Appendix A:

Notice of Preparation (NOP) and Comments Received on the NOP

NOTICE OF PREPARATION OF AN EIR AND SCOPING MEETING FOR THE PROPOSED INFINITE 131 PROJECT

To: Agencies, Organizations, and Interested Parties

From: City of South San Francisco, Economic and Community Development Department

Subject: Notice of Preparation (NOP) of an Environmental Impact Report (EIR) in Compliance with Title 14, Sections 15082(a), 15103, and 15375 of the California Code of Regulations (CCR; Title 14, Chapter 3 of the CCR is described herein as the California Environmental Quality Act (CEQA) Guidelines). The City of South San Francisco (City) is the Lead Agency under CEQA for the proposed project identified below. The City will prepare an EIR for the proposed project identified below:

Project Title: Infinite 131 Project. The project location and a summary of the project description are included below and on the following pages.

Current Environmental Review: To ensure that the proposed project is fully analyzed under CEQA, a Focused EIR will be prepared in compliance with Title 14, Section 15161 of the CCR. An Initial Study checklist is being prepared to supplement the Focused EIR analysis. In accordance with CEQA requirements, all environmental topic areas will be addressed between the Focused EIR and Initial Study Checklist.

As discussed below, the proposed project consists of the construction of the proposed Infinite 131 project, the construction of off-site transportation and circulation improvements to accommodate traffic generated by the Infinite 131 project, and the redesignation and rezoning of five parcels north of the Infinite 131 project site (collectively, the proposed project). The EIR will provide a project-level analysis of the proposed Infinite 131 project and off-site transportation and circulation improvements, pursuant to Section 15161 of the CEQA Guidelines, and a program-level analysis of the redesignation and rezoning of the five off-site parcels, pursuant to Section 15168 of the CEQA Guidelines. The EIR may be relied on by other agencies, including the San Francisco Bay Conservation and Development Commission as a Responsible Agency pursuant to Section 15381 of the CEQA Guidelines, for purposes of approving aspects of the proposed project within those agencies' respective jurisdictions. The proposed project is further described below.

Agency/Public Comments: The City requests your comments regarding the scope and content of the environmental review to be conducted for the proposed project. Normally, State law requires that your response be received no later than thirty (30) days after receipt of this notice. However, given the Thanksgiving Holiday, the City will accept written comments on this NOP between November 1, 2023, and December 8, 2023. Please send your comments by email to **billy.gross@ssf.net** or by mail to:

City of South San Francisco
Department of Economic and Community Development
Attn: Billy Gross, Principal Planner
315 Maple Avenue
South San Francisco, CA 94080

Scoping Meeting: Pursuant to Public Resources Code Section 21083.9 and Sections 15206 and 15082 of the CEQA Guidelines, the Lead Agency also hereby gives notice of a public scoping meeting on this project to receive comments on the scope of the EIR. The Lead Agency will conduct a virtual scoping meeting on Tuesday, November 28, 2023, beginning at 1:30 PM, via webinar and telephone conference line. During the scoping meeting, agencies,

organizations, and the public will have an opportunity to submit comments. The scoping meeting will include a presentation providing an overview of the project and the CEQA process, followed by a question and answer session for online and phone attendees. Please note that comments are limited to three minutes per speaker.

To access the scoping meeting webinar, please use this link from your computer, tablet or smartphone:

https://ssf-net.zoom.us/j/85288004565?pwd=TVFCOVdxY2t3ejYzbUVVMHpHSU1BUT09

You may need to install the Zoom app on your device prior to the meeting:

https://zoom.us/download

You can also dial in to the meeting using your phone:

United States (Toll Free): 1 (669) 444-9171

Meeting ID: 852 8800 4565

Passcode: 439429

You can also find your local dial-in number at the following link:

https://ssf-net.zoom.us/u/kIRhgGH0H

Please note that there are three ways to comment during the meeting:

1. ***Send a comment via email to billy.gross@ssf.net.*** City staff will monitor emails during the meeting and an email comment received during the meeting will be read into the record. Your email should be limited so that it complies with the 3-minute time limitation for public comment.
2. ***Call the Planning Division Hotline at (650) 829-4669.*** Voice Messages will be monitored during the meeting and read into the record. Your voicemail should be limited so that it complies with the 3-minute time limitation for public comment.
3. ***Submit a comment via the "chat" function in the Zoom meeting app.*** City staff will monitor the chat, and will read comments and questions into the record.

EIR Process: An Initial Study is being prepared that considers all applicable environmental topic areas in Appendix G of the CEQA Guidelines. Following the close of the NOP comment period, a Focused Draft EIR will be prepared for topics where the Initial Study analysis identifies a potential for a significant impact to occur. The Draft EIR will take into consideration NOP comments. In accordance with CEQA Guidelines Section 15105(a), the Draft EIR will be released for public review and comment for the required 45-day review period. Following the close of the public review period, the City will prepare a Final EIR that will include responses to all substantive comments received on the Draft EIR. The Draft EIR and Final EIR will be considered by City decision-makers in making the decision to certify the EIR and to approve or deny the components of the proposed project subject to review and approval by the City. If certified by the City, the EIR may be relied on by other agencies for purposes of carrying out portions of the proposed project within their respective jurisdictions.

Project Location & Existing Conditions: The approximately 17.67-acre project site comprises one parcel at 131 Terminal Court in the City of South San Francisco (see Figure 1, Project Location), and is identified as Assessor's Parcel Number (APN) 015-113-210. The project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking. There are approximately 475 existing employees on the project site. The project site outside the existing building footprints is covered with asphalt and concrete paving, with minimal surrounding landscaping and no trees. The southern part of the project site also includes a portion of the shoreline band within the jurisdiction of the San Francisco Conservation and Development Commission (BCDC), adjacent to the navigable slough that feeds into the San Bruno Canal south of the project site. In addition, the project site is approximately 1-mile northwest of San Francisco International Airport (SFO).

The project site is designated in the City of South San Francisco's (City's) Zoning Code and in the *Shape SSF 2040 General Plan* (General Plan) and *Lindenville Specific Plan* (Specific Plan) as Mixed Industrial High (MIH). A General Plan, Specific Plan, and Zoning Amendment are anticipated as part of the proposed project to ensure policy consistency.

Surrounding land uses include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot are north of the project site, a large surface parking lot and U.S. 101 (known as Bayshore Freeway) are adjacent to the eastern portion of the project site, the navigable slough that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. The project site is approximately 1 mile west of the San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along the San Bruno Canal.

Project Description:

Proposed Project. The proposed project includes the construction of new research and development (R&D) and amenity uses with a maximum anticipated total building area of up to approximately 1.7 million square feet. The proposed project would demolish all existing on-site uses and construct six buildings (I131S A, I131S B, I131S C, I131S D, I131N A, and 131N B) collectively referred to as the I131N buildings and I131S buildings, with approximately 1,632,000 square feet of R&D uses and approximately 68,000 square feet of amenity uses. Building heights would range from two to six stories, with the maximum building height being 113 feet 6 inches to the top of the rooftop appurtenances. In addition, the proposed project would include two parking garages, associated with the I131N buildings and the I131S buildings, as well as surface parking. The I131N parking garage would be approximately 551,631 square feet and approximately 100 feet tall. It would include three levels of below-grade parking, as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 square feet and include two levels of below-grade parking. In total, the proposed project would provide approximately 3,049 parking spaces, including 114 surface parking spaces. The proposed buildings would be tied together through a cohesive network of landscaping and open space. Two central courtyards, that would provide approximately 115,130 square feet of open space, would be located along the interior of the project site, and framed by the shape of the I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections. The proposed project would also include associated utility and circulation improvements. The proposed project would require General Plan, Specific Plan and Zoning Code amendments to change the existing land use and zoning designations from Mixed Industrial High (MIH) to Business Technology Park High (BTP-H) and allow development of the R&D campus.

Off-site Transportation and Circulation Improvements: The proposed project may require off-site transportation and circulation improvements to accommodate traffic that would be generated by the proposed project. Such improvements could include new traffic signals, crosswalks, sidewalks, bikeways, and driveway connections along Terminal Court, Shaw Road, and/or Produce Avenue. A local transportation analysis is currently underway which will identify the specific types and locations of improvements that would be needed. The potential environmental effects that could occur from constructing the necessary improvements will be evaluated in the Draft EIR.

Off-Site Redesignation Area. In addition to the General Plan, Specific Plan, and Zoning Code amendments required for the proposed project, the project would also require additional amendments to the General Plan, Specific Plan, and Zoning Code to redesignate five parcels north of the project site across Terminal Court located at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (APNs 015-113-350, 015-113-290, 015-113-340, 015-113-330, 015-113-320). The five off-site redesignation parcels are currently designated as Mixed Industrial High (MIH) under the General Plan, Specific Plan, and Zoning Code, and would be redesignated to BTP-H, consistent with the proposed land use and zoning for the project site. The five parcels are approximately 7.28- acres and are currently comprised of a large Park N' Fly surface parking lot and a Shell gas station. The purpose of the off-site redesignation parcels is to ensure that future development is cohesive and consistent with the development proposed as part of the project. The proposed project does not include the construction of any new uses or any other type of development within the five parcels as part of the redesignation, and existing uses would be maintained. Therefore, no direct impacts on the environment would occur. However, the analysis in the Draft EIR will evaluate the reasonably foreseeable indirect impacts that could result from the proposed off-site redesignation parcels. Future development within the five parcels, should it occur, would be subject to additional environmental review in accordance with CEQA, potentially tiering from the analysis for the off-site redesignation parcels in the EIR.

Probable Environmental Impacts:

It is anticipated that the following CEQA environmental issue areas are likely to result in potentially significant impacts and therefore will be addressed in the Focused EIR: Air Quality, Greenhouse Gas Emissions, Cultural Resources, Noise, and Transportation. The following remaining environmental issue areas are anticipated to not result

in potentially significant impacts and therefore will be evaluated and scoped out from further review in the Initial Study Checklist: Aesthetics, Agriculture and Forestry Resources, Biological Resources, Energy, Geology and Soils, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning, Mineral Resources, Population and Housing, Public Services, Recreation, Tribal Cultural Resources, Utilities and Service Systems, and Wildfire. The Focused EIR will provide a discussion indicating the reasons why these topics are not evaluated in detail in accordance with CEQA Guidelines Section 15128.

In accordance with Section 15130 of the CEQA Guidelines, the Draft EIR will evaluate cumulative impacts of the project, including the effects of other past, present, and reasonably foreseeable projects in the vicinity. Per Section 15126.6 of the CEQA Guidelines, the EIR will also identify and evaluate a range of reasonable alternatives to the proposed project, including a No Project Alternative.

Date: November 1, 2023

Billy Gross, Principal Planner
Telephone: (650) 877-8535
Email: billy.gross@ssf.net

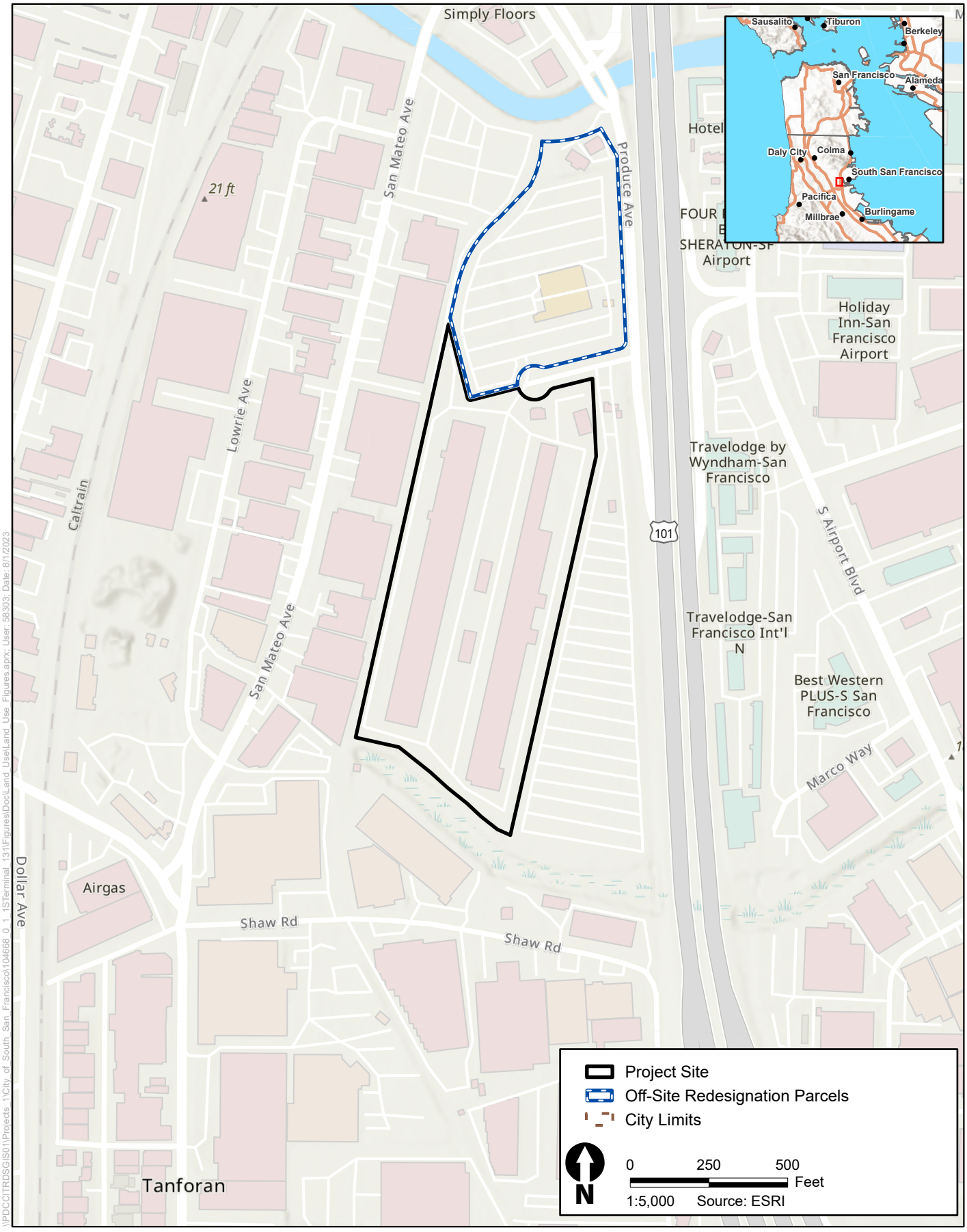

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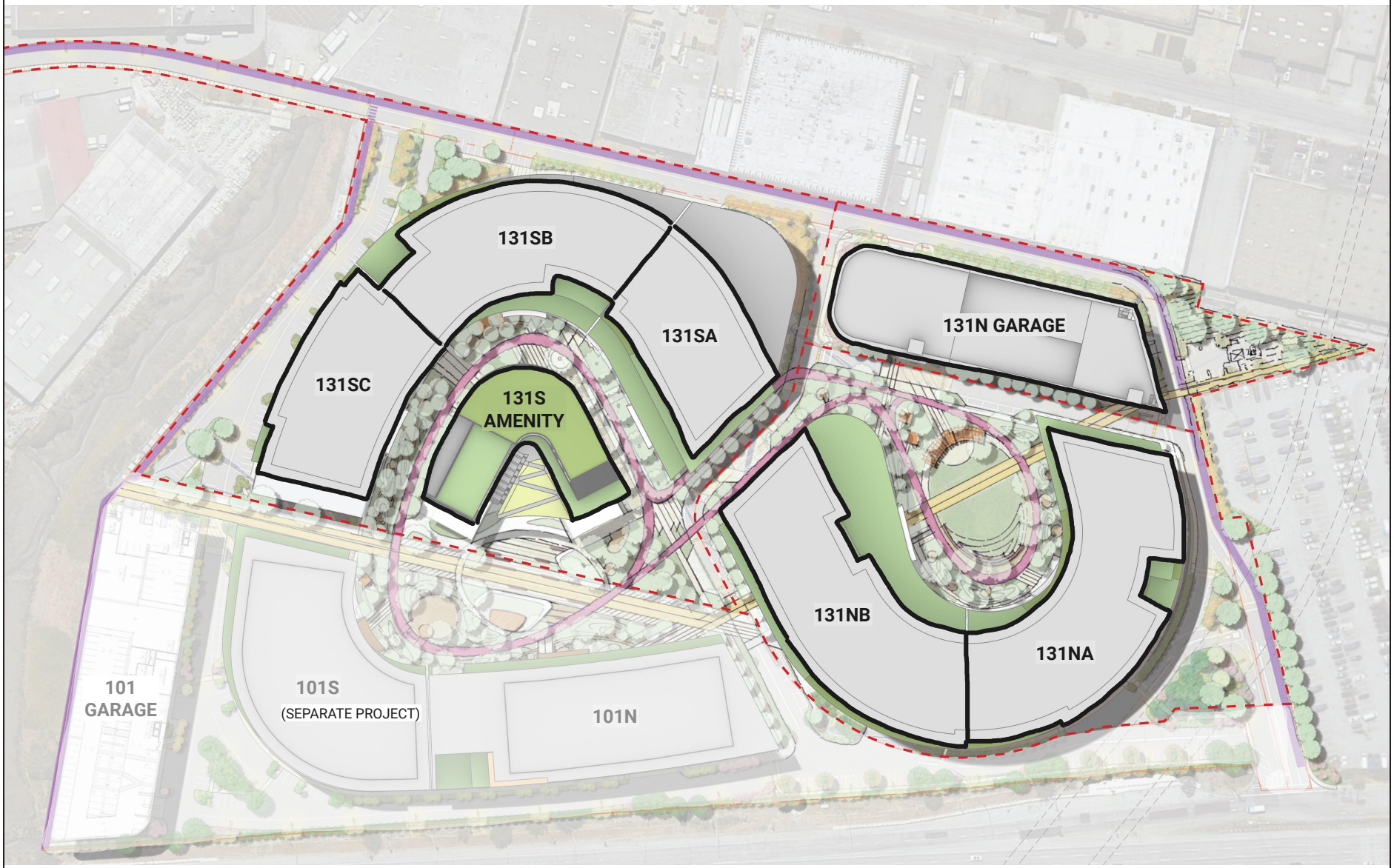
Figure 1
Project Location Map



Source: SteelWave and SOM LLP, 2023

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Figure 2
Conceptual Site Plan

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November 2, 2023

Billy Gross
City of South San Francisco
315 Maple Avenue
South San Francisco, CA 94080

Re: 2023110023, Infinite 131 Project, San Mateo County

Dear Mr. Gross:

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

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

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

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

AB 52

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

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

a. A brief description of the project.

b. The lead agency contact information.

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

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

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

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

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

a. Alternatives to the project.

b. Recommended mitigation measures.

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

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

a. Type of environmental review necessary.

b. Significance of the tribal cultural resources.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

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

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

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

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

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

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

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

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

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

SB 18

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

Some of SB 18's provisions include:

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

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

NAHC Recommendations for Cultural Resources Assessments

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

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

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

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

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

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

Sincerely,

Cody Campagne

Cody Campagne
Cultural Resources Analyst

cc: State Clearinghouse

Pacific Gas and Electric Company

Plan Review Team
Land Management

PGEPlanReview@pge.com

November 2, 2023

Billy Gross
City of South San Francisco
315 Maple Ave
South San Francisco, CA 94080

Ref: Gas and Electric Transmission and Distribution

Dear Billy Gross,

Thank you for submitting the Infinite 131 Project plans for our review. PG&E will review the submitted plans in relationship to any existing Gas and Electric facilities within the project area. If the proposed project is adjacent/or within PG&E owned property and/or easements, we will be working with you to ensure compatible uses and activities near our facilities.

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

Below is additional information for your review:

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

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

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

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

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

Sincerely,

Plan Review Team
Land Management

Attachment 1 – Gas Facilities

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Attachment 2 – Electric Facilities

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

From: Zachariasen, Judith@DOC <Judith.Zachariasen@conservation.ca.gov>
Sent: Monday, November 13, 2023 12:11 PM
To: Gross, Billy <Billy.Gross@ssf.net>
Cc: OPR State Clearinghouse <State.Clearinghouse@opr.ca.gov>; OLRA@DOC <OLRA@conservation.ca.gov>
Subject: Infinite 131 Project - SCH Number 2023110023

[**NOTICE:** This message originated outside of City of South San Francisco -- **DO NOT CLICK** on **links** or open **attachments** unless you are sure the content is safe.]

Dear Billy Gross,

The California Geological Survey (CGS) has received the Notice of Preparation of a Focused Draft Environmental Impact Report (DEIR) for the Infinite 131 Project in South San Francisco. This email conveys the following recommendations from CGS concerning geologic issues related to the project area:

1. Liquefaction Hazards

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

2. Ground Shaking Hazards

The project area is not located in an Earthquake Fault Zone mapped by CGS. However, several active faults are nearby, and the site could be subject to significant ground shaking. The DEIR and supporting documents shouldaddress this hazard as it relates to the design of the proposed structures. Additional information about ground shaking hazard can be obtained at the following sites:
https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=14d2f75c7c4f4619936dac0d14e1e468
https://earthquake.usgs.gov/scenarios/catalog/bssc2014/

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

Thank you,
Judy Zachariasen

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

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

From: Jacob Madden <JMadden@smcgov.org>
Sent: Wednesday, November 15, 2023 9:57 AM
To: Gross, Billy <Billy.Gross@ssf.net>
Subject: Infinite 131 Project

[**NOTICE:** This message originated outside of City of South San Francisco -- **DO NOT CLICK** on **links** or open **attachments** unless you are sure the content is safe.]

Hi Billy,

Similar to the Infinite 101 project, we would request that a site management plan be approved by this office prior to issuance of a grading or building permit.

Thank you

Jacob Madden, PG
Program Specialist
San Mateo County Groundwater Protection Program
(650)399-5959

November 30, 2023

Billy Gross
City of South San Francisco
315 Maple Ave
South San Francisco, CA 94080

Re: Infinite 131 Project
131 Terminal Court, South San Francisco, CA 94080

Dear Billy:

Thank you for giving us the opportunity to review the subject plans. The proposed Infinite 131 Project is within the same vicinity of PG&E's existing facilities that impact this property.

The Infinite 131 Project proposes new buildings and land uses over existing PG&E easements and facilities on the subject property. Said easements are for the operation and maintenance of a gas distribution main and a line of overhead poles. Said easements do not allow for the construction of any building or other structure within the easement areas and provide PG&E the right to trim any trees along the easements whenever considered necessary. The applicant may submit an application to PG&E's Service Planning department at www.pge.com/cco should any of PG&E's existing easements or facilities be found in conflict with the Infinite 131 Project. All relocations are completed at applicant expense. No buildings will be permitted to be constructed within any existing PG&E easement. Please see the attached landscaping guides to further design landscaping around any PG&E facilities on the subject property. Landscaping must be compliant with said guides to promote the continued safe operation of the existing gas distribution main and overhead pole line. Please provide fully engineered site plans to PGEPlanReview@pge.com for review when available.

Please contact the Building and Renovation Center (BRSC) for facility map requests by calling 1-877-743-7782 and PG&E's Service Planning department at www.pge.com/cco for any modification or relocation requests, or for any additional services you may require.

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

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

Sincerely,

Pacific Gas and Electric Company

Justin Newell
Land Management
916-594-4068

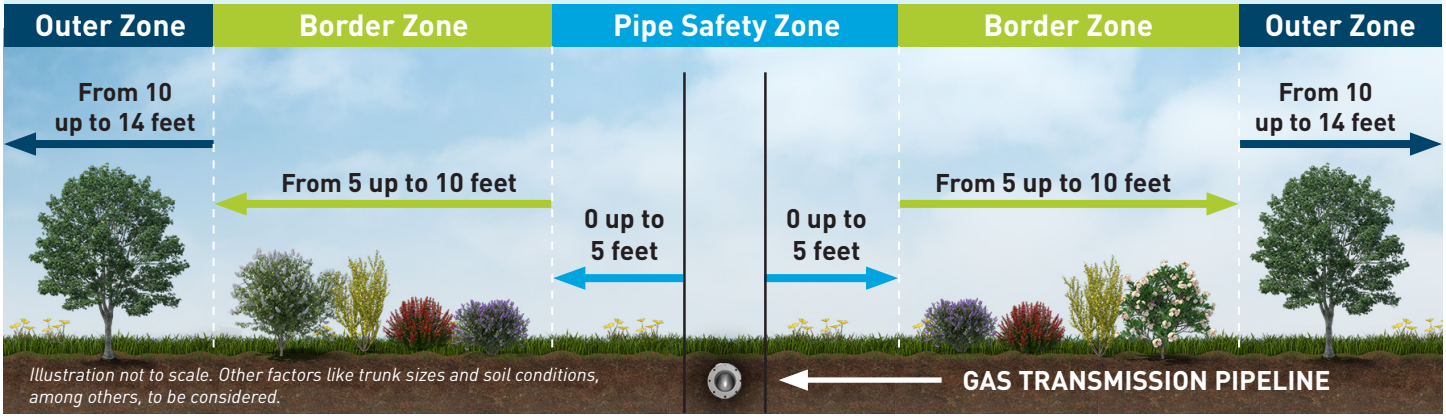
Gas Transmission Vegetation Management

Guide to Safe Landscaping Near Gas Pipelines

For the safety of our customers and communities, we regularly inspect the area above and around the natural gas transmission pipeline for any trees or plants that could block emergency access for safety crews or potentially damage the pipe.

Many types of low-growing vegetation including lawns, flower beds and shrubs with non-woody stems work well in the area above the underground pipeline. Smaller trees, large shrubs and plants with a trunk less than eight inches in diameter at full maturity are permitted from five up to 10 feet from the edge of the pipeline. To check if a gas transmission pipeline runs on or near your property, visit **pge.com/pipelinelocations**.

Any tree planted within 10 feet could pose a safety concern and may need to be removed.



Be Safe. Dig Safe. Before you begin any landscaping work, always call 811 at least two business days in advance. With one call to 811, PG&E will send a crew that can mark our underground gas and electric facilities for free before you begin work, helping you plan a safe project.

Frequently Asked Questions

Why is a small newly planted tree a safety concern?

Depending on the species and the potential size of the tree when it is full grown, it may be identified as a safety risk and need to be removed. While the tree may not pose an access concern while it is a sapling, when it is full grown, it can block access in an emergency or for critical maintenance work. The pipeline could also be damaged as the tree grows.

I planted according to your Guide to Safe Landscaping. Why does my tree now need to be removed?

Crews regularly walk the area above the pipeline to look for new structures or vegetation that may pose a safety concern. They also re-inspect trees and brush that were previously left in place to ensure they don't develop into a safety concern.

If any of these conditions change, we may need to work with the property owner to remove the tree.

Below is a sample of water-wise plant types that are safe in certain locations near a pipeline. Scan the code for more safe planting tips.

Pipe Safety Zone

Typically from 0 up to 5 feet on either side of the edge of the pipe. Lawns, flowers, low-profile grasses and low-growing herbaceous plants are permitted within the Pipe Safety Zone.

- Beach Aster *(Erigeron glaucus)*
- Bird's Foot Fern *(Pellaea mucronate)*
- Blue-Eyed Grass *(Sisyrinchium bellum and cvs.)*
- Buckwheat *(Eriogonum spp.)*
- California Fuchsia *(Epilobium canum)*
- California Mugwort *(Artemisia douglasiana)*
- Coast Sunflower *(Encelia californica)*
- Coyote Mint *(Monardella villosa)*
- Deer Weed *(Acmispon glaber)*
- Douglas Iris *(Iris douglasiana)*
- Lilac Verbena *(Glandularia lilacina and cvs.)*
- Matilija Poppy *(Romneya coulteri)*
- Perennial Hollyhock *(Alcea rosea and cvs.)*
- Pink Santa Barbara Daisy *(Erigeron x moerheimii)*
- Purple Needlegrass *(Stipa pulchra)*
- Sand Aster *(Lessingia filaginifolia and cvs.)*
- Sonoma Sage *(Salvia sonomensis and cvs.)*
- Western Marsh Rosemary *(Limonium californicum)*
- Yarrow *(Achillea millefolium and cvs.)*
- Yerba Buena *(Clinopodium douglasii)*

Pipe Border Zone

Typically from 5 up to 10 feet from the edge of the pipe. Small to medium shrubs with a trunk or main branch less than 8 inches in diameter at full maturity are permitted within the Border Zone. Diameter is measured at chest height.

- Aloe *(Aloe spp. (CA native and non-native))*
- Apache Plume *(Fallugia paradoxa)*
- Blue Jeans Ceanothus *(Ceanothus "Blue Jeans")*
- California Wild Rose *(Rosa californica)*
- Chaparral Honeysuckle *(Lonicera interrupta (shade))*
- Coastal Bush Lupine *(Lupinus arboreus)*
- Concha Ceanothus *(Ceanothus "Concha")*
- Coyote Brush *(Baccharis pilularis consanguinea)*
- Elderberry *(Sambucus spp.)*
- Hillside Gooseberry *(Ribes californicum)*
- Manzanita (shrub) *(Arctostaphylos hookeri (shrub cvs.))*
- Mountain Blue Curls *(Trichostema parishii)*
- Ninebark *(Physocarpus capitatus)*
- Pitcher Sage *(Lepechinia calycina)*
- Purple Sage *(Salvia leucophylla and cvs.)*
- Shrub Live Oak *(Quercus turbinella)*
- Tree Mallow *(Malva assurgentiflora and cvs. (Lavatera assurgentiflora))*
- Tree Poppy *(Dendromecon rigida)*
- Woolly Yerba Santa *(Eriodictyon tomentosum)*
- Yellow Penstemon *(Keckiella antirrhinoides)*

Outer Zone

Typically from 10 up to14 feet from the edge of the pipe. Large shrubs and small trees with a trunk less than 36 inches in diameter at full maturity are permitted within the Outer Zone, however, it's recommended to plant trees even further away from the pipeline. Diameter is measured at chest height.

- American Arborvitae *(Thuja occidentalis 'Fastigata')*
- Australian Willow *(Gijera parviflora)*
- White Alder *(Alnus rhombifolia)*
- Blue Blossom *(Ceanothus thyrsiflorus)*
- Chinese Pistache *(Pistacia chinensis)*
- Coral Gum *(Eucalyptus torquata)*
- Crape Myrtle *(Lagerstroemia hybrids)*
- Desert Willow *(Chilopsis linearis)*
- Flowering Dogwood *(Cornus florida)*
- Flowering Plum *(Prunus ceraifera 'Krauter Vesuvius')*
- Japanese Persimmon *(Diospyros kaki)*
- Lily Magnolia *(Magnolia liliflora)*
- New Zealand Christmas Tree *(Metrosideros excelsa)*
- Ray Hartman Ceanothus *(Ceanothus 'Ray Hartman')*
- Red Buckeye *(Aesculus pavia)*
- Smoke Tree *(Cotinus coggygria Purpureus')*
- Swan Hill Olive *(Olea eruopaea 'Swan Hill')*
- Toyon *(Heteromeles arbutifolia)*
- Trident Maple *(Acer buergeranum)*
- Western Redbud *(Cercis occidentalis)*

Please note that this list includes recommended plant species suited for most California climate zones and is not all-inclusive. Consult your local nursery for more information. If there is an electric power line on or near your property, there may be additional planting restrictions.

To learn more about PG&E's gas safety programs, visit **pge.com/gasveg**.
You can contact us at **1-800-259-6277** or **gasveg@pge.com**.

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Trees and shrubs for power line-friendly landscaping

Bay Area and Inland

At Pacific Gas and Electric Company (PG&E), our most important responsibility is the safety of our customers and the communities we serve.

As part of that responsibility, we created this guide to help you select the right trees and shrubs when planting near power lines. Planting the right tree in the right place will help promote fire safety, reduce power outages and ensure beauty and pleasure for years to come.

Plan before you plant 1

How to plant and care for your tree 4

Key characteristics of recommended small trees 6

Keeping the lights on and your community safe 17

Plan before you plant

Consider these questions for successful planting:

1. What types of utility lines are near you?

Planting restrictions for trees and other vegetation vary widely for different types of utility lines—electric transmission lines, electric distribution lines and gas pipelines.

2. Are you planting in a high fire-threat area?

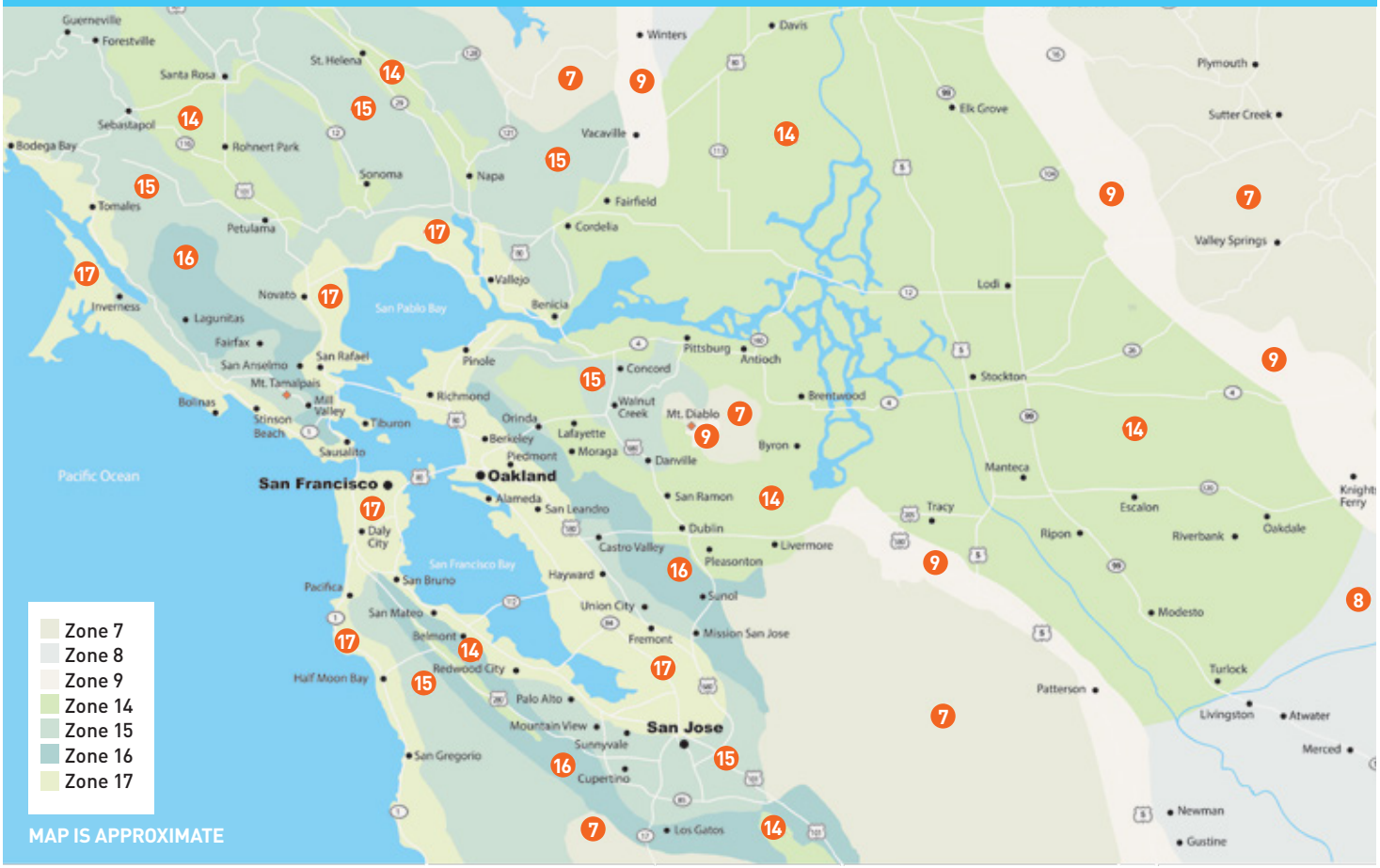
If you live in an area designated as high fire threat by the California Public Utilities Commission (CPUC), you can take steps to help reduce wildfire risks.

3. Are there any underground utility lines?

To avoid contact with underground utilities, **call 811** at least two working days before digging. Workers will visit your property free of charge to mark the location of gas lines or other underground utilities so you can avoid them.

Learn which plants will thrive in your region. Refer to the *Sunset Western Garden Book* map below to find your planting zone.

Bay Area and Inland Climate Zones: 7–9 and 14–17



Planting with fire safety in mind

You can help reduce wildfire risks by choosing the right plants, trees and shrubs and by following new vegetation and fire safety standards that require greater clearances between trees, limbs and power lines.

Create defensible space

In addition to maintaining a safe distance between trees and power lines, we recommend fire-resistant plants in high fire-threat areas. Their purpose is to replace important plants for wildlife in areas where brush and tree removal can leave an area bare.

Fire-resistant plant features include:

- High moisture content
- Minimal buildup of dry vegetation
- Fewer branches and leaves
- Slow growing
- Stems, leaves or needles that are not oily or waxy

To learn more about high fire-threat areas visit **cpuc.ca.gov/FireThreatMaps**

A Planting outside of high fire-threat areas

Planting restrictions for trees and other vegetation vary widely for different types of utility power lines—electric transmission, electric distribution and gas pipelines. Please consider the following when planting near:

Distribution power lines: Select only small trees that will grow no taller than 25 feet at maturity.

Transmission power lines: Plant only low-growing shrubs under the wire zone and only grasses within the area directly below the tower. Along the border of the transmission line right-of-way, plant only small trees no taller than 10 feet.

B Planting within high fire-threat areas

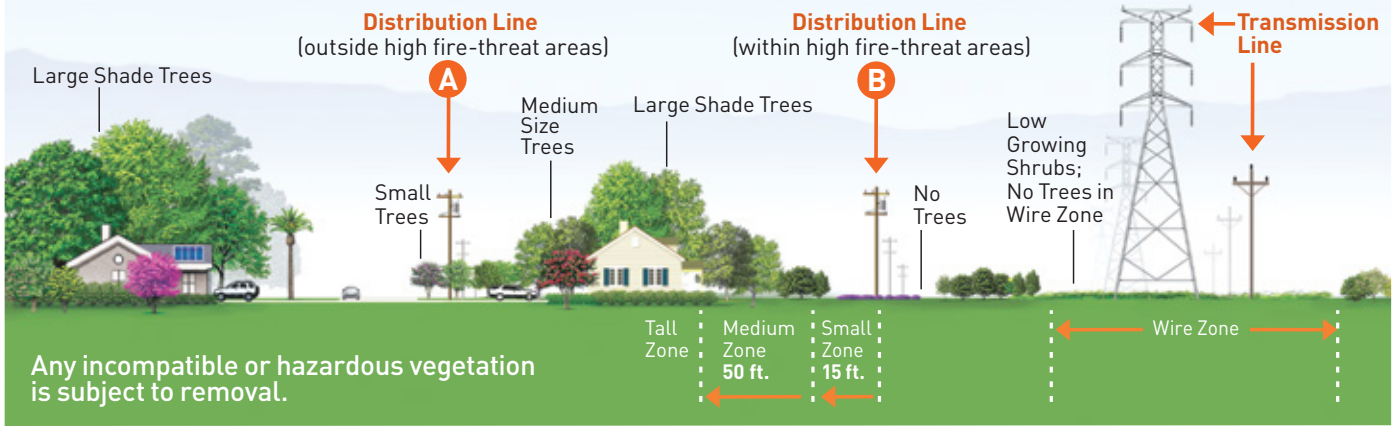
You play a vital role to ensure that the right tree is safely planted in the right place. This planting guide will help you select a species of tree and appropriate planting location that is compatible with our safety clearances.

Small zone: Within 15 feet of the pole, plant only low-growing plants less than 12 inches at maturity that have high moisture and low sap content.

Medium zone: From 15 to 50 feet of the pole, plant trees no taller than 40 feet at maturity.

Tall zone: At least 50 feet away from the pole, plant trees taller than 40 feet at maturity.

Avoid Conflicts with Power Lines—Plant the Right Tree in the Right Place



Proper tree and site selection

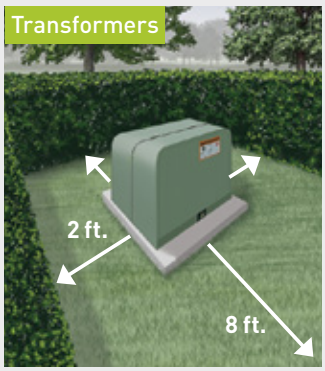
Always consider tree size when planting where space is limited—near power lines, in narrow side yards or close to buildings.

Small trees that grow no taller than 20 feet are the right choice.

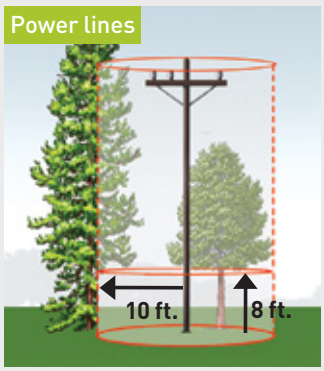
1. When planting near distribution lines in high fire-threat areas, plant only low-growing, fire resistant shrubs.
2. Small flowering trees or shrubs add interest and beauty to the landscape and may attract butterflies and hummingbirds.
3. Many small tree species add curb appeal and help improve your neighborhood.
4. Small trees produce fruit or nuts that attract birds and other wildlife.
5. Small trees create hedges for privacy or screening.
6. Small trees add interest and beauty to small spaces.

When planting, you should AVOID:

1. Blocking vision at street corners. Plant at least 10 feet from the curb at corners.
2. Planting too close to sidewalks, streets or driveways.



Planting closer than 8 feet from the front and 2 feet from the back and sides of pad-mounted transformers.



Planting within 10 feet of the base of utility poles and allowing vegetation that can grow more than 8 feet above the ground.

Safety tip for planting

Know what's below

To remain safe while planting trees, shrubs or flowers, **call 811 at least two days before digging.** Workers will visit your property free of charge to mark the location of gas lines or other underground utilities so you can avoid them.

How to plant and care for your tree

1. **Prepare the planting area.** Mark an area several times wider than the root ball diameter. Loosen this area to about the depth of the root ball.

2. **Dig the hole.** Shallow is better than deep. Ensure the sides of the hole are rough and uneven. In hard soils, a rough edge to the hole helps new roots grow out into the surrounding soil.

3. **Place the tree in the hole.** The trunk flare should be at or just above the soil surface. Planting too deep is the most common mistake since soil above the trunk flare causes the bark to rot.
   - **For containerized trees**, gently remove the container from root ball. Don't pull by the trunk. Loosen roots with finger tips and prune away damaged or circling roots.
   - **For balled and burlapped trees**, rest the root ball in the center of the hole. Reshape the hole if necessary so the tree will be straight and at the proper level. Carefully, remove the burlap and any other material away from the sides and top of the root ball.

4. **Loosen the soil near the trunk.** Find the trunk flare, which should be visible at the top of the root ball. If the trunk flare is not visible, remove soil from the top of the root ball until it is visible.

5. **Tree adjustments.** Stand back and look at the tree before putting soil back into the hole. Careful adjustments can be made at this time to the planting height and the direction the branches face without seriously harming the roots.

6. **Do not add fertilizer at time of planting.** Do not add compost or other material to the hole. Fertilizer may be added at the drip line of the tree after the first year if poor growth is experienced. Follow fertilizer manufacturer's instructions; too much will injure or kill the tree.

7. **Fill the hole with original soil around the tree.** Gently backfill the hole using one-third of the soil at a time. Break up dirt clods and remove any grass, weeds or rocks. Lightly pack the soil with the shovel handle to remove air pockets. Do not stamp on or compress soil heavily. The best soil for root growth has spaces for both air and water, but not large air pockets. Refill and pack again until soil is even with top of root ball. The trunk flare should be slightly above the soil. Water thoroughly.
   - **For trees not planted in a lawn,** construct a small earthen dam or berm, less than four inches tall, with excess soil just outside of the root ball zone. This will help hold water until it soaks into the soil, rather than letting it run off. The berm is temporary while your tree becomes established and, in most cases, should be removed two years after planting.

8. **Cover the entire loosened area of soil.** Use three to four inches of mulch. Keep mulch away from the trunk of the tree to prevent disease.

9. **Stake only if tree stability is a problem.** Staking is a temporary measure to allow the trunk to develop strength. The sooner the stakes and ties are removed the stronger your tree will be. If staked, typically this should be one to two years and no longer than three. Reddy Stakes are the easiest to use and are available from your local nursery.

10. **Water:** New trees need about 1 inch of water per week for about two years. This is true for all trees including native and drought tolerant. Be careful not to drown the roots; they need air to grow as well. Water slowly by hand.

A. Dig hole no deeper than root ball.

B. Bottom of root ball on firm soil.

C. Top of root ball level with or slightly above ground.

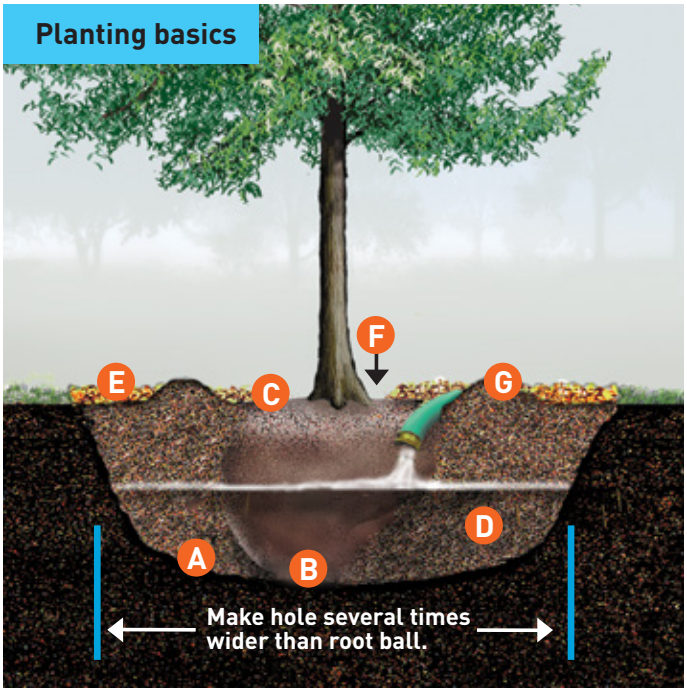
D. Backfill with original soil, tamping gently and watering briefly when filling hole.

E. Mulch 3–4 inches deep in circle around tree.

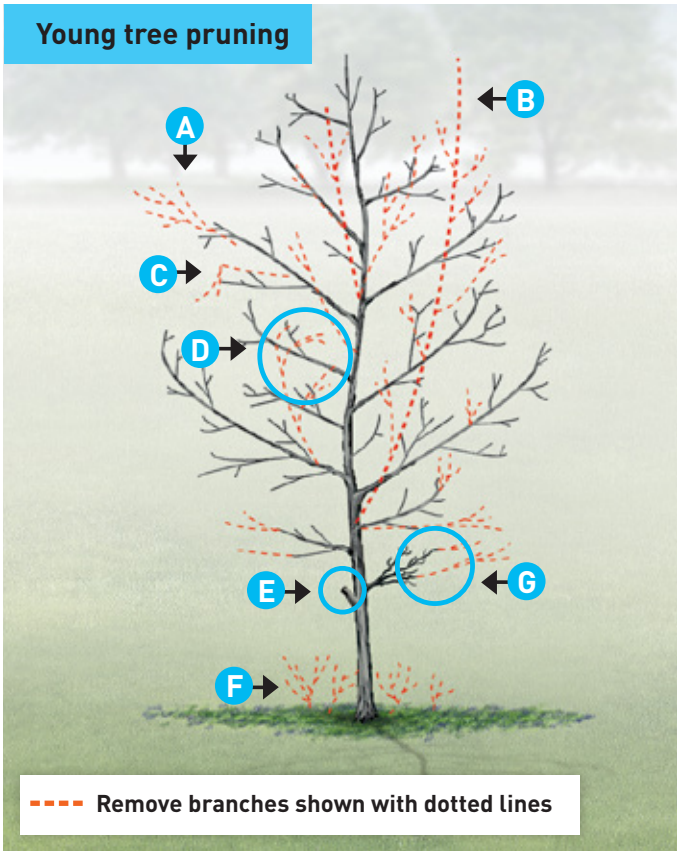
F. Keep mulch away from trunk.

G. If not planting in a lawn, build a soil dam 3–4 feet from trunk.

Planting basics



Young tree pruning



A. Remove limbs that extend beyond the natural crown of the tree.

B. Remove competing stems to develop a single trunk.

C. Remove dead, broken or crossing limbs.

D. Remove limbs that turn inward towards the trunk.

E. Do not leave branch stubs.

F. Remove root suckers and sprouts.

G. Shorten low branches to develop trunk thickness.

Key characteristics of recommended small trees

(Reference zone map on page 1)

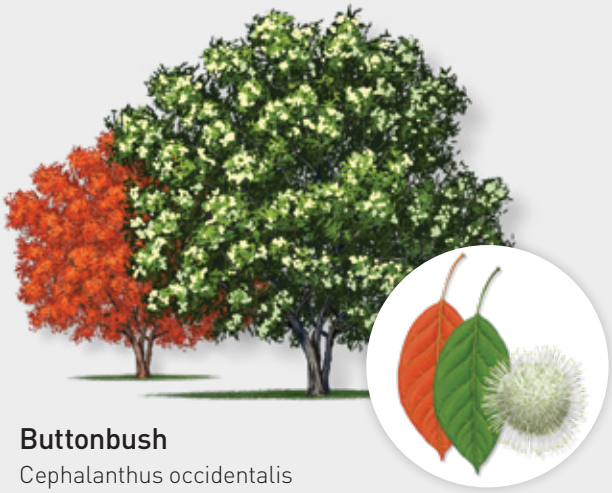
Weeping Bottlebrush

Callistemon viminalis

A beautiful tropical tree that produces scarlet blossoms March through July, this tree attracts hummingbirds and is drought tolerant. It is ideal for creating high hedges that screen views. Not suitable for windy areas or near the street. Grows well in restricted soil space.

Mature height: 25 feet. Zones 8–9, 14–17.
EVERGREEN

Fire-resistant FULL SUN–PARTIAL SHADE



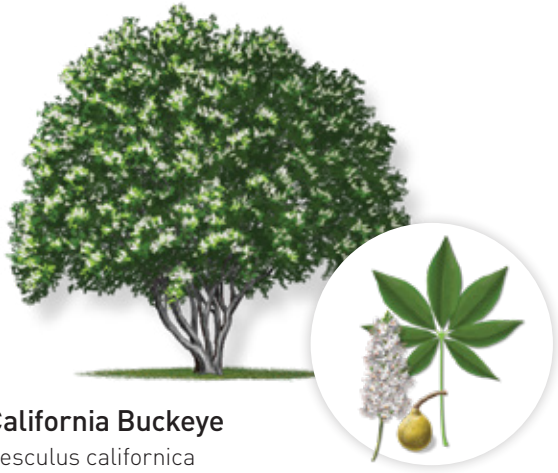
Buttonbush

Cephalanthus occidentalis

Produces unusual flowers that smell like honey and attract butterflies and hummingbirds. Its seeds provide wildlife food, especially for ducks, and its thick foliage provides habitat for many wetland birds. Useful for naturalizing wet areas.

Mature height: 20 feet. Zones 7–9, 14.
DECIDUOUS, CALIFORNIA NATIVE

NOT fire-resistant FULL SUN–PARTIAL SHADE



California Buckeye

Aesculus californica

This tree, native to the dry slopes of the Coast Ranges and Sierra Nevada foothills, makes an excellent choice for low water use areas. In spring, fragrant, cream-colored flower plumes transform it into a giant candelabra. Following winter leaf drop, its silvery bark creates an interesting silhouette.

Mature height: 25 feet. Zones 7–9, 14–17.
DECIDUOUS, CALIFORNIA NATIVE

Fire-resistant FULL SUN–PARTIAL SHADE

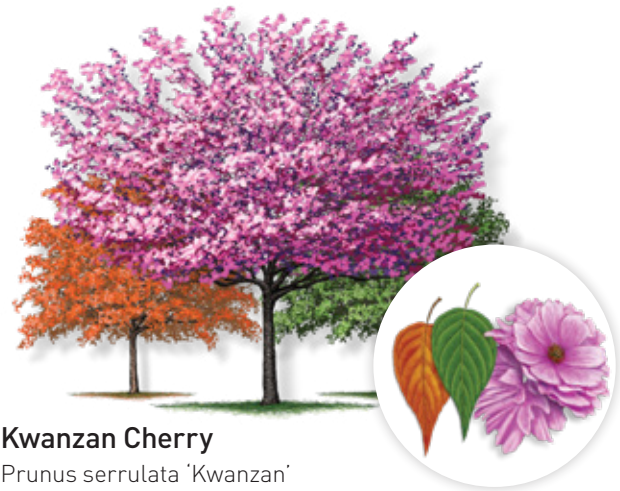
Camellia Reticulata

Camellia reticulata

The main decorative feature is its spectacular flowers, which bloom January through May. This tree is very susceptible to cold. It develops better form and heavier foliage in open ground. Good for shrub borders and screens.

Mature height: 20 feet. Zones 7–9, 14–17.
EVERGREEN

Fire-resistant PARTIAL–FULL SHADE



Kwanzan Cherry

Prunus serrulata 'Kwanzan'

A beautiful decorative flowering tree with yellow fall color, this cherry does not bear fruit. Often used near a patio or as a specimen away from lawn grass competition, this tree is not suitable for planting near the street.

Mature height: 25 feet. Zones 7, 14–17.
DECIDUOUS

Fire-resistant FULL SUN–PARTIAL SHADE

Cordia

Cordia boissieri

Wild olive is a native North American evergreen tree reportedly close to extinction. White flowers appear year-round and olive-like fruit attracts birds and other wildlife. Good near a deck or patio, in sidewalk cutouts and as a street tree.

Mature height: 20 feet. Zones 8–9, 14–17.
EVERGREEN, NORTH AMERICAN NATIVE

NOT fire-resistant FULL SUN–PARTIAL SHADE

Cockspur Coral Tree

Erythrina crista-galli

This beautiful, showy tree, which boasts brilliant red and fragrant flowers in spring, attracts hummingbirds. It is widely planted as a street or garden tree.

Mature height: 20 feet. Zones 7–9, 14–17.
DECIDUOUS

NOT fire-resistant FULL SUN

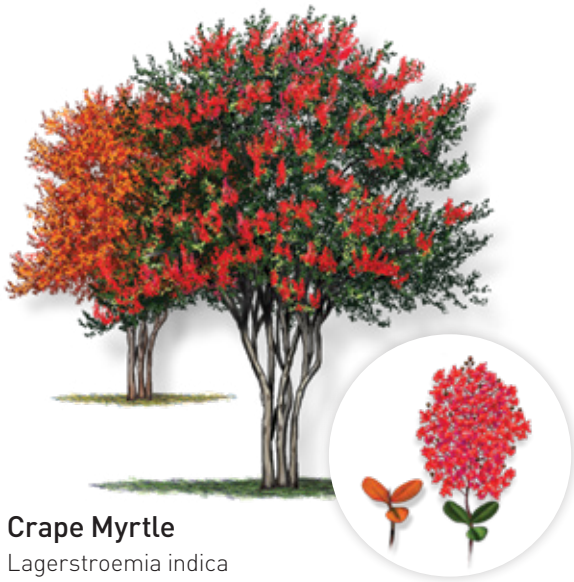
Hopa Crabapple

Malus hopa

Grown for its adaptability, fragrant flowers and attractive, brightly colored fruit, this tree creates a warm glow of color each spring. It bears edible fruit and attracts wildlife. Good for sidewalk cutouts and as a street tree.

Mature height: 25 feet. Zones 7–9, 14–17.
DECIDUOUS

NOT fire-resistant FULL SUN–PARTIAL SHADE



Crape Myrtle

Lagerstroemia indica

This is among the longest blooming trees in existence, with striking summer color and attractive fall foliage. It is a favorite small tree for landscaping. It is drought tolerant and well suited as a buffer near a street, deck or patio.

Mature height: 25 feet. Zones 7–9, 12–14.
DECIDUOUS

NOT fire-resistant FULL SUN

Dragon Tree

Dracaena draco

Native to the Canary Islands, this palm-like, tropical tree grows slowly and can live for hundreds of years. It is drought tolerant and makes a dramatic statement in landscaping. It is a good choice for coastal areas since it tolerates salty spray and soils.

Mature height: 25 feet. Zones 16–17.
EVERGREEN

NOT fire-resistant PARTIAL SHADE

Weeping Dogwood

Cornus florida

This is one of the most popular decorative trees and earliest springtime bloomers. It produces a non-edible fruit that attracts butterflies, birds and other wildlife. Use dogwood as a framing or background tree.

Mature height: 25 feet. Zones 7–9, 14–16.
DECIDUOUS

NOT fire-resistant PARTIAL–FULL SHADE

Fringe Tree

Chionanthus virginicus

One of the most beautiful small trees when in full bloom, its purple-blue fruits attract many birds and other wildlife. Famous for its sweet but not overpowering fragrance, it is most commonly used as a free standing decorative tree.

Mature height: 25 feet. Zones 15–17.
DECIDUOUS, NORTH AMERICAN NATIVE

NOT fire-resistant FULL SUN–PARTIAL SHADE

Golden Ball Lead Tree

Leucaena retusa

Bright yellow powder-puff blossoms appear April through October. They are prominent after heavy rain and attract butterflies and wildlife. It seeds itself, spreads rapidly and is drought tolerant. Good as an accent tree in a shrub border or backyard garden.

Mature height: 25 feet. Zones 7–9, 14–17.

EVERGREEN, NORTH AMERICAN NATIVE

NOT fire-resistant FULL SUN

Washington Hawthorn

Crataegus phaenopyrum

The small white, abundant flowers in spring are followed by orange to red fruit that lasts until winter and attracts birds. The fall leaf color is striking orange and red. Well suited for creating a barrier or as a street tree.

Mature height: 25 feet. Zones 7–9, 14–17.

DECIDUOUS, NORTH AMERICAN NATIVE

NOT fire-resistant FULL SUN

Pineapple Guava

Feijoa sellowiana

Hardiest of the subtropic trees, it blossoms in spring and produces fruit in late summer and early fall. Both flowers and fruit are edible and attract birds and bees. The plants can be pruned into a small tree or a hedge.

Mature height: 20 feet. Zones 7–9, 14–17.

EVERGREEN

NOT fire-resistant FULL SUN–PARTIAL SHADE

Yaupon Holly

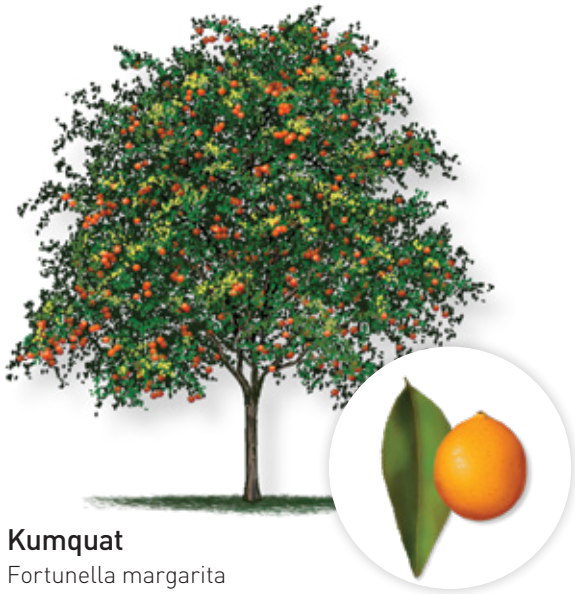
Ilex vomitoria

Tiny white flowers, which appear in spring, attract bees for several weeks. Bright red berries appear fall through winter and attract wildlife. Commonly used as a trimmed hedge, screen or windbreak. Well suited as a topiary.

Mature height: 20 feet. Zones 7–9, 14–17.

EVERGREEN, NORTH AMERICAN NATIVE

NOT fire-resistant FULL SUN–PARTIAL SHADE



Kumquat

Fortunella margarita

Fragrant flowers, which blossom in late spring, attract butterflies and become fruit that look like tiny oranges in the fall. Great ornamental element in a landscape.

Mature height: 25 feet. Zones 8–9, 14–17.

EVERGREEN

NOT fire-resistant FULL SUN

Bronze Loquat

Eriobotrya deflexa

Small white, fragrant flowers appear in spring followed by small, inedible fruits. Leaves are a bright red-bronze or coppery color. Well suited as a decorative tree near the street or a shade tree for a patio or deck.

Mature height: 25 feet. Zones 7–9, 14–17.

EVERGREEN

NOT fire-resistant FULL SUN–PARTIAL SHADE

Lemon Tree

Citrus limon

Dark green foliage and pure white, extremely fragrant blossoms make citrus a popular garden choice for frost-free locations. Juicy, fragrant edible fruit ripens in fall and winter. Well suited for shade or as a screen.

Mature height: 25 feet. Zones 8–9, 14–17.

EVERGREEN

Fire-resistant FULL SUN

Little Gem Magnolia

Magnolia grandiflora x 'little gem'

Fragrant white blossoms open to perfume the entire garden in late spring and turn into fuzzy brown cones with bright red seeds, which are used by a variety of wildlife. Well suited for a screen or hedge.

Mature height: 20 feet. Zones 7–9, 14-17.

EVERGREEN

NOT fire-resistant FULL SUN

Saucer Magnolia

Magnolia x soulangeana

Blooms open late winter to early spring producing a display of large white flowers shaded in pink. Can be used near a patio or deck. Best used as a stand-alone specimen in a sunny spot.

Mature height: 25 feet. Zones 7–9, 14–17.

DECIDUOUS

NOT fire-resistant FULL SUN–PARTIAL SHADE

Amur Maple

Acer ginnala

Its main decorative value is in its brilliant red fall foliage and pink/red-winged fruit. It is well suited as a patio tree, hedge or screen.

Mature height: 25 feet. Zones 7–9, 14–16.

DECIDUOUS

NOT fire-resistant FULL SUN–PARTIAL SHADE

Manzanita

Arctostaphylos manzanita

Popular for shiny red or mahogany colored bark, its pink to white flowers attract wildlife and provide nectar to butterflies and hummingbirds. It is very drought tolerant and looks green even in the hottest, driest part of the summer. Good for hillside covers, background plantings and screens.

Mature height: 20 feet. Zones 7–9, 14–17.

EVERGREEN, CALIFORNIA NATIVE

Fire-resistant FULL SUN–PARTIAL SHADE

Japanese Maple

Acer palmatum

Famous for its striking display of fall color when leaves turn brilliant shades of scarlet, yellow or orange, it is one of the most beautiful small trees for the landscape. Well suited as an accent tree.

Mature height: 25 feet. Zones 7–9, 14–17.

DECIDUOUS

NOT fire-resistant PARTIAL–FULL SHADE

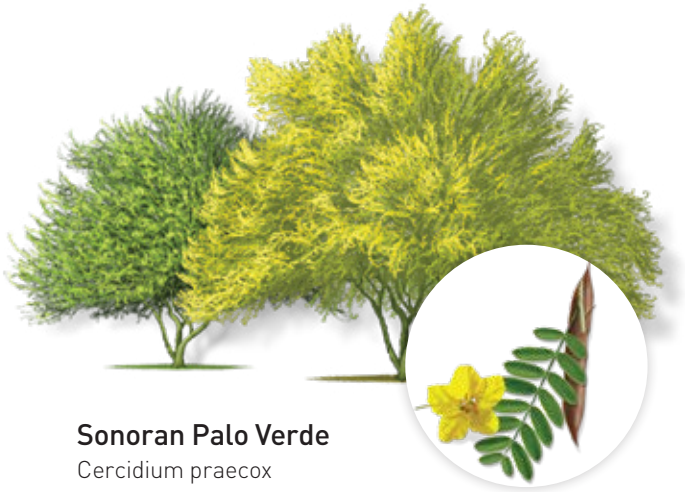
Rattan Palm

Rhapis humilis

A hardy, slow growing and graceful-looking palm variety, it is especially well suited as a dense screen or hedge or accent tree.

Mature height: 20 feet. Zones 16–17.
EVERGREEN

NOT fire-resistant PARTIAL–FULL SHADE



Sonoran Palo Verde

Cercidium praecox

Valued for its yellow floral display in spring, this plant is attractive to bees, butterflies and birds. It does well in arid climates and is tough and trouble-free. Well suited for streetscape plantings or as an accent tree.

Mature height: 20 feet. Zones 14–17.
DECIDUOUS, NORTH AMERICAN NATIVE

NOT fire-resistant FULL SUN

Pinyon Pine

Pinus edulis

This rugged conifer is best known for its edible pine nuts. This pine grows slowly and does not overwhelm the surrounding area. It is more drought and wind tolerant than other pines. It provides good cover for wildlife. The tree works well in small, dry gardens and can be used to screen unwanted views, as a windbreak or an accent tree.

Mature height: 25 feet. Zones 7–9, 14–17.
EVERGREEN, CALIFORNIA NATIVE

NOT fire-resistant FULL SUN–PARTIAL SHADE

Purple-Leaf Plum

Prunus cerasifera 'Newport'

Very popular for its unusual changing leaf color, which starts out ruby red, then turns reddish-purple, and finally greenish-bronze. The small white to light pink blossoms are followed by a crop of small, edible purple fruit. Often used as a decorative landscape element, it is good near patios and decks. Only plant the smaller 'Newport' or 'Thundercloud' varieties near power lines.

Mature height: 25 feet. Zones 7–9, 14–17.
DECIDUOUS

Fire-resistant FULL SUN–PARTIAL SHADE

Eastern Redbud

Cercis canadensis

Blossoms appear all over the tree in spring followed by beans, which provide food for hummingbirds and other wildlife. Not suitable as a street tree but well suited as an accent plant.

Mature height: 25 feet. Zones 7–9, 14–17.
DECIDUOUS, NORTH AMERICAN NATIVE

NOT fire-resistant FULL SUN–PARTIAL SHADE

American Smoke Tree

Cotinus obovatus

Long flowers have a fluffy, grayish-buff appearance resembling a cloud. One of the best plants for fall color with orange, purple, red and yellow leaves. Best used in a shrub border or as a patio or accent tree.

Mature height: 25 feet. Zones 7–9, 14–17.
DECIDUOUS, NORTH AMERICAN NATIVE

NOT fire-resistant FULL SUN–PARTIAL SHADE

Tangelo

Citrus reticulata x citrus maxima

Fragrant white flowers appear March through April and attract honeybees and butterflies. Edible, orange-colored fruit matures September through December. The best fruit is produced in warm summer areas. Well suited as an ornamental accent tree.

Mature height: 25 feet. Zones 8–9, 14–15.
EVERGREEN

Fire-resistant FULL SUN

Tasmanian Tree Fern

Dicksonia antarctica

Best known and hardiest of tree ferns, it has a dark brown trunk and dark green, lacy fronds that arch five to seven feet. Easy to transplant and establish, it makes a beautiful accent tree for a tropical effect or can be a backdrop to other plants.

Mature height: 20 feet. Zones 8–9, 14–17.
EVERGREEN

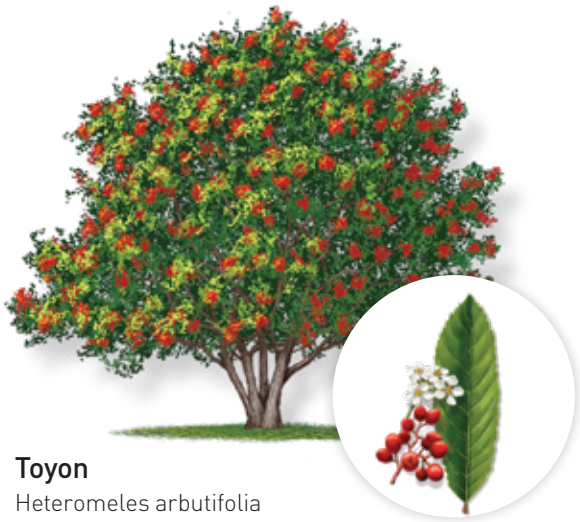
NOT fire-resistant PARTIAL–FULL SHADE

Tea Tree
Leptospermum petersonii

Leaves have a strong lemon scent and when dried are used to make tea. Small white flowers bloom in spring to early summer. This is a fast-growing plant well suited for hedges, screening unwanted views or as a windbreak.

Mature height: 20 feet. Zones 14–17.
EVERGREEN

NOT fire-resistant FULL SUN–PARTIAL SHADE

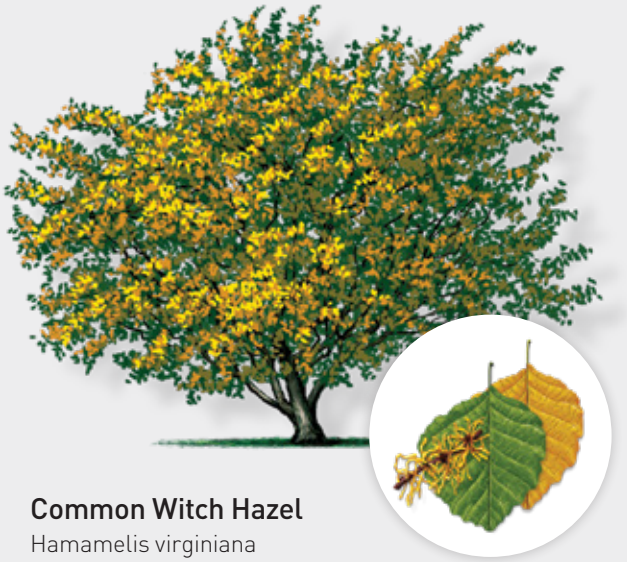


Toyon
Heteromeles arbutifolia

Also known as "Christmas Berry" or "California Holly," this evergreen is native to California Coast Ranges and is great in butterfly and bird gardens. Drought resistant and low maintenance, it blooms in summer and bears beautiful red berries in winter. It is well suited for hedges, screens for unwanted views or as an accent tree.

Mature height: 25 feet. Zones 7–9, 14–17.
EVERGREEN, CALIFORNIA NATIVE

NOT fire-resistant FULL SUN–PARTIAL SHADE



Common Witch Hazel
Hamamelis virginiana

The bark of this slow growing, drought tolerant plant is the source of the liniment witch hazel. It has bright foliage and yellow and red bloom clusters in the fall. It is well suited for borders and naturalistic, shady areas.

Mature height: 25 feet. Zones 7–9, 14–16.
DECIDUOUS, NORTH AMERICAN NATIVE

NOT fire-resistant FULL SUN–PARTIAL SHADE

IMPORTANT NOTE: This guide makes recommendations for planting small trees near distribution lines only.

Near or under transmission lines, plant only low-growing shrubs. Any incompatible vegetation is subject to removal.

If you are not sure if a power line is distribution or transmission, please call us at **1-800-743-5000**.

The following is a guide to small trees suitable near distribution power lines in areas that are not at high risk for wildfire. Work with your local nursery to identify other suitable plants for your specific planting zone.

Common/Scientific name	Mature ht.	Growth/yr.	Soil	Wildlife attraction and flower facts
Bottlebrush, Weeping Callistemon viminalis	25 feet	36 inches	Wet–Dry	Hummingbirds, screening, drought tolerant. **RED FLOWERS**
Buckeye, California** Aesculus californica	25 feet	24 inches	Moist–Dry	Hummingbirds, provides screening, blooms in spring. **WHITE, FRAGRANT FLOWERS**
Buttonbush** Cephalanthus occidentalis	20 feet	24–36 inches	Wet–Moist	Hummingbirds, butterflies, wildlife habitat. **CREAM OR WHITE, FRAGRANT FLOWERS**
Camellia Reticulata Camellia reticulata	20 feet	12–24 inches	Moist	Decorative, provides screening, not suitable for cold environment. **PINK, RED FLOWERS**
Cherry, Kwanzan Prunus serrulata 'Kwanzan'	25 feet	24 inches	Moist	Fall color, no fruit, not suitable for street planting. **PINK OR ROSE, FRAGRANT FLOWERS**
Cockspur Coral Tree Erythrina crista-galli	20 feet	24 inches	Moist–Dry	Hummingbirds, good for streets and gardens. **PINK OR RED, FRAGRANT FLOWERS**
Cordia* Cordia boissieri	20 feet	24 inches	Moist–Dry	Birds and wildlife, good for streets and patios. **YELLOW OR WHITE, FRAGRANT, YEAR-ROUND FLOWERS**
Crabapple, 'Hopa' Malus 'hopa'	25 feet	36 inches	Moist	Wildlife, edible fruit, good for streets and sidewalk cutouts. **RED OR ROSE, FRAGRANT FLOWERS**
Crape Myrtle Lagerstroemia indica	25 feet	24 inches	Moist–Dry	Long blooming period, fall color, good for narrow lawns, drought tolerant. **RED, PINK, PURPLE OR WHITE FLOWERS**
Dogwood, Weeping Cornus florida	25 feet	24 inches	Moist	Butterflies and wildlife, blooms in early spring. **WHITE, FRAGRANT FLOWERS**
Dragon Tree Dracaena draco	25 feet	12 inches	Moist	Slow growing, long lasting, drought tolerant. **CHARTREUSE OR WHITE FLOWERS**
Fringe Tree* Chionanthus virginicus	25 feet	12 inches	Moist	Birds and wildlife, decorative free-standing tree. **GREEN OR WHITE, FRAGRANT FLOWERS**
Golden Ball Lead Tree* Leucaena retusa	25 feet	12–36 inches	Well Drained	Butterflies and wildlife, accent tree, drought tolerant. **YELLOW FLOWERS**
Guava, Pineapple Feijoa sellowiana	20 feet	24 inches	Moist–Dry	Birds and bees, blooms in spring, edible flower and fruit. **PURPLE, RED OR WHITE FLOWERS**
Hawthorn, Washington* Crataegus	25 feet	24 inches	Moist–Dry	Wildlife, good screen or street tree. **WHITE FLOWERS**
Holly, Yaupon* Ilex vomitoria	20 feet	24 inches	Moist	Bees and wildlife, good hedge or screen. **TINY, WHITE FLOWERS**
Kumquat Fortunella margarita	25 feet	24 inches	Moist	Butterflies, edible fruit, decorative. **WHITE, FRAGRANT FLOWERS**

Chart continued on next page

Common/Scientific name	Mature ht.	Growth/yr.	Soil	Wildlife attraction and flower facts
Lemon Tree Citrus limon	25 feet	24 inches	Moist	Edible fruit, good for shade or screening. **WHITE, FRAGRANT FLOWERS**
Loquat, Bronze Eriobotrya deflexa	25 feet	36 inches	Moist	Birds and wildlife, good for patios and decks. **WHITE, FRAGRANT FLOWERS**
Magnolia, Little Gem Magnolia grandiflora x 'little gem'	20 feet	12 inches	Moist	Wildlife, provides a dense screen. **WHITE, FRAGRANT FLOWERS**
Magnolia, Saucer Magnolia x soulangeana	25 feet	24 inches	Moist	Birds. **PINK, PURPLE OR WHITE, FRAGRANT FLOWERS**
Manzanita** Arctostaphylos manzanita	20 feet	12–24 inches	Moist–Dry	Butterflies, hummingbirds and wildlife, colorful bark. **PINK OR WHITE FLOWERS**
Maple, Amur Acer ginnala	25 feet	12–24 inches	Moist–Dry	Fall color, good for patios and decks, hedge or screen. **YELLOW, FRAGRANT FLOWERS**
Maple, Japanese Acer palmatum	25 feet	12–24 inches	Moist–Well Drained	Fall color, good as accent tree. **PURPLE FLOWERS**
Palm, Rattan Rhapis humilis	20 feet	12 inches	Moist	Good screen or hedge, decorative, drought tolerant. **INCONSPICUOUS FLOWERS**
Palo Verde, Sonoran* Cercidium praecox	20 feet	36 inches	Moist–Dry	Bees, butterflies and birds, smooth green bark, blooms in spring, drought tolerant. **YELLOW FLOWERS**
Pine, Pinyon** Pinus edulis	25 feet	12 inches	Moist–Dry	Wildlife habitat, edible seeds, drought and wind tolerant. **INCONSPICUOUS FLOWERS**
Plum, Purple-Leaf Prunus cerasifera 'Newport'	25 feet	24 inches	Moist	Winter and spring floral display, edible fruit, self-sowing. **PINK OR WHITE, FRAGRANT FLOWERS**
Redbud, Eastern* Cercis canadensis	25 feet	36 inches	Moist	Hummingbirds and wildlife. **PINK OR ROSE FLOWERS**
Smoke Tree, American* Cotinus obovatus	25 feet	12–24 inches	Well Drained	Fall color. **PINK OR WHITE, SMOKE-LIKE EFFECT FLOWERS**
Tangelo Citrus reticulata x citrus maxima	25 feet	24 inches	Moist	Bees and butterflies, blooms in spring, edible fruit. **WHITE, FRAGRANT FLOWERS**
Tasmanian Tree Fern Dicksonia antarctica	20 feet	12 inches	Moist	Cold tolerant, easy to transplant and establish, good as an accent. **NO FLOWERS**
Tea Tree Leptospermum petersonii	20 feet	24 inches	Moist–Dry	Fragrant leaves, good for hedges, screening and as a windbreak. **WHITE FLOWERS**
Toyon** Heteromeles arbutifolia	25 feet	12–24 inches	Moist–Dry	Butterflies, hummingbirds and wildlife, drought tolerant. **WHITE FLOWERS**
Witch Hazel, Common* Hamamelis virginiana	25 feet	12–24 inches	Moist	Fall foliage and flowers, drought tolerant. **YELLOW, FRAGRANT FLOWERS**

*North American Native
**California Native

Keeping the lights on and your community safe

At PG&E our most important responsibility is the safety of our customers and the communities we serve. We know how much trees mean to our communities, and we are committed to helping you ensure the right trees are located in the right places to help reduce wildfire risks and improve public safety.

Every year, we inspect each segment of **approximately 100,000 miles** of overhead power lines, with some locations patrolled multiple times a year. We prune or remove **1.4 million trees annually** and work to address dead and dying trees in areas affected by drought.

By planting the right tree in the right place, you can help reduce fire hazards, promote safety and reduce the risk of damage to properties and power lines.

For more information regarding tree planting near power lines or gas pipelines and to download a copy of this booklet, please visit: **pge.com/righttreerightplace**.

To verify the type of utility line near you, schedule an appointment with our tree care professionals or request gas pipeline planting information, please call **1-800-743-5000**.

Additional references and resources:

PG&E Vegetation Management Program:
pge.com/trees

Planting the right tree in the right place:
arborday.org/trees/righttreeandplace

High Fire-Threat District Map:
cpuc.ca.gov/FireThreatMaps

California Tree Selections:
selectree.calpoly.edu

Climate Zone maps and information are courtesy of *Sunset Western Garden Book*, 2008.

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San Francisco International Airport

December 5, 2023

Billy Gross, Principal Planner
City of South San Francisco
Department of Economic and Community Development
315 Maple Avenue
South San Francisco, California 94080

TRANSMITTED VIA EMAIL ONLY

billy.gross@ssf.net

Subject: ***NOP Comments: Draft Environmental Impact Report for the Infinite 131 Project, South San Francisco, California***

San Francisco International Airport (SFO or the Airport) staff have reviewed the Notice of Preparation (NOP) of the Draft Environmental Impact Report (DEIR) for the Infinite 131 Project (the Proposed Project), located in the City of South San Francisco (City). We appreciate this opportunity to provide comments on the NOP.

As described in the NOP, the Proposed Project is located on an approximately 17.67-acre site, identified as Assessor's Parcel Number 015-113-210. The site is currently occupied by a produce market facility (the Golden Gate Produce Terminal) and surface parking.

The Proposed Project consists of demolishing all existing structures and uses on the site and constructing six buildings containing a total of approximately 1,632,000 square feet of research and development (R&D) space and approximately 68,000 square feet of amenity space. The buildings would range in height from two stories to six stories, with the tallest building being about 114 feet tall (measured from ground level to the top of the rooftop appurtenances). A total of about 3,049 parking spaces would be provided through a combination of surface parking and two parking garages. The Proposed Project would also include two central courtyards that would provide a total of approximately 115,130 square feet of open space as well as utility and circulation improvements (e.g., new traffic signals, sidewalks, crosswalks, bikeways, and driveways connections).

Airport Influence Areas

The Proposed Project site is within two Airport Influence Areas (AIAs): Area A – Real Estate Disclosure Area (all of San Mateo County) and Area B – Policy/Project Referral Area (a smaller subarea in the northern part of San Mateo County), as defined by the *Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport* (SFO ALUCP). Within Area A, the real estate disclosure requirements of state law apply (see attachment). A property owner offering a property for sale or lease must disclose the presence of planned or existing airports within two miles of the property. Within Area B, the Board of Directors of the City/County Association of Governments of San Mateo County, acting as the designated Airport Land Use Commission (ALUC), shall review proposed land use policy actions, including new general plans, specific plans, zoning ordinances, plan amendments and rezonings, and land development proposals (see attachment). The real estate disclosure requirements in Area A also apply in Area B.

AIRPORT COMMISSION CITY AND COUNTY OF SAN FRANCISCO

LONDON N. BREED *MAYOR* | MALCOLM YEUNG *PRESIDENT* | EVERETT A. HEWLETT, JR. *VICE PRESIDENT* | JANE NATOLI | JOSE F. ALMANZA | MARK BUELL | IVAR C. SATERO *AIRPORT DIRECTOR*

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SFO ALUCP Policies

The southern end of the Proposed Project site is within the 65 decibel Community Noise Equivalent Level (CNEL) contour. However, the Proposed Project does not include any land uses that are identified as conditionally compatible or not compatible in Table IV-1: Noise/Land Use Compatibility Criteria, of the SFO ALUCP. The Proposed Project site is outside of all safety compatibility zones. Therefore, the Proposed Project would not appear to be inconsistent with the Noise and Safety Compatibility Policies adopted in the SFO ALUCP.

As described in Exhibit IV-17 of the SFO ALUCP (see attachment), the critical aeronautical surfaces at the Proposed Project are at an elevation of approximately 130 feet above mean sea level (AMSL).[1] The elevation of the Proposed Project site ranges from about 8.5 feet to about 12.5 feet AMSL. The buildings would range in height from two stories to six stories, and the tallest building would be about 114 feet tall (an elevation of about 126.5 feet AMSL), which would be lower than the elevation of the lowest critical aeronautical surface. The Proposed Project would not appear to be inconsistent with Airspace Protection Policy AP-3 (Maximum Compatible Building Height) of the SFO ALUCP, subject to the issuance of a Determination of No Hazard from the Federal Aviation Administration (FAA) for any proposed structures (see below), and determinations from the City/County Association of Governments of San Mateo County as the designated ALUC.

However, this presumption is based on limited information as the site plan included in the NOP does not specify the exact location of the tallest building or provide its elevation AMSL. The project description and figures in the DEIR should specify the elevation AMSL of each building, and the DEIR analysis of the Proposed Project's impacts related to hazards and hazardous materials should discuss the Proposed Project's consistency with Airspace Protection Policy AP-3 of the SFO ALUCP.

This evaluation does not waive the requirement for the Proposed Project sponsor to undergo Federal Aviation Administration airspace review as described in 14 Code of Federal Regulations Part 77 for both (1) the permanent structures and (2) any equipment taller than the permanent structures required to construct those structures.

The NOP states that "the proposed buildings would be tied together through a cohesive network of landscaping and open space," with two central courtyards providing approximately 115,130 square feet of open space. Landscaping for the proposed courtyards has the potential to attract wildlife. To ensure compliance with Airspace Protection Policy AP-4 (Other Flight Hazards Are Incompatible), the Airport suggests that the sponsor consider planting low-lying vegetation/brush of a non-seeding variety that does not provide cover or shelter for wildlife and trees that provide minimal roosting opportunities for birds.

* * *

The Airport appreciates your consideration of these comments. If I can be of assistance, please do not hesitate to contact me at (650) 821-6678 or at nupur.sinha@flysfo.com.

[1] The elevation above mean sea level is defined from the origin of the North American Vertical Datum of 1988.

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Sincerely,

DocuSigned by:
Nupur Sinha
7D552AE6A4CE495...

Nupur Sinha
Director of Planning and Environmental Affairs
San Francisco International Airport

Attachment
Airport Influence Area and Airspace Protection Policies of the SFO ALUCP

cc: Audrey Park, SFO
Chris DiPrima, SFO

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4.2 Airport Influence Area (AIA)

The AIA for SFO includes two parts: Area A and Area B. Area A is the larger of the two areas and encompasses all of San Mateo County. Area B lies within Area A and includes land exposed to aircraft noise above CNEL 65 dB or lying below critical airspace.

Area A, depicted on **Exhibit IV-1**, includes the entire county, all of which is overflown by aircraft flying to and from SFO at least once per week at altitudes of 10,000 feet or less above mean sea level (MSL). (Appendix L explains the rationale for defining the AIA Area A boundary.)

Area B of the AIA, depicted on **Exhibit IV-2**, is based on a combination of the outer boundaries of the noise compatibility and safety zones, the 14 CFR Part 77 conical surface, and the TERPS approach and One-Engine Inoperative (OEI) departure surfaces.[1] As depicted on Exhibit IV-2, the Area B boundary has been adjusted to follow streets, highways, and corporate boundaries to make it easier to identify and implement. See **Exhibit IV-3** for a close-up view of the northwestern half of Area B and **Exhibit IV-4** for a close-up view of the southeastern half.

The following AIA policies (IP) shall apply to the ALUCP.

IP-1 AIRPORT INFLUENCE AREA A – REAL ESTATE DISCLOSURE AREA

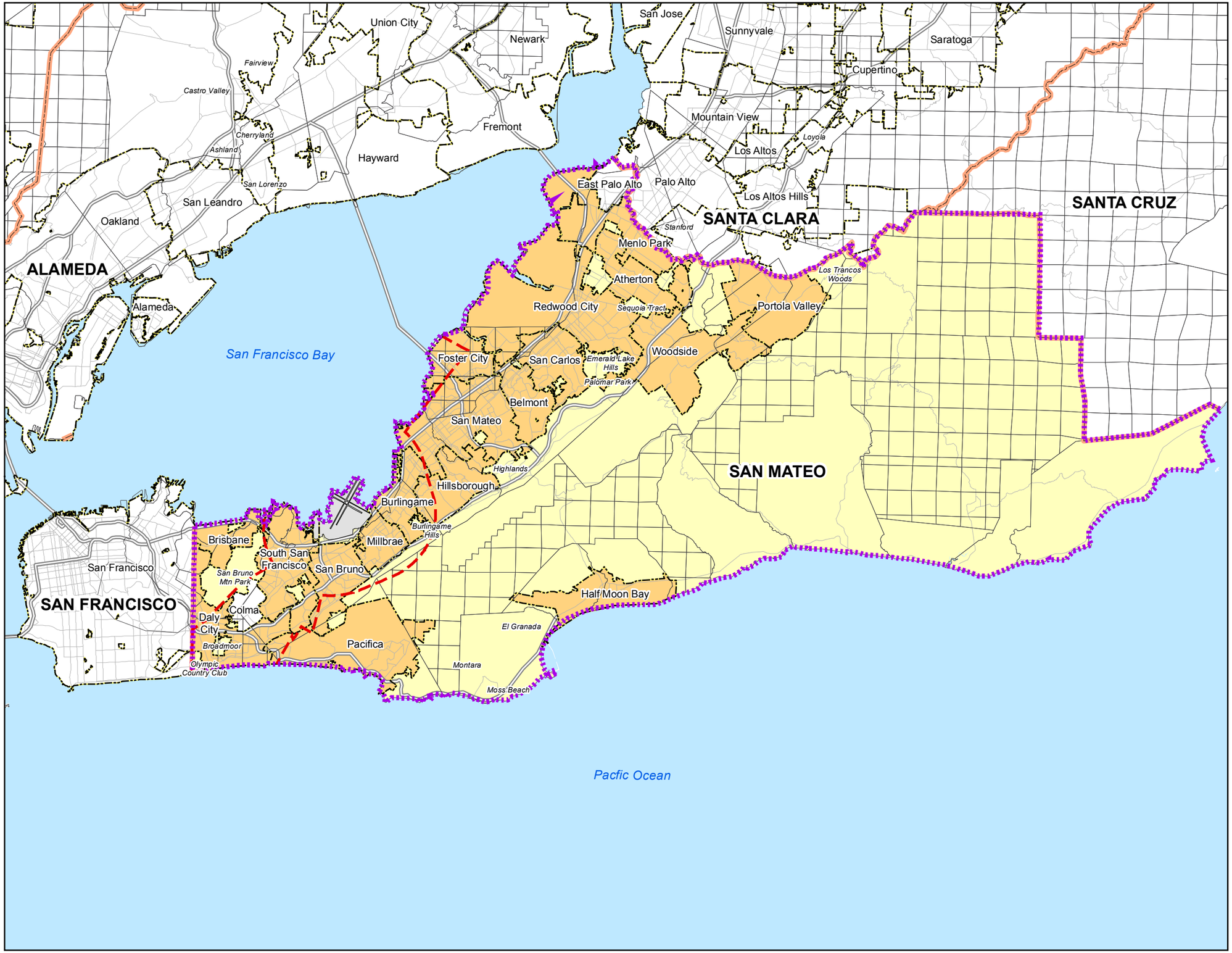
Within Area A, the real estate disclosure requirements of state law apply. Section 11010 of the Business and Professions Code requires people offering subdivided property for sale or lease to disclose the presence of all existing and planned airports within two miles of the property.[2] The law requires that, if the property is within an "airport influence area" designated by the airport land use commission, the following statement must be included in the notice of intention to offer the property for sale:

NOTICE OF AIRPORT IN VICINITY

This property is presently located in the vicinity of an airport, within what is known as an airport influence area. For that reason, the property may be subject to some of the annoyances or inconveniences associated with proximity to airport operations (for example: noise, vibration, or odors). Individual sensitivities to those annoyances can vary from person to person. You may wish to consider what airport annoyances, if any, are associated with the property before you complete your purchase and determine whether they are acceptable to you.

[1] On the northwest side, the Area B boundary corresponds to the 800-foot elevation line of the TERPS approach surface and the OEI departure surface. On the southeast side, the Area B boundary corresponds with the transitional surfaces rising from the flat, central portion of the TERPS surface having an elevation of 210 feet MSL. See Exhibits IV-17 and IV-18 for a detailed depiction of the airspace surfaces.

[2] California Business and Professions Code, Section 11010(b)(13).



LEGEND

- Boundary for Airport Influence Area B
- Airport Influence Area A Boundary
- County Boundary
- City Boundary
- Range/ Township/ Section and Rancho Lines
- Freeways
- Roads
- Municipal Members of SFO/Community Roundtable
- Unincorporated San Mateo County

NORTH

0 1 2 4 Miles

Exhibit IV-1

AIRPORT INFLUENCE AREA A - REAL ESTATE DISCLOSURE AREA

Comprehensive Airport Land Use Plan
For The Environs of San Francisco International Airport

C/CAG

City/County Association of Governments
of San Mateo County, California

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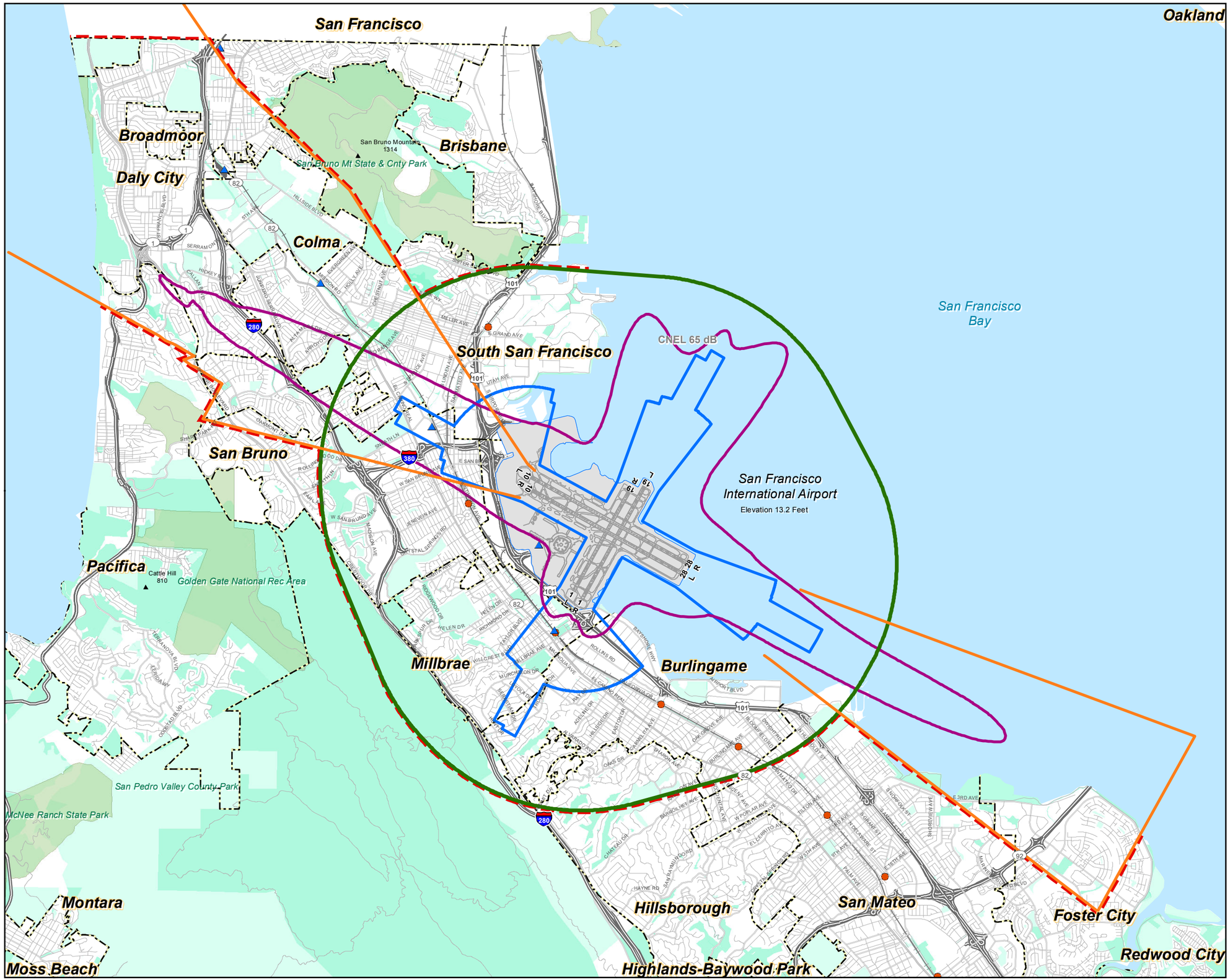

LEGEND

- Boundary for Airport Influence Area B
- Outer Boundary of Safety Zones
- CNEL Contour, 2020 Forecast
- 14 CFR Part 77 Conical Surface
- Outer Boundary of TERPS Approach and OEI Departure Surfaces
- Airport Property
- BART Station
- CALTRAIN Station
- Municipal Boundary
- Railroad
- Freeway
- Road
- Local Park, Golf Course, Cemetery
- Regional Park or Recreation Area
- Open Space

Sources:

100:1 FAA Notification Zone: Ricondo & Associates, Inc. and Jacobs Consultancy, based on 14 CFR Part 77, Subpart B, Section 77.9.

Outer Boundary of TERPS Approach and OEI Departure Surfaces: San Francisco International Airport, Jacobs Consultancy, and Planning Technology Inc., 2009

Safety Compatibility Zones: Jacobs Consultancy Team, 2009; Ricondo & Associates, Inc., 2011

Noise Contour: URS Corporation and BridgeNet International. Draft Environmental Assessment, San Francisco International Airport Proposed Runway Safety Area Program, June 2011

NORTH

0 0.325 0.65 1.3 Miles

Exhibit IV-2

AIRPORT INFLUENCE AREA B --
LAND USE POLICY ACTION/PROJECT REFERRAL AREA

Comprehensive Airport Land Use Plan
for the Environs of San Francisco International Airport

C/CAG

City/County Association of Governments
of San Mateo County, California

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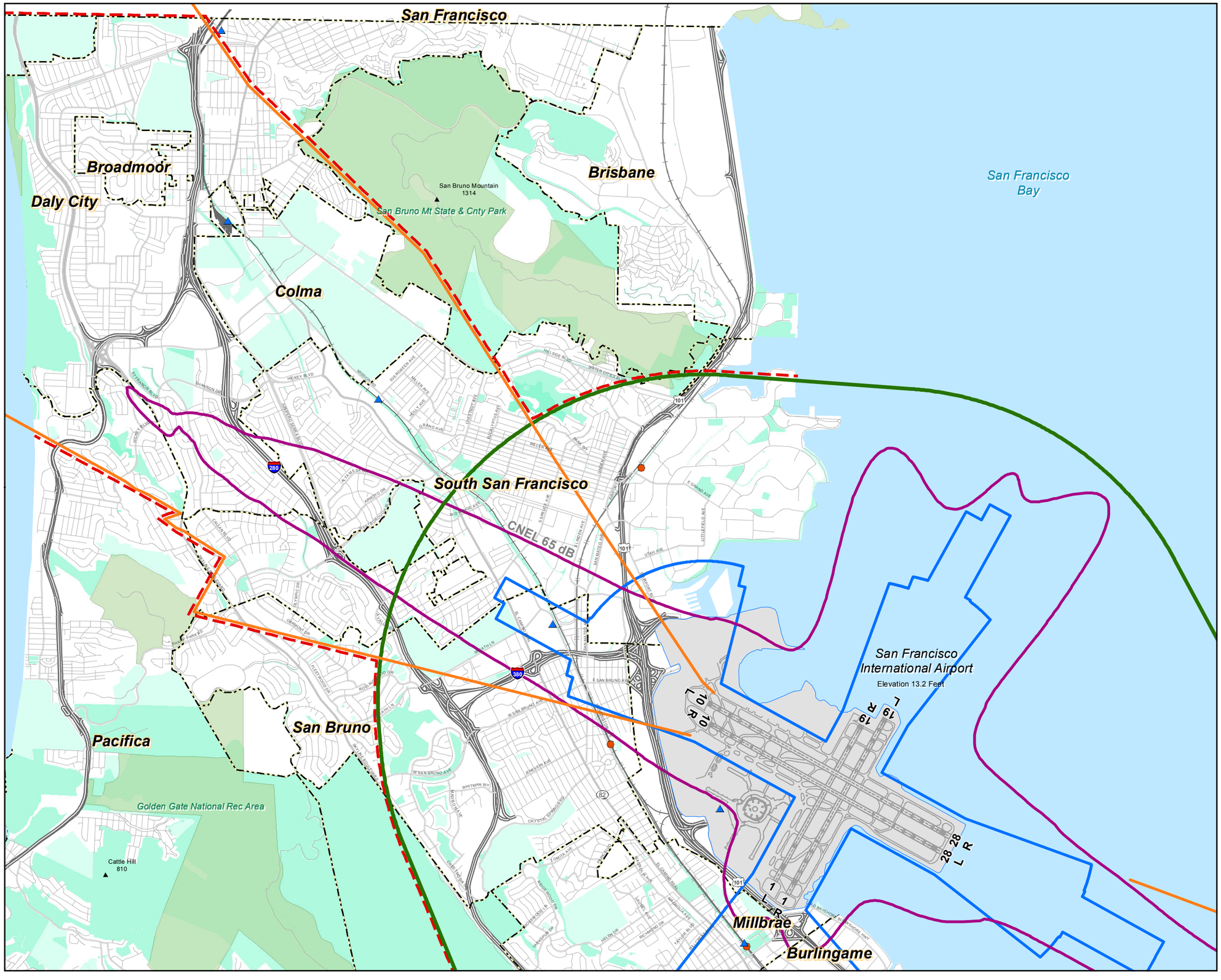

LEGEND

- Boundary for Airport Influence Area B
- Outer Boundary of Safety Zones
- CNEL Contour, 2020 Forecast
- 14 CFR Part 77 Conical Surface
- Outer Boundary of TERPS Approach and OEI Departure Surfaces
- Airport Property
- BART Station
- CALTRAIN Station
- Municipal Boundary
- Railroad
- Freeway
- Road
- Local Park, Golf Course, Cemetery
- Regional Park or Recreation Area
- Open Space

Sources:

100:1 FAA Notification Zone: Ricondo & Associates, Inc. and Jacobs Consultancy, based on 14 CFR Part 77, Subpart B, Section 77.9.

Outer Boundary of TERPS Approach and OEI Departure Surfaces: San Francisco International Airport, Jacobs Consultancy, and Planning Technology Inc., 2009

Safety Compatibility Zones: Jacobs Consultancy Team, 2009; Ricondo & Associates, Inc., 2011

Noise Contour: URS Corporation and BridgeNet International. Draft Environmental Assessment, San Francisco International Airport Proposed Runway Safety Area Program, June 2011

NORTH

0 0.2 0.4 0.8 Miles

Exhibit IV-3

AIRPORT INFLUENCE AREA B -- NORTH SIDE

Comprehensive Airport Land Use Plan for the Environs of San Francisco International Airport

C/CAG

City/County Association of Governments of San Mateo County, California

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IP-2 AIRPORT INFLUENCE AREA B – POLICY/PROJECT REFERRAL AREA

Within Area B, the Airport Land Use Commission (the C/CAG Board) shall exercise its statutory duties to review proposed land use policy actions, including new general plans, specific plans, zoning ordinances, plan amendments and rezonings, and land development proposals. The real estate disclosure requirements in Area A also apply in Area B. For the purposes of this policy, parcels along the edge of the Area B Boundary that are split by the boundary shall be considered as fully being within Area B.

Portions of unincorporated San Mateo County and the following municipalities are located within Area B:

- Daly City – small part of the city in the Serramonte area
- Colma –the entire town
- Pacifica – north and northeast of the city
- South San Francisco – all but north and west sides of the city
- San Bruno – all but northwest corner of the city
- Millbrae – the entire city
- Burlingame – the entire city
- Hillsborough – the northern part of the town, north of Chateau Drive
- San Mateo – a few blocks in the City of San Mateo
- Foster City – the northern part of the City
- Unincorporated San Mateo County: California Golf Club, Country Club Park, Burlingame Hills, and San Francisco International Airport

The following special districts are located within Area B of the AIA:

- North San Mateo County Sanitation District
- Peninsula Health Care District
- San Mateo County Flood Control District
- San Mateo County Harbor District
- San Mateo County Mosquito & Vector Control District
- Westborough County Water District

The following school districts and community college district are located within Area B:

- Bayshore Elementary School District
- Brisbane Elementary School District
- Burlingame Elementary School District

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- Hillsborough City Elementary School District
- Jefferson Elementary School District
- Jefferson Union High School District
- Millbrae Elementary School District
- Pacifica School District
- San Bruno Park Elementary School District
- San Mateo County Community College District
- San Mateo Foster City Elementary School District
- San Mateo Union High School District
- South San Francisco Elementary School District

4.3 Noise Compatibility Policies

The airport noise compatibility policies described in this section have a two-fold purpose:

1. To protect the public health, safety, and welfare by minimizing the exposure of residents and occupants of future noise-sensitive development to excessive noise.

2. To protect the public interest in providing for the orderly development of SFO by ensuring that new development in the Airport environs complies with all requirements necessary to ensure compatibility with aircraft noise in the area. The intent is to avoid the introduction of new incompatible land uses into the Airport's "noise impact area" so that the Airport will continue to be in compliance with the State Noise Standards for airports (California Code of Regulations, Title 21, Sections 5012 and 5014).[3]

The following noise compatibility policies (NP) shall apply to the ALUCP.

NP-1 NOISE COMPATIBILITY ZONES

For the purposes of this ALUCP, the projected 2020 CNEL noise contour map from the Draft Environmental Assessment for the Proposed Runway Safety Area Program shall define the boundaries within which noise compatibility policies described in this Section shall apply.[4] **Exhibit IV-5** depicts the noise compatibility zones. More detail is provided on **Exhibit IV-6**. The zones are defined by the CNEL 65, 70 and 75 dB contours.

[3] In 2002, the San Mateo County Board of Supervisors declared that the Airport had eliminated its "noise impact area," as defined under state law -- California Code of Regulations, Title 21, Sections 5012 and 5014.

[4] URS Corporation and BridgeNet International. *Draft Environmental Assessment, Proposed Runway Safety Area Program, San Francisco International Airport*, June 2011.

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and associated with human disease of varying severity.

b. Biosafety Level 3 practices, safety equipment, and facility design and construction are applicable to clinical, diagnostic, teaching, research, or production facilities in which work is done with indigenous or exotic agents with a potential for respiratory transmission, and which may cause serious and potentially lethal infection.

c. Biosafety Level 4 practices, safety equipment, and facility design and construction are applicable for work with dangerous and exotic agents that pose a high individual risk of life-threatening disease, which may be transmitted via the aerosol route and for which there is no available vaccine or therapy.

4.5 Airspace Protection

The compatibility of proposed land uses with respect to airspace protection shall be evaluated in accordance with the policies set forth in this section. These policies are established with a twofold purpose:

1. To protect the public health, safety, and welfare by minimizing the public's exposure to potential safety hazards that could be created through the construction of tall structures.

2. To protect the public interest in providing for the orderly development of SFO by ensuring that new development in the Airport environs avoids compromising the airspace in the Airport vicinity. This avoids the degradation in the safety, utility, efficiency, and air service capability of the Airport that could be caused by the attendant need to raise visibility minimums, increase minimum rates of climb, or cancel, restrict, or redesign flight procedures.

4.5.1 FEDERAL REGULATIONS REGARDING TALL STRUCTURES

14 Code of Federal Regulations (CFR) Part 77, *Safe, Efficient Use and Preservation of the Navigable Airspace*, governs the FAA's review of proposed construction exceeding certain height limits, defines airspace obstruction criteria, and provides for FAA aeronautical studies of proposed construction. **Appendix F** describes the FAA airspace review process and the extent of FAA authority related to airspace protection.

4.5.2 PART 77, SUBPART B, NOTIFICATION PROCESS

Federal regulations require any person proposing to build a new structure or alter an existing structure with a height that would exceed the elevations described in CFR Part 77, Subpart B, Section 77.9, to prepare an FAA Form 7460-1, *Notice of Proposed Construction or Alteration*, and submit the notice to the FAA. The regulations apply to buildings and other structures or portions of structures, such as mechanical equipment, flag poles, and other projections that may exceed the aforementioned elevations.

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Exhibit IV-10 depicts the approximate elevations at which the 14 CFR Part 77 notification requirements would be triggered; see **Exhibit IV-11** for a close-up view of the northern half and **Exhibit IV-12** for a close-up view of the southern half of the area. These exhibits are provided for informational purposes only. Official determinations of the areas and elevations within which the federal notification requirements apply are subject to the authority of the FAA. The FAA is empowered to require the filing of notices for proposed construction based on considerations other than height. For example, in some areas of complex airspace and high air traffic volumes, the FAA may be concerned about the potential for new construction of any height to interfere with electronic navigation aids. In these areas, the FAA will want to review all proposed construction projects.

The FAA has developed an on-line tool for project sponsors to use in determining whether they are required to file a Notice of Proposed Construction or Alteration. Sponsors of proposed projects are urged to refer to this website to determine whether they are required to file Form 7460-1 with the FAA:

https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToolForm

4.5.3 AIRSPACE MAPPING

Part 77, Subpart C, establishes obstruction standards for the airspace around airports including approach zones, conical zones, transitional zones, and horizontal zones known as "imaginary surfaces." **Exhibit IV-13** depicts the Part 77 Civil Airport Imaginary Surfaces at SFO. The imaginary surfaces rise from the primary surface, which is at ground level immediately around the runways. The surfaces rise gradually along the approach slopes associated with each runway end and somewhat more steeply off the sides of the runways. The FAA considers any objects penetrating these surfaces, whether buildings, trees or vehicles travelling on roads and railroads, as obstructions to air navigation. Obstructions may occur without compromising safe air navigation, but they must be marked, lighted, and noted on aeronautical publications to ensure that pilots can see and avoid them.

Close-up views of the north and south sides of the Part 77 surfaces are provided in **Exhibit IV-14** and **Exhibit IV-15**, respectively. Additionally, **Exhibit IV-16** provides an illustration of the outer approach and transitional surfaces located on the southeast side of the Part 77 surfaces.

Together with its tenant airlines, SFO has undertaken a mapping effort to illustrate the critical aeronautical surfaces that protect the airspace required for multiple types of flight procedures such as those typically factored into FAA aeronautical studies, as shown on **Exhibit IV-17** and **Exhibit IV-18**. These aeronautical surfaces include those established in accordance with FAA Order 8260.3B, *U.S. Standard for Terminal Instrument Procedures (TERPS)*, and a surface representing the airspace required for One-Engine Inoperative (OEI) departures from Runway 28L (to the west through the San Bruno Gap).[16] The exhibits depict the lowest elevations from the combination of the OEI procedure surface and all TERPS surfaces. The surfaces are defined with Required Obstacle Clearance (ROC) criteria to ensure safe separation of aircraft using the procedures from the underlying obstacles. Any proposed structures penetrating these surfaces are likely to receive Determinations of Hazard (DOH) from the FAA through the 7460-1 aeronautical study process. These surfaces indicate the maximum height at which structures can be considered compatible with Airport operations.

[16] See Appendix F, Section F.3.2 for a discussion of one-engine inoperative procedures.

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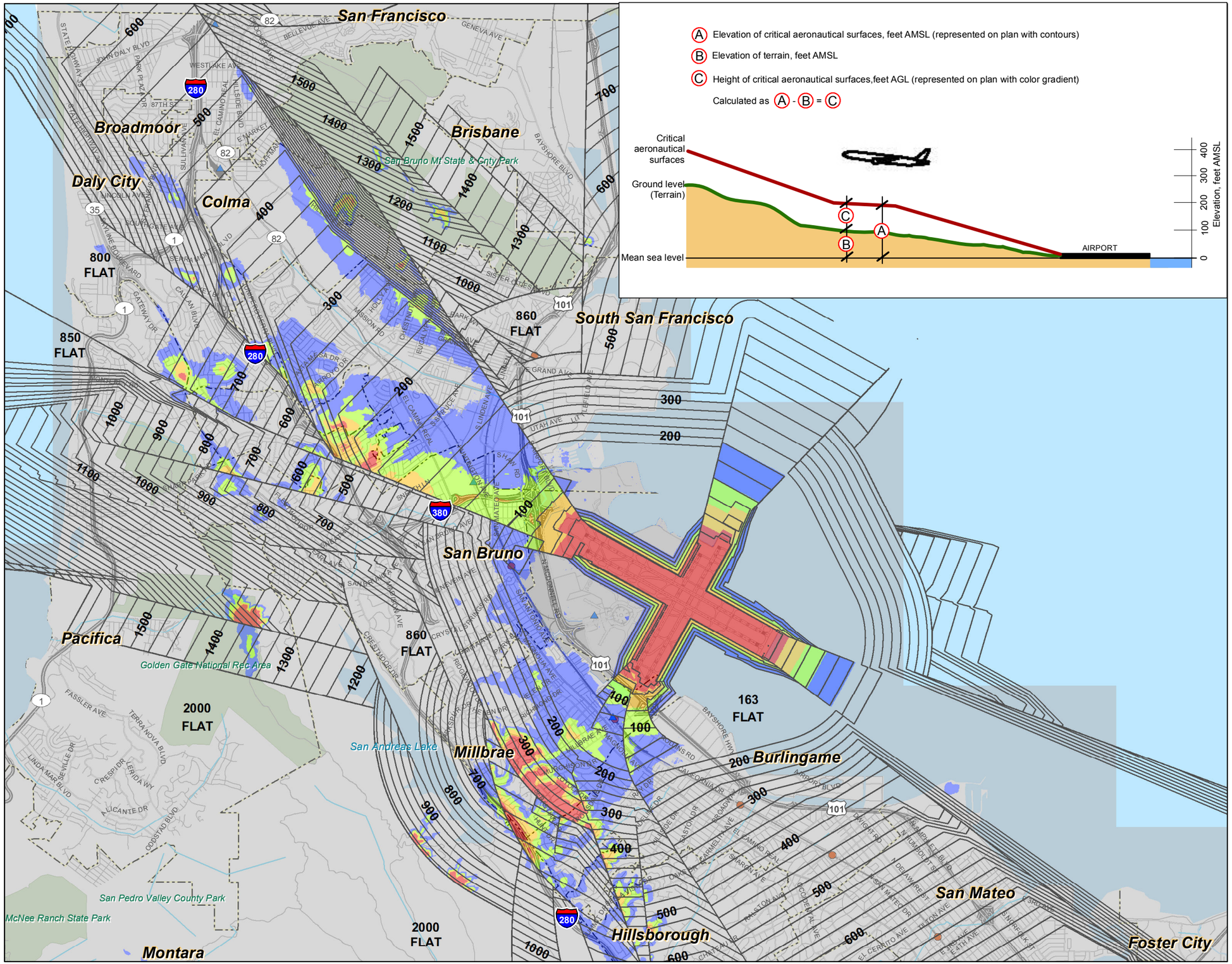

LEGEND

- (A) 100 — Elevation of critical aeronautical surfaces, feet Above Mean Sea Level (AMSL), North American Vertical Datum of 1988 (NAVD88)
- (C) **Height of Critical Aeronautical Surfaces, Feet Above Ground Level (AGL)**
  - 35 and lower
  - 35- 65
  - 65 - 100
  - 100 - 150
  - 150 and more
  - Airport Property
  - BART Station
  - CALTRAIN Station
  - Regional Park or Recreation Area
  - Municipal Boundary
  - Railroad
  - Freeway
  - Road

Notes:

1. This map is intended for informational and conceptual planning purposes, generally representing the aeronautical surfaces considered most critical by San Francisco International Airport (SFO) and its constituent airlines. It does not represent actual survey data, nor should it be used as the sole source of information regarding compatibility with airspace clearance requirements in the development of data for an FAA Form 7460-1, Notice of Proposed Construction or Alteration. SFO does not certify its accuracy, information, or title to the properties contained in this plan. SFO does make any warrants of any kind, express or implied, in fact or by law, with respect to boundaries, easements, restrictions, claims, overlaps, or other encumbrances affecting such properties.

2. This map does not replace the FAA's obstruction evaluation / airport airspace analysis (OE/AAA) review process. Proposing construction at elevations and heights that are lower than the critical aeronautical surfaces shown on this map, (a) does not relieve the construction sponsor of the obligation to file an FAA Form 7460-1, and (b) does not ensure that the proposal will be acceptable to the FAA, SFO, air carriers, or other agencies or stakeholders. SFO, San Mateo County, and local authorities having jurisdiction reserve the right to re-assess, review, and seek modifications to projects that may be consistent with this critical aeronautical surfaces map but that through the FAA OE/AAA process are found to have unexpected impacts to the safety or efficiency of operations at SFO.

Sources: San Francisco International Airport, Jacobs Consultancy, and Planning Technology Inc., 2009

NORTH

0 0.25 0.5 1 Miles

Exhibit IV-17

CRITICAL AERONAUTICAL SURFACES -- NORTHWEST SIDE

Comprehensive Airport Land Use Plan for the Environs of San Francisco International Airport

C/CAG

City/County Association of Governments of San Mateo County, California

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Exhibit IV-19, which is provided for information purposes only, depicts a profile view of the lowest critical airspace surfaces along the extended centerline of Runway 10L-28R – the TERPS Obstacle Departure Procedure (ODP) surface, representing standard all-engines departures, and the approximate OEI surface developed by SFO through independent study in consultation with the airlines serving SFO. The exhibit also shows the terrain elevation beneath the airspace surfaces and various aircraft approach and departure profiles, based on varying operating assumptions. The exhibit illustrates a fundamental principle related to the design of airspace protection surfaces. The surfaces are always designed below the actual aircraft flight profile which they are designed to protect, thus providing a margin of safety. Note that the ODP climb profile is above the ODP airspace surface, and the OEI climb profile is above the OEI airspace surface.

4.5.4 AIRSPACE PROTECTION POLICIES

The following airspace protection policies (AP) shall apply to the ALUCP.

AP-1 COMPLIANCE WITH 14 CFR PART 77, SUBPART B, NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

AP-1.1 Local Government Responsibility to Notify Project Sponsors

Local governments should notify sponsors of proposed projects at the earliest opportunity to file Form 7460-1, *Notice of Proposed Construction or Alteration*, with the FAA for any proposed project that would exceed the FAA notification heights, as shown approximately on Exhibit IV-10. Under Federal law, it is the responsibility of the project sponsor to comply with all notification and other requirements described in 14 CFR Part 77. This requirement applies independent of this ALUCP.

AP-1.2 FAA Aeronautical Study Findings Required Before Processing Development Application

The sponsor of a proposed project that would exceed the FAA notification heights, as shown approximately on Exhibit IV-10, shall present to the local government permitting agency with his or her application for a development permit, a copy of the findings of the FAA's aeronautical study, or evidence demonstrating that he or she is exempt from having to file an FAA Form 7460-1. It is the responsibility of the local agency to consider the FAA determination study findings as part of its review and decision on the proposed project.

AP-2 COMPLIANCE WITH FINDINGS OF FAA AERONAUTICAL STUDIES

Project sponsors shall be required to comply with the findings of FAA aeronautical studies with respect to any recommended alterations in the building design and height and any recommended marking and lighting of their structures for their proposed projects to be deemed consistent with this ALUCP.

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AP-3 MAXIMUM COMPATIBLE BUILDING HEIGHT

In order to be deemed consistent with the ALUCP, the maximum height of a new building must be the lower of (1) the height shown on the SFO critical aeronautical surfaces map (Exhibits IV-17 and IV-18), or (2) the maximum height determined not to be a "hazard to air navigation" by the FAA in an aeronautical study prepared pursuant to the filing of Form 7460-1.

For the vast majority of parcels, the height limits established in local zoning ordinances are lower than the critical airspace surfaces. In those cases, the zoning district height regulations will control. Compliance with the zoning district height and the SFO critical aeronautical surfaces map, however, does not relieve the construction sponsor of the obligation to file a FAA Form 7460-1 *Notice of Proposed Construction or Alteration*, if required, and to comply with the determinations resulting from the FAA's aeronautical study.

For a project to be consistent with this ALUCP, no local agency development permits shall be issued for any proposed structure that would penetrate the aeronautical surfaces shown on Exhibits IV-17 and IV-18 or the construction of which **has not** received a Determination of No Hazard from the FAA, or which would cause the FAA to increase the minimum visibility requirements for any instrument approach or departure procedure at the Airport.

AP-4 OTHER FLIGHT HAZARDS ARE INCOMPATIBLE

Proposed land uses with characteristics that may cause visual, electronic, or wildlife hazards, particularly bird strike hazards, to aircraft taking off or landing at the Airport or in flight are incompatible in Area B of the Airport Influence Area. They may be permitted only if the uses are consistent with FAA rules and regulations. Proof of consistency with FAA rules and regulations and with any performance standards cited below must be provided to the Airport Land Use Commission (C/CAG Board) by the sponsor of the proposed land use action.

Specific characteristics that may create hazards to aircraft in flight and which are incompatible include:

(a) Sources of glare, such as highly reflective buildings or building features, or bright lights, including search lights or laser displays, which would interfere with the vision of pilots making approaches to the Airport.

(b) Distracting lights that that could be mistaken by pilots on approach to the Airport for airport identification lighting, runway edge lighting, runway end identification lighting, or runway approach lighting.

(c) Sources of dust, smoke, or water vapor that may impair the vision of pilots making approaches to the Airport.

(d) Sources of electrical interference with aircraft or air traffic control communications or navigation equipment, including radar.

(e) Land uses that, as a regular byproduct of their operations, produce thermal plumes with the potential to rise high enough and at sufficient velocities to interfere with the control of aircraft in

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flight. Upward velocities of 4.3 meters (14.1 feet) per second at altitudes above 200 feet above the ground shall be considered as potentially interfering with the control of aircraft in flight.[17]

(f) Any use that creates an increased attraction for wildlife, particularly large flocks of birds, that is inconsistent with FAA rules and regulations, including, but not limited to, FAA Order 5200.5A, *Waste Disposal Sites On or Near Airports*, FAA Advisory Circular 150/5200-33B, *Hazardous Wildlife Attractants On or Near Airports*, and any successor or replacement orders or advisory circulars. Exceptions to this policy are acceptable for wetlands or other environmental mitigation projects required by ordinance, statute, court order, or Record of Decision issued by a federal agency under the National Environmental Policy Act.

4.5.5 iALP AIRSPACE TOOL

In consultation with C/CAG, SFO developed the iALP Airspace Tool, a web-based, interactive tool to evaluate the relationship of proposed buildings with the Airport's critical airspace surfaces. The iALP Airspace Tool is designed to assist planners, developers, and other interested persons with the implementation of the airspace protection policies of the SFO ALUCP. The tool helps users determine: (1) the maximum allowable building height at a given site, and/or (2) whether a building penetrates a critical airspace surface, and by how much, given the proposed building height.

A more detailed description of the iALP Airspace Tool and a tutorial explaining how to use it is presented in **Appendix J**. Use of this tool, however, does not relieve a project sponsor of the duty to comply with all federal regulations, including the obligation to file Form 7460-1, Notice of Proposed Construction or Alteration, with the FAA.

[17] This is a threshold established by the California Energy Commission in its review of power plant licensing applications. See *Blythe Solar Power Project: Supplemental Staff Assessment, Part 2*,. CEC-700-2010-004-REV1-SUP-PT2, July 2010. California Energy Commission. Docket Number 09-AFC-6, p. 25. This criterion is based on guidance established by the Australian Government Civil Aviation Authority (Advisory Circular AC 139-05(0), June 2004). The FAA's Airport Obstructions Standards Committee (AOSC) is studying this matter but has not yet issued specific guidance.

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State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Bay Delta Region
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GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director

December 7, 2023

Billy Gross
City of South San Francisco
315 Maple Avenue
South San Francisco, CA 94080
billy.gross@ssf.net

Subject: Infinite 131 Project, Notice of Preparation of a Draft Environmental Impact Report, SCH No. 2023110023, City of South San Francisco, San Mateo County

Dear Mr. Gross:

The California Department of Fish and Wildlife (CDFW) received a Notice of Preparation (NOP) of a Draft Environmental Impact Report (EIR) from the City of South San Francisco (City) for the Infinite 131 Project (Project).

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish and wildlife. Likewise, we appreciate the opportunity to provide comments regarding those aspects of the Project that CDFW, by law, may be required to carry out or approve through the exercise of its own regulatory authority under the Fish and Game Code.

CDFW ROLE

CDFW is a **Trustee Agency** with responsibility under the California Environmental Quality Act (CEQA) for commenting on projects that could impact fish, plant, and wildlife resources (Pub. Resources Code, § 21000 et seq.; Cal. Code Regs., tit. 14, § 15386). CDFW is also considered a **Responsible Agency** if a project would require discretionary approval, such as a permit pursuant to the California Endangered Species Act (CESA) or Native Plant Protection Act (NPPA), the Lake and Streambed Alteration (LSA) Program, and other provisions of the Fish and Game Code that afford protection to the state's fish and wildlife trust resources. Pursuant to our authority, CDFW has the following concerns, comments, and recommendations regarding the Project.

PROJECT DESCRIPTION AND LOCATION

The proposed Project consists of the demolition of approximately 126,750 square feet (sf) of industrial and operational uses that are currently occupied by the Golden Gate Produce Terminal, along with approximately 116,572 sf of open-air structures (e.g., loading docks, trash compactor areas), on a 17.67-acre site identified as Assessor's Parcel Number (APN) 015-113-210. The proposed Project would construct

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approximately 1.7 million sf of research-and-development uses and amenities within six buildings, ranging from two to six stories, and two parking garages that are above and below ground level. The proposed Project would also amend the General Plan, Specific Plan, and Zoning Code to redesignate five parcels north of the Project site across Terminal Court, APNs 015-113-350, 015-113-290, 015-113-340, 015-113-330, and 015-113-320, to be consistent with the proposed land use and zoning for the Project site.

The Project site is located in the City of South San Francisco, at 131 Terminal Court, South San Francisco, CA 94080, Latitude 37.64577, Longitude -122.40729, APNs: 015-113-210, 015-113-350, 015-113-290, 015-113-340, 015-113-330, and 015-113-320.

The CEQA Guidelines (Cal. Code Regs., tit. 14, § 15000 et seq.) require that the EIR incorporate a full Project description, including reasonably foreseeable future phases of the Project, that contains sufficient information to evaluate and review the Project's environmental impact (CEQA Guidelines, §§ 15124 & 15378). Please include a complete description of the following Project components in the Project description:

- Land use changes resulting from, for example, rezoning certain areas;
- Footprints of permanent Project features and temporarily impacted areas, such as staging areas and access routes;
- Area and plans for any proposed buildings/structures, ground-disturbing activities, fencing, paving, stationary machinery, landscaping, and stormwater systems;
- Operational features of the Project, including level of anticipated human presence (describe seasonal or daily peaks in activity, if relevant), artificial lighting/light reflection, noise, traffic generation, and other features; and
- Construction schedule, activities, equipment, and crew sizes.

REGULATORY REQUIREMENTS

California Endangered Species Act and Native Plant Protection Act

Please be advised that a CESA Incidental Take Permit (ITP) must be obtained if the Project has the potential to result in "take" of plants or animals listed under CESA or NPPA, either during construction or over the life of the Project. Under CESA, "take" means "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill." (Fish & G. Code, § 86). If the Project will impact CESA listed species, such as those identified in **Attachment 1**, early consultation is encouraged, as significant modification to the Project and mitigation measures may be required in order to obtain a CESA ITP. CDFW's issuance of an ITP is subject to CEQA and to facilitate Permit

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issuance, any such Project modifications and mitigation measures must be incorporated into the EIR's analysis, discussion, and mitigation monitoring and reporting program.

CEQA requires a Mandatory Finding of Significance if a project is likely to substantially restrict the range or reduce the population of a threatened or endangered species (Pub. Resources Code, §§ 21001, subd. (c) & 21083; CEQA Guidelines, §§ 15380, 15064, & 15065). In addition, pursuant to CEQA, the Lead Agency cannot approve a project unless all impacts to the environment are avoided or mitigated to less-than-significant levels, or the Lead Agency makes and supports findings of overriding consideration for impacts that remain significant despite the implementation of all feasible mitigation. Findings of Overriding Consideration (FOC) under CEQA, however, do not eliminate the Project proponent's obligation to comply with the Fish and Game Code.

Lake and Streambed Alteration

An LSA Notification, pursuant to Fish and Game Code sections 1600 et. seq., is required for Project activities affecting lakes or streams and associated riparian habitat. Notification is required for any activity that will substantially divert or obstruct the natural flow; change or use material from the bed, channel, or bank including associated riparian or wetland habitat; or deposit or dispose of material where it may pass into a river, lake or stream. Work within ephemeral streams, washes, watercourses with a subsurface flow, and floodplains are generally subject to notification requirements. CDFW may not execute the final LSA Agreement until it has considered the final EIR and complied with its responsibilities as a responsible agency under CEQA.

Fully Protected Species

Fully protected species may not be taken or possessed at any time and no licenses or permits may be issued for their take, except for collecting these species for necessary scientific research, management, or relocation of a fully protected bird species for the protection of livestock. Take of any fully protected species is prohibited, and CDFW cannot authorize their take in association with a general project except under the provisions of a Natural Communities Conservation Plan (NCCP), Fish and Game Code section 2081.7, a Restoration Management Permit, or a Memorandum of Understanding for scientific research purposes. "Scientific Research" does not include an action taken as part of specified mitigation for a project, as defined in section 21065 of the Public Resources Code.

ENVIRONMENTAL SETTING

The draft EIR should provide sufficient information regarding the environmental setting ("baseline") to understand the Project's, and its alternatives (if applicable), potentially significant impacts on the environment (CEQA Guidelines, §§ 15125 & 15360).

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CDFW recommends that the CEQA document prepared for the Project provide baseline habitat assessments for special-status plant, fish and wildlife species located and potentially located within the Project area and surrounding lands, including, but not limited to, all rare, threatened, or endangered species (CEQA Guidelines, § 15380). The EIR should describe aquatic habitats, such as wetlands or waters of the U.S. or state, and any sensitive natural communities or riparian habitat occurring on or adjacent to the Project site (for sensitive natural communities see: https://wildlife.ca.gov/Data/VegCAMP/NaturalCommunities#sensitive%20natural%20communities), and any stream or wetland set back distances the City may require. Fully protected, threatened, or endangered, candidate, and other special-status species that are known to occur, or have the potential to occur in or near the Project site, include, but are not limited to, those listed in **Attachment 1**.

Habitat descriptions and the potential for species occurrence included in the EIR should include robust information from multiple sources: aerial imagery, historical and recent survey data, field reconnaissance, scientific literature and reports, U.S. Fish and Wildlife Service's (USFWS) Information, Planning, and Consultation System, California Aquatic Resources Inventory, and findings from "positive occurrence" databases such as California Natural Diversity Database (CNDDB). Only with sufficient data and information from the habitat assessment, can the City adequately assess which special-status species are likely to occur on or near the Project site, and whether they could be impacted by the Project.

CDFW recommends that prior to Project implementation, surveys be conducted for special-status species with potential to occur, following recommended survey protocols if available. Survey and monitoring protocols and guidelines are available at: https://www.wildlife.ca.gov/Conservation/Survey-Protocol.

Botanical surveys for special-status plant species, including those with a California Rare Plant Rank (CRPR) (http://www.cnps.org/cnps/rareplants/inventory/)[1], must be conducted during the blooming period within the Project area and adjacent habitats that may be indirectly impacted by, for example, changes to hydrological conditions, and require the identification of reference populations. More than one year of surveys may be necessary based on environmental conditions. Please refer to CDFW protocols for surveying and evaluating impacts to special-status plants available at: https://www.wildlife.ca.gov/Conservation/Plants.

[1] CRPR 1B plants are considered rare, threatened, or endangered in California and elsewhere. Further information on CRPR ranks is available in CDFW's *Special Vascular Plants, Bryophytes, and Lichens List* (https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=109383&inline) and on the California Native Plant Society website (https://www.cnps.org/rare-plants/cnps-inventory-of-rare-plants).

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IMPACT ANALYSIS AND MITIGATION MEASURES

The draft EIR should discuss all direct and indirect impacts (temporary and permanent) that may occur with implementation of the Project (CEQA Guidelines, § 15126.2). This includes evaluating and describing impacts such as:

- Land use changes that would reduce open-space or agricultural land uses and increase residential or other land use involving increased development;
- Encroachments into riparian habitats, wetlands or other sensitive areas;
- Potential for impacts to special-status species;
- Loss or modification of breeding, nesting, dispersal and foraging habitat, including vegetation removal, alternation of soils and hydrology, and removal of habitat structural features (e.g., snags, roosts, vegetation overhanging banks);
- Permanent and temporary habitat disturbances associated with ground disturbance, noise, lighting, reflection, air pollution, traffic or human presence; and
- Obstruction of movement corridors, fish passage, or access to water sources and other core habitat features related directly to Project construction and indirectly through water supply impacts to stream resources resulting from Project implementation.

The draft EIR should also identify existing and reasonably foreseeable future projects in the Project vicinity, disclose any cumulative impacts associated with these projects, determine the significance of each cumulative impact, and assess the significance of the project's contribution to each impact (CEQA Guidelines, §15355). Although a project's impacts may be insignificant individually, its contributions to a cumulative impact may be considerable; a contribution to a significant cumulative impact – e.g., reduction of available habitat for a special-status species – should be considered cumulatively considerable without mitigation to minimize or avoid the impact.

The CEQA Guidelines direct the City, as the Lead Agency, to consider and describe in the EIR all feasible mitigation measures to avoid and/or mitigate potentially significant impacts of the Project on the environment based on comprehensive analysis of the direct, indirect, and cumulative impacts of the Project (CEQA Guidelines, §§ 15021, 15063, 15071, 15126.2, 15126.4 & 15370). This should include a discussion of impact avoidance and minimization measures for special-status species, which are recommended to be developed in early consultation with CDFW, USFWS, and the National Marine Fisheries Service. These measures can then be incorporated as

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enforceable Project conditions to reduce potential impacts to biological resources to less-than-significant levels.

COMMENTS AND RECOMMENDATIONS

COMMENT 1: Riparian Setbacks

Issue: The Project has the potential to encroach into the riparian zone from development of a new research and development building. Encroachment into the riparian zone can negatively impact sensitive riparian and aquatic species through reduction of habitat and decreased water quality. The Project could cause altered channel bed material mobilization and distribution and increased channel scour, which could affect native fish, aquatic organisms, and riparian communities. The Project's construction and operation activities could also cause significant alteration of substrate and increased stream sedimentation that could disrupt or deter fish spawning, other aquatic fauna reproduction, and impair aquatic habitat diversity.

Evidence impact would be significant: Riparian vegetation, and associated floodplains, provide many essential benefits to stream and aquatic species habitat, including thermal protection, cover, and large woody debris (Moyle 2002, CDFW 2007). Development adjacent to the riparian zone can result in fragmentation of riparian habitat and decreases in native species abundance and biodiversity (Davies et al. 2001, Hansen et al. 2005, CDFW 2007). Riparian buffers help keep pollutants from entering adjacent waters through a combination of processes including dilution, sequestration by plants and microbes, biodegradation, chemical degradation, volatilization, and entrapment within soil particles. Narrow riparian buffers are considerably less effective in minimizing the effects of adjacent development than wider buffers (Castelle et al. 1992, Brosofske et al. 1997, Dong et al. 1998, Kiffney et al. 2003, Moore et al. 2005).

Recommendation 1: CDFW recommends the Project establish and the draft EIR incorporate riparian buffer zones to limit development and vegetation clearing to outside of and away from riparian areas. CDFW is available to consult with the City to determine appropriate site-specific riparian buffers to reduce impacts to sensitive species and riparian habitat to less-than-significant. At a minimum, CDFW recommends a 50-foot riparian buffer as measured from the top of streambank to the nearest Project infrastructure.

Recommendation 2: CDFW recommends the Project perform an assessment to determine if bank stabilization is necessary. If the assessment determines that bank stabilization is necessary to protect existing infrastructure, CDFW recommends that it 1) does not include concrete, 2) limits the amount of rock or other hardscape, and 3) focuses on a bioengineered approach with appropriate native plantings.

COMMENT 2: San Francisco Garter Snake

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Issue: The Project is located less than one mile north of one of the largest remaining populations of San Francisco garter snake (*Thamnophis sirtalis tetrataenia*), a state and federally listed as endangered species and a state fully protected species (CNDDB 2023, USFWS 2020). The Project is immediately adjacent to a channel that may provide habitat for San Francisco garter snake. Project activities could disturb or remove vegetation adjacent to the channel leading to injury or mortality of San Francisco garter snake. In addition, vehicles and heavy equipment operating at the Project site could run over basking San Francisco garter snake, causing injury or mortality.

Evidence Impact would be significant: The San Francisco garter snake is an endemic snake with a highly limited range in the San Francisco Peninsula. They are threatened by loss of habitat from agricultural, commercial, and urban development, illegal collection by reptile breeders, and decline of their prey species, California red-legged frog (*Rana draytonii*) (USFWS 2007, USFWS 2020). Project activities could cause injury or mortality of San Francisco garter snakes if they are present at or near the Project site, which could result in a substantial reduction in the San Francisco garter snake population.

Recommendation 1: CDFW recommends that the draft EIR provide a detailed San Francisco garter snake habitat assessment at and near the Project site, including identification of upland sites for basking; rodent burrows for shelter; and slow, flowing aquatic habitat, such as streams and low-lying marshes, for feeding and reproduction. A qualified biologist should conduct the habitat assessment prior to initiating Project activities.

A qualified biologist is an individual who holds a bachelor's degree from an accredited university and: 1) is knowledgeable in San Francisco garter snake and other relevant species' life histories and ecology, 2) can correctly identify relevant species, 3) has conducted field surveys for relevant species, 4) is familiar with relevant survey protocols, and 5) is knowledgeable of state and federal laws regarding the protection of sensitive species.

Recommendation 2: If the habitat assessment described above identifies potentially suitable San Francisco garter snake habitat at or near the Project site, the draft EIR should identify whether the habitat can be avoided and how take of San Francisco garter snake will be avoided. The draft EIR should incorporate avoidance measures, in coordination with CDFW, as appropriate.

ENVIRONMENTAL DATA

CEQA requires that information developed in EIRs and negative declarations be incorporated into a database which may be used to make subsequent or supplemental environmental determinations (Pub. Resources Code, § 21003, subd. (e)). Accordingly,

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please report any special-status species and natural communities detected during Project surveys to CNDDB. The CNDDB online field survey form and other methods for submitting data can be found at the following link: https://wildlife.ca.gov/Data/CNDDB/Submitting-Data. The types of information reported to CNDDB can be found at the following link: https://wildlife.ca.gov/Data/CNDDB/Plantsand-Animals.

FILING FEES

CDFW anticipates that the proposed Project will have an impact on fish and/or wildlife, and assessment of filing fees is necessary to defray the costs of CDFW's review under CEQA (Fish & G. Code, § 711.4; Pub. Resources Code, § 21089). Fees are payable upon filing of the Notice of Determination by the Lead Agency.

If you have any questions, please contact Wesley Stokes, Senior Environmental Scientist (Supervisory), at (707) 339-6066 or Wesley.Stokes@wildlife.ca.gov.

Sincerely,

DocuSigned by:
Erin Chappell
B77E9A6211EF486...

Erin Chappell
Regional Manager
Bay Delta Region

Attachment 1: Special-Status Species

ec: Office of Planning and Research, State Clearinghouse (SCH No. 2023110023)

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ATTACHMENT 1: Special-Status Species

Species Name	Common Name	Status
Thamnophis sirtalis tetrataenia	San Francisco garter snake	FE, SE, FP
Rana draytonii	California red-legged frog	FT, SSC
Rana boylii **pop. 1**	foothill yellow-legged frog - north coast DPS	SSC
Rallus obsoletus obsoletus	California Ridgway's rail	FE, SE, FP
Spirinchus thaleichthys	longfin smelt	ST, FC
Acipenser medirostris **pop. 1**	green sturgeon – southern DPS	FT
Corynorhinus townsendii	Townsend’s big-eared bat	SSC
Lasiurus cinereus	hoary bat	NM

FE = federally listed as endangered under the Endangered Species Act (ESA); FT = federally listed as threatened under ESA; FC = candidate for federal listing under ESA; ST = state listed as threatened under CESA; SE = state listed as endangered under CESA; SC = state candidate for listing as endangered under CESA; FP = state fully protected under Fish and Game Code; SSC = state Species of Special Concern; SR = protected under the NPPA of 1977; CRPR = California Rare Plant Rank; DPS = Distinct Population Segment; NM = nongame mammal protected pursuant to Fish and Game Code section 4150.

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California Department of Transportation

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www.dot.ca.gov

December 8, 2023

SCH #: 2023110023
GTS #: 04-SM-2023-00550
GTS ID: 31241
Co/Rt/Pm: SM/101/21.398

Billy Gross, Principal Planner
City of South San Francisco
315 Maple Avenue
South San Francisco, CA 94080

Re: Infinite 131 Project – Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR)

Dear Billy Gross:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the Infinite 131 Project. We are committed to ensuring that impacts to the State's multimodal transportation system and to our natural environment are identified and mitigated to support a safe, sustainable, integrated and efficient transportation system.

The Local Development Review (LDR) Program reviews land use projects and plans to ensure consistency with our mission and state planning priorities. The following comments are based on our review of the November 2023 NOP.

Project Understanding
The proposed project would demolish approximately 126,750 square feet (s.f.) of industrial and operational uses along with approximately 116,572 s.f. of open-air structures. In its place, the proposed project would construct approximately 1.7 million s.f. of research-and-development (R&D) uses and amenities within six buildings, along with two parking garages and additional surface parking. This project site is in vicinity of US-101.

Aeronautics
One of the goals of the Caltrans Aeronautics Program, is to assist cities, counties, and Airport Land Use Commissions or their equivalent (ALUC), to understand and comply with the State Aeronautics Act pursuant to the California Public Utilities Code (PUC), Section 21001 et seq.

The proposed project is in the Airport Influence Area B of the San Francisco International Airport, established by the San Mateo County ALUC pursuant to Section 21675(c). Therefore, the proposed project shall adhere to the safety and land use criteria and restrictions defined in the Airport Land Use Compatibility Plan formed by the ALUC pursuant to the PUC, Section 21674 and Section 21676 and is subject to review authority by the ALUC.

As this proposed project calls for amendments of the General Plan, Specific Plan, and Zoning Code, per the California Public Utilities Code Section 21001 et seq. relating to the State Aeronautics Act, Section 21676(b) prior to the amendment of a general plan…within the planning boundary established by the airport land use commission pursuant to Section 21675, the local agency shall first refer the proposed action to the commission.

The proposed project should also be reviewed to comply with 14 CFR Part 77 Conical Surface standards, Terminal Instrument Procedures (TERPS) Approach and One Engine Inoperative (OEI) Departure Surfaces, and Community Noise Equivalent Level (CNEL) Contours noise compatibility in applicable areas if necessary.

An Airport Land Use Compatibility Plan (ALUCP) is crucial in minimizing noise nuisance and safety hazards around airports while promoting the orderly development of airports, as declared by the California Legislature. A responsibility of the ALUC is to assess potential risk to aircraft and persons in airspace and people occupying areas within the vicinity of the airport.

Travel Demand Analysis
With the enactment of Senate Bill (SB) 743, Caltrans is focused on maximizing efficient development patterns, innovative travel demand reduction strategies, and multimodal improvements. For more information on how Caltrans assesses Transportation Impact Studies, please review Caltrans' Transportation Impact Study Guide (*link*).

If the project meets the screening criteria established in the City's adopted Vehicle Miles Traveled (VMT) policy to be presumed to have a less-than-significant VMT impact and exempt from detailed VMT analysis, please provide justification to support the exempt status in alignment with the City's VMT policy. Projects that do not meet the screening criteria should include a detailed VMT analysis in the DEIR, which should include the following:

- VMT analysis pursuant to the City's guidelines. Projects that result in automobile VMT per capita above the threshold of significance for existing (i.e. baseline) city-wide or regional values for similar land use types may indicate a significant impact. If necessary, mitigation for increasing VMT should be identified. Mitigation should

support the use of transit and active transportation modes. Potential mitigation measures that include the requirements of other agencies such as Caltrans are fully enforceable through permit conditions, agreements, or other legally-binding instruments under the control of the City.

- A schematic illustration of walking, biking and auto conditions at the project site and study area roadways. Potential traffic safety issues to the State Transportation Network (STN) may be assessed by Caltrans via the Interim Safety Guidance *(link)*.

- The project's primary and secondary effects on pedestrians, bicycles, travelers with disabilities and transit performance should be evaluated, including countermeasures and trade-offs resulting from mitigating VMT increases. Access to pedestrians, bicycle, and transit facilities must be maintained.

Hydrology
Any floodplain impacts must be documented and mitigated, please provide floodplain analysis report. Any additional floodplain impacts on existing adjacent properties must be explained; and please ensure that any increase in storm water runoff to State Drainage Systems or Facilities be treated, contained on project site, and metered to preconstruction levels.

Equitable Access
If any Caltrans facilities are impacted by the project, those facilities must meet American Disabilities Act (ADA) Standards after project completion. As well, the project must maintain bicycle and pedestrian access during construction. These access considerations support Caltrans' equity mission to provide a safe, sustainable, and equitable transportation network for all users.

Encroachment Permit
Please be advised that any permanent work or temporary traffic control that encroaches onto Caltrans' ROW requires a Caltrans-issued encroachment permit. As part of the encroachment permit submittal process, you may be asked by the Office of Encroachment Permits to submit a completed encroachment permit application package, digital set of plans clearly delineating Caltrans' ROW, digital copy of signed, dated and stamped (include stamp expiration date) traffic control plans, this comment letter, your response to the comment letter, and where applicable, the following items: new or amended Maintenance Agreement (MA), approved Design Standard Decision Document (DSDD), approved encroachment exception request, and/or airspace lease agreement. Your application package may be emailed to D4Permits@dot.ca.gov.

To obtain information about the most current encroachment permit process and to download the permit application, please visit Caltrans Encroachment Permits *(link)*.

Lead Agency
As the Lead Agency, the City is responsible for all project mitigation, including any needed improvements to the State Transportation Network (STN). The project's fair share contribution, financing, scheduling, implementation responsibilities and lead agency monitoring should be fully discussed for all proposed mitigation measures.

Thank you again for including Caltrans in the environmental review process. Should you have any questions regarding this letter, please contact Melissa Hernandez, Associate Transportation Planner, via LDR-D4@dot.ca.gov. For future early coordination opportunities or project referrals, please contact LDR-D4@dot.ca.gov.

Sincerely,

YUNSHENG LUO
Branch Chief, Local Development Review
Office of Regional and Community Planning

c: State Clearinghouse

Appendix B:
Initial Study

INITIAL STUDY CHECKLIST

INFINITE 131 PROJECT

CITY OF SOUTH SAN FRANCISCO, CALIFORNIA

LEAD AGENCY:

City of South San Francisco
Economic and Community Development Department
315 Maple Avenue
South San Francisco, California, 94080
Contact: Billy Gross
(650) 877-8535
billy.gross@ssf.net

June 2024

ICF. 2024. *Infinite 131 Project Initial Study Checklist*. June. (ICF 104668.0.001.01.) San Francisco. Prepared for City of South San Francisco, South San Francisco, CA.

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Acronyms and Abbreviations

ACM	asbestos-containing materials
ADA	Americans with Disabilities Act
ALUCP	Airport Land Use Compatibility Plan
BAAQMD	Bay Area Air Quality Management District
BART	Bay Area Rapid Transit
BCDC	Bay Conservation and Development Commission
BMP	best management practices
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CHP	California Highway Patrol
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CREC	controlled recognized environmental conditions
CRHR	California Register of Historical Resources
CUPA	Certified Unified Program Agency
DMA	drainage management area
DOT	Department of Transportation
DPM	diesel particulate matter
DTSC	Department of Toxic Substances Control
EIR	environmental impact report
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
ESL	Environmentally Sensitive Land
EV	electric vehicle
FAA	Federal Aviation Administration
FAR	floor area ratio
FEMA	Federal Emergency Management Agency
FHSZ	Fire Hazard Severity Zone
GHG	greenhouse gas
HASP	Health and Safety Plan
HCD	Housing and Community Development
HCP	habitat conservation plan
HREC	historical recognized environmental condition
HVAC	heating, ventilation, and air-conditioning
HVL	highly volatile liquid

IPaC	Information for Planning and Consultation
LEED	Leadership in Energy and Environmental Design
LID	low-impact development
LRA	Local Responsibility Area
MIH	Mixed Industrial High
MRP	Municipal Regional Permit
NAHC	Native American Heritage Commission
NCCP	natural community conservation plan
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NOP	Notice of Preparation
NO_X	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
PCB	polychlorinated biphenyl
PCE	Peninsula Clean Energy
PG&E	Pacific Gas and Electric
POPA	privately owned publicly accessible
PPE	personal protective equipment
PV	photovoltaic
R&D	research and development
RCP	reinforced concrete pipes
REC	recognized environmental conditions
RHNA	Regional Housing Needs Assessment
ROG	reactive organic gases
ROW	right-of-way
RWQCB	Regional Water Quality Control Board
SFO	San Francisco International Airport
SFPUC	San Francisco Public Utilities Commission
SMCEH	San Mateo County Environmental Health
SMCWPPP	San Mateo Countywide Pollution Prevention Program
SMP	Site Management Plan
SRA	State Responsibility Area
SSF	South San Francisco
SSFFD	South San Francisco Fire Department
SSFPD	South San Francisco Police Department
SSFUSD	South San Francisco Unified School District
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Quality Control Board
TAC	toxic air contaminants
TDM	Transportation Demand Management

TSCA	Toxic Substances Control Act
UBR	Urban Bird Refuge
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
VHFHSZ	Very High Fire Hazard Severity Zone
VOC	volatile organic compounds
WQCP	water quality control plant
WSA	water supply assessment
WSCP	Water Shortage Contingency Plan

Chapter 1
Introduction

1.1 Background

US 131 Terminal Court Owner, LLC (project sponsor), is proposing construction and operation of the Infinite 131 Project (proposed project), which would include demolition of approximately 126,750 square feet (sf) of industrial and operational uses that are currently occupied by the Golden Gate Produce Terminal, along with approximately 116,572 sf of open-air structures (e.g., loading docks, trash compactor areas), on a 17.67-acre site (i.e., the project site). In its place, the proposed project would construct approximately 1.7 million sf of research-and-development (R&D) uses and amenities within seven buildings, ranging from one to six stories, along with two parking garages and additional surface parking. Landscaping would also be provided. The proposed amenities, which would include a day-care center, fitness center, restaurant, conference rooms, and lobbies, would be located on the ground-floor level of the R&D buildings and accessible from a network of interconnected pathways as well as central courtyards. The proposed project would require general plan, specific plan, and zoning code amendments to change the existing land use and zoning designations from Mixed Industrial High (MIH) to Business Technology Park High (BTP-H) and allow development of the R&D campus. In addition, five parcels north of the project site at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (off-site redesignation parcels), which are currently designated and zoned as MIH, would also seek general plan, specific plan, and zoning code amendments to be redesignated as BTP-H. However, the proposed project would not include the construction of any new uses as part of redesignation of these parcels.

1.2 CEQA Review of the Project

This initial study has been prepared by the project's lead agency, the City of South San Francisco (City), in conformance with the provisions of the California Environmental Quality Act (CEQA) and 14 California Code of Regulations, Chapter 3 (CEQA Guidelines). The lead agency is the public agency with principal responsibility for carrying out or approving a project. Environmental checklists, as included in this initial study, are prepared for projects that are subject to environmental review under CEQA. The information, analysis, and conclusions contained in the environmental checklist are the basis for deciding whether an environmental impact report (EIR), a negative declaration, or a mitigated negative declaration should be prepared. As indicated later, the City has determined that an EIR is required.

1.3 Scope and Content of the Checklist

As permitted by the CEQA Guidelines, this initial study checklist has referenced numerous technical studies, analyses, previously certified environmental documentation, and planning documents, which have been incorporated by reference. Information from the documents has been briefly summarized in the appropriate section(s). The relationship between the incorporated part of the referenced document and the draft EIR has also been described, as appropriate.

The environmental impacts of the proposed project are analyzed in this initial study checklist with the appropriate degree of specificity, in accordance with CEQA Guidelines Section 15146.

This checklist evaluates the potential impacts of the proposed project on the following areas:

- Aesthetics
- Agriculture and forestry resources
- Air quality
- Biological resources
- Cultural resources
- Energy
- Geology, soils, and paleontological resources
- Greenhouse gas emissions
- Hazards and hazardous materials
- Hydrology and water quality
- Land use and planning
- Mineral resources
- Noise
- Population/housing
- Public services
- Recreation
- Transportation
- Tribal cultural resources
- Utilities and service systems
- Wildfire

1.3.1 Project-Level Analysis

Potential impacts associated with construction and operation of the proposed project, as well as construction of the off-site transportation and circulation improvements needed to accommodate traffic generated by the proposed project, are analyzed at a project level in this initial study. These components of the proposed project have been developed with the level of certainty necessary to allow for a detailed analysis of the environmental impacts associated with their implementation. The level of detail in this initial study for an analysis of the environmental impacts associated with the proposed project matches the level of detail available in the draft plans for the proposed project, per CEQA Guidelines Section 15145. Additional studies pertaining to air quality, noise, transportation, and other areas have been prepared for this initial study to provide detailed information about the project's potential impacts on the environment.

1.3.2 Program-Level Analysis

Potential impacts associated with redesignating the off-site redesignation parcels are assessed programmatically because no developments have been proposed in the area. Rather, the parcels would be redesignated as BTP-H, consistent with the zoning designation for the project site, to facilitate future development consistent with the uses proposed for the project site. Future projects proposed at the off-site redesignation parcels would be required to prepare additional environmental documentation in order to comply with CEQA. They would also be subject to the programmatic mitigation measures identified in this initial study and EIR.

1.3.3 Cumulative Analysis

Cumulative impacts are two or more individual effects that, when considered together, are considerable or capable of compounding or increasing environmental impacts. The individual effects may be changes resulting from a single project or changes from a number of separate projects. Cumulative impacts are the impacts of a project in combination with other closely related past, present, and reasonably foreseeable and probable future projects (CEQA Guidelines Section 15355 [a][b]). The following factors are considered in determining the level cumulative analysis:

- Similar Environmental Impacts – A relevant project contributes to effects on resources that would also be affected by a proposed project. A relevant future project is defined as one that is "reasonably foreseeable," such as a project with an application on file at the approving agency or a project with approved funding.
- Geographic Scope and Location – A relevant project is within the geographic area where effects could combine. The geographic scope varies on a resource-by-resource basis. For example, the geographic scope for evaluating cumulative effects on air quality consists of the affected air basin, while the geographic scope for evaluating cumulative effects on traffic typically consists of the roadways within the region that could carry additional vehicles as a result of the net new vehicle miles traveled associated with a proposed project.
- Timing and Duration of Implementation – The timing of effects associated with activities for a relevant project (e.g., short-term construction or demolition, long-term operations) would very likely coincide with the timing of the related effects of a proposed project.

CEQA Guidelines Section 15130(b)(1) sets forth two primary approaches for the analysis of cumulative impacts. The analysis can be based on (1) a list of past, present, or probable future projects with related impacts that could combine with those of a proposed project or (2) a summary of projections contained in a general plan or related planning document. The cumulative impact analysis in this initial study checklist generally employs either the list-based approach or a projections approach, depending on which approach appropriately captures the cumulative context for the individual resource topic being analyzed. Cumulative analyses for topics that tend to be highly localized (e.g., biological resources, cultural resources, geology and soils) use a list-based approach, which includes anticipated nearby future projects in the project vicinity (i.e., within approximately 0.5 mile of the project site). Other impacts can affect existing conditions on a citywide or regional scale (e.g., air quality, greenhouse gas emissions, public services, population growth). These topics employ a projections approach for evaluating cumulative impacts.

Cumulative Projects within 0.5-Mile Radius

The projects considered for the list-based approach are listed below and mapped in Figure 1-1. Generally, these are projects for which applications have been filed with the City, as of the date of publication of the notice of preparation for the proposed project (November 1, 2023), and/or projects that the City has otherwise determined are reasonably foreseeable. The following projects are located within a 0.5-mile radius of the project site:

1. **101 Terminal Court:** Construction of approximately 696,000 sf of R&D/amenity uses within two six-story buildings, along with a seven-story parking garage and landscaping on an 8.69-acre site (*entitled September 2023; construction date to be determined*).
2. **124 Airport Boulevard and 100 Produce Avenue:** Construction of a seven-story residential building with 294 apartments on a 2.56-acre site at 124 Airport Boulevard and a seven-story residential building with 186 apartments on a 1.56-acre site at 100 Produce Avenue (*entitled January 2022; construction date to be determined*).
3. **40 Airport Boulevard**: Construction of an eight-story residential building with 292 units and two levels of parking on a 1.63-acre site (*entitled August 2022; construction date to be determined*).
4. **7 South Linden Avenue**: Construction of a five-story residential building with 558 apartment units on a 4.22-acre site (*entitled March 2023; construction date to be determined*).
5. **Railroad Avenue Townhomes**: Construction of a residential project consisting of 73 townhomes on a 2.04-acre site (*currently under review*).
6. **100 East Grand Avenue**: Construction of a new R&D campus, consisting of a 10-story building, an eight-story building, and an eight-story parking garage on a 5.04-acre site (*entitled October 2022; construction date to be determined*).
7. **120 East Grand Avenue**: Construction of a new R&D campus, consisting of an 11-story building, a five-story building, an amenity building, and a five-story parking garage on a 4.5-acre site (*entitled May 2023; construction date to be determined*).
8. **175 Sylvester Road**: Construction of a new R&D campus, consisting of one 10-story building, one 8-story building, and one 9-level parking garage on a 4.74-acre site (*currently under review*).
9. **Southline Master Plan Project (located at 30 Tanforan Avenue):** Construction of six office/R&D buildings (up to seven stories high) totaling approximately 2.8 million sf, along with development of a parking garage, below-grade parking, site amenities, and open space and landscaping on a 26-acre site (*Phase I entitled July 2022 and currently under construction; completion date to be determined*).

Cumulative Projects within City of South San Francisco

For purposes of the cumulative analysis regarding historic resources, fire protection, police protection, library services, and childcare services, the list of reasonably foreseeable projects has been expanded beyond a 0.5-mile radius to include all reasonably foreseeable development within the city limits because the city is the cumulative context for those environmental topics. According to the Shape SSF 2040 General Plan Update EIR (General Plan EIR) and the Lindenville Specific Plan Addendum (Specific Plan Addendum), reasonably foreseeable development in the city by 2040 will include residential, mixed, and non-residential uses, along with other types of uses. As shown in

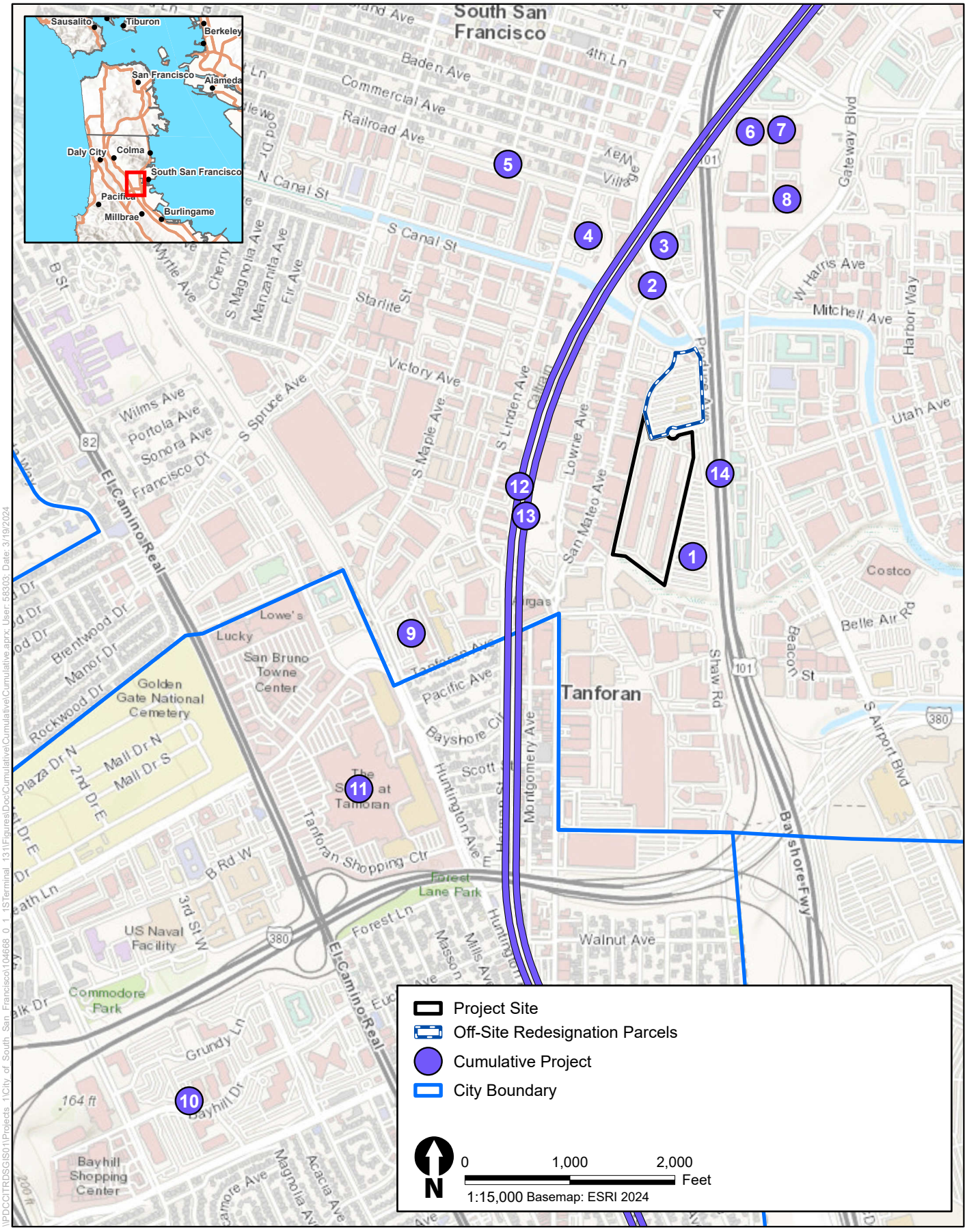

Figure 1-1
Cumulative Project Locations

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Table 4.1-1, if total buildout under the Shape SSF 2040 General Plan (General Plan) and Lindenville Specific Plan were to occur, it would result in a projected 59,296,988 sf of non-residential/mixed/other uses, 38,960 residential units, 137,809 employees, and 107,205 residents.

Table 4.1-1. Total Buildout Projected under the General Plan and Lindenville Specific Plan

	General Plan (2040 buildout)[a]	Lindenville Specific Plan (plus addendum)[b]	Total Buildout (general plan plus Lindenville)
Non-Residential/Mixed/Other Uses (sf)	58,988,056	308,932	**59,296,988 sf**
Residential (dwelling units)	38,959 units	1 unit	**38,960 units**
Employment (employees)	137,557	252	**137,809 employees**
Population (residents)	107,203	2	**107,205 residents**

Sources:

a. First Carbon Solutions. 2022. *Draft Program Environmental Impact Report, General Plan Update, Zoning Code Amendments, and Climate Action Plan, City of South San Francisco, San Mateo County, California.* State Clearinghouse Number 2021020064.

b. David J. Powers & Associates, Inc. 2023. *Lindenville Specific Plan Addendum*. Available: Lindenville Specific Plan (ssf.net). Accessed: September 14, 2023.

sf = square feet

Other Cumulative Projects

Although it is outside a 0.5-mile radius of the project site, the Bayhill Specific Plan and Tanforan projects are reasonably foreseeable large development projects in San Bruno. Given the scale of the Bayhill Specific Plan and Tanforan projects, as well as the potential for both projects to share certain overlapping local and regional transportation infrastructure, the Bayhill Specific Plan and Tanforan projects have been added to the cumulative traffic model used in the cumulative transportation analysis in Section 4.6, *Transportation and Circulation.* As such, the Bayhill Specific Plan and Tanforan projects are also included in the cumulative analysis of mobile-source air emissions in Section 4.2, *Air Quality*, and the cumulative analysis of traffic-generated noise in Section 4.5, *Noise and Vibration*, both of which include cumulative traffic volumes.

10. **Bayhill Specific Plan:** The Bayhill Specific Plan would allow for the development of up to 2.46 million net new sf of office uses and up to 573 multi-family residential units on a 92.2-acre site. The first phase of development, referred to as the Phase I development, would construct two new buildings with 440,000 sf of office space, along with a subgrade parking structure and transportation and circulation improvements *(Phase I entitled July 2022 and currently under construction; anticipated construction completion date: 2028).*

11. **Tanforan Project:** The Tanforan Project would redevelop a 44-acre site, which is currently occupied by The Shops at Tanforan Shopping Center. In its place, the Tanforan Project would construct a transit-oriented, mixed-use village with approximately 250,000 sf of new and relocated retail space; approximately 1,000 multi-family residential units; approximately 711,000 sf of life sciences laboratory and office uses; an approximately 14,500 sf amenity building; and a parking garage. In addition, the existing Century at Tanforan movie theater would be remodeled and incorporated into the project; the existing Target store would be relocated to a new retail building in the western portion of the project site *(currently under review).*

In addition to adjusting for the Bayhill Specific Plan and Tanforan projects, the forecasts for cumulative transportation conditions were adjusted to reflect other reasonably foreseeable projects that could affect cumulative traffic, including operation of 12 trains per hour in each direction during peak periods along the Caltrain railroad corridor, a reasonably foreseeable condition that could result with the California High-Speed Rail Project (described below) and the Caltrain business plan's adopted service vision (i.e., operating eight trains per hour in each direction during peak periods).

For purposes of the cumulative noise and vibration analysis in Section 4.5, *Noise and Vibration*, three additional projects were considered in the cumulative analysis, given their proximity to the project site and their potential to combine with the proposed project and result in cumulative noise and vibration impacts. These projects are the Caltrain Peninsula Corridor Electrification Project, which would include cosntruction along the Caltrain right-of-way (ROW) and an increase in the number of trains along the ROW; the California High-Speed Rail Project, which would include the installation of four quadrant safety gates at the Linden Avenue crossing, approximately 0.20 mile west of the project site, and an increase in the number of trains along the ROW; and the US Highway 101/Produce Avenue Interchange Project, which would include a new U.S. 101 overcrossing, extending from the Utah Avenue/South Airport Boulevard intersection to San Mateo Avenue.

12. **Caltrain Peninsula Corridor Electrification Project:** The project consists of converting Caltrain from diesel-hauled to electric-multiple-unit trains for service between the 4th and King Street station in the city of San Francisco and the Tamien station in the city of San José, a total distance of 51 miles. The project would require the installation of 130 to 150 single-track miles of overhead contact system for the distribution of electrical power to the new electric rolling stock (*currently under construction; anticipated completion date: fall 2024*).
13. **California High-Speed Rail Project:** Phase I of the high-speed rail system would extend from the city of San Francisco to the city of Los Angeles; this is currently scheduled for completion by 2033. Specifically, the section from San Francisco to San José, which would be in proximity to the project site, would include approximately 43 to 49 miles of mixed existing train infrastructure and new high-speed rail infrastructure, passing through San Francisco, San Mateo, and Santa Clara Counties. This segment would include installation of four quadrant safety gates at the Linden Avenue crossing, approximately 0.20 mile west of the project site, and an increase in the number of trains along the ROW (*Final EIR/Environmental Impact Statement for the San Francisco to San José segment was certified and approved by the California High-Speed Rail Authority's Board of Directors in August 2022; anticipated construction date: 2033*).
14. **US Highway 101/Produce Avenue Interchange Project:** The project would include a new U.S. 101 overcrossing, extending from the Utah Avenue/South Airport Boulevard intersection to San Mateo Avenue (referred to as the Utah Avenue extension). The intersections at South Airport Boulevard/Utah Avenue and San Mateo Avenue/Utah Avenue would be reconstructed to include turning lanes and connect to the new overcrossing. The Airport Boulevard/Produce Avenue/San Mateo Avenue intersection would be reconfigured. The project would include bike lanes and sidewalks on the overcrossing and signalized crosswalks and bike lanes at the affected intersections (*Final EIR/Environmental Assessment with Finding of No Significant Impact was released by the California Department of Transportation in February 2023 and approved by the California Transportation Commission in March 2023; construction date to be determined*).

1.4 Incorporation by Reference

CEQA allows information from other public documents by reference. This initial study incorporates by reference information or analysis from the following adopted plans and supporting environmental documents, which were developed by the City as part of its planning process.

- *Shape SSF 2040 General Plan* (General Plan)—adopted October 2022; amended September 2023
- *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments, and Climate Action Plan, City of South San Francisco, San Mateo County, California* (General Plan EIR)—June 2022; State Clearinghouse No. 20210120064
- *Final Environmental Impact Report General Plan Update, Zoning Code Amendments, and Climate Action Plan, City of South San Francisco, San Mateo County, California* (General Plan EIR)—September 2022; State Clearinghouse No. 20210120064
- *Lindenville Specific Plan* (Specific Plan)—adopted September 2023
- *Lindenville Specific Plan Addendum* (Specific Plan Addendum)—September 2023

As required by CEQA Guidelines Section 15150, where an EIR or initial study uses incorporation by reference, the incorporated part of the reference shall be briefly summarized or described. Where information from the above-listed documents is incorporated into this initial study, the incorporated information is briefly summarized or described in the corresponding section in Chapter 3, *Environmental Impacts Checklist*.

Copies of these documents are available to the public at these locations:

City of South San Francisco
Planning Division
315 Maple Avenue
South San Francisco, CA 94080

City of South San Francisco
City Clerk
400 Grand Avenue
South San Francisco, CA 94080

City of South San Francisco
Library (Reference Desk)
901 Civic Campus Way
South San Francisco, CA 94080

Electronic copies are available at:

- *Shape SSF 2040 General Plan and General Plan EIR*: https://shapessf.com/
- *Lindenville Specific Plan*: https://shapessf.com/plan-lindenville/
- *Lindenville Specific Plan Addendum*: https://weblink.ssf.net/WebLink/Browse.aspx?id=550747&dbid=0&repo=SSFDocs

1.5 Checklist Organization

This initial study checklist is organized in chapters and appendices, as described below.

- **Chapter 1,** *Introduction*, includes a brief overview of the project, the environmental review process, and the scope, content, and organization of the checklist.
- **Chapter 2,** *Project Description*, includes a comprehensive description of the project.
- **Chapter 3,** *Environmental Impacts Checklist*, includes an evaluation of the resource topics outlined in Section 1.3, *Scope and Content of the Checklist*. For each impact identified, a level of significance is determined using the following classifications:
  - *Potentially significant impact* is appropriate if there is substantial evidence that an effect would be significant or an established threshold would be exceeded. If one or more "potentially significant impact" determinations are made, then the relevant topics will be analyzed further in the EIR.
  - *Less than significant with mitigation* is appropriate when impacts would be potentially significant but implementation of mitigation measures from the specific plan addendum or general plan EIR, which would be a required condition of approval, would reduce impacts to a level of less than significant.
  - *Less than significant* applies when a proposed project would affect, or be affected by, the environment, but based on sources cited in the report, the impact would not have an adverse effect and would not exceed established thresholds.
  - *No impact* denotes situations in which there would be no adverse effect on the environment. Referenced sources show that the impact would not apply to the proposed project.
- **Chapter 4,** *Report Preparation*, includes a list of staff members who contributed to preparation of the checklist.
- **Appendices**[1]

  A Notice of Preparation (NOP) and Comments Received on the NOP

  B Initial Study

  C Air Quality and Greenhouse Gas Technical Report

  D Air Quality and Greenhouse Gas Modeling Files

  E Built-Environment Resources Study

  F Tribal Outreach Materials

  G Noise Technical Report

  H Transportation Impact Assessment

  I TDM Plan

  J Biological Species Database Searches

  K Arborist Report

  L Bird-Safe Design Strategy

  M Preliminary Geotechnical Investigation

  N Phase I and Phase II Environmental Site Assessments

  O Water Supply Assessment

[1] The list of appendices is one single list that is inclusive of both the appendices used for the Draft EIR and the Initial Study. This document, *the Infinite 131 Project Initial Study Checklist*, is included as Appendix B to the Draft EIR and is therefore included in the above list.

Chapter 2
Project Description

2.1 Project Overview

US 131 Terminal Court Owner, LLC (project sponsor), is proposing construction and operation of the Infinite 131 Project (proposed project), which would include demolition of approximately 126,750 square feet (sf) of industrial and operational uses that are currently occupied by the Golden Gate Produce Terminal, along with approximately 116,572 sf of open-air structures (e.g., loading docks, trash compactor areas), on a 17.67-acre site (i.e., the project site). In its place, the proposed project would construct approximately 1.7 million sf of research-and-development (R&D) uses and amenities within seven buildings, ranging from one to six stories, along with two parking garages and additional surface parking. Landscaping would also be provided. The proposed project would require general plan, specific plan, and zoning code amendments to change the existing land use and zoning designations from Mixed Industrial High (MIH) to Business Technology Park High (BTP-H) and allow development of the R&D campus. In addition, five parcels north of the project site at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (off-site redesignation parcels), which are currently designated and zoned as MIH, would also seek general plan, specific plan and zoning code amendments to be redesignated as BTP-H. However, the proposed project would not include the construction of any new uses as part of redesignation of these parcels.

2.2 Project Location and Physical Setting

The approximately 17.67-acre project site comprises one parcel at 131 Terminal Court in the city of South San Francisco (Figure 2-1). The project site is identified as assessor's parcel number (APN) 015-113-210. Surrounding land uses include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot is north of the project site, a large surface parking lot and U.S. 101 (known as Bayshore Freeway) are adjacent to the eastern portion of the project site, a navigable slough[1] that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. The project site is approximately 1 mile west of San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. The southern part of the project site also includes a portion of the shoreline band jurisdiction of the San Francisco Bay Conservation and Development Commission (BCDC) adjacent to the navigable slough. In addition, the project site is approximately 1 mile northwest of San Francisco International Airport (SFO).

Access to the project site is provided via Terminal Court from Produce Avenue. The topography of the project site is relatively flat, approximately 6 feet above mean sea level.[2] There is little to no on-site landscaping, and there are no existing trees on the project site.[3]

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1 The navigable slough is a remnant tidal channel that cuts through a commercial district in the city of South San Francisco. The slough is connected to San Francisco Bay. (ESA. 2019. *Navigable Slough Flood Management Study, Prepared for County of San Mateo, City of South San Francisco, and City of San Bruno*. Available: https://oneshoreline.org/wp-content/uploads/2020/06/Navigable-Slough-Flood-Management-Study.pdf. Accessed: April 12, 2023).

2 Haley & Aldrich, Inc. 2022. *ASTM Phase I Environmental Site Assessment 131 Terminal Court, South San Francisco*. April 2022.

3 HMH Engineers. 2022. *Terminal 131 Certified Tree Inventory*. July 27, 2022.

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking. The project site consists of two warehouse buildings and a smaller administrative building, totaling approximately 126,750 sf. In addition, the site is also developed with approximately 116,572 sf of open-air structures, including loading docks and trash compactors, associated with operations of the Golden Gate Produce Terminal. The existing warehouse and administrative buildings were constructed by 1962, the loading dock adjacent to the east warehouse building was constructed between approximately 1981 and 1987, and a large free-standing loading dock was constructed between approximately 2002 and 2005. There are approximately 475 existing employees on the project site. The project site outside the existing building footprints is covered with asphalt and concrete paving, with minimal surrounding landscaping and no trees.

The off-site redesignation parcels are north of the project site, across Terminal Court, at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (APNs 015-113-350, 015-113-290, 015-113-340, 015-113-330, 015-113-320). The off-site redesignation parcels currently comprise a large Park N' Fly surface parking lot and a Shell gas station. Collectively, the off-site redesignation parcels cover approximately 7.28 acres.

2.3 Existing Land Use and Zoning Designations

The city of South San Francisco is organized as several geographic areas, referred to as *planning sub-areas*, including the Lindenville Planning Sub-Area, as identified in the *Shape SSF 2040 General Plan* (General Plan) adopted in October 2022. The project site and the off-site redesignation parcels are located in the Lindenville Planning Sub-Area, an approximately 400-acre area in the central southern portion of the city between U.S. 101 and South Spruce Avenue, adjacent to the Downtown Sub-Area. The Lindenville Planning Sub-Area comprises largely industrial, business, food processing, manufacturing, and warehousing uses. The General Plan's Planning Sub-Areas Element does not impose density or height standards separate from those found in the General Plan's Land Use Element. According to the General Plan, the Lindenville Planning Sub-Area aims to preserve business and industrial uses while strengthening its economic base, which includes a large number of small businesses and a high share of area jobs, by retaining a large portion of its land area for service, transportation, and industrial uses.[4]

The Lindenville Specific Plan (Specific Plan), adopted in September 2023, establishes the planning framework for the Lindenville Planning Sub-Area. Under the Specific Plan, both the project site and off-site redesignation parcels are designated as MIH, which allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. Figure 2-2 illustrates the existing land use designations for the project site, the off-site redesignation parcels, and the surrounding area under the Lindenville Specific Plan.

The project site and off-site redesignation parcels are designated in the City of South San Francisco's (City's) Zoning Code as MIH. As established in the City's Zoning Code, the maximum building height allowed under the existing MIH zoning designation is 65 feet. The base maximum permitted floor area ratio (FAR) under the MIH zoning designation is 0.4, but increases may be permitted, up to a total FAR of 2.0, for all permitted uses. However, R&D facilities under this zoning designation may have a maximum allowed FAR of 0.5, provided they follow the

[4] City of South San Francisco. 2022. *2040 General Plan*. Available: https://shapessf.com/wp-content/uploads/2022/11/SSFGPU_PDFPlan_FinalPlan_Resolution_11082022.pdf. Accessed: March 15, 2023.

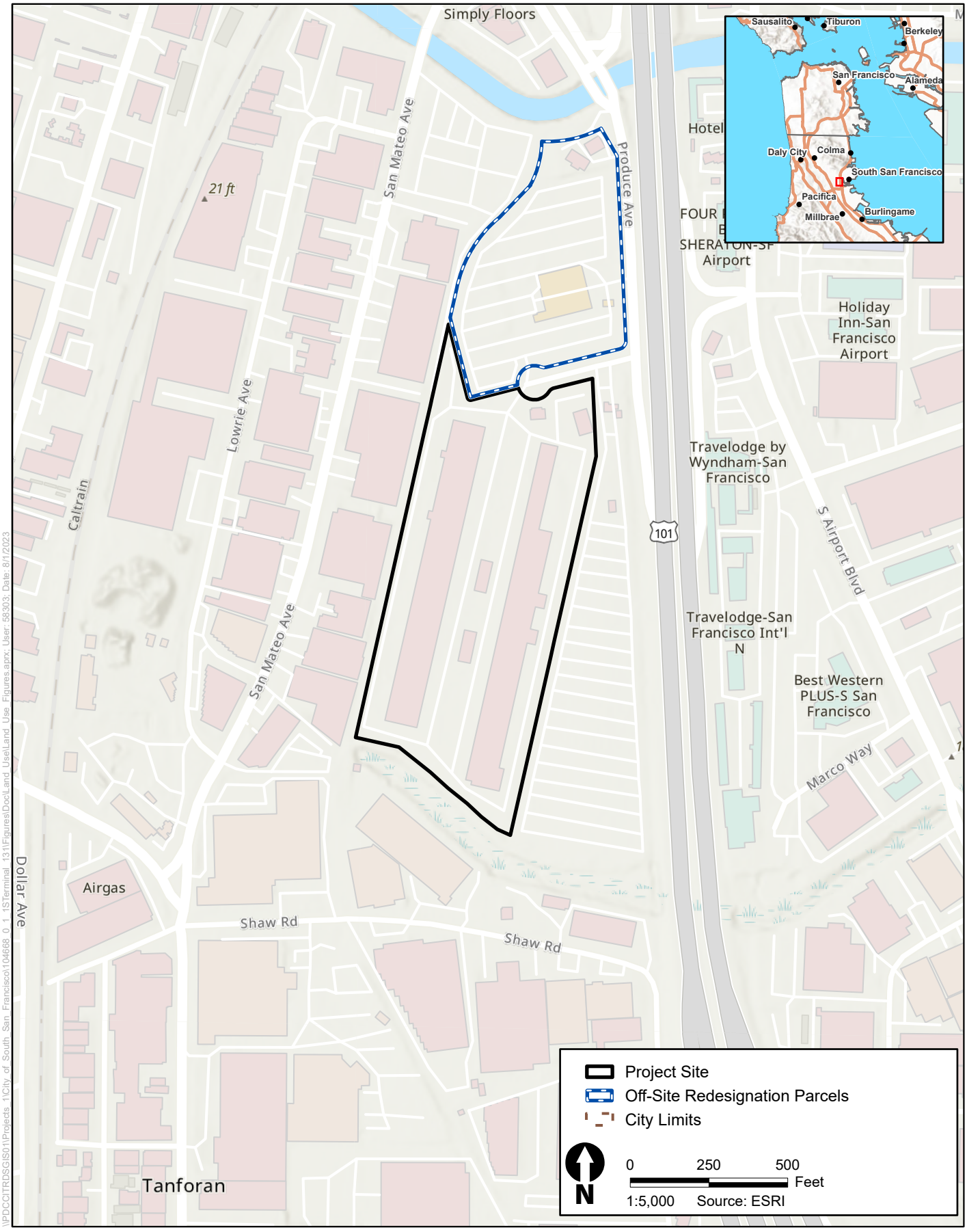

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Figure 2-1
Project Location Map

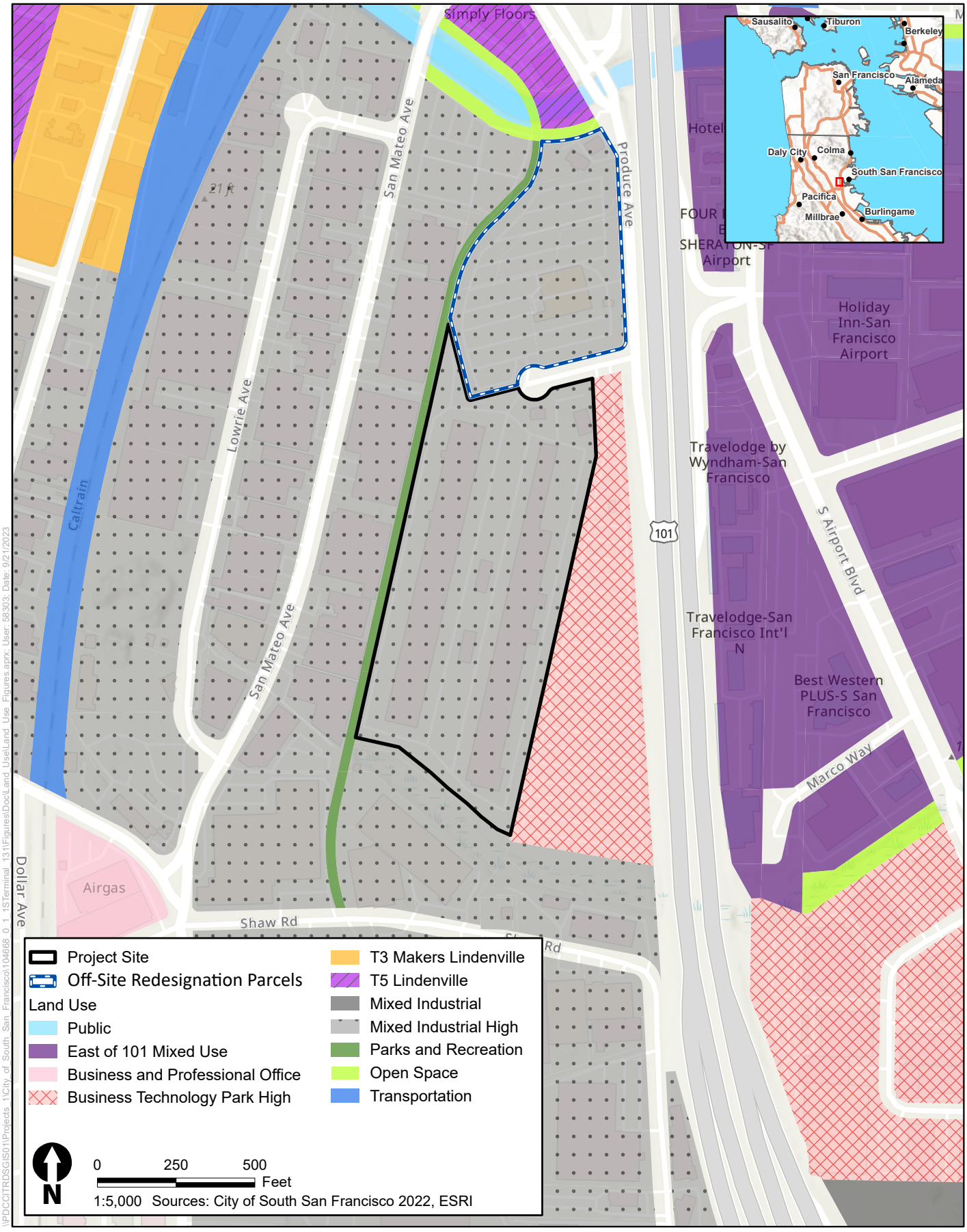

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Figure 2-2
Existing General Plan Land use Designations

requirements of the City's Community Benefits Program, as outlined in Chapter 20.395 of the City's Municipal Code. In addition, as required under the MIH designation, truck docks, loading areas, and service areas must be located at the rear or interior side of buildings and must be screened so that they are not visible from surrounding public streets, including highways. However, as described in more detail below in Section 2.7, *General Plan, Specific Plan, and Zoning Code Amendments*, the proposed project would require General Plan, Specific Plan, and zoning amendments.

Figure 2-3 illustrates the existing zoning designations for the project site, the off-site redesignation parcels, and the surrounding area.

2.4 Project Objectives

The project sponsor identified the following objectives for the proposed project:

- Redevelop the property with R&D, biotechnology, and office uses in a secure and integrated campus setting.
- Create an iconic, inspiring, and dynamic gateway presence along U.S. 101 with high visibility.
- Incorporate a building and landscape design that sets a unique identity within the city.
- Utilize a shifting and articulated building massing that creates visual, desirable, and usable amenities, including outdoor terraces for tenants.
- Provide an activated landscape area that, in addition to being pedestrian friendly, encourages walking and biking, interaction, and collaboration and provides a wide range of opportunities for wind-protected outdoor activities.
- Integrate sustainable strategies to advocate an energy-efficient and performative design, including water-saving strategies.
- Provide a highly efficient and flexible workplace with daylight for interior spaces and outward views of the surrounding areas.
- Provide a positive fiscal impact on the local economy through the creation of jobs, enhancement of property values, support for local transportation infrastructure, and the generation of property tax and development fees.
- Provide well-designed, flexible buildings and floor plates that can accommodate a variety of tenants to ensure the proposed project will be responsive to market conditions and demands.

2.5 Project Components

The project proposes demolition of all existing uses on the project site (i.e., warehouse buildings, administrative building, open-air structures) and construction of R&D uses and an on-site amenity space. Overall, the proposed project would construct approximately 1.7 million sf of new uses across seven buildings. As detailed in Table 2-1, this breaks down to approximately 1,632,000 sf of R&D uses and approximately 72,050 sf of amenity uses. The buildings would be tied together through landscaping and open space to create a sustainable campus environment with improved pedestrian and bicyclist circulation and access, as depicted in Figure 2-4. Building heights would range from one to six stories, with the maximum building height being 113 feet, 6 inches. In addition, the proposed project would include two parking garages, associated with

Table 2-1. Summary of Proposed Land Uses

Building	R&D (sf)	Conference (sf)	Fitness Center (sf)	Restaurant (sf)	Day Care (sf)	Total (sf)	Maximum Height[a]
I131S	824,000	4,000	0	2,000	0	830,000	6 stories (113 feet, 6 inches)
I131S (amenity building)	0	13,000	20,000	17,000	0	50,000	2 stories (32 feet, 0 inches)
I131N	808,000	4,000	0	8,000	0	820,000	6 stories (113 feet, 6 inches)
Day-care Center	0	0	0	0	4,050	4,050	1 story (16 feet, 0 inches)
Total	***1,632,000***	***21,000***	***20,000***	***27,000***	***4,050***	***1,704,050***	***113 feet, 6 inches***

Notes:
[a] The building height is measured to the top of rooftop appurtenances.

the I131N building and I131S building. The I131N parking garage would be approximately 551,631 sf in area and approximately 100 feet tall. It would include three below-grade levels of parking as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 sf in area and include two levels of below-grade parking.

The I131S A, I131S B, and I131S C buildings, collectively referred to as the I131S building, would have a total area of approximately 830,000 sf and be six stories tall, or approximately 114 feet. The I131S building would include entrance lobbies on the ground floor, with R&D uses across all building levels. In addition, approximately 4,000 sf of conference space and 2,000 sf of restaurant/cafe space would also be located on the ground floor of the building. The I131S building would incorporate outdoor terraces on multiple levels of the proposed buildings for use by building tenants. In addition , the proposed project would incorporate an approximately 50,000 sf amenity building, the I131S amenity building, which would be located in the central courtyard adjacent to the I131S building. The amenity building would be two stories (approximately 32 feet), with approximately 17,000 sf of restaurant space, approximately 20,000 sf for the fitness center, and approximately 13,000 sf of conference space. The proposed fitness center would be available for use by the public and the proposed project's tenants.

The I131N building (i.e., buildings I131N A and I131N B) would be north of the site and immediately adjacent to the I131S building. The I131N building would have an area of approximately 820,000 sf and be six stories tall, or approximately 114 feet. The I131N building would also include 808,000 sf of R&D uses that would be spread out across all levels of the proposed buildings. The ground floor of the I131N building would include a lobby, approximately 4,000 sf of conference space, and 8,000 sf of restaurant/cafe space. In addition, the I131N building would also incorporate outdoor terraces on multiple levels for use by the building tenants.

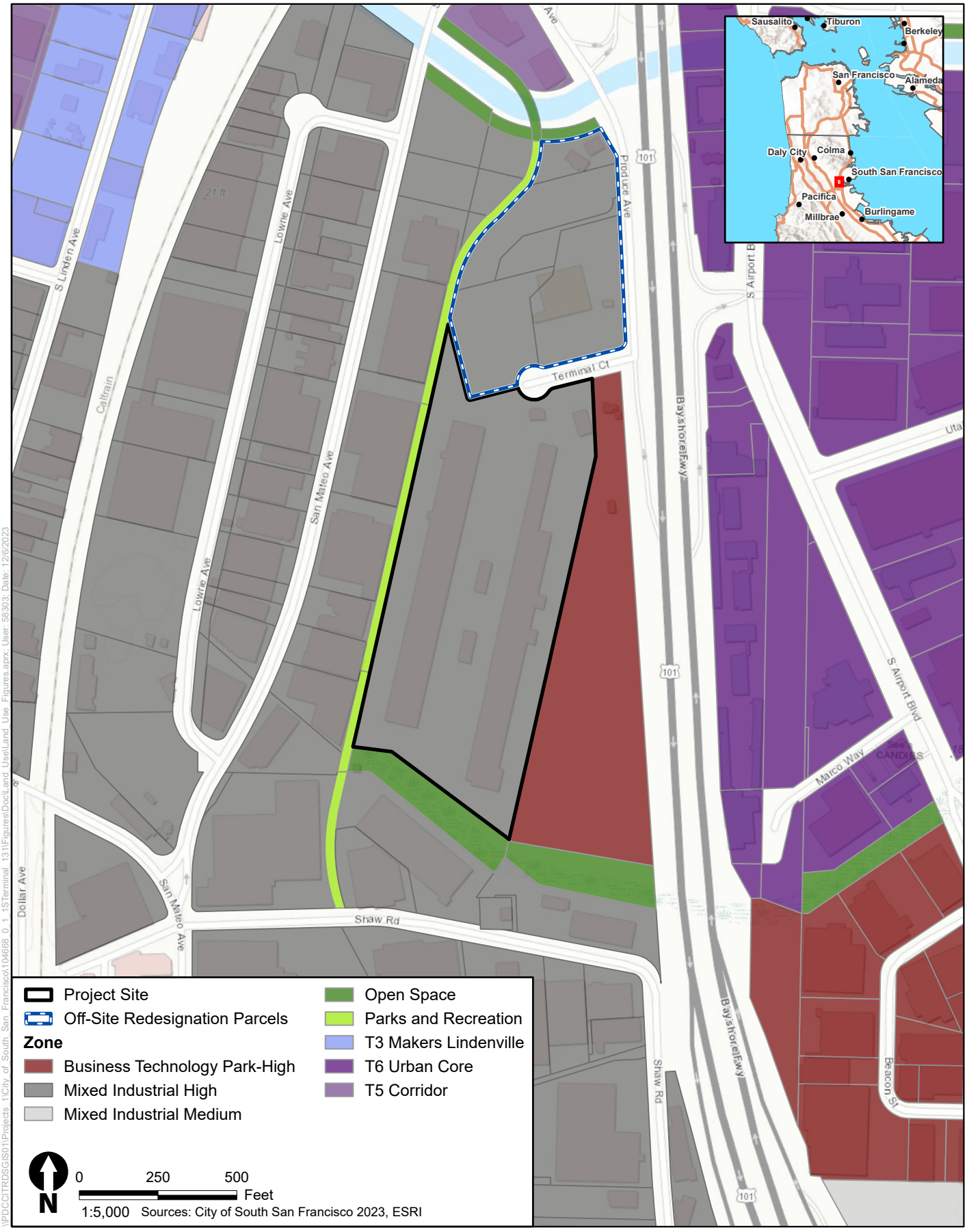

Figure 2-3
Existing Zoning Designation

Source: SteelWave and SOM LLP, 2024.

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Figure 2-4
Conceptual Site Plan

The proposed project would provide a day-care center north of the I131N parking garage in the northwestern portion of the project site. The day-care center would have an area of approximately 4,050 sf and be one story, or approximately 16 feet. In addition to the proposed day-care center building, approximately 4,950 sf of outdoor play areas would be provided and protected with fencing; the surrounding landscaping and trees would be minimal. The proposed day-care center would have nine employees and accommodate up to 50 children. It would be operational Monday through Friday and be open to employees of the proposed project as well as the public.

A total of twenty-four 500-kilowatt (kW) emergency generators would be provided on the project site, which would be used in the event of power grid failure. Of the 24 generators, 18 of them would be located outdoors, at grade, and in service yards in acoustic enclosures. The remaining six emergency generators would be located inside of the I131N building on the ground floor in a separate generator room. Generators would be tested monthly, most likely on weekends or during non-business operating hours. Generator testing would take place within designated hours when noise restrictions are not an issue.

The upper floors of the proposed I131N and I131S buildings, not including the amenity building (i.e., I131S D) and day-care center, would provide direct views to San Francisco Bay, Sign Hill Park, San Bruno Mountain, and the hills west of Interstate 280; views of the landscaped courtyards below would also be provided. As stated previously, the buildings would be linked together through a cohesive network of landscaping and open space. The two central landscaped courtyards would be located along the interior of the project site and framed by the shape of the proposed I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections as well as outdoor amenities. The proposed project would include approximately 115,130 sf of open space in the courtyards, which would be publicly accessible, providing space for outdoor work, recreation, and socializing through the use of seat walls, paved areas, turf, as well as shade structures.

2.5.1 Site Access, Circulation, and Parking

As depicted in Figure 2-4, vehicular access to the project site would be provided via a driveway on Terminal Court and a right-of-way connection from the southwestern portion of the project site to Shaw Road, to the south, through an existing access easement. Internal roads would be configured to circle the I131N building and the entire project site in a loop formation, providing access to buildings, parking, and on-site amenities. The proposed project would provide a total of 2,976 parking spaces. The I131N parking garage would be west of the I131N A and I131N B buildings. It would include 1,378 parking spaces in three levels of below-grade parking and nine levels of above-grade parking, along with 20 surface parking spaces. The I131S parking garage would be located beneath the I131S building. It would provide 1,538 parking spaces, along with 40 surface parking spaces.

Approximately six surface parking spaces and 50 garage parking spaces would be Americans with Disabilities Act (ADA) compatible. In addition, per the California Green Building Standards Code, commonly referred to as CALGreen, approximately 45 percent of the total number of parking spaces (i.e., approximately 1,339 spaces) would be electric-vehicle (EV) capable to accommodate future installation of EV chargers. Of the approximately 1,339 spaces, 33 percent (or approximately 442 spaces) would be provided with EV charging stations.

Street improvements along Terminal Court and the right-of-way connection to Shaw Road would include new curbs, landscaping, and sidewalks. The proposed project would also include pedestrian pathways along the exterior and throughout the interior of the project site to provide connections between the buildings and the courtyards. A total of 176 bicycle parking spaces would be provided throughout the site, consisting of 149 long-term bicycle parking spaces and 27 short-term bicycle parking spaces. The short-term bicycle parking spaces would be located near the lobby entrances to the proposed buildings. The long-term bicycle parking spaces, as well as showers, would be provided on the ground floor of the I131N and I131S buildings and within a bicycle storage room in the parking garage.

Dedicated access to the project site for emergency vehicles would be provided via Terminal Court and the Shaw Road connection. The proposed project would allow emergency vehicle access to all buildings through the proposed roadway network within the project site. The project site would include 20- to 26-foot-wide fire lanes around the perimeter of the project site, providing access to each building, as well as the I131N parking garage.

Although not proposed as part of the project, the project sponsor may, in the future, purchase up to 2 acres of undetermined industrial zoned land fronting San Mateo Boulevard and build an aboveground parking structure to serve the proposed project. This land could provide an additional access and/or egress point to the project site for a more dispersed traffic flow. Such an improvement, if pursued, would be subject to California Environmental Quality Act (CEQA) review. It is not evaluated as part of the proposed project.

2.5.2 Transportation Demand Management

The proposed project would require submittal of a Transportation Demand Management (TDM) plan to the Planning Division for review and approval as part of the entitlement process, per the requirements of the City Municipal Code and General Plan. A TDM plan is intended to reduce the amount of traffic generated by new development, manage congestion, and promote the efficient use of the existing transportation network through the adoption of TDM measures and ongoing monitoring and reporting in accordance with the City's TDM Ordinance (Chapter 20.400). The proposed project's TDM plan lays out measures to reduce peak-hour travel demand and encourage alternative modes of transportation to reduce single-occupant vehicle use. The specific measures are still preliminary but are anticipated to include:

- **On-site Amenities for Bicycle and Pedestrian Access—**The project would provide new connections and on-site circulation paths with pedestrian walkways between all core buildings, bicycle routes through the site, and a new trail along the navigable slough that would connect to Shaw Road. The project would provide short-term and long-term bicycle parking spaces in various locations throughout the project site, bicycle repair areas, and showers and changing rooms.
- **Shuttle Service to Caltrain and Bay Area Rapid Transit (BART) –** The TDM Plan would provide first-/last-mile shuttle service to the San Bruno BART station and South San Francisco Caltrain station.
- **Carpooling and Vanpooling Programs and Parking –** The TDM Plan would ensure that employer tenants would offer carpool and vanpool programs that would include subsidies or other monetary incentives, dedicated carpool and vanpool parking, as well as ride-matching services to help facilitate shared trips. Elements of the carpool program, such as ride-matching, would be provided in partnership with Commute.org.

- **Telecommuting and Flexible Work Schedules –** The TDM Plan would encourage employers to allow telecommuting at least one day per week to reduce the overall number of trips. In addition, when employees commute to work, employers would encourage flexible work schedules to shift travel outside of peak hours.
- **Fully Subsidized Transit Passes –** The TDM Plan would offer transit passes or subsidies, which would be implemented through either a direct voucher program provided by the property manager or through lease terms that would obligate employers to provide subsidies.
- **Other TDM Plan Features –** The TDM Plan would include a range of features, such as on-site amenities, including dining, fitness, and conference facilities, as well as active transportation gap closures and transit capital improvements.

As required by the South San Francisco Municipal Code, the TDM Plan would include requirements for monitoring and auditing the performance of the measures, which may be revised or amended as needed to meet TDM performance objectives. Implementation of the TDM Plan would be monitored annually and adjusted accordingly, if necessary, in order to meet required alternative-use goals. Leases for all tenants would include provisions regarding the mandatory TDM measures and appointment of a TDM coordinator, who may be shared among multiple tenants.

2.5.3 Lighting

Lighting would include canopy-mounted linear lighting as well as linear LED uplight-type wall-mounted units on the exterior of the buildings and at building entrances. Exterior pole-mounted fixtures would be provided in open space areas, vehicular circulation areas, and other hardscaped areas. In addition, low-level pedestrian lighting would be provided along pedestrian pathways and the terrace areas. All exterior lighting would conform to the City Zoning Code, Section 20.300.009, *Lighting and Illumination*.

2.5.4 Building Design and Sustainability Features

As stated previously, the proposed project would be designed so that the buildings would be tied together through landscaping and open space. Specifically, the proposed project would incorporate two central courtyards located along the interior of the project site and framed by the shape of the I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections and the available outdoor amenities. In addition, the proposed amenities, including the day-care center, fitness center, restaurant/cafe, conference rooms, and lobbies, on the ground-floor level of each of the R&D buildings would be accessible from a network of interconnected pathways as well as through the central courtyards.

As depicted in Figure 2-5, the proposed buildings would have primarily glass façades, thereby bringing an abundance of natural light into each building. Building exteriors would also incorporate combinations of unitized curtain walls, glass storefronts, and aluminum panels evoke a modern aesthetic. The proposed buildings would have metal-panel parapets to screen the rooftop mechanical equipment. The I131N parking garage would be constructed out of materials similar to those on the proposed buildings, including perforated metal panels, aluminum panels, painted concrete, and clear glazed glass.

The proposed project would incorporate sustainability features to reduce energy consumption, water consumption, and waste generation. In addition, it would achieve, at a minimum, a Leadership in Energy and Environmental Design (LEED), version 4.1, Building Design and Construction (BD+C) Core and Shell Gold rating as well as WELL v2 Core certification.[5] Proposed sustainability measures would include an all-electric building design; on-site renewable energy in the form of rooftop photovoltaic (PV) panels; a high-performance building envelope and heating, ventilation, and air-conditioning (HVAC) systems; ultra-efficient WaterSense-labeled flush and flow fixtures; low-water demand native and/or adapted vegetation with efficient irrigation systems; on-site recycling and composting facilities; and EV charging infrastructure. Proposed design elements, such as pedestrian circulation improvements, bicycle parking, and TDM measures, would encourage alternative forms of transportation. In addition, the proposed project would be designed to be consistent with the City's Municipal Code and CALGreen. For construction and demolition, 100 percent of all inert solids (i.e., building materials) and 65 percent of non-inert solids (i.e., all other materials) would be recycled as required by the City under Chapter 15.60 of the City's Municipal Code.

The proposed project would also be designed to conserve resources and protect water quality through the management of stormwater runoff using low-impact development (LID) methods, where feasible. This approach implements engineered controls to allow stormwater filtering, storage, and flood control. Bioretention basins, flow-through planters, Silva Cell units, and other site design features to manage stormwater runoff flows and reduce stormwater pollution would be located throughout the project site.

2.5.5 Landscaping

As discussed above, there are no trees on the project site and little to no vegetation. All vegetation would be removed prior to project construction. The proposed project would include a landscape plan to compensate for the removal of vegetation and enhance the overall development. The landscape plan would include planting trees on-site, in accordance with the City Tree Preservation Ordinance (Chapter 13.30). Upon project buildout, 659 trees would be provided within the courtyard areas, surface parking lot, and along the roadways. Landscaped areas would include a mix of native and adapted vegetation with a low water demand; a minimum of 80 percent would be native vegetation. The proposed trees and all other landscaping would be planted in compliance with City regulations.

2.5.6 Employees

Upon project completion, there would be a total of 3,787 employees, consisting of approximately 3,778 R&D employees and nine day-care center employees.[6] The net increase in on-site employment would amount to approximately 3,312 employees.

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5 The WELL Building Standards are performance-based building standards for measuring and monitoring features within the built environment that may affect human health through air, water, light, and other concepts. The standards provide ways for buildings to be designed to improve human comfort and enhance health and wellness within the built environment.

6 The estimated number of employees is based on data provided by the project applicant, which assumes that average square footage per R&D employee would be 450, consistent with the General Plan EIR employee generation rate assumptions. The estimated number of employees associated with the proposed restaurant and fitness center is accounted for in the estimate of the number of employees associated with the proposed R&D uses.

Source: SteelWave and SOM LLP, 2023

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Figure 2-5
Rendering from U.S. 101 (Bayshore Freeway)

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2.5.7 Utilities

The project site is serviced by existing public utility easements for water, wastewater, stormwater, electric, telecommunications, and waste and recycling services. New on-site facilities would be connected to new services through the installation of new localized connections. Any expansion or increase in the capacity of off-site infrastructure would occur as required by the utility providers. Detailed descriptions of the proposed utility infrastructure are provided below.

2.5.7.1 Water Supply

The city is served by the California Water Service Company (Cal Water). Specifically, the city is in the service area of Cal Water's South San Francisco District, which includes South San Francisco, Colma, a small portion of Daly City, and Broadmoor. The Cal Water South San Francisco District utilizes both groundwater from the Westside Basin as well as imported surface water purchased from the San Francisco Public Utilities Commission (SFPUC).

On-site water system improvements would include the pipes, valves, fire hydrants, meters and submeters, and backflow preventers needed to serve the proposed uses. The proposed project would include an extension to the 12-inch public main in Terminal Court. The extension would loop around the site and provide connections to building laterals for domestic water and fire water, irrigation, and fire hydrant needs. The proposed project assumes a 4-inch private lateral for domestic water and a minimum 8-inch pipe for the private fire lateral. The main points of connection for the water line would be the new 8-inch water main that would be implemented as part of development at the 101 Terminal Court adjacent to the project site, and the existing 12-inch public water main in Terminal Court. An option that would loop into a Shaw Road connection is being explored as well. However, such an option is not part of the project evaluated in the environmental impact report (EIR) and therefore would be subject to future CEQA review if pursued.

2.5.7.2 Wastewater

The City owns and maintains the sanitary sewer system and related infrastructure within public rights-of-way. The collected wastewater is conveyed to the South San Francisco Water Quality Control Plant (WQCP) adjacent to San Francisco Bay on Colma Creek. Proposed sewer system improvements would include a new 18-inch sanitary sewer main through the southwest corner of the site to a 21-inch main on Shaw Road to support the proposed project. Proposed on-site sewer pipes would be between 4 and 18 inches in diameter and connect to the upsized sewer main beneath the navigable slough.

2.5.7.3 Stormwater

The City owns and maintains the storm drainage infrastructure within public rights-of-way. For the majority of the project site, storm drain lines would follow the existing drainage pattern and outfall into the adjacent slough. Oversized underground pipes would treat water, help store water, and control flows prior to discharge to the adjacent slough. On the northern portion of the site, smaller areas would drain to the City's municipal separate storm sewer system on Terminal Court. On-site storm drain improvements would include the installation of bioretention ponds, flow-through planters, and Silva Cell units to provide LID treatment on the project site. The proposed stormwater pipes would be between 6 and 12 inches in diameter. New connections would connect to an existing 12-inch storm drain main in Terminal Court.

2.5.7.4 Dry Utilities

Pacific Gas and Electric (PG&E) provides both electricity and natural gas services to the city. As a California Public Utilities Commission–regulated public utility in the state of California, PG&E owns, operates, and maintains above- and belowground electric and natural gas facilities in the city, including substations. The city is also served by both wired and wireless telecommunications from numerous providers, including AT&T, Comcast, Viasat, and T-Mobile.[7] The project proposes the installation of new connections for dry utility service. All electrical and telecommunication utilities would be connected to existing electrical and telecommunication utilities. The proposed project would not include any new connections for natural gas, which would not be used by the project.

2.5.7.5 Solid Waste

The South San Francisco Scavenger Company and Blue Line Transfer provide solid waste disposal services citywide, including garbage and recycling services.[8] The South San Francisco Scavenger Company transports all solid waste to the Blue Line Transfer facility at 500 East Jamie Court where solid waste is processed, treated, and transported to other disposal facilities. The Blue Line Transfer facility has a permitted capacity of 2,400 tons per day.[9] Any trash remaining after the usable materials have been separated at the transfer facility are transported to the Corinda Los Trancos (Ox Mountain) Sanitary Landfill or the Newby Island Sanitary Landfill.

The project site would continue to be served by the South San Francisco Scavenger Company and Blue Line Transfer. State law requires trash to be collected in three separate streams: waste, mixed recycling, and compost, in accordance with Assembly Bill (AB) 341, AB 1826, and Senate Bill (SB) 1383. The City requires further separation of mixed recycling into paper, containers, and cardboard.

The proposed project would comply with City requirements. Trash from proposed buildings would be collected in five different streams, including waste, recyclables, and compostable materials. Recyclable materials would be further sorted into paper, container, and cardboard types of materials. The proposed project would have two central trash locations per building, for a total of four. The trash areas would be adjacent to the loading areas and connected to the service elevators.

2.6 Project Construction

The proposed project would be constructed in eight phases, including demolition of the warehouse buildings, administrative building, and open air structures. After receipt of the building permit, construction of the proposed project is anticipated to take approximately 5 years, with construction on the southern portion of the project site beginning in March 2026 and ending in October 2028 and construction on the northern portion of the project site beginning in November 2028 and ending in May 2031. The phases of construction would consist of (1) rough

[7] BroadBandNow. 2023. *Business Internet Providers in South San Francisco, California*. Available: https://broadbandnow.com/business/California/South-San-Francisco. Accessed: April 12, 2023.

[8] South San Francisco Scavenger Company. n.d. *About Us*. Available: https://ssfscavenger.com/about-us/. Accessed: June 3, 2024.

[9] California Department of Resources Recycling and Recovery. 2024. *Blue Line MRF and TS*. Available: https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/1598?siteID=3259. Accessed: June 3, 2024.

grading and site demolition, (2) deep foundation installation, (3) foundation installation, (4) superstructure construction, (5) building enclosure construction, (6) interior buildout, (7) sitework, and (8) final building inspections.

Demolition, grading, and excavation would generate approximately 40,214 cubic yards (cy) of material, including removed fencing, building materials, concrete, soil, and asphalt. In addition, during demolition and grading, approximately 70,000 cy of soil would be imported for site preparation.[10] The proposed project would excavate to a depth of approximately 3 to 7 feet below the ground surface for utility work. The average level of the project site is 6 feet above sea level. The maximum depth of excavation would be 5 feet below sea level for the sanitary sewer main upgrade.

The haul route for demolition materials would be U.S. 101, with trucks traveling from the project site either northbound or southbound. Trucks using the northbound haul route would exit the project site, travel from Produce Avenue to Mitchell Avenue, then continue to South Airport Boulevard and the on-ramp located off the boulevard. Trucks using the southbound haul route would exit the project site, then make a right turn from Terminal Court to the Produce Avenue on-ramp. The haul route for deliveries or trucks returning to the project site would be in the opposite direction.

The hours of construction would be stipulated by the City Building Division. The project contractor would be required to comply with Section 8.32.050 of the City Municipal Code (i.e., the City Noise Ordinance), which includes regulations related to noise generated by construction. Project construction would typically occur Monday through Friday between 8:00 a.m. and 8:00 p.m., although some work is anticipated to occur on Saturdays between 9:00 a.m. and 8:00 p.m. or on Sundays between 10:00 a.m. and 6:00 p.m. Approximately 172 instances of nighttime or early-morning construction work may occur (e.g., drilling work, steel erection, concrete pouring). Drilling and steel erection, with use of a crane, may begin as early as 5:00 a.m. to 6:00 a.m. The drilling and crane work would take place during these early morning hours over an estimated 40 days and 105 days, respectively. Concrete pouring may occur during nighttime or early-morning hours, with approximately 5 nights of concrete pours potentially starting between 12:00 a.m. and 2:00 a.m. and an additional 22 nights between 4:00 a.m. and 6:00 a.m. Construction is not anticipated to occur on legal holidays.

Project construction would use, on average, approximately 1,303,405 gallons (or 4 acre-feet) of water per year over the approximately 5-year construction period. Dewatering may be required during project construction, depending on the weather at the time of construction. A stormwater pollution prevention plan (SWPPP) would be implemented during project construction. Furthermore, an approximately 15-foot buffer would be incorporated between construction work areas in the southern portion of the project site and the top of the bank of the navigable slough.

[10] To provide a conservative estimate, the analysis of construction impacts on air quality, noise, and transportation in Sections 4.2, *Air Quality*; 4.5, *Noise and Vibration*; and 4.6, *Transportation and Circulation*, assume that 170,000 cy of soil would be imported.

2.7 General Plan, Specific Plan, and Zoning Code Amendments

As described above, the project site is currently designated as MIH under the General Plan, Lindenville Specific Plan, and City Zoning Code. In order to construct and operate the proposed project, a General Plan, Specific Plan, and City Zoning Code amendment would be required to redesignate the site as BTP-H. The BTP-H land use designation allows for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan describes the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The BTP-H land use designation was created to encourage campus-like environments for offices, R&D facilities, and corporate headquarters.

As currently written, City Zoning Code Section 20.040.009.A.4, Excluded from Floor Area in Calculating FAR, states that active ground-floor uses in a new mixed-use or nonresidential development east of 101 and in the T4C, T4M, and T5C zoning districts can be excluded from FAR calculations, provided that the nonresidential uses are active and open to the general public. Excluded uses from FAR calculations in these zoning districts include, but are not limited to, childcare facilities, personal services, retail establishments, full-service or limited-service restaurants, and similar active uses. The proposed project would amend City Zoning Code Section 20.040.009.A.4 to add BTP-H zoning districts within the Lindenville Planning Sub-Area to the covered zoning districts so that the proposed day-care center would be excluded from FAR calculations. With this amendment, the proposed project would be within the allowable FAR for the BTP-H zoning designation, as described in more detail in the following paragraph.

As established in the City Zoning Code, under the BTP-H zoning designation, the maximum surface area covered by structures (i.e., lot coverage) is limited to 60 percent, with a minimum of 15 percent of the site made up of landscaping. The base maximum permitted FAR under the BTP-H zoning designation is 0.5, but increases may be permitted, up to a total FAR of 2.0, for uses such as R&D facilities or development meeting specific TDM, off-site improvement, or design standards. In addition, the zoning ordinance provides specific exceptions to FAR limitations for projects, based on a Community Benefits Program (see City Municipal Code Chapter 20.395). The proposed project would have a FAR of 2.0, consistent with the requirements of the BTP-H zoning designation.

In addition to the above General Plan and City Zoning Code amendment for the Infinite 131 project site, the proposed project would include additional amendments to the General Plan, Specific Plan and City Zoning Code to redesignate five parcels north of the project site, across Terminal Court, at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (APNs 015-113-350, 015-113-290, 015-113-340, 015-113-330, 015-113-320). The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan and City Zoning Code; they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. Further, the redesignation of these parcels would be consistent with Specific Plan Policy LU-5.2, *Golden Gate Produce Terminal and Park N' Fly sites*, which encourages parcel assemblage of the Park N' Fly site (160 Produce Avenue) and the Golden Gate Produce Terminal site (131 Terminal Court) to encourage

developers to create a master plan and an appropriate environmental analysis for office and R&D uses on the site. As stated above, the five parcels total approximately 7.28 acres and currently comprise a large Park N' Fly surface parking lot and a Shell gas station.

The purpose of the off-site redesignation parcels is to ensure that future development is cohesive and consistent with the development proposed as part of the project. Because the project sponsor does not own the five off-site redesignation parcels, the proposed project would not include the construction of any new uses on the off-site redesignation parcels. Therefore, no direct impacts on the environment would occur. However, the analysis in Chapter 4 of the EIR evaluates the reasonably foreseeable indirect impacts that could result from the proposed off-site redesignation parcels. Future development within the five parcels would be subject to environmental review in accordance with CEQA, potentially tiering from the analysis for the off-site redesignation parcels in the EIR.

Figure 2-6 and Figure 2-7 illustrate the proposed land use and zoning designations for the project site, off-site redesignation parcels, and the surrounding area.

2.8 Required Permits and Approvals

Implementation of the proposed project would require certain entitlements and approvals from the City and other agencies. Table 2-2 lists the entitlements and approvals, which would be subject to review and approval by the City and other agencies, required for the proposed project.

Table 2-2. Required Permits and Approvals for the Proposed Project

Agency	Permit/Review Required
City of South San Francisco	Planning Commission and City Council: ● General Plan Amendments ● Specific Plan Amendments ● Zoning Code Amendments ● Design Review ● TDM Plan Approval ● Subdivision Map ● Development Agreement Engineering Division: ● Grading Permit(s) ● Encroachment Permit(s) ● Site Plan Check ● Hauling Permit(s) Building Division: ● Building Permit(s) ● Certificate of Occupancy Other: ● Fire Code Compliance
California Department of Transportation*	● Encroachment Permit
California Regional Water Quality Control Board*	● Clean Water Act Section 402 National Pollutant Discharge Elimination System General Construction Stormwater Permit and Stormwater Pollution Prevention Plan
Bay Area Air Quality Management District	● Stationary-Source Permit (Authority to Construct and Permit to Operate) for Generators or Similar Equipment
City/County Association of Governments, Airport Land Use Commission	● Determination of Consistency with the Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport
Federal Aviation Administration	● Notice of Proposed Construction and Alteration and Federal Aviation Administration Determination per Code of Federal Regulations Title 14, Part 77.9
Bay Conservation and Development Commission*	● Permit for Work in the shoreline band pursuant to McAteer-Petris Act Government Code Sections 66600 to 66684

*A responsible agency.

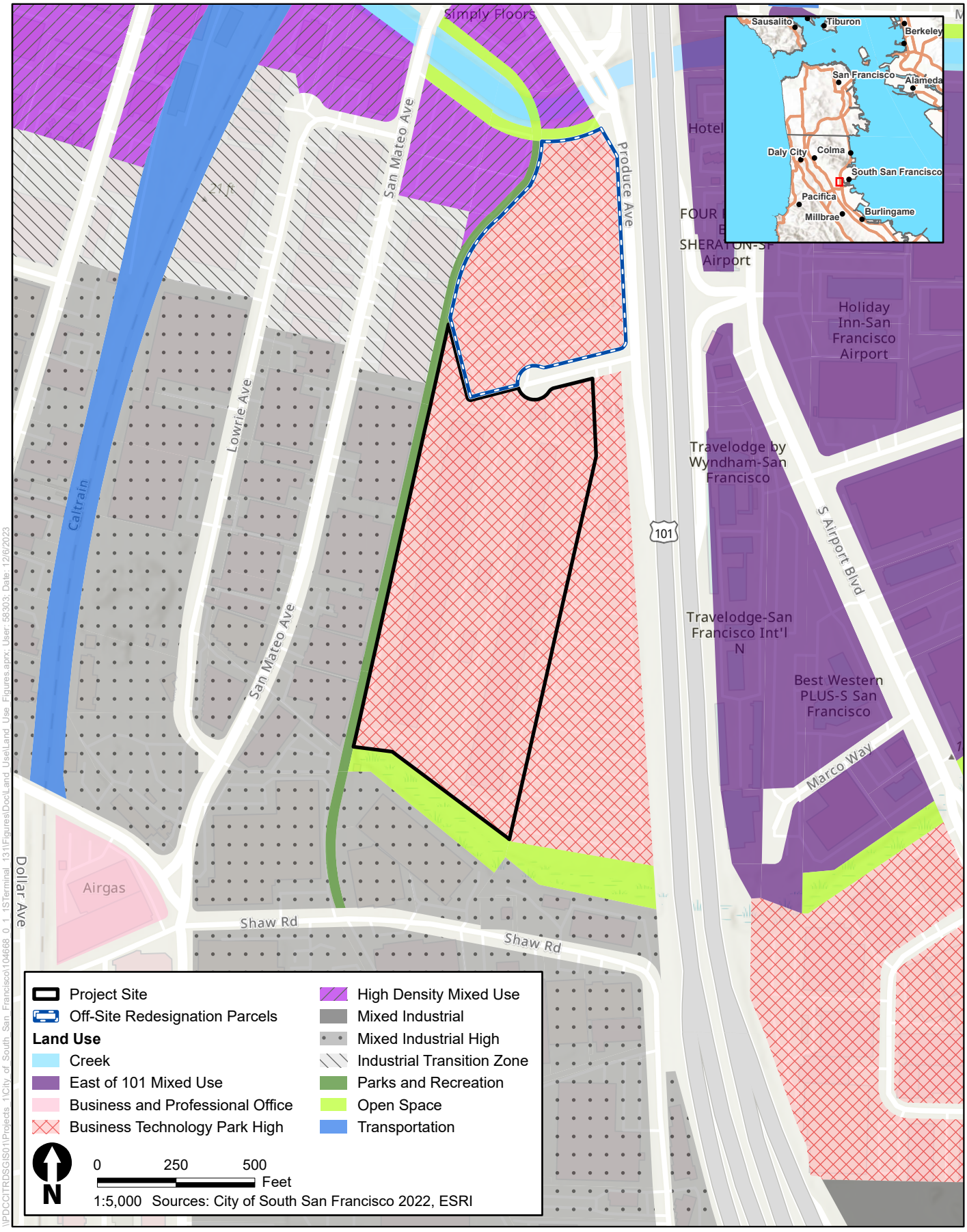

Figure 2-6
Proposed General Plan Amendments

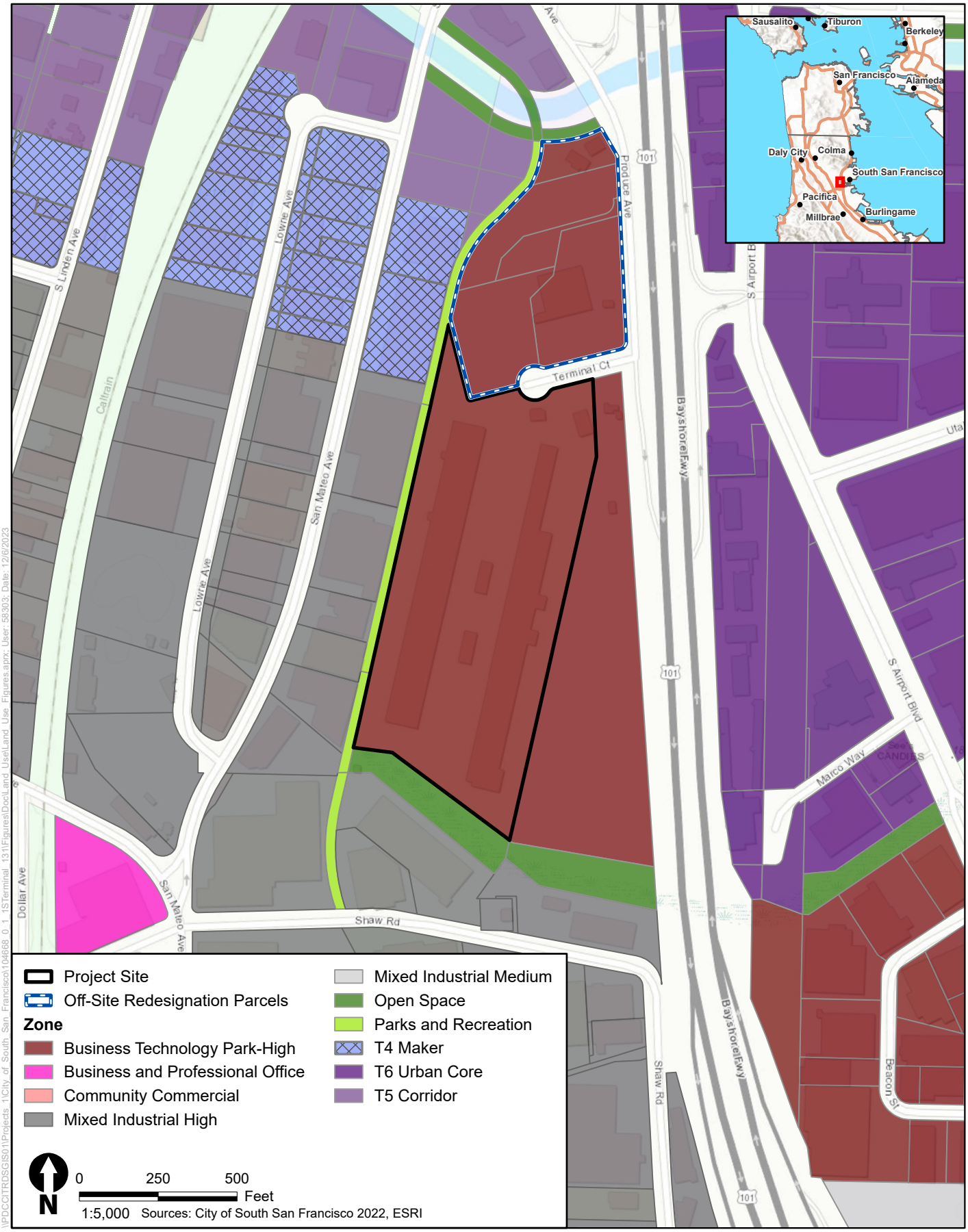

Figure 2-7
Proposed Zoning Code Amendments

Chapter 3
Environmental Checklist

Pursuant to Public Resources Code Section 21061 and California Environmental Quality Act (CEQA) Guidelines 15150, this analysis incorporates by reference the Shape SSF 2040 General Plan Update Environmental Impact Report (General Plan EIR) and the Lindenville Specific Plan (Specific Plan) Addendum. Where information is incorporated by reference, the information is briefly described or summarized (CEQA Guidelines Section 15150[c]). Refer to Chapter 1 of this environmental impact report (EIR) for the location where the General Plan EIR and Specific Plan Addendum are available for public inspection.

3.1 Aesthetics

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
1. AESTHETICS: Except as provided in Public Resources Code Section 21099, Would the project:					
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒	☐
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☐	☒
c) In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☐	☒	☐
d) Create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?	☐	☐	☐	☒	☐

3.1.1 Setting

The project site is located on the west side of the U.S. 101 corridor, within the Lindenville Specific Plan area, which is characterized as a low-density industrial area with large blocks of industrial and warehouse buildings of varying sizes, paved parking, and minimal landscaping. The style of buildings within the Specific Plan area is predominantly utilitarian, with concrete, metal, and stucco façades. Land uses surrounding the project site include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot are north of the project site, a large surface parking lot and U.S. 101 (known as Bayshore Freeway) are adjacent to the eastern portion of the project site, a navigable slough that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. In addition, the project site is approximately 1 mile west of San Francisco Bay (Bay) and

0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. The southern part of the project site includes a portion of the shoreline band jurisdiction of the San Francisco Bay Conservation and Development Commission (BCDC) adjacent to the navigable slough. The project site is also approximately 1 mile northwest of San Francisco International Airport (SFO).

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market, and associated surface parking. The site consists of two warehouse buildings and a smaller administration building. The site is also developed with open-air structures, including loading docks and trash compactors, which are associated with operations at the Golden Gate Produce Terminal. The topography of the project site is relatively flat, approximately 6 feet above mean sea level.[1] There is little to no on-site landscaping, and there are no trees on the project site.[2]

The off-site redesignation parcels are north of the project site, across Terminal Court, at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue. The off-site redesignation parcels currently comprise a large Park N' Fly surface parking lot and a Shell gas station.

3.1.2 Discussion

Pursuant to Public Resources Code Section 21061 and CEQA Guidelines 15150, this analysis incorporates by reference the General Plan EIR and the Specific Plan Addendum. Where information is incorporated by reference, the information is briefly described or summarized (CEQA Guidelines Section 15150[c]). Refer to Chapter 1 of this EIR for the location where the General Plan EIR and Specific Plan Addendum are available for public inspection.

3.1.2.1 Scenic Vistas

In the vicinity of the project site, views of the South San Francisco hillside sign, Sign Hill, San Bruno Mountain, and the Coast Range are visible in the background when facing north or west. However, the Lindenville Specific Plan area is relatively flat, resulting in limited views. These elevated features are viewed mainly through channelized view corridors (i.e., areas between buildings and vegetation in the immediate foreground). Visual resources to the east, such as the Bay and the Bay Trail along San Bruno Canal, are generally not visible from the vicinity of the project site because of the flat topography, distance, and intervening structures that provide visual separations. Similarly, the project site is not visible from the Bay or the Bay Trail. The project site and its surroundings are not considered scenic vistas or scenic resources. Therefore, the obstruction of background views from the surrounding areas and adjacent roadways would not affect scenic vistas or scenic resources.

Nearby areas with higher elevations, such as the site for the South San Francisco hillside sign, Sign Hill, and San Bruno Mountain, provide vistas of the city, the Bay, and the surrounding region. The project site is partially visible from these areas; however, the project site is viewed as a minor element in the expansive views, which encompass the urbanized setting of South San Francisco, the surrounding cities, and SFO, with the Bay in the middleground and the Coast Range and the East Bay Hills in the background. The height of the proposed buildings (i.e., a maximum of 113 feet 6 inches to the top of the rooftop appurtenances) would not substantially affect these views because of the

[1] Haley & Aldrich, Inc. 2022. *ASTM Phase I Environmental Site Assessment 131 Terminal Court, South San Francisco*. April 2022.

[2] HMH Engineers. 2022. *Terminal 131 Certified Tree Inventory*. July 27, 2022.

distance between the viewers and the project site. In addition, the proposed buildings would be viewed as a small component in the vast expanse of these views. Furthermore, the proposed buildings would not obstruct views of the Bay, sky, or the Coast Range as seen from higher elevations.

Although the proposed building heights would be greater than those of the buildings immediately adjacent to the project site, they would be generally consistent with the multi-story buildings in the downtown area adjacent to U.S. 101, which have a maximum height of 85 feet. The proposed project would continue the pattern of mid-rise building development along the west side of the U.S. 101 corridor. The proposed building heights would not substantially affect vistas because of the distance between the viewers and the project site; the superior position of viewers relative to the project site (i.e., at a higher elevation); the built-out, urban nature of the city; and the vast expanse of these views. Therefore, the proposed project would have a less-than-significant impact on scenic vistas.

The development application for the proposed project will be reviewed under the design review procedures in Chapter 20.480 (*Design Review*) of the City of South San Francisco (City) Zoning Ordinance, including Section 20.480.006 (*Design Review Criteria*), which specifically states that a site that is subject to design review shall be graded and developed with due regard for the natural terrain, aesthetic quality, and landscaping so as not to impair the environmental quality in the area. In addition, the proposed project would be required to comply with policies and actions of the Shape SSF 2040 General Plan (General Plan) that are designed to protect view corridors, scenic resources, and natural features. The proposed project would adhere to City standards, ensuring that impacts on scenic vistas would remain ***less than significant***.

3.1.2.2 Scenic Resources within a State Scenic Highway

The proposed project would not be located adjacent to, or in view of, a designated state scenic highway or corridor. The closest designated scenic highway is Interstate (I) 280, which is approximately 1.7 miles west of the project site. State Route (SR) 35, which is 2.5 miles to the west, is eligible for designation as a state scenic highway. Most of the views of South San Francisco from these corridors are shielded by trees and buildings. Because of the distance, the project site is not visible from any portion of I-280 or SR-35. Therefore, ***no impact*** related to scenic resources within a state scenic highway or corridor would occur.

3.1.2.3 Visual Character

The following discussion evaluates the proposed project's consistency with key regulations governing scenic quality. For purposes of this evaluation, a conflict with applicable zoning and other regulations governing scenic quality would occur if the proposed project were to introduce a new visible element that would be inconsistent with regulations governing the overall scenic quality, scale, and character of surrounding development. The new element would need to be consistent with the City General Plan policies, Lindenville Specific Plan, City Zoning Ordinance, and City Municipal Code. This analysis considers consistency with City General Plan policies, Specific Plan policies, zoning, the land use designation, and City Municipal Code regulations governing scenic quality.

General Plan

Per the General Plan, key components of quality building design involve using sustainable, long-lasting building materials; orienting buildings toward streets to create inviting spaces; and designing buildings that reflect local history. The General Plan seeks to facilitate a building design

that creates walkable and inviting spaces by locating parking behind buildings, allowing for outdoor plazas and dining areas, and locating building frontages in proximity to the sidewalk edge, where appropriate. The General Plan includes the relevant policies listed below that would assist in reducing or avoiding impacts from the proposed project related to visual quality.

Policy LU-5.2 requires high-quality designs and development standards for research-and-development (R&D) companies that support a mix of larger higher-intensity campuses. The proposed project would demolish all existing on-site uses (i.e., industrial and operational uses associated with the Golden Gate Produce Terminal, along with open-air structures) and construct an R&D campus. The R&D uses and amenities would be constructed within seven buildings, ranging from one to six stories, along with two parking garages and additional surface parking. As shown in Figures 3.1-1 through 3.1-3, buildings would be tied together through landscaping and open spaces to create a sustainable campus environment.

Policy LU-9.2 encourages distinctive architecture and elements that add visual interest to buildings to enhance people's perceptions of South San Francisco as an interesting and inviting place. The proposed buildings would have primarily glass façades. Building exteriors would incorporate combinations of unitized curtain walls, glass storefronts, and aluminum panels to evoke a modern aesthetic. The proposed buildings would have metal-panel parapets to screen the rooftop mechanical equipment. The I131N parking garage would be constructed out of materials similar to those on the proposed buildings, including perforated metal panels, aluminum panels, painted concrete, and clear glazed glass. The buildings, as depicted in Figures 3.1-1 through 3.1-3, would include distinctive architecture to provide visual interest, as seen from U.S. 101 and adjacent streets.

Policy LU-8.8 maintains and protects unique public views of the city, the Bay, and local landmarks from major thoroughfares and hillside open spaces. Public views from scenic vistas and scenic resources are analyzed in Sections 3.1.1.1 and 3.1.1.2, above. There are no trees at the project site and little to no vegetation or other scenic resources. In addition, there are no scenic resources within the immediate vicinity. Although a navigable slough is located immediately south of the project site, this is not identified as a scenic resource in the City's General Plan. However, the project site is visible from major throughfares, such as U.S. 101, and other public viewing areas, such as Shaw Road. Although these locations are not considered scenic views or unique public views, the proposed buildings would be highly visible and would partially block views of scenic resources, as seen from the aforementioned areas.

As shown in Figure 3.1-1 (existing conditions), there are unobstructed views of the project site from southbound U.S. 101 as well as northbound U.S. 101. In addition, motorists traveling northbound have views of scenic resources such as Sign Hill, the South San Francisco hillside sign, and San Bruno Mountain in the background beyond the site. Motorists traveling southbound have views of the Coast Range in the background beyond the site. As depicted in Figure 3.1-1 (proposed conditions), the proposed buildings at the project site would be visible from U.S. 101 and considerably taller than the existing development in the immediate area. However, the proposed landscaping, which would be visible along the eastern perimeter, would soften the proposed project's appearance and reduce its visual contrast with the surrounding landscape. In addition, although the proposed buildings would obstruct the majority of views of Sign Hill, the South San Francisco hillside sign, San Bruno Mountain, and the Coast Range from this segment of the U.S. 101 corridor, U.S. 101 is not a designated scenic route. The freeway is highly traveled; however, motorists have only fleeting views of the project site because of the speeds permitted on U.S. 101 and because users of U.S. 101

a. Existing

b. Proposed

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Figure 3.1-1
US 101 Northbound Facing South

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a. Existing

b. Proposed

Graphics ... 104668 (10-26-2023) JC

Figure 3.1-2
San Mateo Avenue Facing East

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a. Existing

b. Proposed

Graphics ... 104668 (10-30-2023) JC

ICF

Figure 3.1-3
Shaw Road Facing North

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typically direct their attention to the freeway ahead rather than views from the freeway. The views of the project site from U.S. 101 do not constitute unique public views, and motorists on U.S. 101 are not considered sensitive viewers.

As shown in Figures 3.1-2 and 3.1-3 (existing conditions), because of the flat topography, existing features on the majority of the project site are visible only from San Mateo Avenue and Shaw Road (i.e., from certain viewpoints between intervening buildings and vegetation). However, highly channelized views of San Bruno Mountain are available between buildings and vegetation when facing north on Shaw Road. The new buildings under the proposed project would be visible from San Mateo Avenue and Shaw Road (Figures 3.1-2 and 3.1-3 [proposed conditions]) and would block the majority of the existing background views of San Bruno Mountain. However, Shaw Road is in an industrial area that is surrounded by warehouse buildings and U.S. 101 and not considered a unique public view.

Policy SA-32.5 requires landscaping buffers and other buffers to reduce noise, visual, and air quality impacts associated with U.S. 101. As shown in Figure 3.1-1 (proposed conditions), dense landscaping would be provided along the eastern perimeter of the project site, within view of U.S. 101. This would provide a buffer between the proposed buildings and U.S. 101 to reduce noise, visual, and air quality impacts associated with the freeway.

Policy LU-8.4 requires new development to add street trees, as well as other attractive landscaping, along streets and public spaces to provide shade and contribute positively toward public health outcomes and climate mitigation and adaptation. The proposed project would include trees along the perimeter of the project site, creating a visual buffer between the project site and the surrounding areas.

The proposed project would be consistent with the policies outlined in the General Plan. Therefore, the proposed project would be consistent with applicable policies in the General Plan that govern scenic quality in an urbanized area, resulting in ***less-than-significant*** impacts.

Lindenville Specific Plan

The Lindenville Specific Plan, adopted in September 2023, establishes the planning framework for the Lindenville Planning Sub-Area. The Specific Plan includes design and development standards and policies that can be applied to redevelop the area from a strictly industrial area to an area with a diverse mix of land uses with high-quality designs, open spaces, and blue-green infrastructure that still retains its industrial uses. Chapter 4, *Design and Development Standards*, of the Specific Plan contains development standards specific to the Specific Plan area, based on the character area and zoning districts, which define the “look and feel” of each character area. Specific Plan Policy DD-2.1 encourages buildings of various heights and sizes, Policy DD-2.2 encourages tall buildings to provide distinct open space, Policy DD-2.3 requires a visually interesting façade, Policy DD-2.4 facilitates high-quality architecture to create a coherent place, and Policy DD-3.2 requires dedication of new public park and open spaces. As described in more detail above, the proposed project would be consistent with these policies, which are similar to those presented in the General Plan. In addition, the City’s design review process would ensure that future developments would be consistent with the applicable City regulations governing scenic quality. Furthermore, under the Specific Plan, the project site would be designated as Mixed Industrial High (MIH), which would allow for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses.

In order to construct and operate the proposed project, a Specific Plan Amendment would be required to redesignate the site as BTP-H. Upon implementation of the Specific Plan Amendment, the proposed project would be consistent with applicable regulations and policies in the Specific Plan that govern scenic quality, resulting in ***less-than-significant*** impacts.

Zoning Ordinance

The City Zoning Ordinance contains architectural guidelines, design review criteria, lot and development standards, landscaping requirements, and other regulations for various land uses in order to promote aesthetic quality within the city and protect scenic views. In particular, Chapter 20.480 (*Design Review*) establishes procedure for design review, ensuring that development supports General Plan policies that preserve the scale and character of established neighborhoods and that scenic vistas are protected. Section 20.480.006 (*Design Review Criteria*) identifies the criteria by which the design review board, chief planner, planning commission, or City Council evaluates applications and ensures that they conform to the policies of the General Plan, as well as any applicable specific plan, and are consistent with other policies or guidelines the City Council may adopt.

The project site is designated in the City's Zoning Code as MIH. As established in the City's Zoning Code, the maximum building height allowed under the existing MIH zoning designation is 65 feet. A City Zoning Code amendment would be required for the proposed project to redesignate the site as BTP-H. The BTP-H land use designation allows for high-density corporate headquarters, R&D facilities, and office uses. The land use designation was created to encourage campus-like environments for offices, R&D facilities, and corporate headquarters. The proposed project would include an R&D facility that would encourage a campus environment, with proposed buildings linked together through a network of landscaping elements and open space. Therefore, upon implementation of the City Zoning Code amendment, the proposed project would be consistent with applicable regulations in the zoning ordinance that govern scenic quality, resulting in ***less-than-significant*** impacts.

Municipal Code – Tree Preservation Ordinance

The City Municipal Code also contains rules and regulations related to visual character. Chapter 13.30 (*Tree Preservation*) requires the City, the private property owner, and/or project applicant to preserve, protect, and plant trees in order to preserve the scenic beauty of the city. The proposed project would include a landscape plan to compensate for the removal of vegetation and enhance the overall development. The landscape plan would include planting trees on-site, in accordance with the City Tree Preservation Ordinance. Upon project buildout, 659 trees would be provided within the courtyard areas, surface parking lot, and along the roadways. Landscaped areas would include a mix of native and adapted vegetation with low water demand; a minimum of 80 percent would be native vegetation. The proposed trees and all other landscaping would be planted in compliance with City regulations. Therefore, the proposed project would be consistent with applicable regulations in the City Municipal Code that govern scenic quality, resulting in ***less-than-significant*** impacts.

Climate Action Plan

The Climate Action Plan includes actions that would improve the visual character of the city. Specifically, implementation of Action CS 2.1 would expand the canopy cover to reach the goals of the Urban Forest Master Plan,[3] which would improve the visual character of the city. As discussed above, there are no trees, or other vegetation, on the project site. However, upon project buildout, 659 trees would be provided within the courtyard areas, in the surface parking lot, and along the roadways. The proposed trees would serve to expand the overall canopy cover, thereby helping to improve visual character within the city. Therefore, the proposed project would be consistent with applicable actions in the Climate Action Plan that govern scenic quality, resulting in ***less-than-significant*** impacts.

3.1.2.4 Light and Glare

Any new source of project-related light or glare that would adversely affect daytime or nighttime views in the area would be regarded as a significant environmental impact. Lighting at the project site would include canopy-mounted linear lights as well as linear LED uplight-type wall-mounted units on the exterior of the buildings and at building entrances. Exterior pole-mounted fixtures would be provided in open space areas, vehicular circulation areas, and other hardscaped areas. In addition, low-level pedestrian lighting would be provided along pathways and in terrace areas. All exterior lighting would conform to the City Zoning Code, Section 20.300.009, *Lighting and Illumination*. The Specific Plan also includes Policy OS-3.4, which requires development to mitigate lighting impacts by integrating "dark sky" best practices. Chapter 5.7.9, *Exterior Lighting*, prohibits lighting designs that could provide a visual hazard for aircraft, requires lighting near habitat areas to illuminate only areas of human use, and requires development projects to complete studies for exterior lighting. The project site is not near any light-sensitive receptors. The site is surrounded by transportation infrastructure, including U.S. 101. Therefore, the proposed project would not result in a substantial new off-site source of light or glare, resulting in a ***less-than-significant*** impact.

3.1.2.5 Cumulative Impacts

According to the evaluation above, the project would result in either a less-than-significant impact or no impact. However, cumulative impacts could occur when project impacts combine with impacts from nearby cumulative development. In particular, the Infinite 101 Project, which would be immediately adjacent to the project site to the east, could result in cumulative changes to the visual setting. The Infinite 101 Project would block the majority of the views of the proposed project from U.S. 101, but in general, the two projects would have a similar design and similar scale, height, and massing. Similar to the proposed project, any new projects, including the Infinite 101 Project, would be required to comply with design review regulations and policies identified in the analysis above within the City Municipal Code, Zoning Ordinance, and General Plan. Therefore, the proposed project in combination with other development projects would not result in a significant cumulative impact related to aesthetics. Cumulative impacts would be ***less than significant***.

[3] The City of South San Francisco Urban Forest Master Plan (UFMP), adopted in 2020, serves as a guide for managing, enhancing, and growing South San Francisco's urban forest and community tree resources. The UFMP includes short-term actions and long-range planning goals to promote sustainability, species diversity, and greater canopy cover throughout South San Francisco.

3.1.3 Off-Site Redesignation Parcels

The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan, and City Zoning Code. However, they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The proposed project does not include the construction of any new uses on the off-site redesignation parcels.

The BTP-H land use designation was created to encourage campus-like environments for future development that is similar and consistent with development in the area. Although the new zoning would allow for taller buildings to be constructed in the future (65 feet under the MIH land use designation compared to height restrictions consistent with Federal Aviation Administration [FAA] regulations in the BTP-H land use designation), the allowance for taller buildings at the redesignation parcels would be consistent with that of the immediately surrounding properties. Future development on the redesignation parcels would be subject to the City's design review process (City Municipal Code Chapter 20.480, *Design Review*), which would ensure that developments would be consistent with relevant City design policies and include high-quality designs that preserve or enhance existing visual resources and scenic vistas. In addition, future development would be subject to City Municipal Code Section 20.300.009, which establishes regulations to minimize sky brightness, glare, light trespass across property lines, and disruptions to nocturnal ecosystems, and the California Energy Code (Title 24), which regulates designs for lighting, such as maximum power and brightness, shielding, and sensor controls to turn lights on and off. The future development of the redesignation parcels would also be required to adhere to the policies in the Specific Plan. For these reasons, implementation of the redesignation parcels would result in ***less-than-significant*** impacts related to scenic vistas, visual resources, plans, and policies governing scenic quality as well as light and glare. No further evaluation in an EIR is required.

3.2 Agriculture and Forestry Resources

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
2. AGRICULTURE AND FORESTRY RESOURCES: **In determining whether impacts on agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts on forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forestland, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project, and the forest carbon measurement methodology provided in forest protocols adopted by the California Air Resources Board.**					
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use or a Williamson Act contract?	☐	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forestland (as defined in Public Resources Code Section 12220[g]), timberland (as defined by Public Resources Code Section 4526), or timberland zoned for timberland production (as defined by Government Code Section 51104[g]).	☐	☐	☐	☐	☒
d) Result in the loss of forestland or conversion of forestland to non-forest use?	☐	☐	☐	☐	☒
e) Involve other changes in the existing environment that, due to their location or nature, could result in non-agricultural use or the conversion of forestland to non-forest use?	☐	☐	☐	☐	☒

3.2.1 Setting

The California Department of Conservation maps the project site as "Urban and Built-Up" or "Other Land."[4] The department defines Urban and Built-Up land as "land occupied by structures with a building density of at least one unit to 1.5 acres, or approximately six structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other developed purposes." The Department of Conservation defines Other Land as "land not included in any other mapping category. Common examples include low-density rural developments; brush, timber, wetland, and riparian areas not suitable for livestock grazing; confined livestock, poultry, or aquaculture facilities; strip mines, borrow pits; and water bodies smaller than 40 acres. Vacant and nonagricultural land surrounded on all sides by urban development and greater than 40 acres is mapped as Other Land."[5] Neither of these designations falls under the

[4] California Department of Conservation. 2022. *California Important Farmland Finder*. Available: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed: November 7, 2023.

[5] California Department of Land Conservation. 2024. *Important Farmland Categories*. Available: https://www.conservation.ca.gov/dlrp/fmmp/Pages/Important-Farmland-Categories.aspx. Accessed: June 3, 2024.

"important farmland" umbrella (i.e., Prime Farmland, Unique Farmland, Farmland of Statewide Importance [Farmland]). No existing agricultural or forestry land uses occur within the city, and no portion of the city is designated as an agricultural or forestry resource by the City or the State of California (State).[6] The City does not have any active Williamson Act contracts.[7]

3.2.2 Discussion

The project site and all surrounding lands within the city are identified as Urban and Built-up Land by the California Department of Conservation, with no "important farmland" (i.e., Farmland). Consequently, there is no potential for the project to result in the conversion of important farmland to nonagricultural uses, and no land within the project site is agricultural land under a Williamson Act or Farmland Security Zone contract. Because there is currently no livestock grazing at the project site, there would be no impact related to the conversion of Farmland to non-agricultural use. In addition, the project site is not zoned for forestland, timberland, or timberland production under the General Plan, Specific Plan, or City Zoning Code. Because there is no forestland on the project site, there would be no impact related to the conversion of forestland to non-forestland uses. The proposed project would result in ***no impact*** on agriculture and forestry resources.

3.2.3 Cumulative

According to the evaluation above, the project would have no impact on agricultural or forestry resources. Therefore, when combined with cumulative development evaluated in the General Plan EIR and the Specific Plan Addendum, no new cumulative impacts would occur. The proposed project in combination with other development projects would not result in a significant cumulative impact related to agricultural or forestry resources. There would be no additional cumulative impacts.

3.2.4 Off-Site Redesignation Parcels

The proposed project would require amendments to the General Plan and Specific Plan and an associated zone change from MIH to BTP-H for the off-site redesignation parcels. The purpose of the off-site redesignation is to ensure that future development is similar to and consistent with the development proposed as part of the project. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The BTP-H land use designation was created to encourage campus-like environments for offices, R&D facilities, and corporate headquarters.

[6] California Department of Conservation. 2022. *California Important Farmland Finder*. Available: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed: June 3, 2024.

[7] California Department of Conservation. 2023. *California Williamson Act Enrollment Finder*. Available: https://maps.conservation.ca.gov/dlrp/WilliamsonAct/App/index.html. Accessed: June 3, 2024.

As discussed in the Specific Plan Addendum and General Plan EIR, which are incorporated by reference, agricultural and forestry resources do not occur within the Specific Plan area; therefore, there would be no impacts on agricultural and forestry resources. Furthermore, no lands within city boundaries are under a Williamson Act contract. The redesignation of five off-site parcels from MIH to BTP-H would not change the above conclusions because the same lands would be disturbed—lands that are not currently used for agricultural or forestry activities. Therefore, there would be ***no impact*** on agricultural and forestry resources as a result of the off-site redesignation parcels, and no further evaluation in an EIR is required.

3.3 Air Quality

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
3. AIR QUALITY: Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:					
a) Conflict with or obstruct implementation of the applicable air quality plan?	☒	☐	☐	☐	☐
b) Result in a cumulatively considerable net increase in any criteria pollutant for which the project region is in non-attainment status under an applicable federal or state ambient air quality standard?	☒	☐	☐	☐	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☒	☐	☐	☐	☐
d) Result in other emissions (such as those leading to odors) that would adversely affect a substantial number of people?	☐	☐	☐	☐	☒

The proposed project is an R&D project. It does not include any land uses that are known to generate substantial odors, such as wastewater treatment plants, sanitary landfills, transfer stations, composting facilities, petroleum refineries, asphalt batch plants, chemical manufacturing facilities, fiberglass manufacturing facilities, auto body shops, rendering plants, and coffee roasting facilities. During construction, diesel exhaust from construction equipment would generate odors. However, construction-related odors would be temporary and would not persist upon project completion. Operation of the proposed project, which is a typical urban land use, is not anticipated to create significant sources of new odors. Thus, odors would not be expected to occur as a result of operation of the proposed project. Therefore, ***no impact*** would occur with respect to checklist question 3(d). This topic will not be addressed in the EIR.

Construction vehicles and equipment used during project construction would generate criteria air pollutants and ozone precursors, including reactive organic gases (ROGs), nitrogen oxide (NO_X), carbon monoxide (CO), and particulate matter. Construction of the project would also generate toxic air contaminants (TACs), including diesel particulate matter (DPM). During operation of the project, project-generated vehicle trips would generate criteria air pollutant emissions, and emergency generator testing would generate toxic air contaminants (TACs). Therefore, construction and operation of the project would have the potential to result in significant impacts with respect to checklist questions 3(a), 3(b), and 3(c). These topics will be analyzed in the EIR.

3.4 Biological Resources

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
4. BIOLOGICAL RESOURCES: Would the project:					
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☒	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒	☐
c) Have a substantial adverse effect on federally protected wetlands, as defined by Section 404 of the Clean Water Act (including, but not limited to, marshes, vernal pools, coastal areas) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒	☐
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☒	☐	☐
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒	☐
f) Conflict with the provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☐	☒

3.4.1 Setting

Much of the city of South San Francisco is already urbanized, and the amount of vacant land is limited. As stated in the City's General Plan, the most prevalent land use in South San Francisco is residential (occupying 39.8 percent of the land area), followed by industrial and R&D (29.5 percent); parks, open spaces, and common greens (9.9 percent); and public/institutional (6.6 percent); there are only about 153 acres of vacant land (about 3.4 percent of the city).

The project site is located within the Pacific Flyway, which extends from Alaska to Patagonia; the Pacific Flyway is one of four major flyways in North American used by migratory birds for their annual migrations. Naturally occurring open space in proximity to the project site includes San Bruno Mountain State and County Park, 3 miles to the north; San Francisco Bay, 1 mile to the east, and Crestmoor Canyon, 3.35 miles to the southwest. In addition, a north–south running strip of fragmented open space belonging to SFO (known as the West of Bayshore Subarea to the Airport Planning Department) is 1.59 miles southeast of the project site.

The 17.67-acre project site is completely developed with buildings and pavement within a predominantly urbanized area. There is little to no on-site landscaping, and there are no existing trees on the project site.[8] The site is bounded by Terminal Court, preceding the Park 'N Fly parking lot to the north; a pay booth, maintenance garage, and surface parking lot to the east; a navigable slough[9] that feeds into San Bruno Canal to the south; and commercial and industrial development to the west. Because the project site is completely developed, it does not contain natural land cover, protected wetlands/waters,[10] riparian habitat, or other sensitive natural communities.[11] There are no water features or waterways on the project site.

Although the project site is developed, some natural resource features are located nearby. A navigable slough is located immediately south of the site, and Colma Creek, a perennial stream in a concrete-lined channel, is approximately 0.27 mile north of the site. The slough is connected to San Bruno Canal and Colma Creek, which empties into San Francisco Bay approximately 1 mile east of the project site.

The biological resources impact analysis is based on a desktop review and evaluation of the following sources:

- A California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDB)[12] species list query for the project site and 1-mile buffer area;
- A California Native Plant Society (CNPS)[13] species list query for the U.S. Geological Survey (USGS) South San Francisco (3712264) 7.5-minute series quadrangle;
- A U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC)[14] query for the project site;
- The arborist memorandum for Terminal 131, July 27, 2022;[15]
- The City General Plan Draft EIR;[16]

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8 HMH Engineers. 2022. *Terminal 131 Certified Tree Inventory*. July 27, 2022.

9 The navigable slough is a remnant tidal channel that cuts through a commercial district in the city of South San Francisco. The slough is connected to San Francisco Bay. (ESA. 2019. *Navigable Slough Flood Management Study, Prepared for County of San Mateo, City of South San Francisco, and City of San Bruno*. Available: https://oneshoreline.org/wp-content/uploads/2020/06/Navigable-Slough-Flood-Management-Study.pdf. Accessed: April 12, 2023.)

10 U.S. Fish and Wildlife Service. 2023. *National Wetland Inventory Wetland Mapper*. Available: https://www.fws.gov/program/national-wetlands-inventory/wetlands-mapper/. Accessed: October 13, 2023.

11 California Department of Fish and Wildlife. 2023. *California Sensitive Natural Communities*. June 1. Available: https://www.wildlife.ca.gov/Data/VegCAMP/Natural-Communities. Accessed: October 13, 2023.

12 California Department of Fish and Wildlife. 2023. *California Natural Diversity Database*. RareFind Records Search. RareFind Version 5.3.0. Available: https://www.wildlife.ca.gov/Data/CNDDB/Maps-and-Data. Accessed: October 13, 2023.

13 California Native Plant Society. 2023. *Online Inventory of Rare and Endangered Plants of California*. Available: http://www.rareplants.cnps.org/advanced.html. Accessed: October 13, 2023.

14 U.S. Fish and Wildlife Service. 2023. *IPaC Species List.* Available: https://ecos.fws.gov/ipac/. Accessed: October 13, 2023.

15 HMH Engineers. 2022. *Terminal 131 Certified Tree Inventory.* July 27, 2022.

16 First Carbon Solutions. 2022. *Draft Program Environmental Impact Report, General Plan Update, Zoning Code Amendments, and Climate Action Plan*, *City of South San Francisco, San Mateo County, California*. State Clearinghouse Number 2021020064.

- The USFWS National Wetland Inventory and U.S. Environmental Protection Agency (EPA) data for the identification of waters and wetlands;[17,18] and
- Google Earth for aerial imagery.[19]

3.4.2 Discussion

3.4.2.1 Impacts on Special-Status Species

Because the project site is completely developed and no natural land cover or sensitive natural communities are present on the site, special-status wildlife species are not anticipated to occur on the site, with the exception of resident and migratory nesting birds protected under State law (California Fish and Game Code Sections 3503, 3503.5 and 3513) and federal law (e.g., Migratory Bird Treaty Act) and bats protected under State law (California Fish and Game Code Section 4150). Queries of the CNDDB, CNPS, and IPaC regarding special-status species with potential to occur in the region are included in Appendix J.[20] There is no potential habitat for special-status plants or special-status fish within the project site, but there is suitable habitat in the navigable slough south of the project site for four species, although two have low potential to occur. The majority of species listed in the queries have low or no potential to occur on or in immediate proximity to the project site because it is outside the species' range, lacks habitat for these species, and/or the surrounding dense urban development acts as a barrier between potential habitat and the site.

Longfin smelt (*Spirinchus thaleichthys*), a fish species designated as threatened by CDFW, and green sturgeon (*Acipenser medirostris*), a fish species designated as threatened by USFWS, have the potential to occur in the navigable slough south of the project site because this aquatic habitat is within the known range for the species. The proposed project would not result in direct impacts on longfin smelt or green sturgeon because no aquatic habitat is located on the project site; however, the potential exists for the proposed project to indirectly affect water quality in the navigable slough. Indirect impacts on aquatic habitats could occur because of impacts on water quality.

As discussed in more detail in Section 3.10, *Hydrology and Water Quality*, local drainage is managed by storm drain infrastructure. The proposed project would be required to comply with local and State regulations that call for implementation of best management practices (BMPs) to protect water quality during construction and operation. In addition, an approximately 15-foot buffer would be incorporated between construction work areas in the southern portion of the project site and the top of the bank of the navigable slough. Futhermore, discharges from storm drains to surface waters would be in compliance with waste discharge requirements. Temporary

[17] U.S. Fish and Wildlife Service. 2023. *National Wetland Inventory Wetland Mapper*. Available: https://www.fws.gov/program/national-wetlands-inventory/wetlands-mapper/. Accessed: October 13, 2023.

[18] U.S. Environmental Protection Agency. 2023. *WATERS GeoViewer*. Available: https://www.epa.gov/waterdata/waters-geoviewer. Accessed: October 13, 2023.

[19] Google Earth Pro. 2023. Aerial imagery: 131 Terminal Court, 37°38'38.98"N and 122°24'30.84"W. Accessed: October 13, 2023.

[20] Peregrine falcon (*Falcon peregrinus*) is not included in Appendix J because Senate Bill No. 147, Chapter 59, which was approved by the governor and took effect on July 10, 2023, removed this species from the fully protected speices list. Although the species is no longer designated as a fully protected species by CDFW, the species is protected under state and federal laws that protect birds and raptors.

dewatering is anticipated during construction; however, no permanent dewatering would be required during operation. Groundwater that fails to meet water quality standards would be treated prior to discharge or hauled off-site for treatment and disposal. Because there would be no direct impacts on longfin smelt or green sturgeon and water quality would be protected with implementation of local and State regulations, the proposed project's impact on longfin smelt and green sturgeon would be less than significant.

California Ridgway's rail (*Rallus longirostris obsoletus*) and salt marsh harvest mouse (*Reithrodontomys raviventris*) are species designated as endangered by USFWS and endangered and fully protected by CDFW. Althought suitable habitat for California Ridgway's rail and salt marsh harvest mouse is present in the navigable slough located south of the project site, the habitat is considered marginal; these species are considered to have low potential to occur for a combination of factors, including the small amount of suitable habitat in the slough, the slough being surrounded by development with high human disturbance, the distance to high-quality habitat, the fragmentation of the slough, the lack of CNDDB occurrences, and the presence of a feral cat colony in the area. On February 27, 2024, an ICF senior wildlife biologist conducted a site visit to document land cover and assess habitat for special-status species related to the navigable slough. During the survey, the biologist was able to observe the slough from the southern boundary of the project site and from the existing road located at the slough's western boundary. It was observed that the habitat in the navigable slough is salt marsh; the dominate vegetation in the slough channel is pickleweed (*Salicornia pacifica*) with scattered gumplants (*Grindelia* sp.). Non-native species dominate the upland slough banks, including a mix of pampas grass (*Cortaderia selloana*), fennel (*Foeniculum vulgare*), french broom (*Genista monspessulana*), ice plant (*Carpobrotus edulis*), wild radish (*Raphanus sativus*), hairy cat's ear (*Hypochaeris radicata*), mallow (*Malva* sp.), and non-native grasses; the south bank has non-native trees, including ngaio tree *(Myoporum laetum*).

The marsh and unvegetated channel between the north and south high-water marks in the section of slough south of the project site is approximatly 60 feet at its widest; there is no more than 45 feet of upland on the north side of the slough and 25 feet on the south side of the slough. The slough is surrounded by dense urban uses on all sides. Higher-quality habitat for species is approximately 0.87 mile (4,576 feet) east of where Colma Creek empties into San Francisco Bay;[21] between the project site and the bay, the slough is partially framented by double concrete culverts and a single concrete culvert under U.S. 101 and South Airport Boulveard, respectively. No CNDDB occurrences for California Ridgway's rail and salt marsh harvest mouse are recorded at or near the project site. There is only one CNDDB occurrence for California Ridgway's rail within 1 mile of the project; occurrence #44, approximately 1 mile (radius) in size, is associated with marshes along the open bay 0.8 mile east of the project site where suitable higher-quality habitat is present for this species. There are no CNDDB occurrences for salt marsh harvest mouse within 10 miles of the project; the nearest occurrence (#57) is more than 10 miles southeast of the project site where suitable higher-quality habitat is present for this species. In addition to these factors that reduce the potential for these species to occur in the slough, an active Purrfect Catch Foundation feral cat feeding station is just outside the southeast corner of the project site near the slough; multiple bowls with food and water were present during the site visit. Feral cats are predators of California Ridgway's rail and salt marsh harvest mouse, and cat food left at feeding stations can attract additional predators, including rats, skunks, raccoons, and opossums.

[21] Google Earth Pro. 2023. Aerial imagery: 131 Terminal Court, 37°38'38.98"N and 122°24'30.84"W. Accessed: October 13, 2023.

Because the navigable slough is salt marsh habitat, freshwater species, including San Francisco garter snake (*Thamnophis sirtalis tetrataenia*), have no potential to occur on the project site or in the navigable slough. Individual and population habitat needs for San Francisco garter include amphibian prey (e.g., red-legged frogs, treefrogs, other tertiary prey items), freshwater habitat with dense aquatic vegetation, upland habitat, and hibernacula.[22] In the navigable slough south of the project site, there is no freshwater habitat and limited upland habitat and hibernacula. Although three extant CNDDB occurrences (# 9, #13, and #55) overlap the project site and the navigable slough, the occurrences are not specific, approximately 7.5 miles by 17 miles in size. Information in CNDDB regarding occurrence #9 describes the location to be more than 4 miles southwest of the project site where suitable habitat for this species is present. Information in CNDDB regarding occurrence #13 and #55 did not provide further location details but described the presence of suitable habitat at each occurrence location. Freshwater marsh and ponds with adjacent grassland scrub, grassland fields, and trees are detailed in CNDDB related to occurrence #13, and a freshwater pond with scrub and trees is detailed in CNDDB related to occurrence #55. Because these habitat features are not present in the navigable slough south of the project area, it is deduced that occurrences #13 and #15 are not associated with the slough.

There is little to no on-site landscaping, and there are no existing trees on the project site.[23] However, the existing on-site structures, as well as landscaping (e.g., trees, shrubs, ornamental grasses) near the project site, could provide suitable nesting habitat for migratory birds and raptors, which, as described above, are protected under State and federal law. The proposed project would remove all on-site structures. If nests are present on-site or in the surrounding area and eggs, nestlings, or nesting individuals are harmed or killed during structure removal or substantially affected by construction noise or nighttime lighting during operation, a significant impact could occur. Trees and structures within or near the project site could also provide suitable roosting habitat for bats, which are protected under State law, although limited foraging habitat surrounds the project site. If bats are present in existing structures within the project site and structure removal results in disturbance, direct mortality, or roost site abandonment, as well as reduced reproductive success, a significant impact could occur.

In accordance with Mitigation Measure BIO-1, Special-Status Species, Migratory Birds, and Nesting Birds, from the General Plan EIR, the project would be required to retain a qualified biologist to conduct pre-construction surveys for nesting birds and roosting bats. If nesting birds or roosting bats are identified on the project site or in an area that could be disturbed during project construction, measures would be identified to avoid or minimize impacts on the individuals. With implementation of this measure, which would be enforced through project conditions of approval, impacts on nesting birds and roosting bats would be ***less than significant with mitigation***.

3.4.2.2 Impacts on Riparian Habitat or Other Sensitive Natural Communities

No riparian habitat or other sensitive natural community is present on the project site. The limited landscaping on the project site is not considered part of a sensitive natural community. The closest areas with potential for sensitive natural communities are the wetland habitats associated with the navigable slough, approximately 25 feet south of the project site.

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[22] U.S. Fish and Wildlife Service. 2020. *Species Status Assessment for the San Francisco Gartersnake* (Thamnophis sirtalis tetrataenia). Version 1.0, May, Sacramento, CA. Available: https://ecos.fws.gov/ServCat/DownloadFile/171618. Accessed: February 27, 2024.

[23] HMH Engineers. 2022. *Terminal 131 Certified Tree Inventory*. July 27, 2022.

The proposed project would not result in any direct impacts on sensitive natural communities; however, indirect impacts on potential sensitive natural communities could occur because of impacts on water quality. As described in Section 3.4.2.1, above, and Section 3.10.1, below, there would be no direct impacts on sensitive natural communities or riparian habitat because water quality would be protected through compliance with local and State regulations. In addition, an approximately 15-foot buffer would be incorporated between construction work areas in the southern portion of the project site and the top of the bank of the navigable slough. Therefore, the proposed project's impact on sensitive natural communities would be ***less than significant***.

3.4.2.3 Impacts on State or Federally Protected Wetlands

No federally protected wetlands or other jurisdictional waters are present on the project site. The nearest jurisdictional waters to the project site are Colma Creek and the navigable slough, which are north and south of the project site, respectively. Colma Creek is a perennial stream that empties into San Francisco Bay, with headwaters in San Bruno Mountain State Park. Colma Creek is approximately 0.27 mile north of the project site, and the portion of the creek closest to the project site is contained within a concrete channel. The navigable slough south of the project site is an estuarine wetland approximately 25 feet south of the project site. The navigable slough passes through a culvert under the Bayshore Freeway and then empties into San Bruno Canal before joining Colma Creek, approximately 0.3 mile downstream from San Bruno Canal.

The proposed project would not result in any direct impacts on Colma Creek or the navigable slough. Nonetheless, the potential exists for the proposed project to indirectly affect water quality. However, as described in Section 3.4.2.1, above, and Section 3.10.1, below, because there would be no direct impacts on jurisdictional waters or wetlands, and because water quality would be protected through compliance with local and State regulations, the proposed project's impact on potentially protected wetlands would be ***less than significant***.

3.4.2.4 Impacts on Wildlife Movement and Native Wildlife Nursery Sites

No wetlands or running waters are present on the project site; therefore, the proposed project would not affect fish movement. All project activities would occur within an already-developed footprint. Any common urban-adapted species that currently move through the project site would continue to be able to do so following construction. Should non-nesting birds be on the project site when disturbance occurs, they could readily vacate the site and relocate to other areas.

Wildlife corridors are described as pathways or habitat linkages that connect discrete areas of natural open space that would otherwise be separated or fragmented by topography, changes in vegetation, or other natural or man-made obstacles, such as those associated with urbanization. The project site does not occur between areas of natural open space; the nearest open space is more than 2,800 feet southeast of the project site. Nonetheless, the project site is within the Pacific Flyway, a bird migratory route, and the likelihood exists for trees on the project site to be used by migratory birds. In addition, the likelihood exists for structures on the project site to be used by birds and bats as nursery sites. Should the proposed project interfere substantially with the movement of wildlife or impede the use of native wildlife nursery sites, a significant impact could occur. In addition, a north–south running strip of fragmented open space belonging to SFO (known as the West of Bayshore Subarea to the Airport Planning Department) is 0.8 mile southeast of the project site.

As described above, impacts on nesting migratory birds and bats would be minimized through implementation of Mitigation Measure BIO-1 from the General Plan EIR, and compliance with existing lighting regulations. Operation of the proposed project would include the use of new lighting and structures with potentially reflective surfaces. The new lighting and the new surfaces on the building could misdirect or confuse migratory birds or bats, resulting in disruption with respect to natural behavioral patterns and possible injury or death from exhaustion or collisions with buildings. The potential for these types of impacts could be heightened because of the proposed project's location within the Pacific Flyway and proximity to San Francisco Bay. Impacts on migratory birds and bats from proposed buildings and increased lighting levels could be significant. However, impacts would be minimized through implementation of Mitigation Measure BIO-1, which would require surveys for special-status species and be enforced through project conditions of approval. In addition, City Zoning Ordinance Section 20.300.008 includes lighting and illumination regulations that minimize artificial sky brightness, glare, and potential disruptions to nocturnal ecosystems. With implementation of Mitigation Measure BIO-1 and compliance with existing lighting regulations, impacts on migratory birds due to operation of the proposed project would be ***less than significant with mitigation***.

3.4.2.5 Conflicts with Local Policies or Ordinances Protecting Biological Resources

City Tree Preservation Ordinance No. 1271-2000, City Municipal Code Chapter 13.30, defines a "protected tree" as:

- Any tree of the following species with a circumference of 75 inches or more when measured 54 inches above natural grade: blue gum (*Eucalyptus globulus*), black Acacia (*Acacia melanoxylon*), Myoporum (*Myoporum laetum*), sweetgum (*Liquidambar styraciflua*), glossy privet (*Lingustrum lucidum*), and Lombardy poplar (*Populus nigra*);
- Any heritage tree of the following species with a circumference of 30 inches or more when measured at 54 inches above natural grade: California bay (*Umbellaria californica*), oak (*Quercus* spp.), cedar (*Cedrus* spp.), California buckeye (*Aesculus californica*), Catalina ironwood (*Lyonothamnus floribundus* var. *asplenifolius*), strawberry tree (*Arbutus* spp.), Mayten (*Maytenus boaria*), and little gem dwarf southern Magnolia (*Magnolia grandiflora*);
- Any tree, other than the species listed above with a circumference of 48 inches or more when measured 54 inches above natural grade;
- A tree, or stand of trees, with a designation based on a finding that it is unique and of importance to the public because of its unusual appearance, location, or historical significance; or
- A stand of trees where each tree is dependent upon the others for survival.

According to the arborist memorandum (Appendix K),[24] no trees are documented on the project site; therefore, no protected trees would be removed. There would be no impact with respect to the City's Tree Preservation Ordinance.

[24] HMH Engineers. 2022. *Terminal 131 Certified Tree Inventory Memorandum*. July 27, 2022.

Since certification of the General Plan EIR, the City adopted a bird-safe design ordinance, City Municipal Code Chapter 20.310.002, in accordance with Action ES-2.2.1 of the General Plan, which calls for the City to develop a bird safe design ordinance to minimize the adverse effects on native and migratory birds and require new development east of U.S. 101 to incorporate design measures. The ordinance includes bird-safe glazing requirements that pertain to the first 60 feet of a building's height for buildings within 300 feet of an Urban Bird Refuge (UBR) as well as buildings with uninterrupted glass segments 24 square feet or larger.

The City has not identified any UBRs within city limits, and the City Municipal Code does not contain any guidelines or criteria for defining a UBR. However, based on guidelines from other nearby jurisdictions, such as the City of San Francisco, a UBR is typically defined as an open space that is 2 acres or larger and dominated by vegetation, vegetated landscaping, forests, meadows, grassland, wetlands, or open water. Using this definition, the navigable slough south of the project site could be considered a UBR. The slough is approximately 3.32 acres, including the channel, bank, and related upland area, from its western boundary southwest of the project site to U.S. 101/Bayshore Freeway southeast of the project site.

The I131N A, I131N B, day-care center, and I131S A buildings, as well as the I131N parking garage, would not be subject to the City bird-safe design ordinance because they would be more than 300 feet from the UBR. The amenity building's south-facing façade would be approximately 300 feet from the UBR but would be mostly obstructed from the UBR by the I131S B and I131S C buildings, in addition to the planned landscaping between I131S B and I131S C buildings and south of the amenity building. Therefore bird-safe design requirements would not be necessary for the amenity building because there would be no direct line of sight between the UBR and this building.

Additional buildings within 300 feet of the UBR include the I131S B and I131S C buildings. The proposed project would incorporate ultra-violet hatched/fritted glazing for up to 60 feet of the height of the I131S B and I131S C buildings. Specifically, glazing would be incorporated on the south- and east-facing façades of the I131S B building and the south-, east-, and west-facing façades of the I131S C building within direct line of sight of the UBR, in accordance with similar bird-safe design requirements from other nearby jurisdictions (see Appendix L, Bird-Safe Design Strategy). Because there would be no direct line of sight between the UBR and the north- and northeast-facing façades of the I131S B building or the north façade of the I131S C building, bird-safe design requirements would not be necessary on these façades.

Because there are no trees on the site and the project would comply with the City-adopted bird-safe design ordinance, the proposed project would not conflict with any local policies or ordinances that protect biological resources, and impacts would be ***less than significant.***

3.4.2.6 Conflict with an Adopted Habitat Conservation Plan or Natural Community Conservation Plan

The project site is not part of, or near, an area covered by an adopted or proposed habitat conservation plan (HCP) or natural community conservation plan (NCCP) or any other local, regional, or State HCP. The nearest area covered by an HCP is San Bruno Mountain, which is approximately 4 miles north of the project site. Therefore, the proposed project would not conflict with the provisions of an adopted HCP, NCCP, or other approved local, regional, or State HCP, and ***no impact*** would occur.

3.4.2.7 Cumulative Impacts

As stated above, the proposed project would result in no impact, a less-than-significant impact, or a less-than-significant impact with mitigation. However, new cumulative impacts could occur when combined with other nearby cumulative development. In particular, the Infinite 101 Project, which would be immediately adjacent to the project site to the east, could result in cumulative changes to biological resources.

The adjacent project would demolish a small vehicle maintenance garage, pay booth, and surface parking and construct approximately 700,000 square feet of life sciences and R&D and amenity space within two six-story buildings. As an R&D use, the Infinite 101 Project would most likely have biological resource impacts similar to those of the proposed project. Similar to the site for the proposed project, the Infinite 101 project site contains development with limited landscaping; therefore, habitat for candidate, sensitive, or special-status species is marginal. In addition, similar to the proposed project, buildings and lighting on the Infinite 101 project site may cause bird strikes. Therefore, as with the proposed project, the Infinite 101 Project could have an impact on nesting special-status and migratory bird species. However, the Infinite 101 Project would also be subject to the requirements of wildlife protection laws, including the California Endangered Species Act, Migratory Bird Treaty Act, and the California Fish and Game Code, as well as wildlife protection policies and provisions and the mitigation measures identified in the General Plan and City Municipal Code. Therefore, the proposed project in combination with other development projects would not result in a significant cumulative impact related to biological resources. Cumulative impacts would be ***less than significant***.

3.4.3 Off-Site Redesignation Parcels

The proposed project would require amendments to the General Plan and Specific Plan and an associated zone change from MIH to BTP-H for the off-site redesignation parcels. The purpose of the off-site redesignation is to ensure that future development is similar to and consistent with the development proposed as part of the project. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The BTP-H land use designation was created to encourage campus-like environments for offices, R&D facilities, and corporate headquarters.

The setting and land cover (i.e., developed with buildings and pavement) at the off-site redesignation parcels are similar to the setting and land cover on the project site, except that there is ornamental vegetation on-site, including trees. Similar to the project site, a waterway is located just south of the off-site redesignation parcels, and Colma Creek is located to the north.

No riparian habitat or other sensitive natural communities, and no federally protected wetlands or other jurisdictional waters, are present within the off-site redesignation parcels; therefore, future development in the off-site redesignation parcels would have no impact. The off-site redesignation parcels are not part of, or near, an area covered by an adopted or proposed HCP or NCCP or any other local, regional, or State HCP. Therefore, future development in the off-site redesignation

parcels would have no impact. No wetlands or running waters are present on the off-site redesignation parcels; therefore, future development in the off-site redesignation parcels would have no impact on fish movement.

If future development in the off-site redesignation parcels would require tree removal, compliance with the City Tree Preservation Ordinance (No. 1271-2000) would be required. In addition, future development on the parcels would also be required to comply with the City's bird-safe design ordinance, City Municipal Code Chapter 20.310.002; therefore, impacts related to local policies or ordinances that protect biological resources would be less than significant.

Similar to the project, future development under the BTP-H zoning designation within the off-site redesignation parcels could affect special-status species, as well as the movement of wildlife, and impede the use of native wildlife nursery sites. Impacts on special-status species would be less than significant through implementation of Mitigation Measure BIO-1 from the General Plan EIR, or other types of similar measures enforced through conditions of approval, and compliance with the California Building Standards Code (Title 24, Building Energy Efficiency Standards). Impacts on wildlife movement and native wildlife nursery sites would also be less than significant through implementation of Mitigation Measure BIO-1 and compliance with existing lighting regulations, as described in City Zoning Ordinance Section 20.300.008. Therefore, through implementation of Mitigation Measure BIO-1 and compliance with the City Tree Preservation Ordinance, the City's bird-safe design ordinance, the California Building Standards Code, and existing lighting regulations (City Zoning Ordinance Section 20.300.008), which would be enforced through project conditions of approval, impacts associated with the off-site redesignation would be less than significant. No further evaluation in an EIR is required.

3.5 Cultural Resources

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
5. CULTURAL RESOURCES: Would the project:					
a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	☒	☐	☐	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	☒	☐	☐	☐	☐
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☐	☐	☒	☐

Under CEQA, human remains are protected under the definition of archaeological materials, which applies to "any evidence of human activity." Public Resources Code Section 5097 has specific stop-work and notification procedures to follow when Native American human remains are inadvertently discovered during excavation and construction. Section 7050.5 of the California Health and Safety Code sets forth provisions related to the treatment of human remains, including the treatment of human remains found in locations other than a dedicated cemetery, and the responsibilities of the coroner. These requirements apply to all construction projects within the city, which includes the

proposed project. Furthermore, the General Plan includes policies and actions to reduce impacts on archaeological resources, including human remains. Policy ES-11.1, Identification of Tribal Cultural Resources, requires the City to identify, preserve, and protect tribal cultural resources, traditional cultural landscapes, sacred sites, places, features, and objects, including historic or prehistoric ruins, burial grounds, cemeteries, and ceremonial sites, in consultation or coordination with the appropriate Native America tribe(s). Policy ES-11.1 further requires appropriate treatment of Native American and other human remains discovered during project construction. Implementation of policies and actions in the General Plan, as well as compliance with adopted State, federal, and local regulations for the protection of archaeological resources and human remains, would ensure that future development under the proposed project would result in a less-than-significant impact on human remains. Therefore, a ***less-than-significant*** impact would occur with respect to checklist question 5(c). This topic will not be addressed in the EIR.

Construction of the proposed project would include demolition of the Golden Gate Produce Terminal, a produce market previously determined eligible for listing in the National Register of Historic Places under Criterion A for its association with the development of the South San Francisco Industrial Park and the produce industry in the San Francisco Bay Area.[25] As such, the produce terminal qualifies as a historical resource under CEQA, as defined in CEQA Section 21084.1 and CEQA Guidelines Section 15064.5(a)(3). Therefore, construction of the project would have the potential to result in a significant impact with respect to checklist question 5(a). Impacts on the Golden Gate Produce Terminal will be evaluated in a focused EIR. In addition, one previously identified archaeological resource, P-41-000051, was identified on the project site. There is the potential for archaeological resources, including P-41-000051, to be encountered during project construction. If archaeological resources are encountered during project-related ground disturbance, a substantial adverse change in the significance of a historical resource could occur from its demolition, destruction, relocation, or alteration, and the significance of the resource could be materially impaired, as defined in CEQA Guidelines Section 15064.5(b)(1). Therefore, construction of the project would have the potential to result in significant impact with respect to checklist question 5(b). Impacts on archaeological resources will be analyzed in the EIR.

[25] AECOM. 2022. *Finding of No Adverse Effect, US 101/Produce Avenue Overcrossing Project, City of South San Francisco, San Mateo County, California.* Prepared for the California Department of Transportation. May 13; California Department of Transportation. 2023. *Final Environmental Impact Report/Environmental Assessment with Finding of No Significant Impact.* Prepared for the US Highway 101/Produce Avenue Interchange Project. February; National Park Service. 1995. *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation.*

3.6 Energy

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
6. ENERGY: Would the project:					
a) Result in potentially significant environment impact due to the wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?	☐	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☒	☐

3.6.1 Setting

Electricity

Grid electricity and natural gas service in South San Francisco are provided by Pacific Gas and Electric Company (PG&E). PG&E is a publicly traded utility company that, under contract with the California Public Utilities Commission, generates, purchases, and distributes energy. PG&E's service territory covers 70,000 square miles, roughly extending north to south from Eureka to Bakersfield and east to west from the Sierra Nevada to the Pacific Ocean. PG&E's electricity distribution system consists of 106,681 circuit miles of electric distribution lines and 18,466 circuit miles of interconnected transmission lines.[26]

PG&E electricity is generated from a combination of sources, such as coal-fired power plants, nuclear plants, and hydroelectric dams, along with newer sources such as wind turbines and photovoltaic plants, or "solar farms." "The grid," or bulk electric grid, is a network of high-voltage transmission lines that link power plants to the PG&E system. The distribution system, comprising lower-voltage secondary lines, is at the street and neighborhood level. It consists of overhead or underground distribution lines, transformers, and individual service "drops" that connect to individual customers. The existing electrical system in the project area consists of overhead and underground facilities.

In addition to its base plan, PG&E has two options, known as Solar Choice and Regional Renewable Choice options, that give customers the option of purchasing power from solar or other renewable resources. One Solar Choice option provides up to 50 percent of a customer's energy from solar resources; the other option provides up to 100 percent of a customer's energy from solar resources. The Regional Renewable Choice option allows customers to purchase renewable energy from a specific project within PG&E's service area for anywhere from 25 to 100 percent of their energy use.[27] In addition, in 2016, South San Francisco joined Peninsula Clean Energy (PCE) to receive additional renewable power. PCE's power comes from a mix of various sources, including solar, wind,

[26] Pacific Gas and Electric Company. 2023. *Company Profile.* Available: https://www.pge.com/en_US/about-pge/company-information/profile/profile.page. Accessed: November 5, 2023.

[27] Pacific Gas and Electric Company. 2023. *Which Renewable Option Is Best for You?* Available: https://www.pge.com/en_US/small-medium-business/energy-alternatives/private-solar/solar-choice-rates/solar-choice-plans-for-businesses.page. Accessed: November 6, 2023.

geothermal, biomass and biowaste, and hydroelectric generation resources. PCE delivers power to its customers from existing PG&E utility infrastructure. PCE allows customers to choose between two different electricity options, ECOplus, with 50 percent of a customer's electricity from renewable resources and 100 percent clean energy resources, and ECO100, with 100 percent from renewable and carbon-free resources.[28] In 2022, San Mateo County consumed a total of 4,177 million kilowatts of electricity. In the county, electricity was consumed primarily by the non-residential sector (62 percent), followed by the residential sector (38 percent).[29]

Natural Gas

PG&E's natural gas (i.e., methane) delivery system includes 42,000 miles of natural gas distribution pipelines and 6,700 miles of transmission pipelines.[30] The system is operated under an inspection and monitoring program in real time on a 24-hour basis, with leak inspections, surveys, and patrols continuously taking place along the pipelines. Gas delivered by PG&E originates in gas fields in California, the Southwest, the Rocky Mountains, and Canada.[31] Transmission pipelines send natural gas from the fields and storage facilities; these large pipes are under high pressure. The smaller distribution pipelines deliver gas to individual businesses or residences.

In San Mateo County, a total of 204 million therms of natural gas were consumed in 2022 (the most recent year for which data are available). In 2022, natural gas in the county was consumed primarily by the residential sector (56 percent), followed by the non-residential sector (44 percent).[32]

Project Site

As stated previously, PG&E provides natural gas and electricity to South San Francisco, including the project site, through its right-of-way for electric and natural gas lines. The project site is served by both natural gas and electric infrastructure provided by PG&E.

3.6.2 Discussion

3.6.2.1 Result in the Wasteful, Inefficient, or Unnecessary Consumption of Energy Resources

Construction

Construction activities associated with the proposed project would result in temporary use and consumption of energy resources on the project site. Construction energy would include the electricity used to power electric construction equipment and deliver water to the construction site,

[28] Peninsula Clean Energy. 2023. *Energy Choices.* Available: https://www.peninsulacleanenergy.com/energy-choices/. Accessed: November 6, 2023.

[29] California Energy Commission. n.d. *Electricity Consumption by County—San Mateo County*. Available: https://ecdms.energy.ca.gov/elecbycounty.aspx. Accessed: November 5, 2023.

[30] Pacific Gas & Electric. 2023. *Learn About the PG&E Natural Gas System*. Available: https://www.pge.com/en_US/safety/how-the-system-works/natural-gas-system-overview/natural-gas-system-overview.page. Accessed: November 5, 2023.

[31] Pacific Gas & Electric. 2023. *Discover Core Gas Supply*. Available: https://www.pge.com/en_US/for-our-business-partners/energy-supply/core-gas-supply/core-gas-supply.page?ctx=business. Accessed: November 5, 2023.

[32] California Energy Commission. n.d. *Gas Consumption By County—San Mateo County*. Available: http://ecdms.energy.ca.gov/gasbycounty.aspx. Accessed: November 5, 2023.

along with the gasoline and diesel fuel used to transport workers and drive haul trucks to and from construction sites or operate off-road equipment. It is estimated that construction of the proposed project would use approximately 14,352 megawatt hours of electricity, 294,367 gallons of gasoline, and 461,884 gallons of diesel fuel over the entire construction period. No natural gas would be used during project construction. Construction energy consumption would cease once construction of the proposed project is complete; therefore, such consumption is considered short term. In addition, in accordance with Chapter 15.60 of the City Municipal Code, 100 percent of all inert solids (i.e., building materials) and 65 percent of non-inert solids (i.e., all other materials) would be recycled as required by the City during project construction and demolition, which would result in energy reductions. Construction would not result in the wasteful, inefficient, or unnecessary consumption of energy resources. The impact would be ***less than significant.***

Operation

Energy would also be required to heat and cool the proposed buildings, provide indoor and outdoor lighting, and move water/wastewater. The proposed project would consume energy during normal day-to-day operations associated with the proposed R&D uses, including the use of personal and mass transit vehicles by employees and visitors/guests when traveling to and from the project site, which would require energy in the form of gasoline, diesel, and/or electricity. It is estimated that operation of the proposed buildings would use approximately 58,870,875 kilowatt hours of electricity and 661,508 gallons of diesel fuel per year. Vehicle trips during project operations would require approximately 1,266,966 gallons of gasoline, 141,281 gallons of diesel, 7,214 gallons of natural gas, and 13,862 gallons of fuel for plug-in hybrids.

As described in Chapter 2, *Project Description*, the proposed project would incorporate sustainability features to reduce energy consumption, water consumption, and waste generation. The proposed project would achieve, at a minimum, a Leadership in Energy and Environmental Design (LEED), version 4.1, Building Design and Construction (BD+C) Core and Shell Gold rating as well as WELL v2 Core Gold certification.[33] Proposed sustainability measures would include an all-electric building design; the use of on-site renewable energy from rooftop photovoltaic (PV) panels, which would generate approximately 1,766,130 kilowatt hours of electricity per year; a high-performance building envelope and heating, ventilation, and air-conditioning (HVAC) system; ultra-efficient WaterSense-labeled flush and flow fixtures; low-water-demand native and/or adapted vegetation with efficient irrigation systems; on-site recycling and composting facilities; and electric-vehicle charging infrastructure. In addition, the proposed project would implement transportation demand management (TDM) measures to reduce the number of trips generated to and from the project site (see Appendix I), which would reduce the consumption of energy resources such as vehicle fuel. As such, the use of energy resources during project operation would not be considered wasteful, inefficient, or unnecessary.

Because of the proposed project's size and location within an urban setting, build-out of the proposed project would not significantly increase energy demand within the service territory and would not require new energy facilities. The proposed project would be required by law to adhere to California Code of Regulations Title 24, the California Green Building Standards Code (CALGreen),

[33] The WELL building standards are performance-based building standards for measuring and monitoring features within the built environment that may affect human health through air, water, light, and other concepts. The standards provide ways for buildings to be designed to improve human comfort and enhance health and wellness within the built environment.

as well as adopted City energy conservation ordinances and regulations. Furthermore, the proposed project would be required to implement relevant policies from the City's Climate Action Plan, which are geared toward reducing operational greenhouse gas (GHG) emissions. This would indirectly reduce energy consumption (see the discussion in Section 3.8, *Greenhouse Gas Emissions*). Accordingly, with implementation of adopted State and City energy conservation measures, the proposed project would result in a ***less-than-significant*** impact with respect to the wasteful, inefficient, or unnecessary consumption of energy resources.

3.6.2.2 Conflict with or Obstruct a State or Local Plan for Renewable Energy or Energy Efficiency

As discussed above, the proposed project would encourage implementation of sustainability and transportation features and be required to comply with State and local renewable energy and energy efficiency plans. Therefore, the proposed project would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency, and the impact would be ***less than significant***.

3.6.2.3 Cumulative Impacts

Continued growth throughout PG&E's service area could contribute to ongoing increases in demand for electricity and natural gas. These anticipated increases would be countered, in part, as State and local requirements related to renewable energy become more stringent and energy efficiency increases. Therefore, it is anticipated that future energy users will become more efficient and less wasteful over time. In addition, similar to the proposed project, cumulative development projects would most likely include sustainability and transportation features that would reduce energy consumption and increase renewable energy generation. Furthermore, with adherence to the General Plan and Climate Action Plan policies and actions, the City Municipal Code and Zoning Ordinance, and standards of each applicable jurisdiction within the PG&E service area, as well as State, regional, and local policies to reduce energy consumption and increase energy efficiency, cumulative impacts would be less than significant. Therefore, the proposed project, in combination with development from cumulative projects, would not result in a significant cumulative impact related to energy. Cumulative impacts would be ***less than significant***.

3.6.3 Off-Site Redesignation Parcels

The proposed project would require amendments to the General Plan and Specific Plan and an associated zone change from MIH to BTP-H for the off-site redesignation parcels. The purpose of the off-site redesignation is to ensure that future development is similar to and consistent with the development proposed as part of the project. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The BTP-H land use designation was created to encourage campus-like environments for offices, R&D facilities, and corporate headquarters.

Similar to the proposed project, future development under the BTP-H designation could include life sciences and R&D office space, which would most likely have energy impacts similar to those of the project. Similar to the proposed project, future development at the off-site redesignation parcels would most likely include features that would reduce energy consumption and increase renewable energy generation and be required to comply with all adopted State and local renewable energy and energy efficiency regulations and plans. Future development at the off-site redesignation parcels would not result in a significant impact related to energy. Therefore, energy impacts associated with the off-site redesignation parcels would be ***less than significant.*** No further evaluation in an EIR is required.

3.7 Geology and Soils

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
7. GEOLOGY AND SOILS: Would the project:					
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:					
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42	☐	☐	☐	☒	☐
ii. Strong seismic ground shaking?	☐	☐	☐	☒	☐
iii. Seismically related ground failure, including liquefaction?	☐	☐	☐	☒	☐
iv. Landslides?	☐	☐	☐	☒	☐
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable as a result of the project and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	☐	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☐	☒	☐
e) Have soils that would be incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?	☐	☐	☐	☒	☐

3.7.1 Setting

The project site is located in the Coast Ranges Geomorphic Province, a portion of coastal California characterized by northwest-trending mountain ridges and a valley running parallel to the San Andreas Fault Zone. Typically, bedrock within the province consists of Tertiary marine sedimentary deposits and volcanic rock. Bedrock beneath the project site ranges from at least 100 feet below ground surface (bgs) at the northern edge of the project site to at least 250 bgs at the southern edge where contact with the Colma Formation has been mapped. The site is underlain by Quaternary surficial deposits of artificial fill over a tidal flat.[34] The presence of

[34] Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 3.

liquefiable soils is generally higher in the eastern part of the city. The California Geological Survey has mapped the site as within a Seismic Hazard Zone with potential for liquefaction.[35] Although not located within an Earthquake Fault Zone, the project site is located in a seismically active region of California. Active faults, including the San Andreas, San Gregorio, and Hayward-Rodgers faults, are located within 3 miles of the site.

3.7.2 Discussion

A preliminary geotechnical report was prepared for the proposed project by Haley & Aldrich to analyze potential project impacts. The following discussion is based on the *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, which is included as Appendix M.

3.7.2.1 Rupture of a Known Earthquake Fault

The major active faults closest to the project site are the San Andreas, San Gregorio, and Hayward-Rodgers faults, the latter being the closest, at less than 3 miles from the project site. The proposed project is not located within an Earthquake Fault Zone, and no known active or potentially active faults exist on the site.[36] Therefore, the risk of surface faulting and secondary ground failure is low. In addition, the proposed project would adhere to local codes, General Plan policies, and Specific Plan polices regarding earthquakes. Therefore, this impact is considered ***less than significant***.

3.7.2.2 Strong Seismic Ground Shaking

The 2014 Working Group on California Earthquake Probabilities at the USGS, in coordination with the California Geological Survey and Southern California Earthquake Center, predicted a 72 percent chance of a magnitude 6.7 or greater earthquake occurring in the San Francisco Bay Area in 30 years (i.e., before 2044). The project site is located in a seismically active region of the state. The area has been designated as Zone VIII, which corresponds to "very strong" ground shaking.[37] Therefore, the project site could experience very strong seismic shaking during a major earthquake.[38]

The proposed project would be required to comply with California Building Code requirements and City Municipal Code requirements, including design specifications for building foundations and structures that would enable them to withstand strong seismic ground shaking. With adherence to the California Building Code and City Municipal Code requirements, project-related impacts would be ***less than significant***.

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35 Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 5.

36 Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 3.

37 First Carbon Solutions. 2022. *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments and Climate Action Plan, City of South San Francisco, San Mateo County, California*. State Clearinghouse Number 2021020064. Exhibit 3.6-2, Ground Shaking.

38 Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 4.

3.7.2.3 Seismically Related Ground Failure, Including Liquefaction

Liquefaction

The potential for liquefaction is generally higher in the eastern part of the city. The project site would be located within a Liquefaction Zone,[39] and the potential for on-site liquefaction to occur across the site, within the upper 50 feet bgs, is considered moderate to high. This is due to the presence of silty sand and sandy silt, which were identified between approximately 18 and 80 feet bgs, especially from 18 to 30 feet bgs where the medium-dense to dense silty sand resides.[40] The preliminary geotechnical investigation recommended supporting the proposed project on deep foundations (e.g., Tubex and auger-cast piles), extending to at least 45 to 60 feet bgs. Compliance with the recommendations in the preliminary geotechnical investigation would be enforced as a condition of approval for the proposed project. Furthermore, the proposed project would implement Action CR-4.41 of the General Plan, which requires future projects to prepare site-specific geotechnical reports and implement their recommendations. Compliance with geotechnical report recommendations, as well as City Municipal Code policies, would reduce impacts related to liquefaction to a ***less-than-significant*** level.

Lateral Spreading

Lateral spreading occurs when extensive ground cracking and settlement move toward a free face such as a slope or creek channel. It is commonly associated with liquefiable soils. Areas at risk of lateral spreading in South San Francisco are primarily those along streams and waterfronts.[41]

The proposed project would be located near a free face (San Bruno Canal) at the southern edge of the project site. The preliminary geotechnical investigation estimated that lateral spreading could be in the range of 30 to 130 inches and recommended that detailed analysis be presented during the design-level phase of the proposed project.[42] Per the City Zoning Ordinance, this analysis would be reviewed and approved by the City engineer, and the proposed project would comply with any necessary recommendations. Therefore, through compliance with the recommendations of the design-level geotechnical investigation, which would be a condition of approval and implement Action CR-4.41 of the General Plan, as well as the City Zoning Ordinance, impacts related to lateral spreading would be ***less than significant***.

3.7.2.4 Landslides

Landslides occur when the stability of a slope changes from a stable to an unstable condition. The stability of a slope is affected by the following factors: inclination, material type, moisture content, orientation of layering, and vegetative cover. In general, steeper slopes are less stable than more gently inclined ones.

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[39] First Carbon Solutions. 2022. *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments and Climate Action Plan, City of South San Francisco, San Mateo County, California*. State Clearinghouse Number 2021020064. Exhibit 3.6-5, Liquefaction Potential.

[40] Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 5.

[41] First Carbon Solutions. 2022. *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments and Climate Action Plan, City of South San Francisco, San Mateo County, California*. State Clearinghouse Number 2021020064. p. 3.6-22.

[42] Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 7.

The Project Site is located in an area designated as having moderate incidence of landslide susceptibility.[43] However, the topography of the project site is relatively flat,[44] and the preliminary geotechnical investigation did not identify landslides as a geotechnical issue that would affect design and construction. Therefore, through adherence to applicable City Municipal Code and City Zoning Ordinance sections, as well as General Plan policies and actions, impacts related to landslide risks would be ***less than significant***.

3.7.2.5 Result in Substantial Soil Erosion or Loss of Topsoil

Projects that expose surface soils create the potential for erosion from wind and stormwater runoff. The potential for erosion increases if a project is located on a steep or windy site or if construction occurs during the rainy season.

The proposed project would disturb more than 1 acre of soil on the 17.67-acre site and therefore must comply with the National Pollutant Discharge Elimination System (NPDES) Construction General Permit (Construction General Permit), which would require preparation of a Stormwater Pollution Prevention Plan (SWPPP). The SWPPP would include BMPs to control erosion and sediments during construction. In addition, the proposed project would abide by Chapter 15.08 of the City Municipal Code, which includes drainage and erosion control requirements, and Section 14.04.132, which requires measures that call for minimizing land disturbance and impervious surfaces.[45] Therefore, through adherence to permit requirements and City Municipal Code sections, impacts related to erosion and a loss of topsoil would be ***less than significant***.

3.7.2.6 Result in On- or Off-site Landslide, Lateral Spreading, Subsidence, Liquefaction, or Collapse

The potential for on-site liquefaction at the project site is considered moderate to high.[46] The proposed project's preliminary geotechnical investigation determined that the potential for cyclic densification at the project site is low.[47] In addition, the preliminary geotechnical investigation determined that the site is underlain by soft Young Bay Mud, which is highly compressible. New fill and a building pad could result in up to 5.5 inches of settlement.[48]

Recommendations for deep foundations, as well as Tubex piles and auger-cast piles, are provided in the preliminary geotechnical investigation to minimize impacts related to settlement, along with landslides, lateral spreading, and liquefaction. In addition, site-specific soil and geologic reports,

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43 First Carbon Solutions. 2022. *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments and Climate Action Plan, City of South San Francisco, San Mateo County, California*. State Clearinghouse Number 2021020064. Exhibit 3.6-2, Landslide Potential.

44 Haley & Aldrich, Inc. 2022. *ASTM Phase I Environmental Site Assessment, 131 Terminal Court, South San Francisco*. April 2022.

45 First Carbon Solutions. 2022. *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments and Climate Action Plan, City of South San Francisco, San Mateo County, California*. State Clearinghouse Number 2021020064. p. 3.6-23.

46 Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 5.

47 Haley & Aldrich, Inc. 2022. P *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 7.

48 Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 9.

which would be reviewed by the City engineer, would be required by California Building Code and City Municipal Code sections for projects in areas that are susceptible to instability. Preparation of the design-specific geotechnical report would be a condition of approval for the proposed project, and implementation of its recommendations would be required by Action CR-4.41 of the General Plan. Therefore, through adherence to permit requirements and City Municipal Code sections, as well as the recommendations provided in the preliminary geotechnical investigation impacts related to locating the proposed project on an unstable geologic unit or soil would be ***less than significant***.

3.7.2.7 Expansive Soil

Projects in areas with expansive soils may require special building foundations or grade preparation, such as the removal of problematic soils and replacement with engineered soils. Expansive soils are generally located in the central portion of the city, not in the eastern portion, which is primarily artificial fill.

The proposed project's preliminary geotechnical investigation determined that near-surface native soils consisted of clayey gravel, silty sand, lean clay, and clayey sand with or without gravel, all of which have very low to low expansive potential.[49] Because expansivity would be low and the proposed project would adhere to City Municipal Code, City Zoning Ordinance, and California Building Code rules and regulations, impacts related to expansive soils would be ***less than significant***.

3.7.2.8 Soils that Would Be Incapable of Adequately Supporting the Use of Septic Tanks or Alternative Wastewater Disposal Systems

The proposed project would connect to the City's sanitary sewer system. Proposed sewer system improvements would include a new 18-inch sanitary sewer main through the southwest corner of the project site that would connect to a 21-inch main on Shaw Road to support the proposed project. Proposed on-site sewer pipes would be between 4 and 18 inches in diameter and connect to the upsized sewer main beneath the navigable slough. No septic tanks or alternative wastewater disposal systems would be necessary. Therefore, the proposed project would result in ***no impact*** related to soils that would be incapable of supporting septic tanks or alternative wastewater disposal systems.

3.7.2.9 Paleontological Resources or Unique Geological Features

The Merced Formation and the Colma Formation, which underlie portions of the city, are known to be potentially fossiliferous. The preliminary geotechnical investigation prepared for the proposed project by Haley & Aldrich determined that the project site is underlain by the Colma Formation, between 45 and 65 feet bgs.[50] The preliminary geotechnical investigation recommended extending deep foundations and piles into the Colma Formation. The proposed project would be subject to a project condition of approval that implements General Plan EIR Mitigation Measure GEO-6.

[49] Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 7.

[50] Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California*, p. 12.

In accordance with Mitigation Measure GEO-6 from the General Plan EIR, the project would be required to perform or provide paleontological monitoring for all proposed excavations in the Colma Formation and Merced Formation. Should significant paleontological resources (e.g., bones, teeth, well-preserved plant elements) be unearthed, project activities shall be diverted at least 15 feet from the discovered paleontological resources until a professional vertebrate paleontologist has assessed such discovered resources. With implementation of this measure, which would be enforced through project conditions of approval, impacts related to paleontological resources would be ***less than significant with mitigation***.

3.7.2.10 Cumulative Impacts

In general, a project's potential impacts related to geology and soils are individual and localized, depending on the project site and underlying soils. Each structure will have different levels of excavation, cut-and-fill work, and grading, which would affect local geologic conditions in different ways. Therefore, the geographic context for geology and soils is site specific.

The cumulative projects would be required to go through environmental and regulatory review and comply with the California Building Code. Each project would also be required to have a site-specific geotechnical investigation performed, which would provide design recommendations to reduce each project's impacts. Similar seismic safety standards and conditions of approval would apply to the reasonably foreseeable future projects. For these reasons, the proposed project in combination with other past, present, and reasonably foreseeable future projects would not result in a significant cumulative geology and soils impact. The cumulative impact would be ***less than significant***. No mitigation is required.

3.7.3 Off-Site Redesignation Parcels

The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan, and City Zoning Code. However, they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The proposed project does not include the construction of any new uses on the off-site redesignation parcels.

Although the off-site redesignation parcels are not located within an Earthquake Fault Zone, major active faults are close to the project site, including the San Andreas, San Gregorio, and Hayward-Rodgers faults, the latter being within 3 miles of the parcels. The parcels are located in an area designated as Zone VIII, which corresponds to "very strong" ground shaking; therefore, future development on the parcels would be subject to very strong ground shaking during a seismic event. The parcels are also located within a Liquefaction Zone, and the potential exists for on-site liquefaction to affect future development on the parcels. The potential for lateral spreading exists at the five off-site redesignation parcels because free faces, such as Colma Creek, are located nearby. Landslide susceptibility is expected to be low at the parcels and would most likely not affect future development. Impacts related to erosion, the placement of structures on unstable soils or geologic

units, or paleontological resources would be analyzed within the context of a specific geological report and environmental review prepared for any future project. Such issues are not known at this time. However, policies and requirements included in the General Plan Update, City Municipal Code, and City Zoning Ordinance, as well as the California Building Code, would apply to any future development on the five off-site redesignation parcels, which could minimize impacts related to geology and soils. Therefore, impacts related to geology and soils associated with the off-site redesignation would be **less than significant.** No further evaluation in an EIR is required.

3.8 Greenhouse Gas Emissions

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
8. GREENHOUSE GAS EMISSIONS: Would the project:					
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☒	☐	☐	☐	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☒	☐	☐	☐	☐

Construction vehicles and equipment used during project construction would generate GHGs, including carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). During operation, project-generated vehicle trips and emergency generator testing would also generate GHG emissions from the combustion of fossil fuels. In addition, the use of electricity, landscaping equipment, and water on the site and the generation of solid waste and wastewater would also generate GHG emissions during operations. Furthermore, the generation of GHG emissions could result in a conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions. Therefore, construction and operation of the project would have the potential to result in significant impacts with respect to checklist questions 3.8(a) and 3.8(b). These topics will be analyzed in the EIR.

3.9 Hazards and Hazardous Materials

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
9. HAZARDS AND HAZARDOUS MATERIALS: Would the project:					
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☐	☒	☐
c) Emit hazardous emissions or involve handling hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?	☐	☐	☐	☐	☒
d) Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, create a significant hazard to the public or the environment?	☐	☐	☐	☒	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒	☐
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	☐	☐	☐	☐	☒

3.9.1 Setting

Site-specific Phase I and Phase II Environmental Site Assessments (ESAs) were conducted for the project site in April and May 2022 by Haley & Aldrich; the ESAs are included in Appendix N.[51] The following sections summarize each report's findings.

[51] Haley Aldrich, Inc. 2022. *ASTM Phase I Environmental Site Assessment, 131 Terminal Court, South San Francisco, California.* Final. 0204962-001. Walnut Creek, CA. Prepared for US Terminal Court Owner, LLC Greenwood Village, Colorado; Haley Aldrich. 2022. *Phase II Environmental Investigation Results, 131 Terminal Court, South San Francisco, California.* Final. 0204962-000. Walnut Creek, CA. Prepared for US Terminal Court Owner, LLC Greenwood Village, Colorado.

3.9.1.1 Phase I ESA

The objective of the Phase I ESA was to assess whether recognized environmental conditions (RECs), historical RECs (HRECs), and controlled RECs (CRECs) were identified and associated with the project site. No RECs or HRECs were noted; however, one CREC was identified. The CREC was associated with a former fueling facility that had been located in the northern portion of the property. When in operation, the former commercial fueling facility consisted of two dispenser islands and three underground storage tanks, or USTs (one 6,000-gallon diesel tanks and two 10,000-gallon gasoline tanks). In 2014, San Mateo County Environmental Health (SMCEH) issued a case closure letter for the site; however, hydrocarbon-affected soil and groundwater were allowed to remain on-site. The affected media was in the vicinity of the former fueling facility and allowed to remain under the Low-Threat UST Case Closure Policy.[52] The Phase I ESA noted that future redevelopment, a change in land use, or the removal of soil and/or groundwater from the site would require notification of SMCEH. In addition, one "potential environmental concern" was identified in connection with the site. According to the Phase I ESA, an easement for an active, non-highly volatile liquid (HVL) pipeline is located along the east side of the site. No documented releases were identified associated with this feature, however, the Phase I ESA determined that there is potential for future releases.

3.9.1.2 Phase II ESA

The Phase II ESA investigation consisted of advancing five borings at specific locations within the site and collecting soil and/or groundwater samples. The assessment's intent was to determine whether the soils to be encountered during future construction activities would require special on-site handling and off-site disposal, whether groundwater generated from construction dewatering would require special treatment prior to discharge or disposal, and whether the remaining soil and groundwater concentrations would pose a vapor intrusion risk. The Phase II ESA findings were the following related to soil and groundwater:

Soil

- Total petroleum hydrocarbons-diesel range organics (TPH-DROs) and TPH-gasoline range organics (TPH-GROs) were detected at concentrations greater than laboratory reporting limits but below their respective commercial/industrial environmental screening levels, or ESLs (in two soil borings, noted in the report as HA-12 and HA-13).
- Select volatile organic compounds (VOCs) were detected at concentrations greater than laboratory reporting limits but below commercial/industrial ESLs. These constituents were detected in shallow soil samples collected from boring location HA-12.
- Arsenic was detected at concentrations exceeding the commercial/industrial ESL of 0.31 milligrams per kilogram (mg/kg). However, all but three of the detected concentrations were below the background arsenic concentration accepted by the Regional Water Quality Control Board (RWQCB) for San Francisco Bay Area soil.

[52] The policy applies to petroleum UST sites subject to Chapter 6.7 of the Health and Safety Code. The policy establishes both general and media-specific criteria. If both the general and applicable media-specific criteria are satisfied, then the leaking UST case is generally considered to present a low threat to human health, safety, and the environment and considered appropriate for closure pursuant to Health and Safety Code Section 25296.10.

- Total chromium was detected in all six soil samples at concentrations ranging from 40 to 110 mg/kg.
- Lead was detected in five of the six soil samples at concentrations ranging from 4.5 to 300 mg/kg. Soil generated in the vicinity of HA-17 would very likely be characterized as California hazardous waste if excavated for off-site disposal.
- Zinc was detected in all six soil samples at concentrations ranging from 28 to 2,900 mg/kg. However, soil would very likely be characterized as non-hazardous waste if excavated for off-site disposal.
- Additional metals detected at concentrations greater than laboratory reporting limits and below their respective commercial/industrial ESLs included antimony, barium, beryllium, cobalt, copper, mercury, nickel, selenium, and vanadium.

Groundwater

TPH-DRO and TPH-GRO were detected in one boring (HA-12) at concentrations of 2,300 micrograms per liter (µg/L) and 16,000 µg/L, respectively. No commercial/industrial ESL exists for these constituents. In addition, select VOCs were detected in groundwater samples collected from boring location HA-12 at concentrations greater than laboratory reporting limits but below commercial/industrial vapor intrusion ESLs.

Asbestos, Lead, and PCB Sampling and Analysis

In addition to the Phase I and Phase II ESAs, asbestos, lead, and polychlorinated biphenyl (PCB) sampling and analysis were conducted in April 2022 by Sol Environmental.[53] At the time of the sampling, the site consisted of an entry gate/guard shack, a site administrative building, a stand-alone island, concrete dock, a storage/maintenance building, and two separate terminals (denoted as A and B in the report). Samples were collected and tested for asbestos, PCBs, and lead from accessible areas, including the interiors, exteriors, and roofs. Asbestos was identified in Terminals A and B and the administrative building. In addition, lead-based paint was identified in Terminals A and B. All PCB samples resulted in concentrations below regulated and reportable levels.

3.9.2 Discussion

3.9.2.1 Routine Hazardous Materials Use

Construction

Project construction would involve the routine transport, use, and disposal of hazardous materials such as solvents, paints, oils, grease, and caulking. Such transport, use, and disposal must comply with applicable requirements and regulations, such as the regulations set forth by the City, EPA, the Occupational Safety and Health Administration (OSHA), U.S. Department of Transportation (DOT), Department of Toxic Substances Control (DTSC), California Department of Transportation (Caltrans), California Highway Patrol (CHP), local Certified Unified Program Agency (CUPA), and Bay

[53] Sol Environmental. 2022. *Executive Summary Letter Report, Evaluation – Asbestos, Lead, and PCBs, Sampling and Analysis, 131 Terminal Court, South San Francisco, CA.* Final. 22-428. Walnut Creek, CA. Prepared for US Terminal Court Owner, LLC.

Area Air Quality Management District (BAAQMD). Although solvents, paints, oils, grease, and caulking would be transported, used, and disposed of during the construction phase, these materials, which would be handled on a temporary basis, are typically used in construction projects and would not represent the routine transport, use, and disposal of acutely hazardous materials. Any spills or releases involving these materials would be expected to be small, localized, and cleaned up as they occur. Therefore, project construction would not create a significant hazard for the public or the environment through the routine transport, use, or disposal of hazardous materials during construction, and this impact would be ***less than significant***.

Operation

Because of the nature of R&D uses, the possibility exists for hazards related to the handling of hazardous materials. Any R&D tenant who handles hazardous materials would be required to adhere to all applicable federal, State, and local regulations for qualifying hazardous materials, seek consultation with SMCEH, and apply for applicable permits for any regulated substances that may pose a threat to public health and safety or the environment because of their highly toxic, flammable, or explosive nature. Tenants must comply with the safety procedures mandated by applicable federal, State, and local laws and regulations (e.g., Resource Conservation and Recovery Act, California Hazardous Waste Control Law, principles prescribed by the U.S. Department of Health Services) to ensure that risks resulting from the routine use of hazardous materials and disposal of hazardous wastes remain less than significant. In addition, registration of the hazardous materials through the SMCEH Hazardous Material Business Plan Program would be required to ensure safe and responsible handling of those qualifying materials. In addition, the City requires building spaces to be designed to handle intended office and R&D uses through the use of sprinklers, alarms, vents, and secondary containment structures, in accordance with the guidelines set forth in the City's Fire Code (City Municipal Code Section 15.24010, which adopts the California Fire Code by reference, along with additional local amendments). Compliance with State and local regulations would ensure that buildings would be equipped with safety devices, including sprinklers and alarms, to minimize potential impacts from the presence of hazardous materials. Prior to issuance of a certificate of occupancy for completed structures, the City would require a final inspection from the South San Francisco Fire Department (SSFFD) to ensure that all building systems were in conformance with the City Fire Code and National Fire Protection Association requirements.

The proposed project would also involve operation of a day-care center with an outdoor play area. The day-care center would be located in a building that would be separate from the proposed R&D uses. Hazardous materials used during operation of the day-care center would consist of common maintenance materials, including cleansers, solvents, and paints. These materials would be handled and stored in small quantities, and releases would most likely be small and cleaned up soon after they occur.

Landscape maintenance on the project site would require the use of a wide variety of commercial products that are formulated with hazardous materials (e.g., fuels, cleaners and degreasers, solvents, paints, lubricants, adhesives, sealers, pesticides/herbicides). Such materials are considered common and are unlikely to be stored or used in large quantities. Any spills involving these materials would be small and localized and cleaned up as they occur. Finally, compliance with Caltrans regulations would ensure that all necessary safety precautions would be taken during the transport of hazardous materials during all phases of the proposed project.

Mandatory compliance with all applicable federal, State, and local regulations pertaining to the routine use, storage, transport, and disposal of hazardous materials would ensure that the proposed project would not create a significant hazard for the public or the environment during operation, and this impact would be ***less than significant***.

3.9.2.2 Upset and Accident Conditions Involving Hazardous Materials

As previously discussed, site-specific Phase I and Phase II ESAs were conducted for the project site. According to the Phase II ESA, soil conditions are not expected to affect future redevelopment, and the soils are not likely to be characterized as hazardous waste, with a limited exception in the vicinity of boring HA-17. Also, the Phase II ESA noted that arsenic concentrations are above background concentrations. Furthermore, groundwater sampling results indicated a potential vapor intrusion risk in the vicinity of boring HA-12, located in the area of the former fueling station. Analytical results did not indicate that historical releases were affecting the soil or groundwater related to an on-site pipeline. Based on these findings, the Phase II ESA included the following recommendations, which would be incorporated as part of the proposed project prior to and during construction activities:

- If future occupiable structures are proposed in the vicinity of soil boring HA-12,[54] additional subsurface soil vapor and groundwater characterization and potential vapor intrusion mitigation measures could be required. As shown in Figure 2-4, the lobby to the I131N A building would be in the area of HA-12 and subject to mitigation requirements.
- Dewatering activities would be required to comply with the applicable publicly owned treatment works and NPDES permit requirements and include treatment measures, given the affected groundwater conditions identified in the vicinity of boring HA-12. Groundwater impacts appear to be limited to the area around boring HA-12 and were not considered a risk with respect to off-site migration.
- A Site Management Plan (SMP) and Health and Safety Plan (HASP), to outline soil handling procedures, should be implemented during construction. According to the Phase II ESA, if excavation and/or grading activities are to be performed in the vicinity of soil boring HA-17, further site-specific health and safety measures would be required.
- Sampling of soil generated and stockpiled for off-site disposal may be required for future waste profiling.
- SMCEH must be notified during any proposed change in land use or removal of soil and groundwater within or near the former USTs located at the northern end of the site.

Asbestos, lead, and PCB sampling and analysis were conducted on-site in April 2022. Asbestos was identified in Terminals A and B and the administrative building. Lead-based paint was identified in Terminals A and B. Based on these findings, the asbestos, lead, and PCB sampling and analysis included the following recommendations, which would be incorporated as part of the proposed project prior to demolition activities:

[54] Soil boring HA-12 was advanced to 5 feet below ground surface in the northernmost extent of the site, at the approximate location (and/or downgradient) of former USTs.

Asbestos and Lead

- Because of the size of and complexity of the facility, a complete walkthrough of all areas should be conducted by parties/subcontractors bidding on demolition/renovation services to properly identify all materials and associated quantities.
- Preparation and implementation of asbestos and lead management plans to address the asbestos and lead materials identified by the inspection process.
- Removal and abatement efforts shall be performed in accordance with a site-specific specification for work to address asbestos and lead.
- Post-abatement inspection and air clearance sampling shall be performed to measure the efficacy of the abatement and decontamination effort.

Asbestos

- The removal and disposal of asbestos-containing materials (ACMs [greater than 1 percent asbestos]) shall be performed in accordance with the California Division of Occupational Safety and Health, known as Cal/OSHA, 8 California Code of Regulations (CCR) 1529, Asbestos in Construction Standard. Waste disposal and notification requirements shall be performed in accordance with the National Emissions Standards for Hazardous Air Pollutants (NESHAP), Toxic Substances. Control Act (TSCA), and BAAQMD regulations.
- All personnel who may disturb and/or remove ACMs must be notified of the presence of the asbestos and must don appropriate personal protective disposable suits; must be trained in accordance with 8 CCR 1529, Asbestos in Construction; and must utilize respirators with high-efficiency particulate air (HEPA) filters and other personal protective equipment (PPE).
- The removal and/or disturbance, disposal, and transport of ACM is regulated by and should adhere to applicable regulations of the EPA, BAAQMD, Cal/OSHA, OSHA, and DTSC.
- The removal and disposal of ACMs shall be performed by a Contractors State License Board– (CSLB-) licensed and Division of Occupational Safety and Health– (DOSH-) registered abatement contractor.
- The removal of more than 100 square feet of regulated ACM (RACM)/friable asbestos material requires BAAQMD notification. The disturbance of any amount of material requires a 24-hour Cal/OSHA notification. Both agencies should be notified as needed.

With implementation of the Phase II ESA recommendations as well as the asbestos, lead, and PCB sampling and analysis recommendations, which would be enforced through existing legal requirements, uniformly applied development policies and standards, and/or project conditions of approval, potential impacts associated with upset and accident conditions involving the release of hazardous materials would be ***less than significant***.

3.9.2.3 Exposure to Schools

The proposed project would provide a day-care center. There are no schools within 0.25 mile of the project site. The closest school is the All-Souls Catholic School at 479 Miller Avenue in South San Francisco, approximately 0.77 mile northwest of the project site. ***No impact*** associated with hazardous emissions within 0.25 mile of an existing school would occur.

3.9.2.4 Cortese List Sites

According to the Phase I ESA, a CREC was identified, associated with a former fueling facility in the northern portion of the site. The former fueling facility was also identified by the Phase I ESA as a Cortese List site. As mentioned, SMCEH issued a case closure letter for the site in 2014; however, hydrocarbon-affected soil and groundwater were allowed to remain on-site. It was noted in the Phase I ESA that proposed future redevelopment, a change in land use, or the removal of soil and/or groundwater from the site would require notification of SMCEH. As noted under Section 3.9.2.2, *Upset and Accident Conditions Involving Hazardous Materials,* soil in the vicinity of boring HA-17 and groundwater/soil vapor in the vicinity of boring HA-12 has the potential to expose construction personnel and the surrounding environment to contaminated media. However, with implementation of the Phase II ESA recommendations summarized in Section 3.9.2.2, *Upset and Accident Conditions Involving Hazardous Materials,* potential impacts associated with exposure to contaminated media from a site on the Cortese List would be ***less than significant***.

3.9.2.5 Airport Hazards

The SFO Airport Land Use Compatibility Plan (ALUCP) requires all residential development within Area A, which is the entirety of San Mateo County, to provide real estate disclosures. Within Area B, the City/County Association of Governments (C/CAG) is responsible for reviewing proposed land use policy actions, including new general plans, specific plans, zoning ordinances, plan amendments, rezoning proposals, and land development proposals. As such, development could expose people residing or working in the area to a safety hazard or excessive noise because of proximity to SFO.

The project site is within Airport Influence Area B of the SFO ALUCP and required to comply with policies and actions concerning interior noise levels and maximum building heights, as included in the General Plan, Specific Plan, and City Municipal Code and Zoning Ordinance. In addition, because the proposed project is within Area B, consultation with the C/CAG and FAA would be required prior to project construction. This includes determining the need to file form 7460-I, Notice of Proposed Construction or Alteration, with the FAA, which is for any project that would exceed FAA notification heights, as shown on ALUCP Exhibit IV-10, and complying with the FAA aeronautical study findings. With the 7460-I filing, the FAA then undertakes an aeronautical study for the project and issues a "determination of no hazard" or a "determination of hazard." A determination of hazard is made when a project would cause an obstruction to air navigation, resulting in a substantial aeronautical impact. The project would, therefore, require a consistency determination with the ALUCP to comply with FAA regulations regarding height. The project applicant would be required to receive a determination of no hazard to air navigation as a condition of approval for a building permit for the proposed project. Therefore, impacts would be ***less than significant***.

3.9.2.6 Impairment of Emergency Response or Emergency Evacuation Plans

The proposed project would not include any permanent changes to existing public roadways that provide emergency access to the project site or surrounding area. During construction, it is possible that construction activity could affect emergency response or evacuation plans due to temporary construction barricades or other roadway obstructions that could impede emergency access on-site. However, compliance with City requirements regarding circulation and access during construction would minimize potential impacts associated with emergency response times.

Vehicle trips generated by the proposed project would represent a small percentage of overall daily and peak-hour traffic on roadways and freeways surrounding the project site; the increase in project-generated vehicle trips would not introduce or exacerbate conflicts for emergency vehicles traveling near the project site. The proposed project would not include features that would alter emergency vehicle access routes or roadway facilities, and emergency services vehicles would continue to have access to all facilities throughout the city. In addition, dedicated access to the project site for emergency vehicles would be provided via Terminal Court and the Shaw Road connection and would allow emergency vehicle access to all buildings through the proposed roadway network within the project site. Moreover, the project site would include 20- to 26-foot-wide fire lanes around the perimeter of the site, providing access to each building, as well as the I131N parking garage. Furthermore, R&D tenants who handle hazardous materials would be required to adhere to all applicable regulations, including a Hazardous Materials Release Response Plan coordinated with SMCEH and SSFFD. Adherence to the aforementioned regulations and plans would ensure that any response and evacuation in the event of an emergency would not be impaired. As such, the proposed project would not impair implementation of or interfere with an adopted emergency response plan or emergency evacuation plan. Impacts would be ***less than significant.***

3.9.2.7 Wildland Fires

The project site is in a densely developed portion of South San Francisco; it is not in a Fire Hazard Severity Zone (FHSZ) in a State Responsibility Area (SRA) or a Very High Fire Hazard Severity Zone (VHFHSZ) in a local, State, or federal responsibility area. Moreover, the area surrounding the project site generally lacks the features that normally elevate wildland fire risks (e.g., dry vegetation, steep hills). Because the project site is in a densely developed area of the city and not within or near an FHSZ or VHFHSZ (and away from wildlands), and because the proposed project would comply with all policies and regulation in the General Plan related to wildfire, this impact would be ***less than significant***.

3.9.2.8 Cumulative Impacts

The cumulative geographic context for hazards and hazardous materials consists of the project site and nearby properties in the immediate vicinity. In general, only projects occurring in the immediate vicinity to the project are considered because of the limited potential impact area associated with a release of hazardous materials into the environment. Reasonably foreseeable projects in the project's surroundings could result in construction impacts related to the routine transport, disposal, or handling of hazardous materials; intermittent use and transport of petroleum-based lubricants, solvents, and fuels; and transport of affected soil to and from sites. However, hazardous waste generated during construction of any project would be collected, properly characterized for disposal, and transported in compliance with all applicable regulations. In addition, affected sites under development would undergo remediation with oversight from applicable State and local agencies, effectively reducing the amount of contaminants found in the cumulative project area.

Hazardous materials are strictly regulated by local, State, and federal laws. Specifically, these laws are designed to ensure that hazardous materials do not result in a gradual increase in toxins in the environment. For each of the reasonably foreseeable projects under consideration, various project-specific measures, such as those identified for the proposed project, would be

implemented as a condition of development approval to mitigate risks associated with exposure to hazardous materials. For these reasons, the project in combination with other past, present, and reasonably foreseeable future projects would not result in a significant cumulative hazard or hazardous materials impact. Therefore, the project's contribution to cumulative impacts ***would not be significant.***

3.9.3 Off-Site Redesignation Parcels

The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan, and City Zoning Code. However, they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The proposed project would not include the construction of any new uses on the off-site redesignation parcels.

No construction, or media disturbance, would occur as a result of redesignation, and thus, no potential impacts related to hazards and hazardous materials would occur. An environmental review would occur prior to future redevelopment, and environmental conditions would be addressed as they are identified. Hazardous waste generated during construction would be properly characterized and transported in compliance with all applicable regulations. Affected sites with the potential to affect future projects within these parcels would undergo remediation with oversight from applicable State and local agencies. Because the off-site redesignation parcels are adjacent to the project analyzed above, similar considerations would be made with respect to the location of sensitive receptors, such as schools, and airports; emergency response and wildfire hazards would also be considered. Impacts would be ***less than significant***.

3.10 Hydrology and Water Quality

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
10. HYDROLOGY AND WATER QUALITY Would the project:					
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☐	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would:	☐	☐	☐	☒	☐
i. Result in a substantial erosion or siltation on- or off-site;	☐	☐	☐	☒	☐
ii. Substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site;	☐	☐	☐	☒	☐
iii. Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☐	☒	☐
iv. Impede or redirect floodflows?	☐	☐	☐	☒	☐
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒	☐
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	☒	☐

3.10.1 Setting

The project site is within the Colma Creek watershed and the larger San Francisco Bay watershed.[55,56] The San Francisco Bay watershed includes areas surrounding San Francisco Bay, which drain into San Francisco Bay. The State Water Quality Control Board (SWRCB) and the RWQCB monitor water quality in the Bay Area. These agencies oversee implementation of NPDES stormwater discharge permits. The SWRCB has implemented a NPDES Construction General Permit for the State of California (Order 2022-0057-DWQ). Dischargers whose projects disturb 1 or more

[55] Givler, R.W., J.M. Sowers, and P. Vorster. 2006. *Creek & Watershed Map of Daly City and Vicinity*. Oakland Museum of California, Oakland, CA, 1:25,800 scale.

[56] Esri. 2023. *Watershed Boundary Dataset HUC 10s*. Available: https://icf-eandp.maps.arcgis.com/home/webmap/viewer.html?useExisting=1. Accessed: October 12, 2023.

acres of soil are required to obtain coverage under the Construction General Permit. Furthermore, the Construction General Permit requires a SWPPP to be prepared prior to commencement of construction.

A navigable slough[57] that drains into San Bruno Canal is south of the project site. Colma Creek is approximately 0.27 mile north of the project site and north of the off-site redesignation parcels. Several sections of Colma Creek are restrained by concrete flood control walls and raised above street level. Both Colma Creek and San Bruno Canal flow to Lower San Francisco Bay, which is approximately 1 mile east of the project site. There are no surface waters at the project site. Colma Creek is impaired for trash. Lower San Francisco Bay is impaired for chlordane; dichlorodiphenyltrichloroethane (DDT); dieldrin; dioxin compounds; furan compounds; invasive species; mercury; PCBs, including dioxin-like PCBs; and trash.[58]

The City participates in the San Mateo Countywide Pollution Prevention Program (SMCWPPP) and is required to implement low-impact development (LID) BMPs under NPDES Permit No. CAS612008, Order No. Order R2-2022-0018, adopted May 11, 2022. This NPDES permit is also known as the Municipal Regional Permit (MRP). Provision C.3 of the MRP is directly applicable to the project. This provision allows permittees to include appropriate source-control, site-design, and stormwater treatment measures in new development as well as redevelopment projects to address both soluble and insoluble stormwater runoff pollutant discharges and prevent increases in runoff flows from both new development and redevelopment projects. This goal is to be accomplished primarily through implementation of LID techniques. LID practices include source-control BMPs, site-design BMPs, and stormwater treatment BMPs on-site or at a joint stormwater treatment facility.

Storm drainage infrastructure on the project site consists of multiple discharge points. The site is split into three major sections and one minor section, each with a discharge point into the slough south of the site. The sections are separated by the two existing buildings on the project site. East of the project site, water is conveyed through 12-inch reinforced concrete pipes (RCPs) and discharged directly into the slough through a 15-inch RCP. Runoff is received predominantly in the central section, which collects stormwater from north of the buildings and the area between the buildings. Storm drainage infrastructure in the central section increases from 15- to 18-inch diameters as the system nears the outfall and discharges directly into the slough. Stormwater west of the project site sheet flows to catch basins and discharges directly into the slough through a 12-inch RCP. A small area in the northwest corner of the site collects stormwater through three catch basins and conveys runoff through 12-inch RCPs in the northeast direction, then discharges directly into the slough. The existing 18-inch outfall pipes are planned to be upgraded to 42-inch RCPs.[59]

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[57] The navigable slough is a remnant tidal channel that cuts through a commercial district in the city of South San Francisco. The slough is connected to San Francisco Bay. (ESA. 2019. *Navigable Slough Flood Management Study, Prepared for County of San Mateo, City of South San Francisco, and City of San Bruno*. Available: https://oneshoreline.org/wp-content/uploads/2020/06/Navigable-Slough-Flood-Management-Study.pdf. Accessed: April 12, 2023).

[58] California State Water Resources Control Board. 2022. *California 2020–2022 Integrated Report*. EPA approved May 11, 2022. Available: https://gispublic.waterboards.ca.gov/portal/apps/webappviewer/index.html?id=6cca2a3a18154655992012663 73cbb7b. Accessed: October 13, 2023.

[59] Ware, Malcomb. 2023. *Stormwater Drainage Description T131.*

The project site is within the Westside Groundwater Basin, which is designated as a Very Low Priority Area, per the Sustainable Groundwater Management Act.[60] The South Westside Basin Groundwater Management Plan established a goal for the area that would ensure a sustainable, high-quality, reliable water supply at a fair price through local groundwater management for beneficial uses.[61] The City is part of the South Westside Basin Groundwater Management Plan, which is a voluntary groundwater management plan. Groundwater is expected to be encountered as shallow as approximately 1 foot bgs.[62] Actual groundwater levels fluctuate seasonally with variations in rainfall, temperature, and other factors.

The navigable slough experiences daily tidal exchanges. High tidal levels may result in water overtopping the banks.[63] Portions of the project site are within a Federal Emergency Management Agency (FEMA) 100-year flood zone, Zone AE, which has a base flood elevation of 10 feet, as shown in Figure 3.10-1. However, other portions of the project site are outside of the 100-year flood zone and within FEMA Zone X (shaded), which are areas subject to inundation by a moderate flood event (i.e., 0.2 percent annual chance).[64]

3.10.2 Discussion

3.10.2.1 Water Quality

Construction of the project would involve ground-disturbing activities, such as demolition and excavation. Construction activities have the potential to result in runoff that contains sediment and other pollutants, which could degrade water quality if not properly controlled. Sources of pollution associated with construction include chemical substances from construction materials as well as hazardous or toxic materials, such as fuels. As described in Section 3.9, the project would be subject to State and federal hazardous material laws and regulations, which would minimize the risk of affecting the quality of surface water and groundwater. More than 1 acre of soil would be affected by the project; therefore, the project would be subject to the Construction General Permit. Furthermore, the project would be required to comply with the MRP. Erosion control measures are required in the Construction General Permit and the MRP. These requirements include preparation and implementation of a SWPPP that contains BMPs. The purpose of the SWPPP is to identify potential sources of sediment and other pollutants and specify BMPs to ensure that potential adverse erosion, siltation, and contamination impacts do not occur during construction activities. Implementation of a SWPPP with BMPs would control erosion and protect water from potential contaminants in stormwater runoff from the construction site. BMPs may include damp street sweeping; appropriate covers, drains, and storage precautions for outdoor material storage areas; temporary cover for disturbed surfaces; and sediment basins or traps, earthen dikes or berms, silt fences, check dams, soil blankets or mats, covers for stock piles, or other BMPs to trap sediments. Such BMPs would help to protect surface water and groundwater quality. Construction impacts would be ***less than significant***.

[60] California Department of Water Resources. 2020. *SGMA Basin Prioritization Dashboard*. Available: https://gis.water.ca.gov/app/bp-dashboard/final/. Accessed: October 12, 2023.

[61] WRIME. 2012. *South Westside Basin Groundwater Management Plan*. July.

[62] Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco,* California. File No. 0204962-001. May.

[63] Schaff & Wheeler. 2022. *Terminal 131 Sea-Level Rise Design Considerations Memorandum*. November 21.

[64] Federal Emergency Management Agency. 2019. *FEMA's National Flood Hazard Layer (NFHL) Viewer, FIRM Panel 06081C0043F*. Available: https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd Accessed: October 13, 2023.

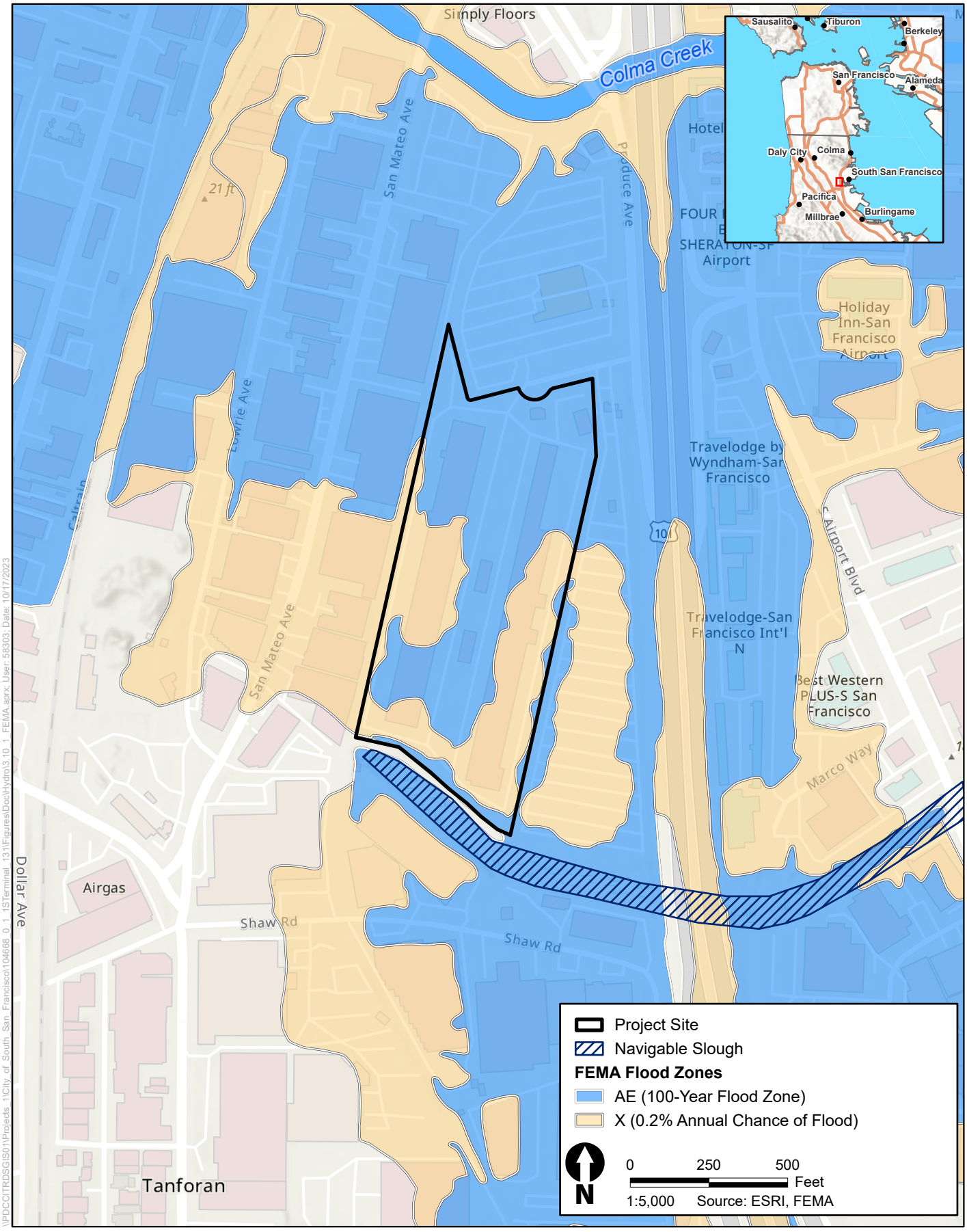

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Figure 3.10-1
FEMA Flood Zones

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Pollutants in stormwater runoff from urban development, such as the project, have the potential to violate water quality standards if the types and amounts are not adequately reduced. Stormwater runoff from the types of urban uses that would be facilitated by project approval is regulated under the MRP. Project design plans include the installation of bioretention ponds and Silva Cell units to provide LID treatment on the project site. The storm drain would use LID areas as well as oversized underground pipes to treat, help store water, and control flows prior to discharge to the adjacent slough. The applicant would be required to submit the SMCWPPP checklist to the City to show compliance with NPDES regional permit requirements. BMPs included in site designs and plans for the project would be reviewed by the City's engineering staff to ensure appropriateness and adequate design capacity prior to permit issuance. The San Francisco Bay RWQCB has incorporated requirements in the MRP to protect water quality and approved the SMCWPPP, which is in compliance with the NPDES Municipal Stormwater Permit. The City's review and permitting process would ensure that the permit's waste discharge requirements would not be violated by the project. For these reasons, the project would not violate water quality standards or waste discharge requirements during operation, including standards and requirements regarding surface water and groundwater quality. Operational impacts would be ***less than significant***.

3.10.2.2 Groundwater Supply and Recharge

Construction could require dewatering of groundwater due to the shallow groundwater table. Groundwater is expected to be encountered as shallow as approximately 1 foot bgs.[65] The proposed project would excavate from approximately 3 to 7 feet bgs. In the event that groundwater is encountered during construction, dewatering would be conducted on a one-time, temporary basis during the construction phase. It would not result in a significant impact on groundwater recharge or depletion of groundwater supplies. Construction-related dewatering activities, including handling/discharging water, monitoring, and reporting, would comply with the Construction General Permit and RWQCB dewatering requirements. Accordingly, impacts on groundwater supplies and groundwater recharge during project construction would be ***less than significant.***

The proposed project would increase the pervious surface area by approximately 18 percent. The increase in pervious surface area would increase infiltration and recharge of the underlying aquifer. It would also reduce the amount of precipitation running into storm sewers or nearby surface waters. In addition, native and/or adapted vegetation and other landscape features, including trees, would provide opportunities for improved groundwater infiltration. Landscaped spaces would allow for an increase in groundwater recharge. New vegetation zones would slow water, allowing water to percolate into the ground, thereby providing increased benefits related to groundwater recharge. Furthermore, the proposed project would not substantially interfere with groundwater recharge because it would not increase groundwater demand or decrease the size of groundwater recharge areas. In addition, operation of the proposed project would not utilize groundwater supplies. Therefore, the project would not substantially deplete groundwater supplies or impede sustainable groundwater management of the basin. The project's impact would be ***less than significant***.

[65] Haley & Aldrich, Inc. 2022. *Preliminary Geotechnical Engineering Recommendations, 131 Terminal Court, South San Francisco, California.* File No. 0204962-001. May.

3.10.2.3 Drainage and Flooding

Project-related earth-disturbing activities such as grading and stockpiling could result in short-term water quality impacts associated with soil erosion and subsequent sediment transport. Sediment transport to local drainage facilities could result in reduced stormflow capacity and localized ponding or flooding during storm events. During construction, stormwater drainage patterns could be temporarily altered. However, the proposed project would implement BMPs, as required in the project SWPPP, to minimize the potential for erosion or siltation in nearby storm drains and temporary changes in drainage patterns during construction. During construction, erosion control measures would be implemented, as required by the SWPPP. Construction BMPs, such as sediment basins and traps, filter berms, and diversion berms, would capture and infiltrate small amounts of sheet flow such that off-site runoff from the construction site would not increase, ensuring that drainage patterns would not be significantly altered. Erosion and stormwater control measures, such as silt fences, staked straw wattles, or geofabric, as required by the Construction General Permit, would also limit site runoff during construction and would not alter stormwater drainage patterns. BMPs would be implemented to control construction site runoff and minimize the amount of water from entering a disturbed area as well as reduce the discharge of pollution to the storm drain system. In addition, construction equipment would be placed appropriately around the site to minimize impeding or redirecting floodflows. Therefore, construction of the proposed project would not substantially alter the existing drainage pattern of the area in a manner that would result in substantial erosion or siltation or increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site. Therefore, project construction would not result in an exceedance of drainage system capacities, and the associated impact would be ***less than significant.***

For the majority of the project site, storm drain lines would outfall into the adjacent slough. Oversized underground pipes would treat and control flows prior to discharge to the slough. On the lower portions of the site, smaller areas would drain to the City's municipal separate storm sewer system within Terminal Court. On-site storm drain improvements would include the installation of bioretention ponds, flow-through planters, and Silva Cell units to provide LID treatment on the project site and convey water to storage pipes. Water would be released at the designed flow rate. The proposed stormwater pipes would be between 6 and 12 inches in diameter. New connections would connect to an existing 12-inch storm drain main in Terminal Court. The site would be segmented into nine drainage management areas (DMAs) to collect, treat, store, and discharge stormwater runoff. Storage pipes would connect to existing outfalls and ultimately discharge to the slough. Implementation of the project would alter existing drainage patterns on the site with the construction of new buildings; however, stormwater flows would ultimately flow to existing stormwater drains. In addition, the proposed project would increase the amount of pervious surface. Landscaped areas would include a mix of native (i.e., minimum of 80 percent) and adapted vegetation with a low water demand. Upon project buildout, 659 trees would be provided within the courtyard areas, at the surface parking lot, and along the roadways. Landscaped and vegetated areas would provide stormwater treatment and manage stormwater runoff. Overall, the amount of stormwater that would be discharged with implementation of the project would decrease compared to existing conditions. The project would include stormwater treatment controls, in compliance with the requirements of Provision C.3 of the MRP.

The City owns and maintains the storm drainage infrastructure within public rights-of-way. These facilities discharge to San Mateo County flood control facilities. To comply with FEMA requirements and combat future sea-level rise and flooding, the site would be raised to at least 13 feet; structures

would be designed with first-floor elevations of 14 feet. Fill would be placed to raise existing grades and allow structures to meet the natural grade; as a result, structures would be outside of the floodplain. A flood-proofing certificate would be submitted to the City. The site would file for a Letter of Map Revision-Based on Fill (LOMR-F) and would not be required to pay flood insurance.[66] Through compliance with State and local regulations, as well as implementation of BMPs, the project would not contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems, provide additional sources of polluted runoff, or impede or redirect floodflows. Therefore, impacts would be ***less than significant***.

3.10.2.4 Pollutant Release Due to Project Inundation

The project site is not subject to flooding from tsunami or seiche. The project site is not within a tsunami inundation zone.[67] Conditions with the project would be similar to existing conditions and would not increase the potential for site inundation. Seiche can occur in an enclosed or partially enclosed body of water, such as a lake or reservoir. There are no large bodies of fresh water, such as reservoirs or lakes, in the project vicinity. Although San Francisco Bay is a large and open body of water, there is no immediate risk of seiche. Large waves, both sea and swell, generated in the Pacific Ocean undergo considerable refraction and diffraction upon passing through the Golden Gate, resulting in greatly reduced heights by the time they reach the project site. Therefore, there is no risk of seiche that would affect the project site. Portions of the project site are located within a FEMA 100-year flood zone.[68] However, to reduce the risk of a pollutant release associated with a flood hazard, the project would comply with the requirements of local water quality programs and associated municipal stormwater NPDES permits as well as municipal separate storm sewer system and MRP permits to manage flood risks and water quality. Conformance with these requirements would ensure that any risk of a release of pollutants due to inundation associated with a flood hazard, tsunami, or seiche zone would be minimized. Furthermore, water quality control and drainage features, such as bioretention basins and Silva Cell units, would reduce pollutant releases and control flows. Oversized underground pipes would treat and control flows prior to discharge to the adjacent slough. The project site would not release pollutants due to inundation associated with a flood hazard, tsunami, or seiche. The impact would be ***less than significant***.

3.10.2.5 Conflict or Obstruct a Water Resource Management Plan

Project construction and operation would comply with local, State, and federal regulations, including the NPDES Construction General Permit, Basin Plan, MRP, and City and San Mateo County Municipal Codes. Commonly practiced BMPs such as silt fences, staked straw bales/wattles, silt/sediment basins and traps, check dams, geofabric, and/or sandbag dikes, as required by these regulations, would be implemented to control construction site runoff and reduce the discharge of pollutants to storm drain systems from stormwater and other nonpoint-source runoff. As part of compliance with permit requirements, such as SWPPP requirements, implementation of water quality control measures and BMPs would ensure that water quality

[66] Schaff & Wheeler. 2022. *Terminal 131 Sea-Level Rise Design Considerations Memorandum*. November 21.

[67] California Department of Conservation. 2022. *Tsunami Hazard Area Map, San Mateo County*. Produced by the California Geological Survey and the California Governor's Office of Emergency Services. Mapped at multiple scales.

[68] Federal Emergency Management Agency. 2019. *FEMA's National Flood Hazard Layer (NFHL) Viewer, FIRM Panel 06081C0043F*. Available: https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd Accessed: October 13, 2023.

standards would be achieved, including the water quality objectives that protect designated beneficial uses of surface and groundwater, as defined in the Basin Plan. Construction runoff would also have to be in compliance with the appropriate water quality objectives for the region. The NPDES Construction General Permit requires stormwater discharges to not contain pollutants that cause or contribute to an exceedance of any applicable water quality objectives or water quality standards, including designated beneficial uses. Therefore, the project would not obstruct implementation of a water quality control plan.

Groundwater dewatering is anticipated during project construction. However, dewatering would be conducted on a temporary basis during the construction phase and would not result in a significant impact on groundwater recharge or result in depletion of groundwater supplies. Groundwater would not be used during construction activities. Compared to existing conditions, there would be no change in the volume of groundwater use. Landscaping and pervious areas throughout the project site would allow groundwater recharge. Therefore, the project would not obstruct implementation of a sustainable groundwater management plan. In addition, the project would comply with City General Plan policies, which require the protection of groundwater resources, as required by a sustainable groundwater management plan. Therefore, construction and operation of the project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. This impact would be ***less than significant***.

3.10.2.6 Cumulative Impacts

As evaluated above, no new significant impacts have been identified for the project. Therefore, when combined with the cumulative development evaluated in the General Plan EIR and Specific Plan Addendum, no new cumulative impacts would occur. However, new cumulative impacts could occur when combined with cumulative development not evaluated in the General Plan EIR or the Specific Plan Addendum. Future development projects would be required to go through environmental and regulatory review and comply with the City's LID measures, Construction General Plan, and SWPPP requirements and have a site-specific investigation performed, which would provide design recommendations to reduce the project-related impacts. In addition, future projects would also be required to comply with General Plan policies and actions, City Municipal Code and Zoning Ordinance requirements, as well as State and regional regulations governing water quality. For these reasons, the proposed project in combination with future cumulative projects would not result in a significant cumulative hydrology and water quality impact. Therefore, cumulative impacts would be ***less than significant***.

3.10.3 Off-Site Redesignation Parcels

The proposed project would require amendments to the General Plan and Specific Plan and an associated zone change from MIH to BTP-H for the off-site redesignation parcels. The purpose of the off-site redesignation is to ensure that future development is similar to and consistent with the development proposed as part of the project. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing,

distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The BTP-H land use designation was created to encourage campus-like environments for offices, R&D facilities, and corporate headquarters.

The project proposes to redesignate five adjacent off-site parcels from MIH to BTP-H to bring them into conformance with the proposed zoning on the project site. The off-site redesignation parcels are within the Colma Creek watershed and the larger San Francisco Bay watershed as well as the Westside Groundwater Basin. As discussed in the General Plan EIR, future development (including redevelopment of existing developed sites) that disturbs 1 acre or more of soil must obtain permit coverage under the Construction General Permit. A SWPPP, as required by the Construction General Permit, must describe site erosion and sediment controls, maintenance responsibilities, and non-stormwater management controls. The General Plan Update and City Municipal Code also include policies and regulations to protect water quality and groundwater resources. Therefore, rezoning to BTP-H would not have the potential to result in future development that would violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality. BTP-H uses would incorporate LID measures to treat stormwater, consistent with other future development uses in the area. Future uses developed within the BTP-H zone would also maximize infiltration and rainwater retention and minimize impacts on groundwater recharge, as required by the General Plan Update, City Municipal Code, and City Zoning Ordinance. Off-site redesignation parcels would also comply with mandatory NPDES permit requirements related to managing stormwater flows and discharges. Similar to the project site, portions of the off-site redesignation parcels are located within a FEMA 100-year flood zone. Future uses developed within the BTP-H zone would be subject to City engineer approval of all drainage plans, ensuring that the rate or amount of surface runoff would not result in flooding and that stormwater drainage systems would not be exceeded. Therefore, hydrology and water quality impacts associated with the off-site redesignation parcels would be ***less than significant.*** No further evaluation in an EIR is required.

3.11 Land Use and Planning

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
11. LAND USE AND PLANNING Would the project:					
a) Physically divide an established community?	☐	☐	☐	☒	☐
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒	☐

3.11.1 Setting

The city of South San Francisco is organized as several geographic areas, referred to as *planning sub-areas*, including the Lindenville Planning Sub-Area, as identified in the General Plan adopted in October 2022. The project site and the off-site redesignation parcels are located in the Lindenville Planning Sub-Area, an approximately 400-acre area in the central southern portion of the city between U.S. 101 and

South Spruce Avenue, adjacent to the Downtown Sub-Area. The Lindenville Planning Sub-Area comprises largely industrial, business, food processing, manufacturing, and warehousing uses. The General Plan's Planning Sub-Areas Element does not impose density or height standards separate from those found in the General Plan's Land Use Element. According to the General Plan, the Lindenville Planning Sub-Area aims to preserve business and industrial uses while strengthening its economic base, which includes a large number of small businesses and a high share of area jobs, by retaining a large portion of its land area for service, transportation, and industrial uses.

The Lindenville Specific Plan, adopted in September 2023, establishes the planning framework for the Lindenville Planning Sub-Area. Under the Specific Plan, both the project site and off-site redesignation parcels are designated as MIH, which allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. Figure 2-2 illustrates the existing land use designations for the project site, the off-site redesignation parcels, and the surrounding area under the Lindenville Specific Plan.

The project site and off-site redesignation parcels are designated in the City Zoning Code as MIH. As established in the City Zoning Code, the maximum building height allowed under the existing MIH zoning designation is 65 feet. The base maximum permitted floor area ratio (FAR) under the MIH zoning designation is 0.4, but increases may be permitted, up to a total FAR of 2.0, for all permitted uses. However, R&D facilities under this zoning designation may have a maximum allowed FAR of 0.5, provided they follow the requirements of the City Community Benefits Program, as outlined in Chapter 20.395 of the City Municipal Code. In addition, as required under the MIH designation, truck docks, loading areas, and service areas must be located at the rear or interior side of buildings and must be screened so that they are not visible from surrounding public streets, including highways. Figure 2-3 illustrates the existing zoning designations for the project site, the off-site redesignation parcels, and the surrounding area.

Surrounding land uses include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot are north of the project site, a large surface parking lot and Bayshore Freeway are adjacent to the eastern portion of the project site, a navigable slough that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. In addition, the project site is approximately 1 mile west of San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. The southern part of the project site also includes a portion of the shoreline band jurisdiction of the BCDC adjacent to the navigable slough. The project site is also approximately 1 mile northwest of SFO.

3.11.2 Discussion

3.11.2.1 Divide an Established Community

The project site comprises one parcel at 131 Terminal Court in South San Francisco (refer to Figure 2-1) and is zoned MIH under the City General Plan and Zoning Code. Surrounding land uses include industrial and commercial uses and open space (described above); there are no residential land uses around the proejct site. The project would replace the existing Golden Gate Produce Terminal, which consists of two warehouse buildings, a smaller administrative building, open-air structures, and surface parking, with new R&D uses, amenity space, and multi-story parking. Therefore, the project would not change the nature of the land uses or physically divide an established community. The impact would be ***less than significant***.

3.11.2.2 Conflict with a Land Use Plan, Policy, or Regulation Adopted for the Purpose of Avoiding or Mitigating an Environmental Effect

As described above, the project site is currently designated as MIH under the General Plan, Lindenville Specific Plan, and City Zoning Code. The project proposes a General Plan, Specific Plan, and City Zoning Code amendment to redesignate the site as BTP-H. The BTP-H land use designation allows for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan describes the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The BTP-H land use designation was created to encourage campus-like environments for offices, R&D facilities, and corporate headquarters.

As established in the City Zoning Code, under the BTP-H zoning designation, the maximum surface area covered by structures (i.e., lot coverage) is limited to 60 percent, with a minimum of 15 percent of the site made up of landscaping. The base maximum permitted FAR under the BTP-H zoning designation is 0.5, but increases may be permitted, up to a total FAR of 2.0, for uses such as R&D facilities or development meeting specific TDM, off-site improvement, or design standards. In addition, the zoning ordinance provides specific exceptions to FAR limitations for projects under a Community Benefits Program (see City Municipal Code Chapter 20.395).

As currently written, City Zoning Code Section 20.040.009.A.4*., Excluded from Floor Area in Calculating FAR*, states that active ground-floor uses in a new mixed-use or nonresidential development east of 101 and in the T4C, T4M, and T5C zoning districts can be excluded from FAR calculations, provided that the nonresidential uses are active and open to the general public. Excluded uses from FAR calculations in these zoning districts include, but are not limited to, childcare facilities, personal services, retail establishments, full-service or limited restaurants, and similar active uses. The proposed project would amend City Zoning Code Section 20.040.009.A.4 to add BTP-H zoning districts within the Lindenville Planning Sub-area to the covered zoning districts so that the proposed day-care center would be excluded from FAR calculations. With this amendment, the proposed project would be within the allowable FAR for the BTP-H zoning designation. The proposed project would construct approximately 1.7 million square feet of new R&D and amenity space across seven buildings, resulting in a project FAR of 2.0, consistent with the requirements of the BTP-H zoning designation but with specific exceptions.

The project is located within the Lindenville Planning Sub-Area as well as SFO Land Use Compatibility Plan Zone 3. The Lindenville Planning Sub-Area aims to preserve small businesses and industrial uses while strengthening its economic base by retaining a large portion of its land area for service, transportation, and industrial uses. To support development and use in this area, the General Plan includes goals and policies that encourage redevelopment and infrastructure improvements in the Lindenville Planning Sub-Area. Relevant goals and policies from the Specific Plan for the proposed project include the those listed below.

Goal LU-3: The City supports businesses through City programs and the retention of a core area of light industrial and service uses that provide jobs for South San Francisco residents.

Policy LU-3.3: Minimize Land Use Compatibility Conflicts. Minimize land use compatibility conflicts that discourage attraction and retention of production, distribution, and service and repair businesses in areas zoned for industrial use.

Policy LU-3.4: Buffer Residential Neighborhoods from Industrial Uses. Buffer heavy and light industrial uses, such as general services, light manufacturing, and storage uses, from residential neighborhoods.

Policy LU-3.6: Encourage Lot Assembly. Encourage lot assembly to allow businesses to grow and expand in Lindenville.

Policy LU-5.2: Golden Gate Produce Terminal and Park 'N Fly Sites. Encourage parcel assemblage of the Park 'N Fly site (160 Produce Avenue) and the Golden Gate Produce Terminal site (131 Terminal Court) and encourage developers to create a master plan and appropriate environmental analysis for office and R&D uses on the site.

Policy LU-6.2: Open Space Benefits. Require nonresidential developers to provide accessible open space in exchange for additional building height allowance.

Goal DD-3: New developments in Lindenville provide healthy places for people to live and work by mitigating potential noise, air quality, and odor impacts from industrial land uses, U.S. 101 and Interstate 380, and aircraft.

Policy DD-3.1: Land Use Compatibility. Require screening, air filtration, and sound abatement to reduce visual and sensory impacts from nearby generators of noise, odor, and sound.

Policy DD-3.2: Open Space Access. Provide ample opportunity for residents to live active lifestyles by requiring dedications of new public park and open spaces and private common spaces.

Policy DD-3.4: Ecological Design. Design new development to support a healthy and biodiverse environment through landscape and planting designs, reductions in impervious coverage, green roofs, and other site and building design strategies. Support design strategies at grade, on the podium, and on the roof.

Policy DD-3.5: Sustainable Development. Decarbonize new developments with low embodied carbon materials, renewable energy generation, and resource efficient design (energy, water, and waste) through development standards and incentives for higher performing new developments.

Policy DD-3.6: Future Conditions. Ensure that new and/or substantial construction is planned and designed to accommodate future conditions for the life of the project through implementation of the flood plain/sea-level rise overlay (see Chapter 20.180).

Policy OS-1.1: Create a Connected Network. Establish a network of parks and open spaces that provide spaces for active and passive recreation for residents, workers, and other district populations with a neighborhood park, linear park, mini parks and plazas, and greenways and trails.

Policy OS-4.1: Promote Different Open Space Types. Leverage a mix of public and privately owned publicly accessible (POPA) open space to provide sufficient open space for the district.

Goal MOB-1: Multi-modal travel options are readily available and offer equal levels of comfort.

Policy MOB 2.1: Connect Bicyclists and Pedestrians to Lindenville. Complete low-stress bicycle and pedestrian connections to the Centennial Way Trail, Bay Trail, and the Colma Creek Greenbelt.

Policy MOB 3.3: Prioritize Pedestrian and Bike Access. Require property owners to prioritize pedestrian and bicycle access in site designs in the mixed-use and office corridors and de-emphasize vehicle access using design, wayfinding, and building amenities.

Policy I-3.4: Sustainable Development Practices. Encourage sustainable development practices for development projects to reduce the demands on the water supply and sanitary sewers systems, including the use of recycled water indoors, installation of localized blackwater systems, and incorporation of regenerative and high-efficiency landscape practices that reduce water and energy use, along with increased building efficiency beyond City standards.

The project's goals and components associated with developing 1.7 million square feet of R&D uses and amenities, including new landscaping, sustainability features, and pedestrian access routes, support the above-listed Specific Plan goals and policies, as discussed throughout this initial study checklist. The Specific Plan does not impose density or height standards separate from those found in the General Plan's Land Use Element. By increasing the density of development and use at the site, the project further supports the sub-area goals.

The project site is approximately 1 mile northwest of SFO and partially within Airport Influence Area B of the ALUCP, which includes noise, height/airspace protection, safety, and overflight compatibility criteria and policies, as outlined in the SFO ALUCP. Please refer to Section 3.9, *Hazards and Hazardous Materials*, and 3.13, *Noise and Vibration*, for additional discussion of the proposed project's consistency with the SFO ALUCP. The project would require a determination of consistency with the ALUCP. The project would also be required to comply with FAA regulations for height. This includes determining the need to file form 7460-I, Notice of Proposed Construction or Alteration, with the FAA. With the 7460-I filing, the FAA undertakes an aeronautical study of the project and determines whether to issue a determination of no hazard or a determination of hazard. The project would require an ALUCP consistency determination to comply with FAA regulations for height. The project applicant would be required to receive a determination of no hazard to air navigation as a condition of approval for a building permit for the proposed project.

As mentioned in Chapter 2, *Project Description*, the southern portion of the project site is adjacent to the navigable slough; it contains a portion of the 100-foot shoreline band within the jurisdiction of the BCDC. Because a portion of the project site is within 100 feet of the navigable slough, project-related work within the 100-foot shoreline band would be subject to the McAteer-Petris Act, thereby requiring a permit from BCDC. The McAteer-Petris Act allows BCDC to issue or deny permits for work that would place fill, extract material, or change the use of any land, water, or structure within the area of its jurisdiction, in conformance with San Francisco Bay Plan policies and McAteer-Petris Act requirements. The permit would be reviewed and approved by BCDC to ensure that the proposed project, as well as all project-related activities within the shoreline band, would be consistent with the requirements of the San Francisco Bay Plan and McAteer-Petris Act. The project applicant would be required to secure a BCDC permit as a condition of approval for the proposed project's building permit. Furthermore, the Active South City Plan, General Plan, and Lindenville Specific Plan identify a Class I bicycle and pedestrian trail crossing at U.S. 101 to connect the Bay Trail with Shaw Road, with an eventual extension to the Centennial Way Trail via a grade-separated Caltrain crossing. A shared Class I/IV bicycle and pedestrian pathway, providing access to the navigable slough along the southern and western portions of the project site, would be constructed as part of the development proposed adjacent to the project site at 101 Terminal Court project. Although no bicycle and pedestrian pathway is proposed along the southern and western portions of the project site as part of the proposed project, the proposed project would not preclude completion of the pathway as part of the 101 Terminal Court project, or the bicycle and pedestrian bridge across U.S. 101, consistent with General Plan Policy MOB-2.1.3 and as identified in the Active South City Plan.

Overall, the project would not conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. Impacts would be ***less than significant***.

3.11.2.3 Cumulative Impacts

As evaluated above, no new impacts have been identified for the project. Therefore, when combined with the cumulative development, no new cumulative impacts would occur.

Development under the proposed project would occur in an urbanized area. Similarly, most cumulative development under the General Plan, including reasonably foreseeable projects, would take place in urbanized areas as infill development and not require significant land use changes that would create land use conflicts, nor would they divide existing communities. In addition, future development would be subject to the land use plans, policies, and regulations of the applicable jurisdiction. Therefore, cumulative impacts would be ***less than significant***.

3.11.3 Off-Site Redesignation Parcels

The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan, and City Zoning Code. However, they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation.

The purpose of the off-site redesignation parcels is to ensure that future development is similar to and consistent with the development proposed as part of the project. The proposed project would not include the construction of any new uses on the off-site redesignation parcels. As addressed under Section 3.11.2.2, by redesignating these off-site parcels, the project supports Specific Plan Policy LU-5.2, which encourages parcel assemblage for the Park 'N Fly site (160 Produce Avenue) and the Golden Gate Produce Terminal site (131 Terminal Court) and creation of a master plan for office and R&D development on the combined parcels. Future land uses could be R&D and would be consistent with the project site overall; that is, future development proposals would be reviewed for consistency with applicable plans, thereby avoiding future land use inconsistencies. Overall, land use impacts related to the amendments for these five parcels would be similar to those identified for the proposed project, and impacts would be ***less than significant.*** Further review in an EIR is not required***.***

3.12 Mineral Resources

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
12. MINERAL RESOURCES: Would the project:					
a) Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?	☐	☐	☐	☐	☒
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☐	☒

3.12.1 Setting

There are no known mineral resources within South San Francisco, according to the California Department of Conservation.[69] The California Geological Survey Mineral Resource Zones and Resource Sectors map classifies as the project site as MRZ-1, an area "where adequate information indicates that no significant mineral deposits are present" or "where it is judged that little likelihood exists for their presence."[70]

3.12.2 Discussion

There are no known mineral resources within the project vicinity. The project site is categorized as MRZ-1; it is not located in an area used or available for extraction of a regionally important mineral resource. Therefore, no impacts on mineral resources of statewide or regional significance would occur. In addition, neither the project site nor the surrounding area is identified as an area containing mineral resources of local significance; therefore, there would be ***no impact*** on mineral resources.

3.12.2.1 Cumulative Impacts

The project would have no impact on mineral resources. Therefore, when combined with the cumulative development evaluated in the General Plan EIR and the Lindenville Specific Plan Addendum, no new cumulative impacts would occur. Therefore, the proposed project in combination with other development projects would not result in a significant cumulative impact related to mineral resources. and there would be no additional cumulative impacts.

[69] California Geological Survey. 2022. *CGS Information Warehouse: Mineral Land Classification*. Available: https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=mlc. Accessed: June 3, 2024.

[70] California Geological Survey. 1987. *Special Report 146 – Mineral Land Classification: Aggregate Materials in the San Francisco-Monterey Bay Area, Part II: Classification of Aggregate Resource Areas, South San Francisco Bay Production – Consumption Region.* Available: ftp://ftp.consrv.ca.gov/pub/dmg/pubs/sr/SR_146-2/SR_146-2_Text.pdf. Accessed: June 3, 2024.

3.12.3 Off-Site Redesignation Parcels

The proposed project would require amendments to the General Plan and Specific Plan and an associated zone change from MIH to BTP-H for the off-site redesignation parcels. The purpose of the off-site redesignation is to ensure that future development is similar to and consistent with the development proposed as part of the project. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The BTP-H land use designation was created to encourage campus-like environments for offices, R&D facilities, and corporate headquarters.

As discussed in the Specific Plan Addendum and General Plan EIR, which are incorporated by reference, there would be no impacts on mineral resources because such resources do not occur within the Specific Plan area. Furthermore, there are no mineral resource recovery sites within the boundaries of South San Francisco. Redesignation of the five off-site parcels from MIH to BTP-H would not change this conclusion because the same lands would be disturbed, lands that are not currently used for any mining or other mineral extraction activities. Therefore, there would be ***no impact*** on mineral resources as a result of the off-site redesignation parcels. No further evaluation in an EIR is required.

3.13 Noise

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
13. NOISE: Would the project:					
a) Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance or applicable standards of other agencies?	☒	☐	☐	☐	☐
b) Generate excessive groundborne vibration or groundborne noise levels?	☒	☐	☐	☐	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan, or where such a plan has not been adopted, within 2 miles of a public airport or public use airport, expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒	☐

Regarding noise impacts related to public airports or private air strips, the closest airport to the project site is SFO, which is approximately 1 mile to the southeast. Portions of the project site fall within the 65 A-weighted decibel (dBA) noise contour for this airport, according to the 2012 Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport. No portion of the project site is within the 70 or 75 dBA community noise equivalent level (CNEL) noise contours.[71] Land uses proposed under the project include commercial, office, and/or R&D land uses. The 2012 ALUCP designates commercial and industrial/production land uses as compatible with all airport-related noise levels, according to Table IV-1, Noise/Land Use Compatibility Criteria, of the ALUCP document.[72] Although residential land uses are designated as conditionally compatible within the 65 dBA CNEL contour, no residential land uses are proposed as part of the project. Therefore, the project would not conflict with the land use restrictions for the 65 dBA noise contour in the ALUCP. Impacts related to aircraft noise would be ***less than significant***, and this topic will not be addressed in the EIR.

Construction vehicles and equipment used during project construction would generate noise and vibration. In addition, during operation of the project, project-generated vehicle trips would increase traffic and associated traffic noise along nearby roadway segments, and mechanical equipment and project emergency generators (during testing) would result in operational noise. Therefore, construction and operation of the project would have the potential to result in significant impacts with respect to checklist questions 13(a) and 13(b). These topics will be analyzed in the EIR.

[71] City/County Association of Governments of San Mateo County. 2012. *Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport.* November. Redwood City, CA. Available: https://ccag.ca.gov/wp-content/uploads/2014/10/Consolidated_CCAG_ALUCP_November-20121.pdf. Accessed: March 10, 2023.

[72] Ibid.

3.14 Population and Housing

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
14. POPULATION AND HOUSING: Would the project:					
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☐	☒

3.14.1 Setting

3.14.1.1 Population and Housing

South San Francisco had a population of 63,484 as of 2022[73] and a total of 22,495 housing units as of 2021.[74] According to the General Plan EIR, the population is expected to increase to approximately 107,203 and 38,959 housing units by 2040. The City's Housing Element reports that the city needs to increase housing by 3,956 units in order to meet California Department of Housing and Community Development (HCD) Regional Housing Needs Assessment (RHNA) estimates.

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market, and associated surface parking. The project site consists of two warehouse buildings and a smaller administrative building, totaling approximately 126,750 square feet. In addition, the site is also developed with approximately 116,572 square feet of open-air structures, including loading docks and trash compactors, associated with operations at the Golden Gate Produce Terminal. There is currently no housing on the project site.

3.14.1.2 Employment

The city and adjacent areas contain regional employment centers and major thoroughfares. The city's economy supports jobs and businesses in areas such as biomedical technologies, digital technologies, manufacturing, distribution, hospitality, and household-serving retail services. According to the General Plan EIR, there are 95,260 jobs in the city, a number that is projected to

[73] U.S. Census Bureau. 2023. *QuickFacts*. Available: https://www.census.gov/quickfacts/southsanfrancisco citycalifornia. Accessed: June 12, 2024.

[74] FirstCarbon Solutions. 2022. *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments, and Climate Action Plan City of South San Francisco, San Mateo County, California.* State Clearinghouse Number 2021020064. .

increase to 137,557 by 2040.[75] The Specific Plan Addendum accounted for future development at the project site under the MIH land use designation for the Specific Plan area, which would see 11,775 new residents and 23,366 employees upon build-out of the Specific Plan. The project site is currently occupied by the Golden Gate Produce Terminal, a produce market that employs approximately 475 people.

3.14.2 Discussion

The project is located within the Lindenville Planning-Sub Area, which comprises mostly industrial, business, food processing, manufacturing, and warehousing uses. The project site is currently zoned MIH, which allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. As mentioned above, the existing use on site is a produce market; no housing is currently on the site. The project would consist of demolishing industrial and operational uses on a 17.67-acre site at the Golden Gate Produce Terminal. In its place, the proposed project would construct approximately 1.7 million square feet of R&D uses and amenities within seven buildings, ranging from one to six stories, along with two parking garages, additional surface parking, and landscaping. The project would require General Plan, Specific Plan and zoning code amendments to change the existing land use and zoning designation from MIH and to BTP-H and allow development of the R&D campus.

3.14.2.1 Construction

Construction-related job opportunities due to the proposed project are not expected to result in any substantial population growth in the area. The work requirements of most construction projects are highly specialized so that construction workers remain at a job site only for the time frame during which their specific skills are needed. In addition, the construction workers would very likely be supplied from the region's labor pool and would not be likely to relocate. As such, significant housing or population impacts would not result from construction of the project. Therefore, there would be no construction-related population growth impacts. Therefore, ***no impact*** would occur.

3.14.2.2 Operation

Infrastructure

The proposed project would be located on a developed parcel (i.e., warehouse buildings, administrative building, open-air structures) and be considered in-fill redevelopment. The project site is served by existing water, wastewater, stormwater, natural gas, electric, telecommunications, and waste and recycling services. New on-site facilities would be connected to new services through the installation of new localized connections. An expansion or an increase in capacity for off-site infrastructure would occur as required by the utility providers. In addition, the proposed project would not include the extension of area roadways. Because the proposed infrastructure would be sized to meet the needs of the proposed project, it would not lead to unplanned indirect population growth or the need for additional housing beyond that expected to be generated by the proposed project. This impact would be ***less than significant***.

[75] FirstCarbon Solutions. 2022. *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments, and Climate Action Plan City of South San Francisco, San Mateo County, California.* State Clearinghouse Number 2021020064.

Employees

The proposed project would be located on an existing developed site in an urbanized area; it would not include the construction of any housing units. The proposed project would construct approximately 1.7 million square feet of R&D and amenity space. Because no housing is proposed as part of the project, there would be no direct population and housing impacts on the city.

Operation of the proposed project would generate indirect population growth because the new R&D campus would increase employment by approximately 3,787 (3,778 R&D employees and nine day-care center employees), a net increase of 3,312. Because the project would redesignate the project site from MIH to BTP-H, the project would result in additional employees under the BTP-H designation compared with the number of employees assumed in the General Plan and Specific Plan. Under the MIH designation, using an employee generation rate of one employee per 741 square foot of MIH space,[76] the project site could result in 1,039 employees.[77] As mentioned previously, the project would generate 3,778 employees, resulting in 2,739 additional employees not accounted for in the General Plan or Specific Plan projections.

Employment impacts are largely social and economic impacts, and CEQA establishes that social and economic impacts are not considered significant impacts unless they contribute to, or are caused by, physical impacts on the environment (Public Resources Code Section 21080). Thus, the proposed project's additional employment growth not evaluated or considered in the General Plan and Specific Plan is not, in and of itself, a significant impact on the environment. As discussed above, project employees would not directly create significant impacts related to population or housing demand. Other potential impacts that could result from the new employees on the project site, including impacts related to vehicle travel, are evaluated throughout this Initial Study and the EIR. Refer to Section 4.2, *Air Quality*, Section 4.5, *Noise*, and Section 4.6, *Transportation and Circulation*, of the Draft EIR and Section 3.11, *Land Use and Planning*, Section 3.15, *Public Services*, and Section 3.19, *Utilities and Service Systems*, of this Initial Study.

Although housing is not proposed, the increase in the number of employees in the area could generate a need for housing. The proposed project would result in a demand for 938 housing units,[78] given the project's 3,312 additional employees. However, according to the City's Housing Element, 3,581 housing units[79] are currently in the pipeline and expected to be built by 2040, which would accommodate the increased growth in employment in the city. Not all employees would live within South San Francisco. Other nearby jurisdictions have adopted Housing Elements that plan for housing to meet their Regional Housing Needs Allocation, which is each jurisdiction's share of the region's housing needs. This regional housing need is determined by the State using population projections, vacancy rate, overcrowding, and other factors. As a result, with the City and other jurisdictions planning for growth in their Housing Elements, this level of additional employees

[76] As part of the analysis conducted for the General Plan EIR, it was assumed that the transportation analysis zone (TAZ) that the project site falls in would be approximately 73.50 acres (or 3,201,660 square feet) and result in approximately 4,138 employees. Using these numbers, the TAZ would result in an employee generation rate of one employee per 741 square feet (i.e., 3,201,660 square feet/4,138 employee = one employee/741 square feet).

[77] The project site is approximately 17.67 acres or approximately 769,705.2 square feet. Assuming the employee generation rate of one employee/741 square feet, the project site under the MIH designation could result in approximately 1,039 employees (i.e., 769,705.2 square feet/741 square feet = 1,039 employees).

[78] Based on the city's jobs-to-housing ratio of 3.53 jobs per housing unit.

[79] City of South San Francisco. 2023. *South San Francisco Housing Element 2023–2031.* Available: https://shapessf.com/the-housing-element/. Accessed: June 12, 2024.

would not result in additional physical impacts from unplanned growth. The proposed project would also very likely employ existing workers within the region because the existing city and county workforce already has workers who support R&D. In addition, the proposed project would be required to pay the commercial linkage fee under Chapter 8.69 of the City Municipal Code, which would contribute to the development of affordable housing in other locations within the city. Therefore, the proposed project would not lead to unplanned housing or employment growth. The population impacts would be ***less than significant.***

Displacement

No displacement of substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere, would occur with the project because no housing exists on-site, nor is housing proposed. ***No impact*** would occur.

3.14.2.3 Cumulative Impacts

As evaluated above, impacts from the project would be less than significant. Development under the project would occur in an urbanized area. Similarly, most cumulative development under the General Plan, Specific Plan, and reasonably foreseeable projects would take place in urbanized areas as infill development and not result in cumulative impacts on population and housing because the projects would be considered planned growth projected by the City in anticipation of future development. Therefore, when combined with the cumulative development evaluated in the General Plan EIR and the Specific Plan Addendum, no new cumulative impacts would occur. In addition, the project would also be an infill project. It would connect to existing infrastructure that already serves the project site and would not need to extend infrastructure that could result in unplanned growth. Therefore, the proposed project in combination with other development projects would not result in a significant cumulative impact related to population and housing. Cumulative impacts would be ***less than significant.***

3.14.3 Off-Site Redesignation Parcels

The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan, and City Zoning Code. However, they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The proposed project does not include the construction of any new uses on the off-site redesignation parcels.

The purpose of the off-site redesignation parcels is to ensure that future development is similar to and consistent with the development proposed as part of the project. The proposed project would not include the construction of any new uses on the off-site redesignation parcels and would not result in any direct impacts related to population and housing. However, future development of the off-site parcels would result in population and housing impacts similar to those of the proposed project and would generate a similar number of employees. The employees could be accommodated through the housing growth envisioned in the City's General Plan and Housing Element and other

similar plans in nearby jurisdictions, consistent with regional growth projections. In addition, future development at the off-site redesignation parcels would be subject to project-specific CEQA review, which would ensure that population and housing impacts from future employees would be adequately evaluated and mitigated, as appropriate. Overall, population impacts related to the amendments for the five parcels would be similar to those identified for the proposed project. Therefore, population and housing impacts associated with the off-site redesignation parcels would be ***less than significant.*** No further evaluation in the EIR is required.

3.15 Public Services

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
15. PUBLIC SERVICES: Would the project:					
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, to maintain acceptable service ratios, response times, or other performance objectives for any of the following public services: • Fire protection? • Police protection? • Schools? • Parks? • Other public facilities?	☐	☐	☐	☒	☐

3.15.1 Setting

The SSFFD provides fire suppression and prevention services, emergency medical services, and urban and marine search-and-rescue services. Other responsibilities involve hazardous materials, public education, and disaster preparedness. The nearest fire station to the project site is Fire Station 62, located at 249 Harbor Way, approximately 0.5 mile to the northeast. The staff includes 87 full-time-equivalent firefighters and emergency medical employees and 4.68 hourly and contract employees. The SSFFD aims to have the first apparatus vehicle on the scene of an emergency within 7 minutes and 30 seconds of a call, which includes 4 minutes for travel time.[80]

The South San Francisco Police Department (SSFPD) provides police protection services throughout the city, with the exception of unincorporated county areas, which are under the jurisdiction of the San Mateo County Sheriff's Office. The SSFPD has 84 sworn and 35 civilian positions and is divided into two

[80] FirstCarbon Solutions. 2022. *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments, and Climate Action Plan, City of South San Francisco, San Mateo County, California.* State Clearinghouse Number 2021020064.

divisions: Operations and Services.[81] The SSFPD operates out of a single station at 1 Chestnut Avenue. This station, constructed in late 2021, also serves as a backup Emergency Operations Center. A substation at 329 Miller Avenue, with limited hours of operation, provides space for officers to write reports and take breaks. As of 2023, SSFPD's response time to Priority 1 (emergency) calls averaged 6 minutes and 21 seconds; nonemergency Priority 2 and 3 calls averaged 18 minutes and 23 seconds and 41 minutes and 36 seconds, respectively.[82] The SSFPD considers these response times acceptable. There currently is no standard response time, nor is there any obligated standard to measure against. With a population of about 63,484 in the city as of 2022, the SSFPD has a current service ratio of 1.3 sworn officers per 1,000 residents.[83]

The South San Francisco Unified School District (SSFUSD) provides kindergarten through 12th-grade education to South San Francisco residents and portions of Daly City and San Bruno. The SSFUSD operates nine elementary schools (K–5), four middle schools (6–8), three high schools (two for 9–12 students and one continuation high school), and one adult education program.[84] Total enrollment in the SSFUSD is approximately 8,000, with a student-to-teacher ratio of 20:1.[85] In addition, the SSFUSD facilitates a child development program that offers a full-day licensed preschool at three sites within the city. Out of the nine public elementary schools within the SSFUSD, five are located within the city limits. However, South San Francisco residents can apply to transfer to another school located outside of the city limits but within the SSFUSD.

The South San Francisco Public Library provides free public library and literacy services at three facilities: the Main Library, the Grand Avenue Branch Library, and the Community Learning Center. The community learning center is nearest to the project site, at approximately 1 mile northwest. In addition, a new library would be incorporated as part of the City's proposed Community Civic Campus. This would include a science and technology center, children's and teen learning area, and adult learning area.[86]

3.15.2 Discussion

3.15.2.1 Fire Protection, Police Protection, and Emergency Medical Services

Policy SA-22.7 requires the City to coordinate with the SSFFD and SSFPD to ensure that public services will be able to accommodate the growth associated with new development in Lindenville. In addition, all development projects in South San Francisco are required to pay a public safety impact fee, in accordance with Chapter 8.75 of the City Municipal Code, to ensure funding for adequate

[81] City of South San Francisco. 2024. *Divisions*. Available: https://www.ssf.net/departments/police/divisions. Accessed: June 3, 2024.

[82] Personal communication between Kate Thompson, Elizabeth Kennan, and Scott Campbell of SSFPD. November 3, 2023.

[83] 63,848 residents/1,000 = 63.484; 83 sworn officers/63.484 = approximately 1.3.

[84] South San Francisco Unified School District. 2024. *Schools*. Available: https://www.ssfusd.org/. Accessed: June 3, 2024.

[85] U.S. News & World Report. 2024. *South San Francisco Unified School District*. Available: https://www.usnews.com/education/k12/california/districts/south-san-francisco-unified-100024#:~:text=South%20San%20Francisco%20Unified%20School%20District%20contains%2017%20schools%20and%208%2C182%20students. Accessed: June 12, 2024.

[86] City of South San Francisco. 2021. *Community Civic Campus—Library, Parks & Recreation and Community Theater/Council Chamber*. Available: http://www.communitycivicampus.net/index.php/projects/library-parks-rec. Accessed: November 8, 2023.

personnel, equipment, and facilities and meet the increased demand generated by new development. Any new development would be subject to payment of the public safety impact fee and reviewed by the City for compliance with the policies and actions of the General Plan and the City Municipal Code; therefore, physical effects on the environment from the construction of new or expanded public service facilities would not be expected to occur.

The proposed project would construct new R&D and amenity buildings on the project site, which is already developed and currently being served by the SSFFD and SSFPD. As described in Chapter 2, *Project Description*, dedicated access to the project site for emergency vehicles would be provided via Terminal Court and the Shaw Road connection. The proposed project would allow emergency vehicle access to all buildings through the proposed roadway network within the project site. The project site would include 20- to 26-foot-wide fire lanes around the perimeter of the project site, providing access to each building. In addition, the proposed project would be required to comply with all applicable fire and safety codes required in the City's Municipal Code. Furthermore, the proposed project would be subject to the public safety impact fee, which supports public services personnel, equipment, and facility maintenance, to offset potential impacts from additional demand generated by the proposed project. Therefore, the impact would be ***less than significant***.

3.15.2.2 Public Schools

The General Plan includes policies and actions to ensure that public schools keep pace with the additional demand generated by new development. Specifically, Policy SA-22.7 requires the City to coordinate with the SSFUSD to ensure that public services will be able to accommodate the growth associated with new development in Lindenville. In addition, all development projects in South San Francisco are required to pay the school impact fee, in accordance with Senate Bill (SB) 50, to provide funds to SSFUSD. Any new development would be subject to payment of the school impact fee and reviewed by the City for compliance with the policies and actions of the General Plan and the City Municipal Code; therefore, physical effects on the environment from the construction of new or expanded public school facilities would not be expected to occur.

Because the proposed project would include the development of R&D/amenity uses, not residential uses, it would not directly result in the generation of new students who would enroll in the SSFUSD. However, the proposed project would be subject to SB 50 school impact fees, as established by the Leroy F. Greene School Facilities Act of 1998. These fees support facility maintenance to offset potential impacts from additional use. Section 65996 of the State Government Code notes that payment of the school impact fees established by SB 50, which may be required by any State or local agency, is deemed to constitute full and complete mitigation for school impacts from development. In addition, as part of the proposed project, an approximately 4,050-square-foot day-care center would be provided on-site. The day-care center would include an approximately 4,950-square-foot outdoor play area that would be protected with fencing; the surrounding landscaping and trees would be minimal. The proposed day-care center would accommodate up to 50 children and be open to employees of the proposed project as well as the public. Therefore, this impact would be ***less than significant***.

3.15.2.3 Libraries

The General Plan includes policies and actions to ensure that library facilities keep pace with new development. These policies include Policy LU-1.4, which requires the City to maintain and expand public facilities that support the community, including libraries, particularly in neighborhoods that lack such resources, and Policy ECS-7.1, which requires the City to ensure that adequate library

services, staffing levels, and facilities are maintained for all residents. In addition, Policy ECS-7.7 requires the City to develop customer service surveys, which will be used to evaluate library programs and events. In addition, all development projects in South San Francisco are required to pay a library impact fee, in accordance with Chapter 8.74 of the City Municipal Code, to provide funds for the City's library services and facilities. Any new development would be subject to payment of the library impact fee and reviewed by the City for compliance with the policies and actions of the General Plan and the City Municipal Code; therefore, physical effects on the environment from the construction of new or expanded library facilities would not be expected to occur. In addition, development would be required to pay library impact fees, in accordance with Chapter 8.74 of the City Municipal Code; therefore, the project would not result in significant adverse effects related to library facilities. The impacts of the proposed project would be ***less than significant***.

3.15.2.4 Cumulative Impacts

As evaluated above, impacts from the project would be less than significant. Therefore, when combined with the cumulative development evaluated in the General Plan EIR and the Lindenville Specific Plan Addendum, no new cumulative impacts would occur. Development facilitated by the General Plan or Specific Plan would be required to pay library impact fees, in accordance with Chapter 8.74 of the City Municipal Code, and participate in ongoing coordination with SSFFD and SSFPD; therefore, future development would not result in significant adverse effects related to library facilities. The proposed project in combination with other development projects would not result in a significant cumulative impact related to public service impacts. Cumulative impacts would be ***less than significant***.

3.15.3 Off-Site Redesignation Parcels

The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan, and City Zoning Code. However, they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation.

Similar to the proposed project, future development under the BTP-H designation could include life sciences and R&D office space, which would most likely have impacts on public services similar to those of the proposed project. As such, future development at the off-site redesignation parcels would be subject to a SSFUSD development impact fee, based on the square footage of each project. In addition, future development at the parcels would be subject to payment of the public safety impact fee and library impact fee. Furthermore, future development at the off-site redesignation parcels would be required to comply with the same policies and actions provided in the General Plan and City Municipal Code, as described in the sections above, which would ensure that public service providers would be able to accommodate growth generated by any new development at the off-site redesignation parcels. Therefore, public services impacts associated with the off-site redesignation parcels would be ***less than significant***. No further evaluation in the EIR is required.

3.16 Recreation

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
16. RECREATION: Would the project:					
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☒	☐
b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	☐	☐	☐	☒	☐

3.16.1 Setting

As of 2022, 316 acres of developed parklands, open space, and joint use facilities were within the city limits. This includes improved parkland (131 acres), open space (108 acres), and joint use facilities (77 acres). The City retains joint use agreements with public agencies like the SSFUSD, PG&E, San Francisco Public Utilities Commission (SFPUC), and Bay Area Rapid Transit (BART) to allow residents access to additional improved parkland and open space. The City also maintains an additional 30 to 40 acres for rights-of-way or other open space. The City maintains 10 indoor recreational facilities and numerous outdoor facilities for sports, social gatherings, camps, and classes. These indoor facilities include the Community Civic Campus (opens 2023), Municipal Services Building, Joseph A. Fernekes Recreation Building, Roberta Cerri Teglia Center (formerly Magnolia Center), Orange Pool, Paradise Valley Recreation Center, Siebecker Center, Terrabay Gymnasium, Alice Peña Bulos Community Center (formerly Westborough Recreation Building), Westborough Preschool, and Community Learning Center, which is jointly operated with the library.[87]

The Quimby Act, a 1965 State law, allows local governments to impose a requirement for the dedication of land or the payment of in-lieu fees, or both, for park and recreational purposes as a condition of approval for a tentative map or parcel map (see Government Code Section 66477 et seq.) The basic premise is that new development brings in more residents and creates a special impact on park and recreational resources. The Quimby Act also contains specific procedures for calculating, collecting, and spending in-lieu fees; it also requires the return of fees when the fees have not been committed to park and recreational facilities. These fees are distinguished from the Mitigation Fee Act (California Government Code Section 66000 et seq.). The Quimby Act also sets a maximum community per capita standard for park and recreational facilities of 5 acres per 1,000 residents for which park and recreational land dedications and fees may be imposed under the act. The fees collected through the Quimby regulations offset developmental impacts by providing park and recreational facilities that will serve new residents.

[87] FirstCarbon Solutions. 2022. *Draft Program Environmental Impact Report General Plan Update, Zoning Code Amendments, and Climate Action Plan City of South San Francisco, San Mateo County, California.* State Clearinghouse Number 2021020064.

3.16.2 Discussion

The proposed project would include approximately 115,130 square feet of open space in the courtyards, which would be publicly accessible, providing space for outdoor work, recreation, and socializing through the use of seat walls, paved areas, turf, and shade structures. In addition, outdoor terraces would be incorporated on multiple levels of the proposed buildings for use by building tenants. Furthermore, development facilitated by the proposed project would be required to pay park and recreation impact fees in accordance with Chapter 8.67 of the City Municipal Code, as discussed above. Therefore, the proposed project would not result in significant adverse effects related to parks and recreational facilities, and impacts would be ***less than significant***.

3.16.2.1 Cumulative Impacts

As evaluated above, impacts from the project would be less than significant. Therefore, when combined with the cumulative development evaluated in the General Plan EIR and the Lindenville Specific Plan Addendum, no new cumulative impacts would occur. Future development would be required to pay park and recreation impact fees in accordance with Chapter 8.67 of the City Municipal Code, as discussed above, in addition to providing more open space per other City Municipal Code and Zoning Code requirements. Therefore, the proposed project in combination with other development projects would not result in a significant cumulative impact related to recreational, and cumulative impacts would be ***less than significant***.

3.16.3 Off-Site Redesignation Parcels

The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan, and City Zoning Code. However, they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation.

Similar to the proposed project, future development under the BTP-H designation could include life sciences and R&D office space, which would most likely have recreational impacts similar to those of the proposed project. As such, future development at the off-site redesignation parcels would be subject to the payment of the park and recreation impact fee, in accordance with Chapter 8.67 of the City Municipal Code. In addition, future development at the parcels would very likely incorporate open space and/or amenity uses as part of the future projects' designs, which would provide recreational opportunities for future employees and the public on-site. Furthermore, future development at the off-site redesignation parcels would be required to comply with the same policies and actions provided in the General Plan and City Municipal Code, as described in the sections above, which would ensure that parks and recreational facilities would be able to accommodate growth generated by any new development at the off-site redesignation parcels. Therefore, recreational impacts associated with the off-site redesignation parcels would be ***less than significant***. No further evaluation in the EIR is required.

3.17 Transportation

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
17. TRANSPORTATION: Would the project:					
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☒	☐	☐	☐	☐
b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?	☒	☐	☐	☐	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☒	☐	☐	☐	☐
d) Result in inadequate emergency access?	☒	☐	☐	☐	☐

Vehicles used during project construction would generate vehicle trips. In addition, the approximately 1.7 million square feet of R&D and amenity uses would generate vehicle trips from project-generated employees during operational activities. Furthermore, the project design and the generation of vehicle trips could result in a conflict with an applicable circulation plan, policy, or regulation; result in inadequate emergency access; or substantially increase hazards due to design features. Therefore, construction and operation of the project would have the potential to result in significant impacts with respect to checklist questions 3.17(a), 3.17(b), 3.17 (c), and 3.17(d). These topics will be analyzed in the EIR.

3.18 Tribal Cultural Resources

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
18. TRIBAL CULTURAL RESOURCES: Would the project:					
e) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe and that is:					
i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources, as defined in Public Resources Code Section 5020.1(k), or	☐	☐	☐	☒	☐
ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☐	☒	☐

3.18.1 Setting

Tribal cultural resources were originally identified as a distinct CEQA environmental category with adoption of Assembly Bill (AB) 52 in September 2014. For all projects that are subject to CEQA with a notice of preparation (NOP), notice of negative declaration, or mitigated negative declaration received on or after July 1, 2015, AB 52 requires the lead agency on a proposed project to consult with the geographically affiliated California Native American tribes. The legislation creates a broad new category of environmental resources, tribal cultural resources, that must be considered under CEQA. AB 52 requires a lead agency to consider not only the resource's scientific and historical value but also whether it is culturally important to a California Native American tribe.

AB 52 defines tribal cultural resources as sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are included in or determined to be eligible for inclusion in the California Register of Historical Resources (CRHR) or a local register of historical resources, as defined in Public Resources Code Section 5020.1(k), or determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to the criteria of Public Resources Code Section 5024.1(c) (CEQA Section 21074).

California SB 18 (Government Code Section 65352.3), established in September 2004, requires local governments to consult with California Native American tribes prior to preparing or amending both general plans (as defined in California Government Code Section 65300 et seq.) and specific plans (as defined in Government Code Section 65450 et seq.). The purpose of this consultation is to include California Native American tribes early in the planning process and allow for the identification and protection of cultural resources. This process also allows cultural resources to be considered during the broad-scale local and regional planning process rather than at a project level.

SB 18 requires that local governments notify appropriate tribes, as identified by the Native American Heritage Commission (NAHC), prior to the adoption or amendment of a general plan or specific plan. Tribes then have 90 days from the receipt of notification to request consultation (Government Code Section 65352.3). Prior to the adoption or substantial amendment of a general plan or specific plan, local governments must refer the proposed action to the appropriate tribes, as identified by the NAHC, regardless of whether previous consultation has taken place. Local governments must allow a 45-day comment period (Government Code Section 65352) and provide notice of a public hearing to all tribes that filed a written request for such notice at least 10 days prior to the hearing (Government Code Section 65092).

In accordance with AB 52 and SB 18, the NAHC was contacted on June 20, 2023, and asked to conduct a search of its Sacred Lands File and provide a list of California Native American tribes that have a cultural affiliation with the geographic area where the project site is located. On July 7, 2023, the NAHC indicated that the search of its Sacred Lands File was negative for sacred lands in the vicinity of the project site and provided a list of eight tribal representatives. On September 27, 2023, the City sent letters to the eight individuals identified by the NAHC. The letters included a brief description of the proposed project, the results of a literature record search, project location maps, and a request for comments, concerns, or knowledge regarding sacred lands or heritage sites in the project area. The following tribes were contacted:

- Amah Mutsun Tribal Band of Mission San Juan Bautista
- Costanoan Rumsen Carmel Tribe
- Indian Canyon Mutsun Band of Costanoan
- Muwekma Ohlone Indian Tribe of the San Francisco Bay Area
- The Ohlone Indian Tribe
- Wuksache Indian Tribe/Eshom Valley Band

No requests for consultation were received from the Native American tribes. Appendix F contains the letter that was sent from the NAHC and a record of the City's communication with Native American tribes.

3.18.2 Discussion

The *Archaeological Resources Study for the Infinite 131 Project* was prepared by ICF to analyze potential project impacts. The following discussion is based on the technical report. The *Archaeological Resources Study for the Infinite 131 Project* is confidential and not for public release because it contains the locations of archaeological sites. Distribution and access should be restricted to those with a need to know. In addition, development in the city, including the proposed project, would be required to comply with General Plan Policies ES-10.5, ES-11.1, and ES-11.3.

Policy ES-10.5, *Discovery of Significant Historic or Prehistoric Archaeological Artifacts*. If construction or grading activities result in the discovery of significant historic or prehistoric archaeological artifacts, then all work within 100 feet of the discovery shall cease, the Economic and Community Development Department shall be notified, and the resources shall be examined by a qualified archaeologist for appropriate protection and preservation measures; work may resume only when appropriate protections are in place and approved by the Economic and Community Development Department.

Policy ES-11.1, Identification of Tribal Cultural Resources. Encourage the identification, preservation, and protection of tribal cultural resources, traditional cultural landscapes, sacred sites, places, features, and objects, including historic or prehistoric ruins, burial grounds, cemeteries, and ceremonial sites, in consultation or coordination with the appropriate Native America tribe(s) and ensure appropriate treatment of Native American and other human remains discovered during project construction.

Policy ES-11.3, Conduct Tribal Consultation during Development Review. Consult with local Native American tribes to identify, evaluate, and appropriately address tribal cultural resources and tribal sacred sites through the development review process.

3.18.2.1 Impacts on Tribal Cultural Resources

The potential exists for previously undiscovered tribal cultural resources to be encountered during grading, excavation, or other ground-disturbing activities associated with the proposed project. As discussed above, to determine the sensitivity of the project site with respect to Native American resources, the NAHC and local Native American groups were consulted in accordance with AB 52, but no tribes responded. The records search conducted at the Northwest Information Center (NWIC) found that one Native American archaeological site was located within or adjacent to the project area, although subsequent testing suggests that this resource was incorrectly mapped and may not be within the project area. However, should archaeological deposits that qualify as tribal cultural resources be encountered during project excavation, any impacts on these potential unanticipated discoveries would be avoided through compliance with General Plan Policies ES-10.5 and ES-11.1. Based on the presumed incorrect mapping results and compliance with federal, State, and General Plan policies that protect tribal cultural resources, the proposed project would result in ***less-than-significant*** impacts on tribal cultural resources.

3.18.2.2 Cumulative Impacts

With adherence to federal, State, and local laws and policies that protect tribal cultural resources, cumulative impacts on tribal cultural resources would be less than significant. As evaluated above, no new impacts have been identified for the project. Therefore, cumulative impacts on tribal cultural resources would be ***less than significant***.

3.18.3 Off-Site Redesignation Parcels

The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan, and City Zoning Code. However, they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density

corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The proposed project would not include the construction of any new uses on the off-site redesignation parcels.

Similar to the proposed project, future development under the BTP-H designation could include life sciences and R&D office space, which would most likely result in similar amounts and types of ground disturbing activities, and have similar impacts on tribal cultural resources as the proposed project. As such, future development under the off-site redesignation parcels would be subject to the same federal and State regulations protecting tribal cultural resources, including AB 52 consultation, as necessary. Furthermore, future development would be required to comply with the same policies in the General Plan, as described above for the proposed project, which would ensure that any potential impacts to tribal cultural resources would be avoided. Therefore, impacts associated with the off-site redesignation would be ***less than significant*** and no further evaluation in an EIR is required.

3.19 Utilities and Service Systems

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
19. UTILITIES AND SERVICE SYSTEMS: Would the project:					
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental environment?	☐	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒	☐
d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	☒	☐

3.19.1 Setting

3.19.1.1 Water Supplies

South San Francisco is served by the California Water Service Company (Cal Water) and located in Cal Water's South San Francisco service area, which includes South San Francisco, Colma, a small portion of Daly City, and Broadmoor. The Cal Water South San Francisco District utilizes both groundwater from the Westside Basin and imported surface water purchased from the SFPUC. An existing 12-inch public water main is located within Terminal Court.

3.19.1.2 Wastewater

The City owns and maintains its sanitary sewer system and infrastructure within public rights-of-way. The collected wastewater is conveyed to the South San Francisco Water Quality Control Plant (WQCP) located adjacent to San Francisco Bay on Colma Creek. This facility provides secondary wastewater treatment for the cities of South San Francisco, San Bruno, and Colma. During dry weather conditions, the WQCP has a peak flow capacity of 13 million gallons per day (mgd), which is increased to a peak capacity of 62 mgd during wet-weather conditions.[88] It receives an average dry-weather flow of approximately 9 mgd; the average peak wet-weather flow can exceed 60 mgd.[89] The plant last experienced flows that exceeded peak wet-weather capacity on December 31, 2022.[90] An existing 8-inch sanitary sewer main runs underneath the navigable slough south of the project site.

3.19.1.3 Stormwater

The City owns and maintains the storm drainage infrastructure within public rights-of-way. For the majority of the project site, storm drain lines would outfall into the adjacent slough. On the lower portions of the site, smaller areas would drain to the City's municipal separate storm sewer system within Terminal Court, which contains an existing 12-inch storm drain main.

3.19.1.4 Electrical, Natural Gas, and Telecommunication Facilities

PG&E provides both electricity and natural gas services to the city. As a California Public Utilities Commission–regulated public utility in the state of California, PG&E owns, operates, and maintains above- and belowground electric and natural gas facilities in the city, including substations, through public utility easements. The city is also served by both wired and wireless telecommunications from numerous providers, including AT&T, Comcast, Viasat, and T-Mobile.

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88 Carollo Engineers. 2011. *South San Francisco/San Bruno Water Quality Control Plant Facility Plan Update*. April. Available: https://www.ssf.net/home/showdocument?id=1330. Accessed: October 26, 2023.

89 City of South San Francisco. 2023. *Water Quality Control Plant. Treatment Process*. Available: https://www.ssf.net/departments/public-works/water-quality-control-plant/treatment-process. Accessed October 30, 2023.

90 City of South San Francisco 2023. *Water Quality Control Plant.* Public Notification. Available: https://www.ssf.net/departments/public-works/water-quality-control-plant/public-notification. Accessed October 30, 2023.

3.19.1.5 Solid Waste

The South San Francisco Scavenger Company and Blue Line Transfer provide solid waste disposal services citywide, including garbage and recycling services.[91] The South San Francisco Scavenger Company transports all solid waste to the Blue Line Transfer facility at 500 East Jamie Court where solid waste is processed, treated, and transported to other disposal facilities. The Blue Line Transfer facility has a permitted capacity of 2,400 tons per day.[92] Any trash remaining after the usable materials have been separated at the transfer facility are transported to the Corinda Los Trancos (Ox Mountain) Sanitary Landfill or the Newby Island Sanitary Landfill. The project site would continue to be served by the South San Francisco Scavenger Company and Blue Line Transfer.

3.19.2 Discussion

3.19.2.1 Relocation or Construction of New or Expanded Facilities

Water Facilities

As described in Chapter 2, *Project Description*, on-site water system improvements would include the pipes, valves, fire hydrants, meters and submeters, and backflow preventers needed to serve the proposed uses. The proposed project would include an extension to the 12-inch public main within Terminal Court. The extension would loop around the site and provide connections to building laterals for domestic water and fire water, irrigation, and fire hydrant needs. The proposed project assumes a 4-inch private lateral for domestic water and an 8-inch pipe (minimum) for the private fire lateral would be required. The main points of connection for the water line would be the new 12-inch water main that would be implemented as part of development at 101 Terminal Court, adjacent to the project site, and the existing 8-inch public water main within Terminal Court. In addition, the proposed project would incorporate sustainability features to reduce water consumption, including ultraefficient WaterSense-labeled flush and flow fixtures and low-water-demand native and/or adapted vegetation with efficient irrigation systems.

Construction of the proposed water infrastructure improvements would have the potential to cause significant adverse environmental effects, such as fugitive dust generation, noise generation, sedimentation, and erosion. The proposed utility expansions are part of the project description, and the potential impacts that would result from construction of these facilities are evaluated throughout this initial study and in the EIR. Therefore, the project would not require or result in the relocation or construction of new or expanded water facilities beyond the facilities already included in the project description and evaluated in this initial study and EIR, the construction or relocation of which could cause significant environmental effects. This impact would be ***less than significant***. No mitigation is required.

[91] South San Francisco Scavenger Company. n.d. *About Us*. Available: https://ssfscavenger.com/about-us/. Accessed: October 30, 2023.

[92] California Department of Resources Recycling and Recovery. 2023. *Blue Line MRF and TS*. Available: https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/1598?siteID=3259. Accessed: October 30, 2023.

Wastewater Facilities

Proposed sewer system improvements would include a new 18-inch sanitary sewer main through the southwest corner of the project site to a 21-inch main to support the proposed project. Proposed on-site sewer pipes would be between 4 and 18 inches in diameter and connect to the upsized sewer main beneath the navigable slough. In addition, the proposed project would incorporate sustainability features to reduce wastewater consumption, including ultraefficient WaterSense-labeled flush and flow fixtures.

Construction of the proposed wastewater infrastructure improvements would have the potential to cause significant adverse environmental effects such as fugitive dust generation, noise generation, sedimentation, and erosion. The proposed utility expansions are a part of the project description, and the potential impacts that would result from construction of these facilities are evaluated throughout this initial study and in the EIR. Therefore, the project would not require or result in the relocation or construction of new or expanded wastewater facilities beyond the facilities already included in the project description and evaluated in this initial study and EIR, the construction or relocation of which could cause significant environmental effects. This impact would be ***less than significant***. No mitigation is required.

Stormwater Facilities

On-site storm drain improvements would include the installation of bioretention ponds, flow-through planters, and Silva Cell units to provide LID treatment on the project site. The proposed stormwater pipes would be between 6 and 12 inches in diameter. New connections would connect to an existing 12-inch storm drain main within Terminal Court. The proposed project would also be designed to conserve resources and protect water quality through the management of stormwater runoff using LID methods, where feasible. This approach would implement engineered controls to allow stormwater filtering, storage, and flood control. Bioretention basins, flow-through planters, Silva Cell units, and other site design features to manage stormwater runoff flows and reduce stormwater pollution would be located throughout the project site.

Construction of the proposed stormwater infrastructure improvements would have the potential to cause significant adverse environmental effects such as fugitive dust generation, noise generation, sedimentation, and erosion. The proposed utility expansions are a part of the project description, and the potential impacts that would result from construction of these facilities are evaluated throughout this initial study and in the EIR. Therefore, the project would not require or result in the relocation or construction of new or expanded stormwater facilities beyond the facilities already included in the project description and evaluated in this initial study and EIR, the construction or relocation of which could cause significant environmental effects. This impact would be ***less than significant***. No mitigation is required.

Electrical, Natural Gas, and Telecommunication Facilities

The project proposes the installation of new connections for dry utility service. All electrical and telecommunication utilities would be connected to existing electrical and telecommunication utilities. The proposed project would not include any new connections for natural gas, which would not be used by the project. In addition, it would achieve, at a minimum, a LEED, version 4.1,

BD+C Core and Shell Gold rating as well as WELL v2 Core certification.[93] Proposed sustainability measures would include an all-electric building design; on-site renewable energy in the form of rooftop photovoltaic (PV) panels; a high-performance building envelope and heating, ventilation, and air-conditioning (HVAC) systems; and EV charging infrastructure, all of which would reduce the project's energy consumption.

Construction of the proposed electrical and telecommunication infrastructure improvements would have the potential to cause significant adverse environmental effects such as fugitive dust generation, noise generation, sedimentation, and erosion. The proposed utility expansions are a part of the project description, and the potential impacts that would result from construction of these facilities are evaluated throughout this initial study and in the EIR. Therefore, the project would not require or result in the relocation or construction of new or expanded electrical and telecommunication facilities beyond the facilities already included in the project description and evaluated in this initial study and EIR, the construction or relocation of which could cause significant environmental effects. This impact would be ***less than significant***. No mitigation is required.

3.19.2.2 Water Supply

A water supply assessment (WSA) was prepared for the proposed project by Cal Water to analyze potential project impacts. The following discussion is based on the WSA, which is included as Appendix O.

After adjusting for existing water use at the site (i.e., 5.5 acre-feet per year [afy]), the incremental increase in water demand associated with the proposed project at full build-out and full occupancy is estimated to be 345 afy. However, in accordance with Cal Water's Development Offset Program, the project sponsor would be required to pay a special facilities fee of $15,400 per acre-foot to offset the net water demand increase. This would be used to fund accelerated water supply projects and expanded customer conservation programs that would result in no net increase in water demand in Cal Water's South San Francisco (SSF) District. Therefore, the proposed project would be required to offset its net demand increase, which would be calculated prior to establishing a new water service connection. The project would not be expected to result in a net increase in water demand in Cal Water's SSF District.

Regarding water supply availability, it is projected that available water supplies would be able to meet water demand under normal-year hydrologic conditions through 2045, inclusive of the proposed project. However, in drought periods, shortfalls of up to 53 percent would be possible if the "worst-case" supply scenario is realized (i.e., the Bay-Delta Plan Amendment is implemented as written). In response to anticipated future dry-year shortfalls, Cal Water has developed a Water Shortage Contingency Plan (WSCP) that systematically identifies ways in which the SSF District can reduce water demand during dry years. The overall reduction goals in the WSCP are established for six drought stages, with shortfalls ranging from 10 percent to more than 50 percent.

Cal Water is also striving to increase the water supply portfolio for the SSF, Mid-Peninsula, and Bear Gulch Districts through (1) investment in water conservation, (2) participation in the Regional Groundwater Storage and Recovery Project and the Regional Water Recycling Project, and (3)

[93] The WELL building standards are performance-based building standards for measuring and monitoring features within the built environment that may affect human health through air, water, light, and other concepts. The standards provide ways for buildings to be designed to improve human comfort and enhance health and wellness within the built environment.

development of a regional water supply reliability study, using integrated resource planning practices to create a long-term supply reliability strategy through 2050 for Cal Water districts in the Bay Area. Therefore, the WSA concludes that, through supply augmentation and implementation of demand management measures to offset the proposed project's estimated net new demand, consistent with Cal Water's Development Offset Program, the proposed project would not affect water supply reliability within the SSF District. Based on currently available information and conservative estimates of projected demand, Cal Water expects to be able to meet all future demands within its existing SSF District service area, as well as the Mid-Peninsula and Bear Gulch Districts, inclusive of the proposed project, in normal hydrologic years. The shortfalls that are currently projected during dry years will be addressed through planned implementation of the SSF District WSCP. In addition, Cal Water and other regional agencies are pursuing development of additional water supplies to improve the regional water system and SSF District supply reliability. Therefore, project-related impacts on water supply would be ***less than significant.*** No mitigation is required.

3.19.2.3 Wastewater Treatment Capacity

The proposed project would increase wastewater demand within the project site due to the intensification of land uses. According to the project sponsor, the proposed project would generate 5,975 tons per year (4.47 million gallons per year, or 0.01 mgd) of wastewater. As stated above, during dry weather conditions, the WQCP has a peak flow capacity of 13 mgd of wastewater, which is increased to a peak capacity of 62 mgd during wet-weather conditions.[94] With the proposed project's increase in wastewater of 0.01 mgd, the WQCP would have adequate capacity to accommodate the increase. The project's water conservation policies, as noted above in Section 3.19.2.1, *Relocation or Construction of New or Expanded Facilities*, could also result in proportionate reductions in the project's wastewater generation. Lastly, the proposed project would be consistent with the City's sewer capacity charge through its fee contribution, ensuring that wastewater treatment capacity would be maintained. Based on the above, project-related impacts on wastewater treatment capacity would be ***less than significant.*** No mitigation is required.

3.19.2.4 Solid Waste

The proposed project would increase solid waste generation within the project site from the intensification of land uses. Upon project completion, there would be approximately 3,787 employees on-site. Based on the solid waste generation rate identified by the California Department of Resources Recycling and Recovery (CalRecycle) for the city (5 pounds per capita per day for employees),[95] the project's employees would generate 18,935 pounds of solid waste per day (or 9.5 tons per day). This equates to approximately 2,480 tons of solid waste per year.[96] According to the General Plan, the four landfills that serve the city have a combined remaining capacity of 43.43

[94] Carollo Engineers. 2011. *South San Francisco/San Bruno Water Quality Control Plant Facility Plan Update*. April. Available: https://www.ssf.net/home/showdocument?id=1330. Accessed: October 26, 2023.

[95] California Department of Resources Recycling and Recovery. 2019. *Disposal Rate Calculator – South San Francisco*. Available: https://www2.calrecycle.ca.gov/LGCentral/AnnualReporting/DisposalRateCalculator. Accessed: September 24, 2023.

[96] 9.5 tons per day × 261 working days per year = 2,480 tons per year.

million cubic yards.[97] Therefore, this capacity would be more than enough to accommodate the solid waste generated by the proposed project. In addition, State law requires the collection of trash in three separate streams: waste, mixed recycling, and compost, in accordance with the requirements of AB 341, AB 1826, and SB 1383. The City requires further separation of mixed recycling into paper, containers, and cardboard. The proposed project would comply with City requirements. Trash from the proposed buildings would be collected in five different streams, including waste, recyclables, and compostable materials. Recyclable materials would be further sorted into paper, container, and cardboard types of materials. The proposed project would have two central trash locations per building, for a total of four. The trash areas would be adjacent to the loading areas and connected to the service elevators. For construction and demolition, 100 percent of all inert solids (i.e., building materials) and 65 percent of non-inert solids (i.e., all other materials) would be recycled as required by the City under Chapter 15.60 of the City Municipal Code. These requirements and regulations would reduce the amount of solid waste produced by construction and operation of the proposed project.

Based on the above, project-related impacts related to solid waste would be ***less than significant.*** No mitigation is required.

3.19.2.5 Cumulative Impacts

The geographic context for analysis of cumulative impacts related to utilities and service systems is the service area of the utility provider and the cumulative projects. The geographic context for cumulative impacts related to wastewater treatment is the wastewater treatment facility service area. With regard to water facilities and storm drainage, the geographic context would be the city. The geographic context for cumulative impacts related to solid waste is the service areas of the landfills serving the project site. In addition, the geographic context for cumulative impacts related to electricity is PG&E's service area in Northern California.

The cumulative projects would be required to go through environmental and regulatory review and comply with the City's regulations and policies regarding utility connections, water conservation, solid waste recycling, and energy conservation. In addition, cumulative projects would be required to demonstrate that sufficient capacity exists at the WQCP and nearby landfills or provide mitigation. For these reasons, the proposed project in combination with other past, present, and reasonably foreseeable future projects would not result in a significant cumulative impact on utilities and service systems. The cumulative impact would be ***less than significant***. No mitigation is required.

3.19.3 Off-Site Redesignation Parcels

The proposed project would require amendments to the General Plan and Specific Plan and an associated zone change from MIH to BTP-H for the off-site redesignation parcels. The purpose of the off-site redesignation is to ensure that future development is similar to and consistent with the development proposed as part of the project. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D

[97] First Carbon Solutions. 2022. *Final Program Environmental Impact Report, General Plan Update, Zoning Code Amendments, and Climate Action Plan, City of South San Francisco, San Mateo County, California*. State Clearinghouse Number 2021020064.

facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation. The BTP-H land use designation was created to encourage campus-like environments for offices, R&D facilities, and corporate headquarters.

Future development of the off-site redesignation parcels would be required to demonstrate the availability of water suppliers to service the development, as required and applicable, in the form of will-serve letters or, for larger projects, preparation of a water supply assessment, per SB 610. If additional facilities are constructed, separate environmental analysis will be required. Future development of the off-site redesignation parcels would be located within the urban framework of the city and near existing wastewater infrastructure. General Plan Update policies and actions would ensure that the future development of the off-site redesignation parcels would continue to comply with State and federal regulatory requirements related to water and wastewater. As such, future development of the off-site redesignation parcels would not result in the need to construct or expand water or wastewater collection and treatment facilities.

In accordance with City requirements, future development of the off-site redesignation parcels would be required to install on-site storm drainage infrastructure that would detain stormwater and release runoff at a rate no greater than the pre-development condition of the project site. In addition, future development of the off-site redesignation parcels would not be expected to require or result in new or expanded electricity, natural gas, or telecommunications facilities beyond those already planned. Therefore, impacts related to the relocation or construction of new or expanded facilities would be ***less than significant***.

In accordance with City requirements, future development of the off-site redesignation parcels would be required to connect to the municipal sewer system. The two wastewater treatment plants serving the city have a combined capacity of 23.3 mgd and currently have additional dry-weather capacity of approximately 14.6 mgd. The amount of wastewater generated by future development of the off-site redesignation parcels would be substantially less than the remaining capacity of the treatment plants. Therefore, although future development of the off-site redesignation parcels would result in an increase in the demand for wastewater collection and treatment, the wastewater collection systems and treatment plants would have sufficient capacity to support new this future development. Therefore, impacts related to wastewater collection and treatment would be ***less than significant.***

Future development of the off-site redesignation parcels would increase the generation of solid waste (both temporary construction and permanent operation waste), which could exceed State or local standards, exceed local infrastructure capacity, or otherwise impair the attainment of solid waste reduction goals. However, in accordance with City requirements, future development of the off-site redesignation parcels would be served by solid waste, recycling, and green waste services provided by the City's franchise hauler (City Municipal Code Chapter 8.16). Furthermore, future development of the off-site redesignation parcels would be required to abide by and be consistent with federal, State, and local statutes and regulations related to solid waste, including the California Health and Safety Code, CCR, California Public Resources Code, and City General Plan and Municipal Code. Therefore, the impact would be ***less than significant.*** No further evaluation in an EIR is required.

3.20 Wildfire

Environmental Issue Area	Further Evaluation Needed in EIR	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
20. WILDFIRE: Would the project:					
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☐	☒
b) Due to slopes, prevailing winds, and other factors, exacerbate wildfire risks and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☐	☒
c) Require the installation or maintenance of associated infrastructure, such as roads, fuel breaks, emergency water sources, power lines, or other utilities, that may exacerbate fire risk or result in temporary or ongoing impacts on the environment?	☐	☐	☐	☐	☒
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☐	☒

3.20.1 Setting

South San Francisco is not in an SRA or a Local Responsibility Area (LRA) FHSZ. The city is identified as a non-VHFHSZ within an LRA and adjacent to land identified as a moderate to high FHSZ within an SRA at San Bruno Mountain State Park. Land identified as a high FHSZ within an SRA is approximately 0.75 mile south of San Bruno Mountain State Park.

Although there is no very high, high, or moderate FHSZ within city limits, Sign Hill Park, in the northern part of the city between the Paradise Valley/Terrabay and Sign Hill sub-areas, is susceptible to wildfires.[98] The park is approximately 1.5 miles from the project site.

The California Department of Forestry and Fire Protection (CAL FIRE) provides varying levels of emergency services in 36 of the California's 58 counties through contracts with local governments, including the City. In addition, the SSFFD provides fire suppression and prevention services, emergency medical services, and urban and marine search-and-rescue services. Other responsibilities involve hazardous materials, public education, and disaster preparedness. The SSFFD has firefighters and paramedics in five different fire stations throughout the city. Personnel are dispatched to a variety of incidents, including structure fires, hazardous material incidents, medical calls, and traffic accidents. The nearest fire station to the project site is Fire Station 62, located at 249 Harbor Way, approximately 0.5 mile to the northeast. For additional details regarding emergency service facilities, response areas, and response times, please see Section 3.15, *Public Services*.

[98] FirstCarbon Solutions. 2022. *Program Environmental Impact Report General Plan Update, Zoning Code Amendments, and Climate Action Plan City of South San Francisco, San Mateo County, California.*

3.20.2 Discussion

The project site is not located in an FHSZ in an SRA or a VHFHSZ in an LRA. The project site and all surrounding areas are located within an LRA, which is not identified as a moderate, high, or very high FHSZ. The area surrounding the project site is generally developed; it lacks the features that normally elevate wildland fire risks (e.g., dry vegetation, steep hills). Because the project site is not located within or near an SRA or a VHFHSZ, and because the proposed project would comply with the South San Francisco Fire Code (Sections 15.24.101.1 and 15.24.5001.1 of the City Municipal Code) as well as architectural and developmental review requirements of the SSFFD, this impact would be ***less than significant***.

3.20.2.1 Cumulative Impacts

As evaluated above, impacts from the project would be less than significant. Therefore, when combined with the cumulative development evaluated in the General Plan EIR and the Specific Plan Addendum, no new cumulative impacts would occur. Therefore, the proposed project in combination with other development projects would not result in a significant cumulative impact related wildfire. Cumulative impacts would be ***less than significant***.

3.20.3 Off-Site Redesignation Parcels

The five off-site redesignation parcels are currently designated as MIH under the General Plan, Specific Plan, and City Zoning Code. However, they would be redesignated BTP-H, consistent with the proposed land use and zoning designation for the project site. The MIH designation currently allows for development of a wide range of warehousing, manufacturing, processing, service commercial, and storage and distribution uses. The redesignation would allow for high-density corporate headquarters, R&D facilities, and office uses. More specifically, the General Plan and Specific Plan describe the permitted uses for BTP-H as incubator research, prototype manufacturing, testing, repairing, packaging, publishing, and printing, along with office and R&D uses. Warehousing, distribution, manufacturing, retail services, personal services, and grocery and hotel uses are also permitted under this designation.

The proposed project would not include the construction of any new uses on the off-site redesignation parcels. Future R&D uses would be subject to the South San Francisco Fire Code (Sections 15.24.101.1 and 15.24.5001.1 of the City Municipal Code) and the architectural and developmental review requirements of the SSFFD. Implementation of the redesignation parcels would not result in additional wildfire impacts. Therefore, impacts would remain ***less than significant.***

3.21 Mandatory Findings of Significance

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
a.	Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b.	Does the project have impacts that are individually limited but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☒	☐	☐	☐
c.	Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	☒	☐	☐	☐

The discussion of biological resources in Section 3.4, above, shows that, with adherence to project conditions of approval and mitigation, the proposed project would not significantly affect any habitats, plant or animal communities, or threatened or endangered species. The discussion of cultural resources in Section 3.5, above, shows that the proposed project may significantly affect historic resources and archaeological resources; this will be discussed further in the EIR. The discussion of tribal cultural resources in Section 3.18, above, shows that the proposed project would not significantly affect tribal cultural resources. The discussion of geology and soils in Section 3.7, above, shows that, with adherence to project conditions of approval and mitigation, the proposed project would not significantly affect paleontological resources or unique geologic features.

The initial study checklist has addressed cumulative impacts under each environmental topic and determined that cumulative impacts related to biological resources and tribal cultural resources would be less than significant. For all other topics, the initial study supports a determination that the proposed project, in combination with reasonably foreseeable projects, would not result in significant cumulative impacts. The EIR will address potential impacts, including cumulative impacts, related to air quality, cultural resources, GHG emissions, noise, and transportation. These topics, along with plans and policies, other CEQA topics, and alternatives, will be evaluated in the EIR.

Chapter 4
Report Preparation

4.1 Lead Agency

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Appendix C:

Air Quality and Greenhouse Gas Technical Report

AIR QUALITY AND GREENHOUSE GAS TECHNICAL REPORT INFINITE 131 PROJECT

PREPARED FOR:

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Acronyms and Abbreviations

°F	degrees Fahrenheit
2017 Clean Air Plan	2017 Clean Air Plan: Spare the Air, Cool the Climate
2017 Scoping Plan	2017 Climate Change Scoping Plan
2022 Scoping Plan	Final 2022 Scoping Plan Update for Achieving Carbon Neutrality
AB	Assembly Bill
BAAQMD	Bay Area Air Quality Management District
BAAQMD	Bay Area Air Quality Management District
BAAQMD Justification Report	Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts from Land Use Projects and Plans
BART	Bay Area Rapid Transit
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CCAA	California Clean Air Act
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards Code
California	State of California
CalRecycle	California Department of Resources Recycling and Recovery
CAP	Climate Action Plan
CARB	California Air Resources Board
CARE	Community Air Risk Evaluation
Carl Moyer Program	Carl Moyer Memorial Air Quality Standards Attainment Program
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEQA Air Quality Guidelines	California Environmental Quality Act Air Quality Guidelines
CH_4	methane
City	City of South San Francisco
CMP	congestion management program
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
DPM	diesel particulate matter
EMFAC2021	Emission Factor 2021
EO	Executive Order
EPA	U.S. Environmental Protection Agency

EV	electric vehicle
EVSE	electric-vehicle supply equipment
General Plan	Shape South San Francisco 2040 General Plan
GHG	greenhouse gas
GIS	geographic information system
GVWR	gross vehicle weight rating
GWP	global warming potential
H_2S	hydrogen sulfide
HAP	hazardous air pollutant
HFC	hydrofluorocarbon
HRA	health risk assessment
IPCC	Intergovernmental Panel on Climate Change
kW	kilowatt
LCFS	low-carbon fuel standard
LEED	Leadership in Energy and Environmental Design
LOS	level of service
MT	metric tons
mph	miles per hour
MPO	metropolitan planning organization
MTC	Metropolitan Transportation Commission
$MTCO_2e$	metric tons of carbon dioxide equivalent
MWh	megawatt hour
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NHTSA	National Highway Traffic Safety Administration
NO	nitric oxide
NO_2	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NO_X	nitrogen oxide
OEHHA	Office of Environmental Health Hazard Assessment
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
PFC	perfluorocarbon
PG&E	Pacific Gas and Electric
PM	particulate matter
PM_{10}	particles with an aerodynamic diameter of 10 micrometers or less
$PM_{2.5}$	particles with an aerodynamic diameter of 2.5 micrometers or less
ppm	parts per million
proposed project	Infinite 131 Project

PV	photovoltaic
R&D	research and development
ROG	reactive organic gas
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SAFE	Safer Affordable Fuel Efficient
SamTrans	San Mateo County Transit District
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
sf	square feet
SFBAAB	San Francisco Bay Area Basin
SIP	State Implementation Plan
SLCP	Short-Lived Climate Pollutant
SO_2	sulfur dioxide
TAC	toxic air contaminants
TDM	transportation demand management
VMT	vehicle miles traveled
VOC	volatile organic compound
WETA	Water Emergency Transportation Authority
$\mu g/m^3$	micrograms per cubic meter

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Chapter 1
Introduction

The purpose of this air quality and greenhouse gas (GHG) technical report is to identify air quality and GHG impacts that may be associated with the Infinite 131 Project (proposed project). The analysis provided in this report evaluates the potential for construction and operation of the proposed project to result in significant impacts on air quality and GHG emissions. The report includes a description of the environmental setting for the proposed project, including existing conditions and applicable laws and regulations. It also documents the assumptions, methodologies, and findings used to evaluate air quality and GHG impacts. The project is subject to environmental review pursuant to the California Environmental Quality Act (CEQA). It is anticipated that the City of South San Francisco (City), the lead agency for the project, will use this technical report to inform the proposed project's CEQA analysis.

1.1 Project Description

The Infinite 131 project site is in the city of South San Francisco. U.S. 101 is to the east, Terminal Court to the north, a navigable slough[1] to the south, and existing commercial and industrial development to the west. An existing parking lot and on-site structures would be demolished and replaced with new research-and-development (R&D) and amenity uses. Overall, the proposed project would construct approximately 1.7 million square feet (sf) of R&D and amenity uses within seven buildings, ranging from one to six stories. The south portion of the project (I131S) would be constructed first, followed immediately by the construction of the north portion of the project (I131N). In addition, a 551,631 sf parking garage would be incorporated at I131N, and a 453,034 sf parking garage would be incorporated at I131S.

The I131N buildings would have an area of approximately 820,000 sf and include approximately 808,000 sf of R&D uses, 4,000 sf of conference space, and 8,000 sf of restaurant space. An approximately 4,050 sf day-care center would be located north of the I131N buildings. The I131S buildings would be immediately adjacent to the I131N buildings on the south side and have an area of approximately 830,000 sf. The buildings would include approximately 824,000 sf of R&D uses, 4,000 sf of conference space, and 2,000 sf of restaurant space. In addition, the proposed project would incorporate an approximately 50,000 sf amenity building that would include 17,000 sf of restaurant space, 20,000 sf for a fitness center, and 13,000 sf of conference space. There would also be twenty-four 500-kilowatt (kW) emergency generators with Tier 2 engines on the project site. Of the 24 generators, 18 of them would be located at grade within acoustic enclosures in outdoor service yards. The remaining six emergency generators would be located on the ground floor inside the I131N building in a separate generator room.

All project buildings would be tied together through landscaping and open space, creating pedestrian- and bike-friendly connections throughout the campus. A shared internal road would provide vehicular access to the garage, surface parking areas, and loading areas. It would also provide access for fire

[1] The navigable slough is a remnant tidal channel that cuts through a commercial district in South San Francisco and connects to San Francisco Bay (ESA. 2019. *Navigable Slough Flood Management Study, Prepared for County of San Mateo, City of South San Francisco, and City of San Bruno*. Available: https://oneshoreline.org/wp-content/uploads/2020/06/Navigable-Slough-Flood-Management-Study.pdf. Accessed: April 12, 2023).

vehicles. A center landscaped courtyard along the interior of the project site would be framed by the shape of the buildings to prioritize the pedestrian experience and outdoor amenities. Vehicular access to the project site would be provided via a driveway on Terminal Court and a right-of-way connection in the southwest portion of the project site. Shaw Road, to the south, could be accessed from an existing easement.

Figure 1 shows the conceptual site plan for the proposed project.

Source: SteelWave and SOM LLP, 2024.

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Figure 1
Conceptual Site Plan

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Chapter 2
Air Quality

2.1 Regulatory Setting

This section provides a summary of the regulatory setting for the proposed project. It discusses the federal, State of California (California), regional, and local regulations that are applicable.

The federal Clean Air Act (CAA) and its subsequent amendments form the basis for the nation's air pollution control effort. The U.S. Environmental Protection Agency (EPA) is responsible for implementing most aspects of the CAA. A key element of the CAA, the National Ambient Air Quality Standards (NAAQS), pertains to criteria pollutants. The CAA delegates enforcement of the NAAQS to the states. In California, the California Air Resources Board (CARB) is responsible for enforcing air pollution regulations and ensuring the NAAQS and California Ambient Air Quality Standards (CAAQS) are met. CARB, in turn, delegates regulatory authority for stationary sources and other air quality management responsibilities to local air agencies. The Bay Area Air Quality Management District (BAAQMD) is the local air agency for the project site.

The sections that follow provide more detailed information on the federal, State, and local air quality regulations that apply to the proposed project.

2.1.1 Federal

Criteria Air Pollutants

National Ambient Air Quality Standards

EPA has been charged with implementing national air quality programs. EPA's air quality mandates draw primarily from the federal CAA, which was enacted in 1963. The most recent major amendments were made by Congress in 1990. The CAA required EPA to establish the NAAQS for six common air pollutants that are found all over the United States; these are referred to as *criteria air pollutants*. EPA has established primary and secondary NAAQS for the following criteria air pollutants: ozone, carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), respirable particulate matter (PM) with an aerodynamic diameter of 10 micrometers or less (PM_{10}), fine PM with an aerodynamic diameter of 2.5 micrometers or less ($PM_{2.5}$), and lead. The NAAQS are shown in Table 1. The primary standards protect public health, and the secondary standards protect public welfare. The CAA also required each state to prepare a State Implementation Plan (SIP) for attaining and maintaining the NAAQS. The federal CAA Amendments of 1990 added requirements for states with nonattainment areas to revise their SIPs to incorporate additional control measures for reducing air pollution. California's SIP is modified periodically to reflect the latest emissions inventories, planning documents, and rules and regulations for the air basins, as reported by their jurisdictional agencies. EPA is responsible for reviewing all SIPs to determine whether they conform to the mandates of the CAA and its amendments and whether implementation would achieve air quality goals. If EPA determines a SIP is inadequate, the agency may prepare a federal implementation plan that imposes additional control measures. If an approvable SIP is not submitted or implemented within the mandated time frame, sanctions may be applied to transportation funding as well as stationary air pollution sources in the air basin.

Table 1. National and California Ambient Air Quality Standards

Criteria Pollutant	Averaging Time	California Standards	National Standards[a]	
			Primary	Secondary
Ozone	1 hour	0.09 ppm	None[b]	None[b]
	8 hours	0.070 ppm	0.070 ppm	0.070 ppm
Particulate matter (PM_{10})	24 hours	50 μg/m³	150 μg/m³	150 μg/m³
	Annual mean	20 μg/m³	None	None
Fine particulate matter ($PM_{2.5}$)	24 hours	None	35 μg/m³	35 μg/m³
	Annual mean	12 μg/m³	12.0 μg/m³	15 μg/m³
Carbon monoxide (CO)	8 hours	9.0 ppm	9 ppm	None
	1 hour	20 ppm	35 ppm	None
Nitrogen dioxide (NO_2)	Annual mean	0.030 ppm	0.053 ppm	0.053 ppm
	1 hour	0.18 ppm	0.100 ppm	None
Sulfur dioxide (SO_2)[c]	Annual mean	None	0.030 ppm	None
	24 hours	0.04 ppm	0.014 ppm	None
	3 hours	None	None	0.5 ppm
	1 hour	0.25 ppm	0.075 ppm	None
Lead	30-day average	1.5 μg/m³	None	None
	Calendar quarter	None	1.5 μg/m³	1.5 μg/m³
	3-month average	None	0.15 μg/m³	0.15 μg/m³
Sulfates	24 hours	25 μg/m³	None	None
Visibility-reducing particles	8 hours	—[d]	None	None
Hydrogen sulfide (H_2S)	1 hour	0.03 ppm	None	None
Vinyl chloride	24 hours	0.01 ppm	None	None

Source: CARB 2016.

a. National standards are divided into primary and secondary standards. *Primary standards* are intended to protect public health, whereas *secondary standards* are intended to protect public welfare and the environment.

b. The federal 1-hour standard of 12 parts per hundred million was in effect from 1979 through June 15, 2005. The revoked standard is referenced because it was employed for such a long period and is a benchmark for SIPs.

c. The annual and 24-hour NAAQS for SO_2 applied for only 1 year after designation of the new 1-hour standard in those areas that were previously in nonattainment for the 24-hour and annual NAAQS.

d. The CAAQS for visibility-reducing particles is defined by an extinction coefficient of 0.23 per kilometer—visibility of 10 miles or more due to particles when relative humidity is less than 70 percent (CARB 2021c).

CAAQS = California Ambient Air Quality Standards; NAAQS = National Ambient Air Quality Standards; ppm = parts per million; μg/m³ = micrograms per cubic meter.

Corporate Average Fuel Economy Standards for Light-Duty Passenger Vehicles

The National Highway Traffic Safety Administration (NHTSA) Corporate Average Fuel Economy (CAFE) standards require substantial improvements in fuel economy and reductions in emissions of criteria air pollutants and precursors, as well as GHGs, from all light-duty vehicles sold in the United States (NHTSA 2021). On August 2, 2018, NHTSA and EPA proposed an amendment to the fuel efficiency standards for passenger cars and light trucks and established new standards for model years 2021 through 2026. On September 19, 2019, NHTSA and EPA issued a final action on the One National Program Rule, which is considered Part One of the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule and a precursor to the proposed fuel efficiency standards, withdrawing California's

CAA preemption waiver to set state-specific standards.[2] EPA reinstated California's authority under the CAA to implement its own GHG emissions standards and sales mandate regarding zero-emission vehicles on March 9, 2022.[3] On December 19, 2021, NHTSA finalized its vehicle efficiency standards rule to reach a projected industry-wide target of 40 miles per gallon by 2026, an approximately 25 percent increase over the prior SAFE rule.[4]

Emission Standards for On-Road Heavy-Duty Vehicles

EPA has established a series of increasingly strict emission standards for new heavy-duty bus and truck engines. Emissions from heavy-duty trucks are managed by regulations and emission limits implemented at the federal, state, and local levels. In December 2000, EPA signed the Heavy-Duty Highway Rule, which reduces emissions from on-road, heavy-duty diesel trucks by establishing a series of increasingly strict emission standards for new engines. Manufacturers were required to produce new diesel vehicles that meet PM and nitrogen oxide (NO_X) emission standards, beginning with model year 2007; the phase-in period was 2007 to 2010. The phase-in was based on a percentage-of-sales basis, with 50 percent from 2007 to 2009 and 100 percent in 2010. Requirements apply to engines installed in vehicles with a gross vehicle weight rating (GVWR) above 14,000 pounds as well as some engines installed in vehicles with a GVWR between 8,500 and 14,000 pounds.

Emission Standards for Non-Road Diesel Engines

To reduce emissions from non-road diesel equipment, EPA established a series of increasingly strict emission standards for new non-road diesel engines, referred to as *off-road diesel engines*. Tier 1 standards were phased in on newly manufactured equipment from model years 1996 through 2000, depending on the engine horsepower category. Tier 2 standards were phased in on newly manufactured equipment from model years 2001 through 2006. Tier 3 standards were phased in on newly manufactured equipment from model years 2006 through 2008. Tier 4 standards, which require advanced emission-control technology, were phased in from model years 2008 through 2015.

Hazardous Air Pollutants and Toxic Air Contaminants

Toxic air contaminants (TACs), or, in federal parlance, hazardous air pollutants (HAPs), are a defined set of airborne pollutants that may pose a present or potential hazard to human health. A TAC is defined as an air pollutant that may cause or contribute to an increase in mortality or serious illness or pose a hazard to human health. TACs are usually present in minute quantities in the ambient air; however, their high toxicity or health risk may pose a threat to public health, even at low concentrations.

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[2] The One National Program Rule enables EPA and NHTSA to provide nationwide uniform fuel economy and GHG vehicle standards by 1) clarifying that federal law preempts state and local tailpipe GHG standards, 2) affirming NHTSA's statutory authority to set nationally applicable fuel economy standards, and 3) withdrawing California's CAA preemption waiver to set State-specific standards.

[3] California, 22 other states, the District of Columbia, and two cities filed suit against Part One of the SAFE Vehicles Rule on September 20, 2019 (*California et al. v. United States Department of Transportation et al.,* 1:19-cv-02826, U.S. District Court for the District of Columbia). On December 12, 2021, NHTSA repealed the SAFE Vehicles Rule, Part One.

[4] EPA and NHTSA published final rules to amend and establish national carbon dioxide (CO_2) and fuel economy standards on April 30, 2020 (Part Two of the SAFE Vehicles Rule) (85 *Federal Register* 24174). The revised rule changes the national fuel economy standards for light-duty vehicles from 46.7 to 40.4 miles per gallon in future years. California, 22 other states, the District of Columbia filed a petition for review of the final rule on May 27, 2020.

A wide range of sources, from industrial plants to motor vehicles, emit TACs. The health effects associated with TACs are quite diverse and generally assessed locally rather than regionally. TACs can cause long-term health effects, such as cancer, birth defects, neurological damage, asthma, bronchitis, or genetic damage, or short-term acute affects, such as watery eyes, respiratory irritation (a cough), runny nose, throat pain, and headaches.

For evaluation purposes, TACs are separated into carcinogens and noncarcinogens, based on the nature of the physiological effects associated with exposure to the pollutant. Carcinogens are assumed to have no safe threshold below which health impacts would not occur. This contrasts with criteria air pollutants for which acceptable levels of exposure can be determined and for which ambient standards have been established (Table 1). The cancer risk from TACs is expressed as the excess cancer cases per million exposed individuals, typically over a lifetime of exposure.

2.1.2 State

Criteria Air Pollutants

CARB is the agency responsible for coordinating and overseeing State and local air pollution control programs in California and implementing the California Clean Air Act (CCAA). The CCAA required CARB to establish the CAAQS. Specifically, the CCAA established the CAAQS for the same criteria air pollutants for which EPA established the NAAQS, along with sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing PM. The CAAQS are summarized in Table 1. In most cases, the CAAQS are more stringent than the NAAQS. The differences in the NAAQS and the CAAQS are generally explained by the health-effects studies considered during the standard-setting process and the interpretation of the studies. In addition, the CAAQS incorporate a margin of safety to protect sensitive individuals.

In California, EPA has delegated the authority to prepare SIPs to CARB, which, in turn, has delegated that authority to individual air districts. Traditionally, CARB has established air quality standards, maintained oversight authority in air quality planning, developed programs for reducing emissions from motor vehicles, developed air emission inventories, collected air quality and meteorological data, and approved SIPs. The CCAA requires all local air districts in the state to endeavor to attain and maintain the CAAQS by the earliest date practical. It specifies that local air districts should focus particular attention on reducing emissions from transportation and area-wide sources. The CCAA substantially adds to the authority and responsibilities of the air districts. Specifically, it designates air districts as lead air quality planning agencies, requires air districts to prepare air quality plans, and grants air districts the authority to implement transportation control measures. The CCAA also emphasizes the control of "indirect and area-wide sources" of air pollutant emissions and gives local air pollution control districts explicit authority to regulate indirect sources of air pollution and establish traffic control measures.

Truck and Bus Regulation

To reduce emissions of NO_X and other criteria pollutants, as well as diesel particulate matter (DPM), from diesel-fueled vehicles, CARB adopted the Truck and Bus Regulation in 2008. This regulation applies to any diesel-fueled vehicle, as well as any dual-fuel or alternative-fuel diesel vehicle, that travels on public highways, in yard trucks with on-road engines, or in yard trucks with off-road engines used for agricultural operations. It also applies to school buses and vehicles with a GVWR above 14,000 pounds. The purpose of the regulation is to require nearly all trucks and buses

registered in the state to have a 2010 or newer engine by 2023. Compliance schedules have been established for lighter vehicles (GVWR of 14,000–26,000 pounds) and heavier vehicles (GVWR of more than 26,001 pounds) (CARB 2021b). As of January 1, 2020, only vehicles that meet the requirements of the Truck and Bus Regulation are allowed to register with the California Department of Motor Vehicles.

Carl Moyer Program

The Carl Moyer Memorial Air Quality Standards Attainment Program (Carl Moyer Program) is a voluntary program that offers grants to owners of heavy-duty vehicles and equipment. The program is a partnership between CARB and the local air districts throughout the state to reduce air pollution emissions from heavy-duty engines. The air districts administer the Carl Moyer Program locally.

Toxic Air Contaminants

California regulates TACs primarily through the Tanner Act (Assembly Bill [AB] 1807) and the Hot-Spots Act (AB 2588). The Tanner Act (AB 1807) created California's program to reduce exposures to air toxics. CARB defines TACs as air pollutants that may cause or contribute to an increase in mortality or serious illness or pose a present or potential hazard to human health. CARB has formally identified more than 200 substances and groups of substances as TACs (CARB 2022c). Direct exposure to these pollutants has been shown to cause cancer, birth defects, damage to the brain and nervous system, and respiratory disorders. The Hot-Spots Act (AB 2588) supplements the AB 1807 program by requiring a statewide air toxics inventory, notification of people exposed to a significant health risk, and facility plans to reduce these risks. The California Office of Environmental Health Hazard Assessment (OEHHA) is required to develop guidelines for health risk assessments (HRAs) under the Air Toxics Hot-Spots Program. These guidelines provide the scientific basis for the values used to assess the risk associated with exposure to emissions from facilities and new sources (OEHHA 2015).

In August 1998, CARB identified particulate emissions from diesel-fueled engines as TACs. In September 2000, CARB approved a comprehensive diesel risk reduction plan to reduce emissions from both new and existing diesel-fueled engines and vehicles. As an ongoing process, CARB reviews air contaminants and identifies those classified as TACs. CARB also continues to establish new programs and regulations to control TACs, including DPM, as appropriate.

CARB has adopted diesel exhaust control measures and more stringent emissions standards for various transportation-related mobile sources of emissions, including transit buses and off-road diesel equipment (e.g., tractors, generators). Over time, the replacement of older vehicles will result in a vehicle fleet that produces substantially lower levels of TACs. Mobile-source emissions of TACs (e.g., benzene, 1,3-butadiene, DPM) have been reduced significantly over the last decade and will be reduced further in California through a progression of regulatory measures (e.g., low-emission vehicle, clean fuel, and Phase II reformulated gasoline regulations) and control technologies. It is expected that DPM concentrations will continue to decline. Adopted regulations are also expected to continue to reduce formaldehyde emissions emitted by cars and light-duty trucks. As emissions are reduced, it is expected that risks associated with exposure to the emissions will also be reduced.

CARB developed multiple air toxic control measures to address specific mobile- and stationary-source categories that can have an impact on the public health of communities. The measures focused on reducing public exposure to DPM and TACs from mobile sources, such as commercial trucks, buses, solid waste collection vehicles, and cargo handling equipment at ports. The Airborne

Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling (California Code of Regulations [CCR] Title 13, Section 2485) requires heavy-duty trucks with a GVWR greater than 10,000 pounds not to idle the primary engine for more than 5 minutes at any given time or operate an auxiliary power system for more than 5 minutes within 100 feet of a restricted area.

2.1.3 Local

Bay Area Air Quality Management District

At the local level, the responsibilities of air quality districts include overseeing stationary-source emissions, approving permits, maintaining emissions inventories, maintaining air quality stations, overseeing agricultural burning permits, and reviewing air quality–related sections of environmental documents required by CEQA. The air quality districts are also responsible for establishing and enforcing local air quality rules and regulations that address the requirements of federal and State air quality laws and ensuring that the NAAQS and the CAAQS are met.

The proposed project falls under the jurisdiction of BAAQMD, which has local air quality jurisdiction over projects in the San Francisco Bay Area Basin (SFBAAB), including San Mateo County. BAAQMD developed advisory emissions thresholds to assist CEQA lead agencies in determining the level of significance of a project's emissions; the thresholds are outlined in BAAQMD's 2022 *California Environmental Quality Act Air Quality Guidelines* (CEQA Air Quality Guidelines) (BAAQMD 2023a). In April 2023, BAAQMD released updated CEQA Air Quality Guidelines; however, the emissions thresholds specified in the updated guidelines are the same as those in the 2017 guidelines.[5] BAAQMD has also adopted air quality plans to improve air quality, protect public health, and protect the climate; these include the 2017 Clean Air Plan: Spare the Air, Cool the Climate (2017 Clean Air Plan) (BAAQMD 2017).

The 2017 Clean Air Plan, adopted by BAAQMD on April 19, 2017, updates the prior 2010 Bay Area ozone plan and outlines feasible measures to reduce ozone; provides a control strategy to reduce PM, air toxics, and GHGs in a single integrated plan; and establishes the emissions control measures to be adopted or implemented. The 2017 Clean Air Plan contains the primary goals outlined below; consistency with these goals is evaluated in this section.

- **Protect Air Quality and Health at the Regional and Local Scale.** Attain all State and national air quality standards, and eliminate disparities among Bay Area communities in the cancer health risk from TACs.
- **Protect the Climate**. Reduce Bay Area GHG emissions to 40 percent below 1990 levels by 2030 and 80 percent below 1990 levels by 2050. The 2017 Clean Air Plan is the most current applicable air quality plan for the air basin. Consistency with this plan is the basis for determining whether the project would conflict with or obstruct implementation of an air quality plan.

In addition to air quality plans, BAAQMD also adopts rules and regulations to improve existing and future air quality. The proposed project may be subject to the district rules outlined below.

[5] Bay Area Air Quality Management District. 2023. *California Environmental Quality Act Air Quality Guidelines.* Available: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/ceqa-guidelines-chapter-0-cover-page-pdf.pdf?la=en. Accessed: May 9, 2023.

- Regulation 2, Rule 2 (New Source Review)—This regulation contains requirements for best available control technology and emission offsets.
- Regulation 2, Rule 5 (New Source Review of TACs)—This regulation outlines guidance for evaluating TAC emissions and their potential health risks.
- Regulation 6, Rule 1 (PM)—This regulation restricts emissions of PM darker than a 1 on the Ringlemann Chart to less than 3 minutes in any 1 hour.
- Regulation 7 (Odorous Substances). This regulation establishes general odor limitations on odorous substances and specific emission limitations on certain odorous compounds.
- Regulation 8, Rule 3 (Architectural Coatings). This regulation limits the quantity of reactive organic gas (ROG) in architectural coatings.
- Regulation 9, Rule 6 (NO_X Emissions from Natural Gas–Fired Boilers and Water Heaters). This regulation limits emissions of NO_X generated by natural gas–fired boilers.
- Regulation 9, Rule 8 (Stationary Internal-Combustion Engines). This regulation limits emissions of NO_X and CO from stationary internal-combustion engines of more than 50 horsepower.
- Regulation 11, Rule 2 (Hazardous Pollutants – Asbestos Demolition, Renovation, and Manufacturing). This regulation, which incorporates EPA's asbestos National Emissions Standards for Hazardous Air Pollutants regulations, controls emissions of asbestos to the atmosphere during demolition, renovation, and transport activities.

City of South San Francisco

The following air quality-related goals from the *Shape South San Francisco 2040 General Plan* (General Plan) are applicable to the proposed project (City of South San Francisco 2022a):

Goal CR-6: A city prepared for the combined impacts of extreme heat and poor air quality.

Goal LU-1: Create complete neighborhoods where residents can access most of their everyday needs within a short walk, bike, or transit trip.

Goal CHEJ-3: South San Francisco neighborhoods near highways and industrial uses have improved air quality.

Goal ES-1: The City supports nature in South San Francisco to encourage healthy ecosystems, improve air and water quality, improve public health, and adapt to a changing climate.

Goal MOB-3: South San Francisco proactively manages traffic and parking demand.

Goal MOB-4: South San Francisco's land use and transportation actions reduce vehicle miles traveled (VMT) and greenhouse gas emissions.

Goal PE-4: Infrastructure investments support job access and job growth and address climate hazards affecting South San Francisco businesses.

Goal SA-3: The City promotes new residential, mixed-use, and employment uses to add business patrons and residents and create a sustainable and thriving downtown while maintaining a scale and character that is complementary to existing uses.

Goal SA-27: There are safe, comfortable, and accessible pedestrian and bicycle facilities that connect people to downtown, El Camino, and East of 101.

Lindenville Specific Plan

The following air quality–related goals from the Lindenville Specific Plan are applicable to the proposed project (City of South San Francisco 2023):

Goal DD-1: The Mixed-Use Neighborhood, South Spruce Avenue Corridor, and South Linden Avenue Arts and Makers District have a network of safe, walkable streets and pathways to access key destinations and open spaces.

Goal DD-3: New developments in Lindenville provide healthy places for people to live and work by mitigating potential noise, air quality, and odor impacts from industrial land uses, U.S. 101 and Interstate 380, and aircraft.

Goal MOB-1: Multi-modal travel options are readily available and offer equal levels of comfort.

Goal MOB-2: There are high-quality connections to downtown, El Camino, East of 101, and regional destinations for all modes.

Goal MOB-3: Lindenville's transportation offerings and streetscape design support a vibrant mixed-use district.

Goal I-1: The development, management, and maintenance of infrastructure in Lindenville is driven by the ability to optimize the efficiency and effectiveness of each system and achieve the performance required to meet the City's sustainability goals.

Goal I-2: Lindenville invests in sustainable and resilient infrastructure and practices to illustrate leadership.

Goal I-5: The City increases reliance on local energy systems to ensure adequate utility provisioning for new potential users.

2.2 Existing Setting

2.2.1 Topography and Meteorology

Although the primary factors that determine air quality are the locations of air pollutant sources and the pollutants emitted from those sources, meteorological conditions and topography are also important factors. Atmospheric conditions, such as wind speed, wind direction, and air temperature gradients, interact with the physical features of the landscape to determine the movement and dispersal of air pollutants. Unique geographic features throughout the state define 15 air basins with distinctive regional climates. The air quality study area for the proposed project is on the San Francisco Peninsula in the SFBAAB.

The peninsula region of the San Francisco Bay Area extends from the area northwest of San José to the Golden Gate. The Santa Cruz Mountains, part of the Pacific Coast Ranges, extend up the center of the peninsula, with elevations exceeding 2,000 feet at the south end, then gradually decreasing to 500 feet in South San Francisco where the mountain range terminates. On the west side of the mountains lie small coastal towns, such as Half Moon Bay and Pacifica, that, due to coastal ocean upwelling and northwest winds, experience a high incidence of cool, foggy weather in the summer. On the east side of the mountain range lie the larger cities. Cities in the southeastern peninsula experience warmer temperatures and few foggy days because the marine layer, with an average depth of 1,700 feet, is blocked by the 2,000-foot ridge to the west. At the north end of the peninsula lies San Francisco. Because most of the topography of San Francisco is below 200 feet, the marine layer is able to flow across most of the city, making its climate cool and windy.

The Santa Cruz Mountains exhibit a partial blocking effect in South San Francisco, which keeps summertime maximum temperatures slightly higher than they are on the coast. For example, in Half Moon Bay and San Francisco, average maximum daily summertime temperatures are in the mid-60s, while maximum temperatures for South San Francisco range from 65 degrees Fahrenheit (°F) to 75°F (National Oceanic and Atmospheric Administration [NOAA] 2023). Conversely, large temperature gradients are not seen in the minimum temperatures. Average minimum temperatures at Half Moon Bay are about 43°F in winter and 50°F to 52°F in summer. The east peninsula, near South San Francisco, reports winter minimum temperatures of 40°F and summer minimum temperatures of 52°F to 55°F (NOAA 2023).

Annual average wind speeds range from 5 to 10 miles per hour (mph) throughout the peninsula. The tendency is for the higher wind speeds to be found along the peninsula's west coast. However, winds on the east side can also be high in certain areas because low-lying areas in the mountain range, at San Bruno Gap and Crystal Springs Gap, commonly allow the marine layer to pass across the peninsula.

The prevailing winds are westerly along the peninsula's west coast. Individual sites can show significant differences, however. For example, Fort Funston, in western San Francisco County, shows a southwest wind pattern, while Pillar Point in San Mateo County, to the south, shows a northwest wind pattern. Sites on the east side of the mountains also show a westerly pattern, although their wind patterns are influenced by local topographic features. That is, a rise in elevation of a few hundred feet will induce a flow around a feature instead of over it during stable atmospheric conditions. This can change the wind pattern by as much as 90 degrees over short distances. On mornings without a strong pressure gradient, areas on the east side of the peninsula often experience an easterly flow in the surface layer, induced by an upslope flow on east-facing slopes and the bay breeze. The bay breeze is rarely seen after noon because the stronger sea breeze dominates the flow pattern.

On the peninsula, there are two important gaps in the Santa Cruz Mountains. The larger of the two is the San Bruno Gap, extending from Fort Funston on the ocean side to San Francisco International Airport on the bay side. Because the gap is oriented in the same northwest-to-southeast direction as the prevailing winds, and because the elevations along the gap are under 200 feet, marine air is easily able to penetrate into the bay.

The other gap in the Santa Cruz Mountains is the Crystal Springs Gap, along Highway 92 in the area between Half Moon Bay and San Carlos. The low point is 900 feet; however, elevations of 1,500 feet are found north and south of the gap. As the sea breeze strengthens on summer afternoons, the gap permits maritime air to pass across the mountains. Its cooling effect is commonly experienced from San Mateo to Redwood City.

Rainfall amounts on the east side of the peninsula are somewhat lower than on the west side, with San Francisco and Redwood City reporting an average of 19.5 inches per year. On the west side, Half Moon Bay reports 25 inches per year. Areas in the Santa Cruz Mountains are significantly higher, especially west of the ridge line, due to induced condensation from orographic lifting, proximity to a moisture source, and fog drip.

Air pollution potential is highest along the southeastern portion of the peninsula. This area is protected from the high winds and fog associated with the marine layer. Emissions density is relatively high, and pollutant transport from upwind sites is possible. In San Francisco, to the north, pollutant emissions are high, but winds are generally strong enough to carry the pollutants away before they can accumulate.

2.2.2 Criteria Air Pollutants

The discussion below summarizes the primary and secondary criteria air pollutants of key concern. In general, primary pollutants are directly emitted into the atmosphere, and secondary pollutants are formed by chemical reactions in the atmosphere.

Ozone

Ozone, the main ingredient in urban smog, is not emitted directly into the air but, rather, created by chemical reactions between hydrocarbons and NO_X, both byproducts of the internal-combustion engine, in the presence of sunlight. ROGs, as defined by CARB, include all hydrocarbons, except those exempted by CARB, that contribute to smog formation, whereas volatile organic compounds (VOCs), as defined by EPA, include all hydrocarbons, except those exempted by EPA. Generally speaking, ROGs and VOCs are similar but not identical; although the terms are used interchangeably, ROG is used for purposes of this analysis. There are no separate NAAQS or CAAQS for ROG. Carcinogenic forms of ROGs are TACs (e.g., benzene).

ROGs consists of compounds made up primarily of hydrogen and carbon atoms. Internal combustion associated with motor vehicles is the major source of hydrocarbons. Other sources of ROGs are emissions associated with the use of paints and solvents, the application of asphalt paving, and the use of household consumer products, such as aerosols.

The two major forms of NO_X are nitric oxide (NO) and NO_2. NO is a colorless, odorless gas formed from atmospheric nitrogen and oxygen when combustion takes place under high temperatures and/or high pressure. NO_2 is an irritating, reddish-brown gas formed by the combination of NO and oxygen. In addition to serving as an integral participant in ozone formation, NO_X also directly acts as an acute respiratory irritant and increases susceptibility to respiratory pathogens.

Ozone poses a higher risk to those who already suffer from respiratory diseases (e.g., asthma), children, older adults, and people who are active outdoors. Exposure to ozone at certain concentrations can make breathing more difficult, cause shortness of breath and coughing, inflame and damage the airways, aggregate lung diseases, increase the frequency of asthma attacks, and cause chronic obstructive pulmonary disease. Studies show associations between short-term ozone exposure and nonaccidental mortality, including deaths from respiratory issues. Studies also suggest that long-term exposure to ozone may increase the risk of respiratory-related deaths (EPA 2022b). The concentration of ozone at which health effects are observed depends on an individual's sensitivity, level of exertion (i.e., breathing rate), and duration of exposure. Studies show large individual differences in the intensity of symptomatic responses, with one study finding no symptoms to the least-responsive individual after a 2-hour exposure to 400 parts per billion of ozone and a 50 percent decrease in forced airway volume in the most responsive individual. Although the results vary, evidence suggests that sensitive populations (e.g., asthmatics) may be affected on days when the 8-hour maximum ozone concentration reaches 80 parts per billion (EPA 2022c).

In addition to human health effects, ozone has been tied to crop damage, typically in the form of stunted growth, leaf discoloration, cell damage, and death. Ozone can also act as a corrosive or oxidant, resulting in property damage, along with the degradation of rubber products and other materials.

Carbon Monoxide

CO is a colorless, odorless, and toxic gas produced by incomplete combustion of carbon substances, such as gasoline or diesel fuel. CO is considered a local pollutant because it tends to accumulate in the air locally. The primary adverse health effect associated with CO is interference with normal oxygen transfer to the blood, which may result in tissue oxygen deprivation. Exposure to CO at high concentrations can also cause fatigue, headaches, confusion, dizziness, and chest pain. There are no ecological or environmental effects for ambient CO (CARB 2019).

Particulate Matter

PM consists of finely divided solids or liquids, such as soot, dust, aerosols, fumes, and mists. Two forms of fine particulates are now recognized: respirable coarse particles with an aerodynamic diameter of 10 micrometers or less, or PM_{10}, and respirable fine particles with an aerodynamic diameter of 2.5 micrometers or less, or $PM_{2.5}$. Particulate discharge into the atmosphere results primarily from industrial, agricultural, construction, and transportation activities. However, wind on arid landscapes also contributes substantially to local particulate loading. PM is considered both a local and a regional pollutant.

Particulate pollution can be transported over long distances and may adversely affect humans, especially people who are naturally sensitive or susceptible to breathing problems (i.e., asthmatics). Numerous studies have linked PM exposure to premature death in people with preexisting heart or lung disease. Other symptoms of exposure may include nonfatal heart attacks, irregular heartbeats, aggravated asthma, decreased lung function, and increased respiratory symptoms. Depending on composition, PM_{10} and $PM_{2.5}$ can also affect water quality and acidity, deplete soil nutrients, damage sensitive forests and crops, affect ecosystem diversity, and contribute to acid rain (EPA 2022a).

Sulfur Dioxide

SO_2 is a colorless, irritating gas with a rotten egg smell, primarily formed from the combustion of fossil fuels containing sulfur. SO_2 is considered a local pollutant because it tends to accumulate in the air locally. High concentrations of SO_2 can result in temporary breathing impairment for asthmatic children and adults who are active outdoors. Short-term exposure of asthmatic individuals to elevated SO_2 levels during moderate activity may result in breathing difficulties that can be accompanied by symptoms like wheezing, chest tightness, or shortness of breath. Other effects that have been associated with longer-term exposures to high concentrations of SO_2, in conjunction with high levels of PM, include aggravation of existing cardiovascular disease, respiratory illness, and alterations in lung defenses. SO_2 also is a major precursor to $PM_{2.5}$, which is a significant health concern and a main contributor to poor visibility (see also the discussion of health effects of PM, above).

Lead

Lead is a naturally existing metal that can be a constituent of air, water, and the biosphere. Lead is considered a local pollutant because it tends to accumulate in the air locally. This highly toxic metal, used for many years in everyday products, has been found to lead to a range of health effects, from behavioral problems and learning disabilities to seizures and death. Effects on children's nervous systems are one of the primary health risk concerns from lead. When lead is present in high concentrations, children can even suffer irreversible brain damage and death. Children 6 years old and under are most at risk because their bodies are growing quickly.

Since the 1980s, lead has been phased out in gasoline, reduced in drinking water, reduced in industrial air pollution, and banned or limited in consumer products. Gasoline-powered automobile engines were a major source of airborne lead through the use of leaded fuels; however, the use of leaded fuel has been mostly phased out. Since then, ambient lead levels have dropped dramatically.

Other Criteria Pollutants

CARB has also established CAAQS for hydrogen sulfide (H_2S), sulfates, vinyl chloride, and visibility-reducing particles. These pollutants are not addressed by federal standards. Below is a summary of these pollutants and a description of their physical properties, health and other effects, sources, and the extent of the problems.

Hydrogen sulfide emissions often are associated with geothermal activity, oil and gas production, refining, sewage treatment plants, and confined animal-feeding operations. H_2S in the atmosphere would most likely oxidize into SO_2, which can lead to acid rain. At low concentrations, H_2S may cause dizziness, headaches, and irritation to the eyes, mucous membranes, and respiratory system. In high concentrations, H_2S is extremely hazardous (i.e., 800 parts per million can cause death), especially in enclosed spaces. The Occupational Safety and Health Administration (OSHA) has primary responsibility for regulating workplace exposure to H_2S.

Sulfates are another particulate product that results from the combustion of sulfur-containing fossil fuels; however, the majority of ambient sulfates are formed in the atmosphere. When SO_2 comes in contact with oxygen, it precipitates out into sulfates. Data collected in the Mojave Desert Air Basin have demonstrated that levels of sulfates are significantly lower than the health standards. The health effects associated with SO_2 and sulfates, more commonly known as sulfur oxides, include respiratory illnesses, decreased pulmonary disease resistance, and aggravation of cardiovascular diseases. When acidic pollutants and particulates are also present, SO_2 tends to have an even more toxic effect. Increased PM derived from SO_2 emissions also contributes to impaired visibility. In addition to particulates, sulfur trioxide and sulfate ions are precursors to acid rain; sulfur oxides and NO_X are the leading precursors to acid rain, which can lead to corrosion on human-made structures and cause acidification in water bodies.

Visibility-reducing particles consist of PM generated from a variety of natural and human-made sources. These can vary greatly in shape, size, and chemical composition. Some haze-causing particles (e.g., windblown dust and soot) are directly emitted into the air, whereas others are formed in the air from the chemical transformation of gaseous pollutants (e.g., sulfates, nitrates, organic carbon particles), which are the major constituents of fine PM. These fine particles, caused largely by the combustion of fuel, can travel hundreds of miles and cause visibility impairment. California has been labeled "unclassified" for visibility—CARB has not established a method for measuring visibility with the precision and accuracy needed to designate areas attainment or nonattainment.

Vinyl chloride is a colorless, sweet-smelling gas at ambient temperature. Landfills, publicly owned treatment works, and polyvinyl chloride production facilities are the major identified sources of vinyl chloride emissions in California. Polyvinyl chloride can be fabricated into several products, such as pipes, pipe fittings, and plastics. In humans, epidemiological studies of occupationally exposed workers have linked vinyl chloride exposure to development of liver angiosarcoma, a rare cancer, and have suggested a relationship between exposure and lung and brain cancers.

2.2.3 Local Criteria Pollutant Monitoring Data

A number of ambient air quality monitoring stations are located in the SFBAAB to monitor progress toward air quality standards attainment of the NAAQS and the CAAQS. There are no monitoring stations in San Francisco, but there is one monitoring station in San Francisco at 10 Arkansas Street, which is approximately 8 miles from the project site. Recent air quality monitoring results from the nearest monitoring station (Arkansas Street in San Francisco) are summarized in Table 2. The data represent air quality conditions from the last 3 years with a complete dataset available (2020–2022). As indicated in Table 2, the Arkansas Street monitoring station has experienced infrequent violations of State and federal air quality standards during this time period.

Table 2. Ambient Air Quality Monitoring Data from San Francisco-Arkansas Monitoring Station

Pollutant Standards	2020	2021	2022
Ozone			
Maximum 1-hour concentration (ppm)	0.088	0.074	0.070
Maximum 8-hour concentration (ppm)	0.055	0.054	0.060
Number of days standard exceeded[b]			
CAAQS 1-hour standard (> 0.09 ppm)	0	0	0
CAAQS 8-hour standard (> 0.070 ppm)	0	0	0
NAAQS 8-hour standard (> 0.075 ppm)	0	0	0
Carbon Monoxide (CO)			
Maximum 8-hour concentration (ppm)	1.6	0.9	1.0
Maximum 1-hour concentration (ppm)	1.8	1.2	1.5
Number of days standard exceeded[b]			
NAAQS 8-hour standard (> 9 ppm)	0	0	0
CAAQS 8-hour standard (> 9.0 ppm)	0	0	0
NAAQS 1-hour standard (> 35 ppm)	0	0	0
CAAQS 1-hour standard (> 20 ppm)	0	0	0
Nitrogen Dioxide (NO_2)			
State maximum 1-hour concentration (ppb)	47	49	46
State second-highest 1-hour concentration (ppb)	47	42	43
Annual average concentration (ppb)	8	7	8
Number of days standard exceeded[b]			
CAAQS 1-hour standard (180 ppb)	0	0	0
Particulate Matter (PM_{10})[a]			
National maximum 24-hour concentration (µg/m^3)	102.3	32.2	34.2
National second-highest 24-hour concentration µg/m^3)	58.0	26.4	28.5
State maximum 24-hour concentration µg/m^3)	105.0	33.0	36
State second-highest 24-hour concentration µg/m^3)	59.0	27.0	30
National annual average concentration µg/m^3)	12.0	8.2	7.7
State annual average concentration (µg/m^3)	23.3	16.1	*

Pollutant Standards	2020	2021	2022
Number of days standard exceeded[b]			
NAAQS 24-hour standard (> 150 µg/m³)	0	0	0
CAAQS 24-hour standard (> 50 µg/m³)	2	0	0
Particulate Matter ($PM_{2.5}$)			
National maximum 24-hour concentration (µg/m³)	147.3	22.4	29.0
National second-highest 24-hour concentration (µg/m³)	123.1	21.7	29.0
State maximum 24-hour concentration (µg/m³)	147.3	22.4	29.0
State second-highest 24-hour concentration (µg/m³)	123.1	21.7	29.0
National annual average concentration (µg/m³)	10.5	7.1	6.7
State annual average concentration (µg/m³)	10.5	*	6.8
Number of days standard exceeded[b]			
NAAQS 24-hour standard (> 35 µg/m³)	8	0	0

Source: California Air Resources Board 2021; U.S. Environmental Protection Agency 2021.

[a] Data for particulate matter (PM_{10}) were unavailable from the Redwood City monitoring station or anywhere else in San Mateo County; therefore, the data were taken from the San José – Jackson Street monitoring station in Santa Clara County.

[b] An exceedance is not necessarily a violation.

CAAQS = California Ambient Air Quality Standards; NAAQS = National Ambient Air Quality Standards; ppm = parts per million; ppb = parts per billion; µg/m³ = micrograms per cubic meter; * = data not available.

2.2.4 Attainment Designations

Local monitoring data, as included in Table 2, are used to designate areas as nonattainment, maintenance, attainment, or unclassified areas for the NAAQS and the CAAQS. The four designations are further defined as follows:

- **Nonattainment**. Assigned to areas where monitored pollutant concentrations violate the standard in question.
- **Maintenance**. Assigned to areas where monitored pollutant concentrations exceeded the standard in question in the past but are no longer in violation of that standard.
- **Attainment**. Assigned to areas where pollutant concentrations meet the standard in question over a designated period of time.
- **Unclassified**. Assigned to areas where data are inadequate for determining whether a pollutant is violating the standard in question.

Table 3 summarizes the attainment status for San Mateo County with regard to the NAAQS and the CAAQS. For ozone and $PM_{2.5}$, the county is in nonattainment for the federal standards, while, for PM_{10}, the county is in nonattainment for the State standard only.

Table 3. Federal and State Attainment Status for San Mateo County

Criteria Pollutant	Federal Designation	State Designation
Ozone (8-hour)	Marginal Nonattainment	Nonattainment
CO	Attainment	Attainment
PM_{10}	Attainment	Nonattainment
$PM_{2.5}$	Moderate Nonattainment	Nonattainment
NO_2	Attainment	Attainment
SO_2	Attainment	Attainment
Lead	Attainment	Attainment
Sulfates	(No Federal Standard)	Attainment
Hydrogen Sulfide	(No Federal Standard)	Unclassified
Visibility	(No Federal Standard)	Unclassified

Source: California Air Resources Board 2022e; U.S. Environmental Protection Agency 2023.
CO = carbon monoxide; NO_2 = nitrogen dioxide; $PM_{2.5}$ = particulate matter with a diameter less than or equal to 2.5 microns; PM_{10} = particulate matter with a diameter less than or equal to 10 microns; SO_2 = sulfur dioxide.

2.2.5 Toxic Air Contaminants

Although ambient air quality standards have been established for criteria pollutants, no ambient standards exist for TACs. Many pollutants are identified as TACs because of their potential to increase the risk of developing cancer or because of their acute or chronic health risks. For TACs that are known or suspected carcinogens, CARB has consistently found that there are no levels or thresholds below which exposure is risk free. Individual TACs vary greatly in the risks they present. At a given level of exposure, one TAC may pose a hazard that is many times greater than another. TACs are identified and their toxicity studied by OEHHA.

Diesel Particulate Matter

DPM is generated by diesel-fueled equipment and vehicles. Within the Bay Area, BAAQMD has found that, of all controlled TACs, emissions of DPM are responsible for about 85 percent of the total ambient cancer risk (BAAQMD 2023a). Short-term exposure to DPM can cause acute irritation (e.g., eye, throat, and bronchial), neurophysiological symptoms (e.g., lightheadedness and nausea), and respiratory symptoms (e.g., cough and phlegm). EPA has determined that diesel exhaust is "likely to be carcinogenic to humans by inhalation" (EPA 2003).

Type II Laboratory Toxic Air Contaminants

According to the HRA conducted by Yorke Engineering for the University of California, Davis 2017 Long-Range Development Plan, a Type II general biological sciences laboratory is known to emit a variety of TAC emissions (Yorke Engineering 2018). These TAC emissions would occur from the use of the different solvents, preservatives, acids, and other chemicals typically found in a laboratory setting.

Naturally Occurring Asbestos

Asbestos is the name given to several naturally occurring fibrous silicate minerals. Before the adverse health effects of asbestos were identified, asbestos was widely used as insulation and fireproofing in buildings; however, it can still be found in some older buildings. It is also found in its natural state in rock or soil. The inhalation of asbestos fibers into the lungs can result in a variety of adverse health effects, including inflammation of the lungs, respiratory ailments (e.g., asbestosis, which is scarring of lung tissue that results in constricted breathing), and cancer (e.g., lung cancer and mesothelioma, which is cancer of the linings of the lungs and abdomen).

2.2.6 Odors

Offensive odors can be unpleasant and lead to citizen complaints to local governments and air districts. According to the *Air Quality and Land Use Handbook* (CARB 2005), land uses associated with odor complaints typically include sewage treatment plants, landfills, recycling facilities, manufacturing plants, and agricultural operations. CARB provides recommended screening distances for siting new receptors near existing odor sources.

2.3 Impacts and Mitigation Measures

2.3.1 Methodology

Criteria pollutant emissions generated by construction activities were quantified using the California Emissions Estimator Model (CalEEMod), version 2022.1 (CAPCOA 2022). Assumptions related to construction activity and scheduling (i.e., construction phase start and end dates) were based on project-specific information provided by the project sponsor as well as model defaults where project-specific information was not available.

Construction

Construction of the south and north buildings would occur in separate stages but begin with a demolition/abatement phase that would involve construction activities on the entirety of the project site. Construction on the southern portion of the project site would occur during eight phases.

- Phase 1: Rough grading/site demolition (includes site clearing, shoring, grading, and mass excavation),
- Phase 2: Deep foundations,
- Phase 3: Foundations,
- Phase 4 Superstructure,
- Phase 5: Building enclosure,
- Phase 6: Interior buildout,
- Phase 7: Sitework, and
- Phase 8: Start-up/building commissioning and final inspections.

Immediately following the completion of construction on the southern portion of the project site, construction on the northern portion would begin, with the same phases.

Each phase would have a discrete start and end date. Based on input from the project sponsor, the analysis assumes that construction would occur 5 days a week, Monday through Friday. The construction assumptions for the project are summarized below. In addition, the data used in the construction analysis are provided in Attachment A of this report.

- **Heavy-Duty Construction Equipment**. The project sponsor provided information regarding the number of pieces of equipment, fuel type, engine tier, and hours per day for each phase of construction. Some equipment would be electrically powered, including the scissor lifts and manlifts. All construction equipment would be equipped with a Tier 4 Final engine, except for electrical equipment, which does not produce direct emissions. In addition, a diesel-powered drill rig would have a Tier 3 engine.
- **Construction Workers' Vehicle Trips**. Calculations of emissions from workers' vehicles were based on the CalEEMod default number for daily workers per phase, the number of trips per day (i.e., two one-way trips per worker), trip length (i.e., 12 miles one way), and fleet mix (e.g., light-duty autos and light-duty trucks) (CAPCOA 2022). Emissions were calculated in CalEEMod, which uses Emissions Factor 2021 (EMFAC2021) (CARB 2021a).
- **Construction Vendor Truck Trips**. Calculations of emissions from vendors' trucks were based on the number of daily vendors per phase, as provided by the project sponsor; the number of trips per day (i.e., two one-way trips), trip length (i.e., 8 miles one way), and fleet mix (e.g., heavy-heavy duty trucks, medium-heavy-duty trucks), then calculated in CalEEMod.
- **Construction Haul Truck Trips**. Calculations of emissions from haul trucks were based on the total number of haul trucks per phase, as provided by the project sponsor, for the rough grading/site demolition, deep foundations, foundations, superstructure, and building enclosure phases. Trip lengths and fleet mix (e.g., heavy-heavy duty trucks) were also considered. The total number of truck trips for each construction phase was calculated by multiplying the number of daily trips by the number of days for the construction phase.
- **Paving**. Paving activities would result in emissions of ROG from off-gassing. Each day, 0.5 acre on the project site would be paved during the sitework phase, resulting ultimately in a total paved area of about 71 acres.
- **Architectural Coating**. Architectural coating activities would also result in emissions of ROG from off-gassing. The activities would take place during the building enclosure and interior buildout phases.
- **Earthmoving**. Earthmoving activities would result in emissions of PM dust. Earthmoving would involve grading a maximum of 1.5 acres per day during the first phase (rough grading/site demolition) and 0.25 acre per day during the sitework phase. Soil would be both exported and imported during the rough grading/site demolition phase.
- **Demolition**. Demolition and removal of the existing structure would result in emissions of PM dust. A maximum of 25,000 sf of the existing structure would be demolished per day and exported off-site during the demolition phase.

It was assumed that BAAQMD Basic Construction Mitigation Measures would be implemented. The measures applicable to the proposed project are as follows (BAAQMD 2023a):

- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, unpaved access roads) shall be watered two times per day.
- All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
- All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- All vehicle speeds on unpaved roads shall be limited to 15 mph.
- All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
- All excavation, grading, and/or demolition activities shall be suspended when average wind speeds exceed 20 mph.
- All trucks and equipment, including their tires, shall be washed off prior to leaving the site.
- Unpaved roads providing access to sites located 100 feet or more from a paved road shall be treated with a 6- to 12-inch layer of compacted layer of wood chips, mulch, or gravel.
- Publicly visible signs shall be posted with the telephone number and name of the person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The air district's general air pollution complaints number shall also be visible to ensure compliance with applicable regulations.

Operations

Operations of the project would generate emissions of ROG, NO_X, PM_{10}, and $PM_{2.5}$ that could result in long-term air quality effects. Existing uses at the project site generate emissions of the same pollutants. The methodologies used to estimate criteria pollutant emissions resulting from operation of the project as well as existing uses are described below.

Criteria pollutant emissions from motor vehicles associated with development of the project were evaluated using CalEEMod, which uses emission factors from EMFAC2021, along with estimates of VMT provided by the transportation consultants for the project.

For operational energy use, CalEEMod estimates criteria pollutant emissions from the on-site combustion of natural gas but not from electricity consumption. The project sponsor provided electricity consumption estimates for the proposed uses; CalEEMod default values were used for the existing uses. Because existing uses on the site are all electric and the proposed buildings would be all electric, there would be no direct energy-related emissions.

Area-source emissions would result from the reapplication of architectural coatings as part of ongoing building maintenance, the use of consumer products, and the use of landscaping equipment. CalEEMod default values were used for both the proposed uses and existing uses.

Stationary-source emissions would result from the testing of 24 diesel-powered emergency generators with a 671-horsepower rating. Each generator was assumed to operate 150 hours per year during scheduled testing.

Health Risk Analysis

An HRA was prepared to quantify the levels of exposure from emissions of TACs and $PM_{2.5}$ at sensitive receptors and future on-site receptors from both project construction and operation. The HRA methods are described below. All HRA modeling assumptions and results can be found in Appendix A.

DPM and $PM_{2.5}$

The project would generate DPM and $PM_{2.5}$ emissions during construction and operations. Because the project would introduce DPM and $PM_{2.5}$ emissions in an area near existing sensitive receptors, an HRA was conducted in accordance with BAAQMD guidelines. The HRA uses the most recent air dispersion model, AERMOD (version 23132),[6] from EPA; the cancer and chronic risk assessment values for DPM provided by OEHHA; and assumptions for model inputs recommended in BAAQMD's *Air Quality Guidelines,* Appendix E (BAAQMD 2023b). The HRA, which applies the most recent guidance and calculation methods from OEHHA's *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments* (OEHHA 2015), consists of three parts: an emissions inventory, air dispersion modeling, and risk calculations. A description of each part is provided below.

Emissions Inventory

The emissions inventory includes DPM and $PM_{2.5}$ emissions from construction and operations. During construction, off-road equipment and on-road trucks would generate DPM emissions. The construction $PM_{2.5}$ inventory consists of $PM_{2.5}$ emissions from equipment, fugitive dust generated from the on-site movement of soil, and exhaust from trucks and construction workers' vehicles on roadways.

The operational DPM inventory includes $PM_{2.5}$ emissions from testing the emergency generators. The operational $PM_{2.5}$ inventory consists of $PM_{2.5}$ emissions from diesel sources, fugitive dust from vehicles traveling to and from the site on roadways, and exhaust from vehicles, both gasoline and diesel powered, traveling to and from the site.

Air Dispersion Modeling

The HRA used EPA's AERMOD model to model annual average DPM and $PM_{2.5}$ concentrations at existing and future on-site receptors. Modeling inputs, including emission rates and source characteristics (e.g., release height, stack diameter, plume width), were based on guidance provided by OEHHA, BAAQMD, and the South Coast Air Quality Management District (SCAQMD).[7]

The project site is located near the San Francisco International Airport monitoring station, which collects meteorological data. The AERMET data, provided by BAAQMD, represents 2013 through 2017 monitoring.[8]

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6 U.S. Environmental Protection Agency. 2023b. *American Meteorological Society/Environmental Protection Agency Regulatory Model Improvement Committee Modeling System (AERMOD).* Version 23132. Available: https://www.epa.gov/scram/air-quality-dispersion-modeling-preferred-and-recommended-models#aermod. Accessed: February 22, 2024.

7 Certain information necessary for modeling, such as source parameters (e.g., source heights), is not available from BAAQMD but is provided by SCAQMD. These parameters do not depend on a project's geographic location and are appropriate for use in areas outside of SCAQMD's jurisdiction.

8 Bay Area Air Quality Management District. 2022. *AERMOD-Ready Meteorological Data*. November. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools/ceqa-modeling-data. Accessed: December 2022.

Construction

On-site construction emissions from off-road equipment were characterized as a polygon area source that outlines the footprint of the two different development areas (Infinite 131 South and North). A release height of 5.0 meters represented exhaust emissions, and a release height of 0.9 meter represented on-site fugitive dust emissions. The release height represents the height above the ground at which pollutants are emitted. On-road travel emissions from haul and vendors' trucks (for DPM and $PM_{2.5}$) as well as construction workers' vehicles (for $PM_{2.5}$) were characterized as line volume sources with a release height of 3.4 meters. Line volume sources represent a series of individual volumes sources.

To account for the plume rise associated with mechanically generated air turbulence from construction emissions for the AERMOD run, the initial vertical dimension of the area source was modeled at 4.7 meters for exhaust and 0.8 meter for fugitive dust; for the line volume sources, the initial vertical dimension was 3.2 meters. Plume rise is the height that pollutants rise above a release height. For exhaust, plume rise occurs because of the temperature of the exhaust gas and because exhaust gas temperatures can be high, which causes the plume to rise. For dust, plume rise accounts for the mechanical entrainment of dust in the wheels of equipment and trucks. Emissions from off-road equipment were assumed to be generated throughout the construction footprint. Emissions from off-site trucks were modeled along the road segments adjacent to the construction footprint.

Modeling Domain and Receptor Network

The modeling of emissions from construction activities was based on typical construction hours and days (i.e., 8 hours per day, 5 days per week). The urban dispersion option was used in the analysis because the project site is in an urban area. In addition, the surrounding areas are developed with buildings and paved surfaces that can influence how pollutants are dispersed in the area.

Off-site sensitive receptors were modeled in AERMOD at individual work sites in all directions within at least 1,000 feet of the project site using a 20- by 20-meter receptor grid. On-site sensitive receptors were modeled at the locations of the future buildings in the two different development areas. Worker receptors were modeled at the Infinite 131 South building. Receptors were given a height of 1.5 meters to represent the average human breathing zone, consistent with BAAQMD guidance.[9]

Operations

Operations would generate DPM and $PM_{2.5}$ from vehicle travel and the testing of the twenty-four 671-horsepower EPA Tier 3 emergency generators. For the $PM_{2.5}$ analysis, on-road travel emissions from delivery trucks, buses, and other vehicles accessing the site were characterized as line-volume sources, with release heights of 0.9 meter for fugitive dust emissions and 3.4 meters for exhaust emissions. To account for plume rise associated with mechanically generated air turbulence from operational emissions for the AERMOD run, the initial vertical dimension for the line-volume sources was set as 3.2 meters for exhaust and 0.8 meter for fugitive dust.

[9] Bay Area Air Quality Management District. 2022. *Air Quality Guidelines Appendix E: Recommended Methods For Screening and Modeling Local Risks and Hazards*. Available: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?rev=b8917a27345a4a629fc18fc8650951e4&sc_lang=en. Accessed: January 10, 2023.

Similar to construction, the urban dispersion option considered the project site's characteristics. Off-site sensitive receptors were modeled in AERMOD at individual work sites in all directions within 1,000 feet of the project site using a 20- by 20-meter receptor grid. On-site sensitive receptors were modeled at the locations of the future buildings in the two different areas. Day-care receptors were modeled for the day-care building; worker receptors were modeled for the buildings in I131N and I131S. Receptors were given a height of 1.5 meters to represent the average human breathing zone, consistent with BAAQMD guidance.[10]

Health Risk Exposure Estimation

The risk calculations incorporate OEHHA's age sensitivity factors, which account for increased sensitivity to carcinogens during early-in-life exposure. The approach for estimating cancer risk from long-term inhalation, including exposure to carcinogens, requires calculating a range of potential doses and multiplying by cancer potency factors in units corresponding to the inverse dose to obtain a range of cancer risks. For cancer risk, the risk for each age group is calculated using the appropriate daily breathing rates, age sensitivity factors, and exposure durations. The cancer risks calculated for individual age groups are summed to estimate the cancer risk for each receptor. Chronic cancer and chronic and acute hazard risks were calculated using values from OEHHA's 2015 HRA guidance.[11]

2.3.2 Thresholds of Significance

This analysis first considers whether the proposed project would conflict with the most recent air quality plan (BAAQMD 2017). Specifically, the impact analysis evaluates whether the project would support the primary goals of the 2017 Clean Air Plan, including applicable control measures, and whether it would disrupt or hinder implementation of any control measures. Secondly, the calculated regional criteria pollutant emissions are compared to BAAQMD's project-level thresholds (BAAQMD 2023a). BAAQMD's thresholds, as summarized in Table 4, are recommended by the agency to evaluate the significance of a project's regional criteria pollutant emissions. According to BAAQMD, projects with emissions in excess of the thresholds shown in Table 4 would be expected to have a significant cumulative impact on regional air quality because an exceedance of the thresholds is anticipated to contribute to NAAQS and CAAQS violations.

Localized Project-Generated Criteria Pollutant Emissions (Carbon Monoxide and Particulate Matter) and Air Toxics (Diesel Particulate Matter)

Localized pollutants generated by a project can be deposited near the emissions source, potentially affecting the nearby population. Although these pollutants dissipate with distance, emissions from individual projects can result in direct and material health impacts on adjacent sensitive receptors. The localized pollutants of concern that would be generated by the project are CO, PM, and DPM. The applicable thresholds for each pollutant are described below.

[10] Ibid.

[11] Office of Environmental Health Hazard Assessment. 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments.* February. Available: https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf. Accessed: April 15, 2021.

Table 4. BAAQMD Project-Level Regional Criteria Pollutant Emissions Thresholds

Analysis	Thresholds
Regional Criteria Pollutants (Construction)	• Reactive Organic Gases: 54 pounds/day • Nitrogen Oxides: 54 pounds/day • Particulate Matter: 82 pounds/day (exhaust only); compliance with best management practices (fugitive dust) • Fine Particulate Matter: 54 pounds/day (exhaust only); compliance with best management practices (fugitive dust)
Regional Criteria Pollutants (Operations)	• Reactive Organic Gases: Same as construction • Nitrogen Oxides: Same as construction • Particulate Matter: 82 pounds/day • Fine Particulate Matter: 54 pounds/day

Source: Bay Area Air Quality Management District 2023.

Carbon Monoxide

Heavy traffic congestion can contribute to high levels of CO. Individuals exposed to such "hot spots" may have a greater likelihood of developing adverse health effects. BAAQMD has adopted screening criteria that provide a conservative indication of whether project-generated traffic would cause a potential CO hot spot. If the screening criteria are not met, a quantitative analysis, through site-specific dispersion modeling of project-related CO concentrations, would not be necessary. A project would not cause localized violations of the CAAQS for CO if the BAAQMD's CO screening criteria, summarized below, are met (BAAQMD 2023a).

- The project traffic would not increase traffic volumes at affected intersections to more than 44,000 vehicles per hour.
- The project traffic would not increase traffic volumes at affected intersections to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., a tunnel, parking garage, bridge underpass, natural or urban street canyon, below-grade roadway).
- The project would be consistent with an applicable congestion management program established by the county congestion management agency for designated roads or highways, the regional transportation plan, and local congestion management agency plans.

BAAQMD does not consider construction-generated CO to be a significant pollutant of concern because construction activities typically do not generate substantial quantities of this particular pollutant (BAAQMD 2023a).

Particulate Matter

BAAQMD adopted an incremental $PM_{2.5}$ concentration-based significance threshold in which a "substantial" contribution at the project level for an individual source is defined as total (i.e., exhaust and fugitive) $PM_{2.5}$ concentrations exceeding 0.3 microgram per cubic meter ($\mu g/m^3$). In addition, BAAQMD considers projects to have a cumulatively considerable $PM_{2.5}$ impact if sensitive receptors are exposed to $PM_{2.5}$ concentrations from local sources within 1,000 feet, including existing sources, project-related sources, and reasonably foreseeable future sources, that exceed 0.8 $\mu g/m^3$ (BAAQMD 2023a).

Diesel Particle Matter

DPM has been identified as a TAC. It is particularly concerning because long-term exposure can lead to cancer, birth defects, and damage to the brain and nervous systems. BAAQMD has adopted incremental cancer and hazard thresholds to evaluate receptor exposure to single sources of DPM emissions. The "substantial" DPM threshold defined by BAAQMD is exposure of a sensitive receptor to an individual emissions source, resulting in an excess cancer risk level of more than 10 in 1 million or a non-cancer (i.e., chronic or acute) hazard index greater than 1.0. BAAQMD also considers projects to have a cumulatively considerable DPM impact if they contribute to DPM emissions that, when combined with cumulative sources within 1,000 feet of sensitive receptors, result in excess cancer risk levels of more than 100 in 1 million or a hazard index greater than 10.0. (BAAQMD 2023a).

Asbestos

BAAQMD considers a project to have a significant impact if it does not comply with the applicable regulatory requirements outlined in BAAQMD's Regulation 11, Rule 2.

Odors

BAAQMD and CARB have identified several types of land uses as being commonly associated with odors, such as landfills, wastewater treatment facilities, and animal processing centers (BAAQMD 2023; CARB 2005). BAAQMD's CEQA Air Quality Guidelines recommend that project analyses identify the locations of existing and planned odor sources and include policies to reduce potential odor impacts in the project area (BAAQMD 2023a).

2.3.3 Project Impacts

Applicable Air Quality Plan Consistency

The CAA requires a SIP or an air quality control plan to be prepared for areas where air quality violates the NAAQS. The SIP sets forth the strategies and pollution control measures that states will use to attain the NAAQS. The CCAA requires attainment plans to demonstrate a 5 percent per year reduction in nonattainment air pollutants or their precursors, averaged every consecutive 3-year period, unless an approved alternative measure of progress is developed. Air quality attainment plans outline emissions limits and control measures to achieve and maintain these standards by the earliest practical date.

Consistency with the Bay Area 2017 Clean Air Plan

As described above, the current air quality attainment plan for the SFBAAB is BAAQMD's 2017 Clean Air Plan, which defines control strategies to reduce emissions and ambient concentrations of air pollutants; safeguards public health by reducing exposure to air pollutants that pose the greatest health risk, with an emphasis on protecting the communities most heavily affected by air pollution; and reduces GHG emissions to protect the climate. According to the BAAQMD CEQA Air Quality Guidelines, the determination of 2017 Clean Air Plan consistency should consider the following for project-level analyses.

- Does the project support the primary goals of the air quality plan?

The primary goals of the 2017 Clean Air Plan are

- **Protect Air Quality and Health at the Regional and Local Scale**: Attain all State and national air quality standards and eliminate disparities among Bay Area communities in the cancer health risk from TACs; and
- **Protect the Climate**: Reduce Bay Area GHG emissions to 40 percent below 1990 levels by 2030 and 80 percent below 1990 levels by 2050.

The proposed project would support the primary goals of the 2017 Clean Air Plan because it would redevelop a site with two-story industrial buildings and a large parking lot and densify the area through the construction of multi-story R&D buildings. Furthermore, the nearest bus stop is within 0.5 mile, at Herman Street and Pacific Avenue, which would encourage future employees to use public transportation.

The proposed project would include other features that would support a sustainable building design and a reduction in GHG emissions. Specifically, the proposed project would install a photovoltaic (PV) roof canopy and provide continuous bike and pedestrian access throughout the campus. Furthermore, the proposed project would comply with all applicable City and State measures, including Title 24, Part 6, of the California Energy Code, the baseline standard requirements for energy efficiency.

- Does the project include applicable control measures from the air quality plan?

To meet the primary goals, the 2017 Clean Air Plan recommends specific control measures and actions. These control measures are grouped into various categories that include stationary-source measures, mobile-source measures, and transportation control measures. The 2017 Clean Air Plan recognizes that community design dictates individual travel mode and that a key long-term control strategy to reduce emissions of criteria pollutants, air toxics, and GHGs from motor vehicles is to channel future Bay Area growth into vibrant urban communities where goods and services are close at hand and people have a range of viable transportation options. To that end, the 2017 Clean Air Plan includes control measures that are aimed at reducing air pollution in the SFBAAB.

The proposed project would support TR9, Bicycle and Pedestrian Access and Facilities, because it would improve conditions for walking and biking by providing on-site bicycle racks/lockers, providing long-term bicycle racks for workers, and orienting buildings to be sidewalk-facing, with multiple pedestrian entrances. In addition, the proposed project would support TR22, Construction, Freight, and Farming Equipment, because all off-road construction equipment associated with the project would include either electric or equipped with Tier 3 or Tier 4 engines.

The proposed project would also support TR2, Trip Reduction Programs, because it would comply with the City's Transportation Demand Management (TDM) ordinance to reduce operational VMT and related criteria pollutants, along with air toxics and GHG emissions.

Finally, the proposed project would support TCM-D3, Local Land Use Strategies, because it would replace an existing parking structure and two-story industrial buildings with an employment center located within 0.5 mile of the nearest bus stop, at Herman Street and Pacific Avenue. This would encourage future employees to use public transportation.

- Does the project disrupt or hinder implementation of any air quality plan control measures?

The proposed project does not hinder implementation of any control measures in the 2017 Clean Air Plan. Rather, the project supports and includes TR9, Bicycle and Pedestrian Access, and TCM-D3, Local Land Use Strategies. Other control measures are not applicable to the project, such as those involving stationary sources or those that are policies for BAAQMD to adopt. Although the measures are not applicable, the project would not hinder the measures from being implemented.

Conclusion

Based on the discussion above, the proposed project would support the primary goals of the 2017 Clean Air Plan, would incorporate all applicable control measures, and would not disrupt or hinder implementation of any control measures. Thus, the proposed project would not conflict with or obstruct implementation of the 2017 Clean Air Plan.

Mass Emissions of Criteria Air Pollutant Impacts

The mass emissions thresholds developed by BAAQMD to assess the potential for a project to violate local air quality standards or contribute to an air quality standard violation correlate with the planned increases in air pollutant emissions assumed in the 2017 Clean Air Plan. According to the BAAQMD, projects with emissions in excess of the thresholds would be expected to have a significant cumulative impact on regional air quality because an exceedance of the thresholds is anticipated to contribute to CAAQS and NAAQS violations.

Construction Impacts

Project construction has the potential to create air quality impacts through the use of heavy-duty construction equipment, along with construction workers' vehicle trips, on-road truck trips, paving operations, and the application of architectural coatings. In addition, fugitive dust emissions would result from removal of the existing structures and earthmoving activities. However, emissions may vary substantially, depending on the level of activity, length of the individual construction activity, the types of equipment, number of personnel, and soil moisture content.

Construction-related emissions for the proposed project have been calculated using the methods described above. To evaluate construction emissions, it was assumed that the BAAQMD's fugitive dust control measures would be implemented, as required for all development occurring within BAAQMD's jurisdiction, as well as the City's standard conditions of approval.[12] Estimated construction emissions for the project assume implementation of the measures, as summarized by year in Table 5. Emissions are presented for each year of construction to capture the sum of emissions from the multiple activity categories occurring within the same year.

[12] The City's standard conditions of approval related to dust include Condition 12 ("The construction and permitted use on the property shall be so conducted as to reduce to a minimum any noise vibration or dust resulting from the operation"), and Condition 15 ("Prior to any on-site grading, a grading permit shall be obtained from the City Engineer").

Table 5. Average Daily Construction Criteria Pollutant Emissions from the Proposed Project (pounds per day)[a,b]

Construction Year (and building)	ROG	NO_X	PM_{10} Exhaust	$PM_{2.5}$ Exhaust
2026 (I131S)	2	18	< 1	< 1
2027 (I131S)	20	14	< 1	< 1
2028 (I131S & I131N)	8	9	< 1	< 1
2029 (I131N)	8	16	< 1	< 1
2030 (I131N)	19	12	< 1	< 1
2031 (I131N)	2	3	< 1	< 1
BAAQMD threshold	54	54	82	54
Exceeds threshold?	No	No	No	No

[a.] Emissions are rounded to the nearest whole number.
[b.] The modeling output files are included in Appendix A of this report.

As shown in Table 5, emissions would be below the BAAQMD threshold for all pollutant emissions for all years. As noted above, best management practices during construction activities would be implemented in accordance with BAAQMD guidelines as well as the City's standard conditions of approval.

Operational Impacts

Operation of the proposed project would generate emissions from area, mobile, energy, stationary, and laboratory sources. Each of these sources was included in the quantification of the project's long-term operational emissions, as described below.

Stationary-, Mobile-, and Area-Source Emissions

The proposed project would result in stationary-source emissions from operation of 24 emergency diesel generators, which would be used in the event of power grid failure. The generators would use Tier 2 engines. Mobile-source emissions would be generated from daily employee trips to and from the project site. Area-source emissions would occur from the use of consumer products, architectural coatings, and landscaping equipment. Lastly, laboratory operations would emit fugitive ROG emissions. Daily unmitigated operational emissions are shown in Table 6 and compared to the applicable BAAQMD thresholds.

The net effect of the proposed project is determined by calculating operational emissions from the existing land uses to be replaced by the proposed project and subtracting those from the proposed project's estimated operational emissions. Table 6 shows existing land use emissions, the proposed project's unmitigated emissions, and the difference between the two, which is the net effect of the proposed project.

Table 6. Average Daily Net Operational Criteria Pollutant Emissions (pounds per day)[a,b,c]

Source	ROG	NO_X	PM_{10}	$PM_{2.5}$
Existing Land Uses				
Area sources	< 1	—	—	—
Energy sources[c]	—	—	—	—
Mobile sources	2	2	4	1
Total Existing	**2**	**2**	**4**	**1**
Unmitigated Proposed Project				
Area sources	51	—	—	—
Energy sources[d]	—	—	—	—
Mobile sources	19	18	73	19
Stationary sources	11	30	2	2
Laboratory sources	12	—	—	—
Vegetation	< -1	<-1	< -1	< -1
Total Project	**93**	**48**	**74**	**20**
Net Project Emissions	**91**	**46**	**70**	**19**
BAAQMD threshold	54	54	82	82
Exceeds threshold?	Yes	No	No	No

a. Emissions are rounded to the nearest whole number.
b. The modeling output files are included in Appendix A of this report.
c. Exceedances of the thresholds are underlined.
d. Because existing uses on the site are all electric and the proposed buildings would be all electric, there would be no direct energy-related emissions

As shown in Table 6, unmitigated daily ROG emissions would exceed BAAQMD's threshold, but no other pollutants would exceed the thresholds. For ROG, the threshold would be exceeded by approximately 37 pounds per day. Area-source emissions, as shown in Table 6, contribute the largest quantity of emissions (51 pounds per day). These emissions are primarily from the use of consumer products, such as cleaning products, within the buildings. Other area sources of ROG emissions include landscaping equipment and off-gassing from architectural coatings (i.e. paint). Mobile, stationary, and laboratory sources generate lesser quantities of ROG emissions but still contribute to the exceedance. To reduce emissions of ROG, the project sponsor would need to implement the measures outlined below.

- **Measure AQ-1: Require Low-VOC Coatings during Project Operation.** The project sponsor shall require contractors, as a condition of contract, to reduce construction-related fugitive ROG emissions by ensuring that low-VOC coatings with a VOC content of 50 grams per liter or less are used during operation.
- **Measure AQ-2: Require Low-VOC Cleaning Supplies.** The project sponsor shall provide educational resources for tenants concerning zero- or low-VOC cleaning products. Prior to receipt of any certificate of final occupancy, the project sponsor shall work with the City of South San Francisco to develop the electronic correspondence to be distributed by email to new commercial tenants regarding a requirement to purchase cleaning products that generate less than the typical VOC emissions.

- **Measure AQ-3: Require Use of Zero-Emission Landscape Equipment.** The project sponsor shall provide educational resources for tenants concerning zero-emission landscape equipment. The project sponsor, as a condition of contract, shall require all tenants to use only electric landscaping equipment throughout project operation to reduce ROG, NOX, PM10, and PM2.5 emissions.

With implementation of these measures ROG emissions would be reduced because the products used, such as coatings and cleaning products, would result in less off-gassing of ROG compared to typical products. In addition, ROGs and other pollutants from combustion associated with landscaping equipment would be eliminated through the use of zero-emission equipment.

Table 7 shows existing land use emissions as well as the project's emissions with the measures above implemented.

Table 7. Average Daily Net Operational Criteria Pollutant Emissions with Measures Implemented (pounds per day)[a,b,c]

Source	ROG	NO_X	PM_{10}	$PM_{2.5}$
Existing Land Uses				
Area sources	< 1	—	—	—
Energy sources[c]	—	—	—	—
Mobile sources	2	2	4	1
Total Existing	**2**	**2**	**4**	**1**
Mitigated Proposed Project				
Area sources	36	—	—	—
Energy sources[c]	—	—	—	—
Mobile sources	19	18	73	19
Stationary sources	11	30	2	2
Laboratory sources	12	—	—	—
Vegetation	< -1	< -1	<-1	< -1
Total Project	**78**	**48**	**74**	**20**
Net Project Emissions	**76**	**46**	**70**	**19**
BAAQMD threshold	54	54	82	82
Exceeds threshold?	Yes	No	No	No

a. Emissions are rounded to the nearest whole number.
b. The modeling output files are included in Appendix A of this report.
c. Exceedances of the thresholds are underlined.

As shown in Table 7, net emissions of ROG would still exceed BAAQMD's threshold with the measure implemented. Area sources would still contribute approximately 36 pounds of ROG per day. There are no additional measures to reduce these emissions further. As such, operation of the proposed project would generate ROG emissions in excess of BAAQMD's numeric thresholds.

Community Risk Impacts

Criteria Air Pollutants

Adverse health effects induced by regional criteria pollutants, such as ozone precursors and PM, generated by the project are highly dependent on a multitude of interconnected variables (e.g., cumulative concentrations, local meteorology and atmospheric conditions, the number and character of exposed individuals [e.g., age, gender]). Ozone precursors (ROG and NO_X) contribute to the formation of ground-borne ozone on a regional scale. Emissions of ROG and NO_X generated in one area may not equate to a specific ozone concentration in that same area. Similarly, some types of particulate pollution may be transported over long distances or formed through atmospheric reactions. As such, the magnitude and locations of specific health effects from exposure to increased ozone or regional PM concentrations are the product of emissions generated by numerous sources throughout a region as opposed to a single individual project. Moreover, exposure to regional air pollution does not guarantee that an individual will experience an adverse health effect. As discussed above, there are large individual differences in the intensity of symptomatic responses to air pollutants. These differences are influenced, in part, by the underlying health condition of an individual, which cannot be known.

Models and tools have been developed to correlate regional criteria pollutant emissions to potential community health impacts. Although models are capable of quantifying ozone and secondary PM formation and associated health effects, these tools were developed to support regional planning and policy analysis and have limited sensitivity to small changes in criteria pollutant concentrations induced by individual projects.

As discussed above, BAAQMD's regional thresholds consider existing air quality concentrations and attainment or nonattainment designations under the NAAQS and CAAQS. The NAAQS and CAAQS are informed by a wide range of scientific evidence that demonstrates that there are known safe concentrations of criteria pollutants. Although BAAQMD recognizes that air quality is a cumulative problem, it considers projects that generate criteria pollutant and ozone precursor emissions that fall below the thresholds to be minor in nature; therefore, such projects would not adversely affect air quality to the extent that the health-protective NAAQS or CAAQS would be exceeded.

Regional emissions generated by a project could increase photochemical reactions and the formation of tropospheric ozone and secondary PM, which, at certain concentrations, could lead to increased incidences of specific health consequences. The project would result in ROG emissions that would exceed the thresholds of significance; thus, the criteria pollutant applicable to potential health effects would be ozone because ROG is considered an ozone precursor that results in ozone formation after being emitted. Ozone is a secondary air pollutant produced in the atmosphere through a complex series of photochemical reactions involving ROG (and NO_X) in the presence of sunlight.

Quantitative analysis of health outcomes resulting from emissions from a large project in San José has demonstrated that the individual project contribution toward health outcomes is minimal relative to background occurrences . For that project, the highest emissions of ROG, NO_X, PM_{10}, and $PM_{2.5}$ were 389 pounds per day, 258 pounds per day , 237 pounds per day , and 56 pounds per day (ESA 2020), respectively, which are substantially higher levels of emissions compared with the proposed project's emissions. In addition, the proposed project would not result in a threshold exceedance with respect to ROG emissions. The health outcomes for the project in San José were found to be a very small proportion of background incidences (ESA 2020); thus, any health outcomes for the proposed project would very likely be even smaller and much less than the background occurrences.

Diesel Particulate Matter and Localized $PM_{2.5}$

DPM is a carcinogen emitted by diesel internal-combustion engines. Project-related construction activities would generate DPM (i.e., PM_{10} exhaust from diesel vehicles)[13] from off-road equipment and heavy-duty trucks. $PM_{2.5}$ exhaust and fugitive dust emissions would be generated from off-road equipment, on-site material movement, and on-road travel by heavy-duty trucks and workers' vehicles. Operational sources of $PM_{2.5}$ exhaust and fugitive dust emissions would be generated by emergency generators and employees' vehicles.

Health impacts from exposure to DPM include cancer risks and chronic non-cancer risks. The HRA for the proposed project, which was conducted using the methods described above, includes an evaluation of annual concentrations of DPM emissions and $PM_{2.5}$ emissions from exhaust and fugitive dust sources. Table 8 presents the maximum construction and operational health risks resulting from exposure to DPM and $PM_{2.5}$ for worker and day-care receptors within 1,000 feet of the project site. Annual PM2.5 concentrations are also presented. For worker receptors, the cancer risk values reflect an exposure duration of 5 years for construction and 20 years for operations. For future day-care receptors who will be on-site after construction is completed, the cancer risk values represent 5 years of operations.

Table 8. Estimated Project-Level Health Risk Results

Receptor Type	Cancer Risk (cases per million)[a]	Hazard Index: Non-Cancer Chronic Risk[b]	Hazard Index: Non-Cancer Acute Risk[b]	Annual $PM_{2.5}$ Concentrations ($\mu g/m^3$) [b]
Worker (cancer risk MEI)[c]	9.8	0.10	0.01	0.40
Worker ($PM_{2.5}$ concentration MEI)	4.9	0.10	0.01	0.49
Day care (cancer risk MEI)	3.2	0.01	0.01	0.06
Day care ($PM_{2.5}$ concentration MEI)	2.7	0.01	0.01	0.07
BAAQMD significance threshold	**10**	**1.0**	**1.0**	**0.3**
Exceeds threshold?	***No***	***No***	***No***	***Yes***

Notes:

$\mu g/m^3$ = micrograms per cubic meter; $PM_{2.5}$ = particulate matter with an aerodynamic diameter of 2.5 or less

a. For worker receptors, the evaluation of cancer risk was modeled for an exposure duration of 5 years for construction and 20 years for operation. For day-care receptors, the evaluation of cancer risk was modeled for an exposure duration of 5 years for operation.

b. Non-cancer chronic hazard index and annual $PM_{2.5}$ concentrations were based solely on annual construction and operational emissions. Non-cancer acute hazard index concentrations were based on 1-hour operational emissions.

c. MEI = maximally exposed individual

As shown in Table 8, the cancer risk and the hazard index values would not exceed BAAQMD thresholds for either worker or day-care receptors. The highest cancer risk, 9.8 cases per million, which would occur during construction at the locations of worker receptors, would be below the threshold of 10 cases per million. The highest hazard index value (0.1) would also occur during construction at the locations of worker receptors and be well below the threshold of 1.0. However, annual $PM_{2.5}$ concentrations would exceed the BAAQMD threshold of 0.3 $\mu g/m^3$. The highest value would be approximately 0.5 $\mu g/m^3$, which would be the result of dust and exhaust generated during

[13] Per BAAQMD guidance, PM_{10} exhaust is used as a surrogate for DPM.

construction that could affect workers. For day-care receptors, the $PM_{2.5}$ concentrations are much lower because those receptors would be exposed only to operational sources of $PM_{2.5}$, which would generate fewer emissions than construction sources at the locations of day-care receptors. Accordingly, sensitive worker receptors would be exposed to substantial concentrations of $PM_{2.5}$ during construction. To reduce $PM_{2.5}$ concentrations during construction, the project sponsor would need to implement the measure outlined below.

Measure AQ-4: Implement Construction Mitigation Measures to Reduce Dust Emissions. The project sponsor shall require all construction contractors to implement the dust-reducing measures listed below, which are based on BAAQMD's Basic Best Management Practices for Construction-Related Fugitive Dust Emissions but include more stringent measures to obtain greater reductions. The project sponsor shall provide documentation to the City of South San Francisco that the construction measures have been reflected in all construction contracts prior to the commencement of project construction activities.

- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, unpaved access roads) shall be watered at least three times per day to maintain a minimum soil moisture of 12 percent. Moisture content can be verified by lab samples or a moisture probe.
- All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
- All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited. Paved roads shall otherwise be swept once per month.
- All vehicle speeds on unpaved roads shall be limited to 15 mph.
- Paving of all roadways, driveways, and sidewalks shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading, unless seeding or soil binders are used.
- All excavation, grading, and/or demolition activities shall be suspended when average wind speeds exceed 20 mph.
- All trucks and equipment, including their tires, shall be washed off prior to leaving the site.
- Unpaved roads providing access to sites located 100 feet or more from a paved road shall be treated with a 6- to 12-inch layer of compacted layer of wood chips, mulch, or gravel.
- A publicly visible sign shall be posted with the name and telephone number of the person to contact at the City regarding dust complaints. That person shall respond and take corrective action within 48 hours. The air district's phone number shall also be visible to ensure compliance with applicable regulations.

Table 9 presents the maximum construction and operational health risks resulting from exposure to DPM and $PM_{2.5}$ for worker and day-care receptors within 1,000 feet of the project site with implementation of measures to reduce fugitive dust emissions during construction.

Table 9. Estimated Project-Level Health Risk Results with Measures Implemented

Receptor Type	Cancer Risk (cases per million)[a]	Hazard Index: Non-Cancer Chronic Risk[b]	Hazard Index: Non-Cancer Acute Risk[b]	Annual $PM_{2.5}$ Concentrations ($\mu g/m^3$)[b]
Worker (cancer risk MEI)[c]	9.8	0.10	0.01	0.31
Worker ($PM_{2.5}$ concentration MEI)	2.4	0.01	0.01	0.46
Day care (cancer risk MEI)	3.2	0.01	0.01	0.06
Day care ($PM_{2.5}$ concentration MEI)	2.7	0.01	0.01	0.07
BAAQMD significance threshold	**10**	**1.0**	**1.0**	**0.3**
Exceeds threshold?	***No***	***No***	***No***	***Yes***

Notes:

$\mu g/m^3$ = micrograms per cubic meter; $PM_{2.5}$ = particulate matter with an aerodynamic diameter of 2.5 or less

a. For worker receptors, the evaluation of cancer risk was modeled for an exposure duration of 5 years for construction and 20 years for operation. For day-care receptors, the evaluation of cancer risk was modeled for an exposure duration of 5 years for operation.

b. Non-cancer chronic hazard index and annual $PM_{2.5}$ concentrations were based solely on annual construction and operational emissions. Non-cancer acute hazard index concentrations were based on 1-hour operational emissions.

c. MEI = maximally exposed individual

Although the emissions modeling includes implementation of construction mitigation measures to reduce dust, as shown in Table 9, $PM_{2.5}$ emissions would result in concentrations that could nevertheless exceed the BAAQMD threshold. Without implementation of dust reduction measures, the maximum $PM_{2.5}$ concentration, as shown in Table 8, would result from construction activities; however, with the reduction measures implemented, construction concentrations would be reduced and the annual concentration during operations would become the maximum value.

The worker receptor MEI for operational $PM_{2.5}$ is at a location different from than for construction $PM_{2.5}$. The primary reason for the exceedance is the proximity of worker receptors to sources of $PM_{2.5}$ from Project-operations (i.e., on-road vehicle trips to and from the site). The worker receptors who would be exposed to the $PM_{2.5}$ concentration exceedance would be those at the adjacent site east of the Infinite 101 site. The distance between workers at the adjacent site and operations of the proposed project would be minimal and would not allow pollutant concentrations to disperse. As such, exceedance of the threshold would be largely due to the proximity of the receptors. No additional measures have been identified to avoid this exceedance.

Laboratory TACs

Project buildings could have wet laboratory uses that could, depending on the specific use, generate emissions at building vents. Although the exact emissions and TACs that could occur are unknown, examples of common TACs from laboratories include benzene, t-butyl alcohol, chloroform, ethanol, and formaldehyde. The precise use of the new laboratory space is unknown at this time; however, this assessment conservatively assumes that 50 percent of the new buildings could have laboratories with up to 816,000 sf of wet laboratory space. However, during the permitting phase of development, new stationary TAC sources would be required to comply

with BAAQMD rules and regulations, thereby ensuring compliance with best available control technology for toxics (if appropriate). The regulations could include emissions limits and/or emissions control technologies appropriate for the specific source. Operational emissions of laboratory-generated TACs are included in the health risk results shown in Table 8. Such emissions would not expose sensitive receptors to substantial pollutant concentrations.

Localized Carbon Monoxide Impacts

Continuous engine exhaust may elevate localized CO concentrations, resulting in hot spots. Receptors exposed to these CO hot spots may have a greater likelihood of developing adverse health effects. CO hot spots are typically observed at heavily congested intersections where a substantial number of gasoline-powered vehicles idle for prolonged durations throughout the day. The BAAQMD's screening criteria for CO hot spots is 44,000 vehicles per hour at affected intersections and 24,000 vehicles per hour at affected intersections where vertical or horizontal mixing is limited (i.e., a tunnel).

To use BAAQMD's quantitative screening criteria for evaluating CO hot spots, a project must be consistent with an applicable congestion management program (CMP). The project would not conflict with the applicable CMP because none of the study intersections are part of the CMP network. Thus, BAAQMD quantitative screening values are used to evaluate the project's potential to create CO hot spots.

Peak-hour traffic volume data for intersections in the project area, as provided by the traffic engineers and included in Appendix A, indicate that traffic volumes at all intersections would be below both the 44,000- and 24,000-vehicle-per-hour criteria. As a result, the additional vehicle trips associated with the project would not result in a localized violation of the CAAQS for CO.

Asbestos

Asbestos is a naturally occurring mineral that was previously used in building construction because of its heat resistance and strong insulating properties. Exposure to asbestos, however, has been shown to cause many disabling and fatal diseases, including lung cancer, mesothelioma, and pleural plaques. Demolition of the existing hardscape (i.e., asphalt and concrete) as well as buildings on the project site may expose workers and nearby receptors to asbestos if the material was used during construction of the original hardscape and buildings. However, the construction contractor would be required to comply with BAAQMD Regulation 11, Rule 2, Asbestos, Demolition, Renovation, and Manufacturing. The purpose of this rule is to control emissions of asbestos to the atmosphere during demolition and building renovation. Because the contractor would be required to control asbestos emissions according to BAAQMD regulations, receptors would not be exposed to substantial asbestos risks.

Odor Impacts

Offensive odors rarely cause physical harm, but they can be unpleasant and lead to considerable distress among the public. This distress often generates citizen complaints to local governments and air districts. According to CARB's 2005 *Air Quality and Land Use Handbook*, land uses associated with odor complaints typically include sewage treatment plants, landfills, recycling facilities, manufacturing plants, and agricultural operations (CARB 2005). CARB provides recommended screening distances for siting new receptors near existing odor sources. The project would not site any new sensitive receptors near an existing odor source because the

project would not include sensitive land uses (e.g., schools or residences). BAAQMD's Regulation 7 (Odorous Substances) establishes general odor limitations for odorous substances and specific emissions limitations for certain odorous compounds.

The proposed project would be constructed on land that has been designated Business Technology Park-High. The project, an R&D center, is a land use that is not typically associated with odor complaints, according to CARB's *Air Quality and Land Use Handbook*. During construction, diesel-powered equipment, exhaust from haul vehicles, and architectural coatings may generate temporary odors. During operations, emergency generator testing may also result in temporary odors. Both equipment- and generator-related odors would be temporary and would dissipate rapidly as a function of distance. Compared with existing odor sources in the vicinity of the project site, including the industrial land uses, odors from project operations would be similar to current conditions. The proposed project would comply, as applicable, with BAAQMD's Regulation 7, which limits emissions of odorous compounds from all non-exempt entities within BAAQMD's jurisdiction. Accordingly, construction and operation of the project is not expected to create objectionable odors that would affect a substantial number of people.

2.3.4 Cumulative Impacts on Air Quality

According to BAAQMD's CEQA Air Quality Guidelines, combined risk levels should be determined for all TAC sources within 1,000 feet of a project site and compared to BAAQMD's cumulative health risk thresholds (BAAQMD 2023a).

Existing TAC sources and the proposed project's construction emissions could contribute to a cumulative health risk for sensitive receptors near the project site. BAAQMD's inventory of stationary health risks was used to estimate the level of health risk from existing stationary sources in combination with the proposed project's contributions. Geographic information system (GIS) raster files provided by BAAQMD were used to estimate roadway and railway emissions (BAAQMD 2023b). The methods used to estimate project-related TAC emissions and health risks are described above under *Methodology*, with further details in Attachment B.

The results of the cumulative impact assessment are summarized in Table 10, which shows the health risk values for the proposed project's maximally affected receptors as well as the health risk contributions from existing sources. The results in Table 10 include implementation of measures to reduce dust emissions during construction, as described above, and the table is divided into separate sections for the two types of receptors as well as health risks and $PM_{2.5}$ concentrations. If one worker receptor, for example, experiences the highest cancer risk, the full modeling results for that receptor are presented in the table. However, if a different worker receptor experiences the highest $PM_{2.5}$ concentration, the full modeling results for that receptor are also presented. The sum of the proposed project's health risk values and existing background health risk values is compared to BAAQMD cumulative thresholds. Additional data on individual background contributions from existing sources are included in Attachment B.

Table 10. Cumulative Health Risks at Maximally Affected Receptors with Measures Implemented

Source	Cancer Risk (per million)	Non-Cancer Chronic Hazard Index	Non-Cancer Acute Hazard Index	Annual $PM_{2.5}$ Concentration ($\mu g/m^3$)
Maximally Affected Receptor for Worker Cancer Risk				
Existing Sources				
Stationary sources	7	0.01	< 0.01	8.73
Roadway sources	13	0.05	< 0.01	0.35
Rail sources	13	< 0.01	< 0.01	0.02
Existing Total	**33**	**0.06**	**< 0.01**	**9.09**
Project Sources				
Construction (5-year exposure) plus operation (20-year exposure)	10	0.10	0.01	0.31
Existing plus Project				
Existing plus construction	43	0.15	0.01	9.40
BAAQMD cumulative thresholds	100	10	10	0.8
Exceeds thresholds?	*No*	*No*	*No*	***Yes***
Maximally Affected Receptor for Worker $PM_{2.5}$ Concentration				
Existing Sources				
Stationary sources	8	0.03	< 0.01	8.72
Roadway sources	24	0.09	< 0.01	0.71
Rail sources	14	< 0.01	< 0.01	0.02
Existing Total	**46**	**0.13**	**< 0.01**	**9.45**
Project Sources				
Construction (5-year exposure) + Operation (20-year exposure)	2	0.01	0.01	0.46
Existing plus Project				
Existing plus construction	48	0.14	0.01	9.91
BAAQMD cumulative thresholds	100	10	10	0.8
Exceeds thresholds?	*No*	*No*	*No*	***Yes***
Maximally Affected Receptor for Day-Care Cancer Risk				
Existing Sources				
Stationary sources	9	0.04	< 0.01	9.3
Roadway sources	9	0.03	< 0.01	0.21
Rail sources	18	< 0.01	< 0.01	0.02
Existing Total	**36**	**0.07**	**< 0.01**	**9.53**
Project Sources				
Construction (5-year exposure) + Operation (20-year exposure)	3	0.01	0.01	0.06

Source	Cancer Risk (per million)	Non-Cancer Chronic Hazard Index	Non-Cancer Acute Hazard Index	Annual $PM_{2.5}$ Concentration ($\mu g/m^3$)
Maximally Affected Receptor for Worker Cancer Risk				
Existing plus Project				
Existing plus construction	39	0.09	0.01	9.59
BAAQMD cumulative thresholds	100	10	10	0.8
Exceeds thresholds?	*No*	*No*	*No*	***Yes***
Maximally Affected Receptor for Day-Care $PM_{2.5}$ Concentration				
Existing Sources				
Stationary sources	11	0.05	< 0.01	8.72
Roadway sources	9	0.03	< 0.01	0.24
Rail sources	18	< 0.01	< 0.01	0.02
Existing Total	**39**	**0.09**	**< 0.01**	**8.98**
Project Sources				
Construction (5-year exposure) + Operation (20-year exposure)	3	0.01	0.01	0.07
Existing plus Project				
Existing plus construction	42	0.10	0.01	9.05
BAAQMD cumulative thresholds	100	10	10	0.8
Exceeds thresholds?	*No*	*No*	*No*	***Yes***

Notes:
Totals may not add up because of rounding.
$\mu g/m^3$ = micrograms per cubic meter; $PM_{2.5}$ = particulate matter with an aerodynamic diameter of 2.5 or less

As shown in Table 10, existing stationary, roadway, and railway sources in combination with the proposed project would not exceed BAAQMD cumulative thresholds for cancer risk or the hazard index. The highest values for cancer risk and the hazard index are 51 in 1 million and 0.23, respectively, for the maximally affected receptor, well below the BAAQMD cumulative thresholds of 100 in 1 million for cancer risk and 10 for the hazard index. However, annual $PM_{2.5}$ concentrations would exceed BAAQMD's cumulative threshold of 0.8 $\mu g/m^3$ for both types of receptors. The highest value for existing plus project-related $PM_{2.5}$ concentrations would be approximately 9.91 $\mu g/m^3$ at the maximally affected worker receptor, although other analyzed maximally affected receptors (i.e., the maximally affected worker receptors for health risks) would also be exposed to an exceedance of BAAQMD's cumulative threshold of 0.8 $\mu g/m^3$. Accordingly, worker and day-care sensitive receptors would be exposed to substantial cumulative concentrations of $PM_{2.5}$.

The primary reason for the exceedances is the high level of ambient $PM_{2.5}$ emissions generated by two facilities within 1,000 feet of the project site, the Granite Rock Company at 1321 Lowrie Avenue and Central Concrete Supply at 1305 San Mateo Avenue, even though the maximally affected receptors would be at least 860 feet from the two facilities. The contribution from the project would be substantially less than the contribution from the existing stationary sources; however, as discussed for project-level impacts, the contribution of the project alone would exceed BAAQMD's project-level threshold. Therefore, the health risks associated with TACs emitted by the proposed project in combination with health risks associated with existing TAC sources would result in a cumulatively considerable local health risk at worker and day-care receptors near the project site.

Chapter 3
Greenhouse Gases and Climate Change

3.1 Regulatory Setting

GHG emissions are addressed by the plans, policies, laws, and regulations of various federal, State, regional, and local government agencies, as presented in greater detail below.

3.1.1 Federal

Several federal executive orders (EOs) related to GHG emissions and climate resiliency have been signed by President Biden. EO 13990, signed in January 2021, set a national goal to achieve a 50 to 52 percent reduction in economy-wide net GHG pollution from 2005 levels by 2030. In addition, EO 14057, signed in December 2021, requires federal agencies to develop strategic processes for achieving, among other things, carbon-free electricity by 2030 and 100 percent zero-emission vehicle acquisitions by 2035. President Biden has also signed two bills, the Infrastructure Investment and Jobs Act (2021) and Inflation Reduction Act (2022), that provide funding for infrastructure improvements to reduce GHG emissions and bolster resilience to climate change. Despite these actions, there is currently no federal law regarding GHG emissions or a legislatively mandated national GHG reduction target.

Vehicle Emissions Standards

NHTSA and EPA set CAFE standards that require substantial improvements in fuel economy and reductions in GHG emissions generated by passenger cars and light-duty trucks sold in the United States. On August 2, 2018, NHTSA and EPA proposed amendments to the current fuel efficiency standards for passenger cars and light-duty trucks as well as new standards for model years 2021 through 2026. Under the SAFE Vehicles Rule, current 2020 standards would be maintained through 2026.

On September 19, 2019, NHTSA and EPA issued a final action on the One National Program Rule, which is considered Part One of the SAFE Vehicles Rule and a precursor to the proposed fuel efficiency standards, withdrawing California's CAA preemption waiver to set state-specific standards.[14] EPA reinstated California's authority under the CAA to implement its own GHG emission standards and zero-emission vehicles sales mandate on March 9, 2022.[15]

[14] The One National Program Rule enables NHTSA and EPA to provide nationwide uniform fuel economy and GHG vehicle standards by 1) clarifying that federal law preempts state and local tailpipe GHG standards, 2) affirming NHTSA's statutory authority to set nationally applicable fuel economy standards, and 3) withdrawing California's CAA preemption waiver to set state-specific standards.

[15] California, 22 other states, the District of Columbia, and two cities filed suit against Part One of the SAFE Vehicles Rule on September 20, 2019 (*California et al. v. United States Department of Transportation et al.,* 1:19-cv-02826, U.S. District Court for the District of Columbia). On December 12, 2021, NHTSA repealed the SAFE Vehicles Rule, Part One.

On December 19, 2021, NHTSA finalized its vehicle efficiency standards rule to reach a projected industry-wide target of 40 miles per gallon by 2026, an approximately 25 percent increase over the prior SAFE rule.[16]

3.1.2 State

Statewide GHG Emission Targets and the Climate Change Scoping Plan

The State has adopted legislation to address various aspects of climate change and GHG emissions mitigation. Much of this legislation establishes a broad framework for the State's long-term GHG reduction and climate change adaptation program. Senate Bill (SB) 32 requires the State to reduce emissions to 40 percent below the 1990 level by 2030. AB 1279 requires California to achieve net-zero GHG emissions (i.e., reach a balance between the GHGs emitted and removed from the atmosphere) no later than 2045 and maintain net-negative GHG emissions from then on. It also mandates an 85 percent reduction in statewide anthropogenic GHG emissions (from 1990 levels) by 2045. SB 1203 requires State agencies to achieve net-zero GHG emissions resulting from their operations no later than 2035, or as soon thereafter as feasible.

The State's plan to reach the aforementioned targets is presented in periodic scoping plans. CARB adopted the 2017 Climate Change Scoping Plan (2017 Scoping Plan) in November of that year to meet the GHG reduction requirement set forth in SB 32 (CARB 2017a). It proposed continuing the major aspects of the previous scoping plan, including cap-and-trade regulation; low-carbon fuel standards; more efficient cars and trucks, as well as freight operations; and the Renewables Portfolio Standard (RPS). Reductions in methane (CH_4) emissions from agricultural and other wastes were also proposed. In December 2022, CARB adopted its Final 2022 Scoping Plan Update for Achieving Carbon Neutrality (2022 Scoping Plan), which identifies a technologically feasible, cost-effective, equity-focused path for achieving carbon neutrality by 2045, pursuant to AB 1279 (CARB 2022a). The plan also assesses the State's progress toward meeting the GHG emissions reduction goal called for in SB 32.

The State has also passed more detailed legislation to address GHG emissions associated with industrial sources, transportation, water conservation, building energy, solid waste, electricity generation, and energy consumption, as summarized below.

Legislation Addressing Electricity Generation

The State passed legislation that requires increasing use of renewables to produce electricity for consumers. California utilities are required to generate 33 percent of their electricity from renewables by 2020 (SB X1-2 of 2011), 52 percent by 2027 (California RPS Program [SB 100 of 2018]), 60 percent by 2030 (also SB 100 of 2018), and 100 percent by 2045 (also SB 100 of 2018). SB 1020 also requires State agencies to rely on 100 percent renewable energy and zero-carbon resources for their own facilities by 2030.

[16] NTHSA and EPA published final rules to amend and establish national carbon dioxide (CO_2) and fuel economy standards on April 30, 2020 (Part Two of the SAFE Vehicles Rule) (85 *Federal Register* 24174). The revised rule changes the national fuel economy standards for light-duty vehicles, decreasing from 46.7 to 40.4 miles per gallon in future years. California, 22 other states, the District of Columbia filed a petition for review of the final rule on May 27, 2020.

California Energy Efficiency Standards for Residential and Nonresidential Buildings—Green Building Code, Title 24 Update

The energy consumption of new residential and non-residential buildings in California is regulated by CCR Title 24, Part 6, Building Energy Efficiency Standards (California Energy Code), and Part 11, California Green Building Standards Code (CALGreen). The California Energy Commission (CEC) updates the California Energy Code every 3 years with more stringent design requirements to reduce energy consumption, resulting in lower GHG emissions.

In August 2021, the CEC adopted the 2022 Building Energy Efficiency Standards, which took effect on January 1, 2023 (CEC 2021). The 2022 non-residential standards establish combined solar PV and battery standards for select businesses, establish new efficiency standards for commercial greenhouses, and improve efficiency standards for the building envelope, internal systems, and grid integration equipment.

Fuel Efficiency Standards for Light-Duty Passenger Vehicles

AB 1493 of 2002 (Pavley I) required CARB to develop and implement regulations to reduce automobile and light-truck GHG emissions. These stricter emissions standards began with the 2009 model year. Additional strengthening of the Pavley standards (referred to previously as *Pavley II* and now referred to as the *Advanced Clean Cars* measure) was adopted for vehicle model years 2017–2025 in 2012. Together, the two standards were expected to increase average fuel economy to roughly 54.5 miles per gallon by 2025.

In August 2022, CARB board members voted to approve the Advanced Clean Cars II proposal, which should dramatically reduce emissions from passenger cars in model years 2026 through 2035. This will require an increasing proportion of new vehicles to be zero-emission vehicles, with the goal being to have 100 percent of new vehicles sold by 2035 to be zero-emission vehicles (CARB 2022f).[17]

CARB also adopted the Advanced Clean Truck Regulation to accelerate a large-scale transition to zero-emission medium- and heavy-duty vehicles. The regulation requires zero-emission medium- and heavy-duty vehicles to be an increasing percentage of total annual vehicle sales in California between 2024 and 2035. By 2035, zero-emission truck/chassis sales will need to be 55 percent of Class 2b–3 truck sales, 75 percent of Class 4–8 straight truck sales, and 40 percent of truck-tractor sales. By 2045, every new medium- and heavy-duty truck sold in California will need to be a zero-emission truck. Large employers, including retailers, manufacturers, brokers, and others, are required to report information about shipments and shuttle services to ensure they purchase available zero-emission trucks for their fleets.

Low-Carbon Fuel Standard

CARB adopted the low-carbon fuel standard (LCFS) in 2007 to reduce the carbon intensity of California's transportation fuels. The LCFS applies to fuels used by on-road motor vehicles and off-road vehicles, including construction equipment.

[17] California Air Resources Board. 2022f. *Proposed Advanced Clean Cars II Regulations: All New Passenger Vehicles Sold in California to Be Zero Emissions by 2035*. Available: https://ww2.arb.ca.gov/our-work/programs/advanced-clean-cars-program/advanced-clean-cars-ii. Accessed: January 30, 2023.

Note that the majority of the emissions benefits due to the LCFS come from the production cycle (i.e., upstream emissions) of the fuel rather than the combustion cycle (i.e., tailpipe). As a result, LCFS-related reductions are not included in this analysis of combustion-related emissions of carbon dioxide (CO_2).

Regional Land Use and Transportation Planning Requirements

In addition to regulations that address tailpipe emissions and transportation fuels, the State Legislature has passed regulations to address the number of miles driven in light-duty passenger vehicles. Since the passage of SB 375 in 2008, CARB has required metropolitan planning organizations (MPOs) to adopt plans that show reductions in GHG emissions from passenger cars and light trucks in their respective regions between 2020 and 2035 (CARB 2018). If regions develop integrated land use, housing, and transportation plans that meet the SB 375 targets, new projects in the regions can be relieved of certain CEQA review requirements.

CEQA Requirements to Assess Vehicle Miles Traveled

Under SB 743 of 2013, the Governor's Office of Planning and Research (OPR) proposed changes to the State CEQA Guidelines to require CEQA transportation analyses to move away from focusing on vehicle delay and level of service (LOS) and instead focus on VMT. The intent behind SB 743 is to integrate and balance congestion management, infill development, active transportation with GHG emissions reductions. These changes were adopted by the California Natural Resources Agency, resulting in the addition of Section 15064.3. In support of these changes, OPR published its *Technical Advisory on Evaluating Transportation Impacts in CEQA*, which recommends that the transportation impact of a project be based on whether a project would generate a level of VMT per capita (or VMT per employee) that would be 15 percent lower than that of existing development in the region. OPR's technical advisory explains that this criterion is consistent with Section 21099 of the California Public Resources Code, which states that criteria for determining significance must "promote the reduction in greenhouse gas emissions" (OPR 2017). This metric replaces the use of delay and LOS to measure transportation-related impacts.

Short-Lived Climate Pollutant Strategy

In 2014, SB 605 directed CARB, in coordination with other State agencies and local air districts, to develop the comprehensive Short-Lived Climate Pollutant (SLCP) Reduction Strategy. In 2016, SB 1383 directed CARB to approve and implement the strategy to achieve the following reductions in SLCPs:

- 40 percent reduction in CH_4 relative to 2013 levels by 2030,
- 40 percent reduction in hydrofluorocarbon (HFC) gases relative to 2013 levels by 2030, and
- 50 percent reduction in anthropogenic black carbon relative to 2013 levels by 2030.

SB 1383 also establishes the following targets for reducing organic waste in landfills, as well as CH_4 emissions from dairy and livestock operations, as follows:

- 50 percent reduction in organic waste disposal relative to 2014 levels by 2020,
- 75 percent reduction in organic waste disposal relative to 2014 levels by 2025, and
- 40 percent reduction in CH_4 emissions from livestock and dairy manure management operations relative to the livestock and dairy sectors' 2013 levels by 2030.

CARB and the California Department of Resources Recycling and Recovery (CalRecycle) have developed regulations to achieve the organic waste reduction goals under SB 1383. In January and June 2019, CalRecycle proposed new and amended regulations to CCR Title 14 and Title 27. Among other things, the regulations set forth minimum standards for organic waste collection, hauling, and composting. The final regulations took effect on January 1, 2022.

CARB adopted the SLCP Reduction Strategy in March 2017 as a framework for achieving the CH_4, HFC, and anthropogenic black carbon reduction targets set by SB 1383. The SLCP Reduction Strategy includes 10 measures to reduce SLCPs, which fit within a wide range of ongoing planning efforts throughout the state, including CARB's and CalRecycle's proposed rulemaking on organic waste diversion.

3.1.3 Local

Metropolitan Transportation Commission

Metropolitan Transportation Commission (MTC) is the MPO for the nine counties that make up the Bay Area and the SFBAAB, which includes South San Francisco. The first per capita GHG emissions reduction targets for the SFBAAB were 7 percent by 2020 and 15 percent by 2035 from 2005 levels. However, the per capita GHG emissions reductions targets for the SFBAAB have been revised to 10 percent by 2020 and 19 percent by 2035 (CARB 2018). MTC adopted a Sustainable Communities Strategy (SCS) as part of its Regional Transportation Plan (RTP) for the SFBAAB in 2021, known as Plan Bay Area 2050 (MTC; ABAG 2021). Plan Bay Area 2050 includes transportation and environmental strategies that support active and shared modes of travel combined with a transit-supportive land use pattern that places housing near transportation centers. Implementation of these strategies are forecast to lower the share of Bay Area residents who drive to work alone from 50 percent in 2015 to 33 percent in 2050. This would lead to a 20 percent decrease in GHG emissions compared to 2005, thereby meeting the State mandate of a 19 percent decrease in GHG emissions by 2050.

Bay Area Air Quality Management District

BAAQMD is the primary agency responsible for addressing air quality concerns in the San Francisco Bay Area, including San Mateo County. Its role is discussed further in Chapter 2, *Air Quality*. BAAQMD also recommends methods for analyzing project-related GHGs in CEQA analyses as well as multiple GHG reduction measures for land use development projects.

In April 2023, BAAQMD adopted the 2022 CEQA Air Quality Guidelines, which include new climate impact thresholds that address the statewide GHG target established by SB 32 and the eventual goal of carbon neutrality by 2045 (e.g., EO B-55-18) (BAAQMD 2023a). The guidelines also look at how project and plan-level CEQA analyses should evaluate the significance of climate impacts, based on evolving case law. The BAAQMD 2022 CEQA Air Quality Guidelines update the CEQA GHG thresholds from the 2017 CEQA Air Quality Guidelines, which were not consistent with the statewide GHG target established by SB 32. In summary, the updated thresholds emphasize (1) avoiding wasteful electricity usage and developing fossil fuel infrastructure in new buildings that will be in place for decades and thus conflict with carbon-neutrality goals by 2045; (2) complying with the CALGreen Tier 2 electric-vehicle (EV) requirements and per-capita reductions in VMT, consistent with SB 743; and (3) ensuring consistency with a qualified GHG emissions reduction strategy (also known as a Climate Action Plan [CAP]). BAAQMD also provided

an appendix to the 2022 CEQA Air Quality Guidelines, the *Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts from Land Use Projects and Plans* (BAAQMD Justification Report), which explains why its thresholds and approach to analysis for project-level impacts under CEQA are supported by substantial evidence.

City of South San Francisco Climate Action Plan

The City CAP was adopted in 2022 to reduce community and municipal GHG emissions. The CAP is a roadmap that outlines a path for the City to use to achieve its community-wide per-service-population GHG emissions reduction goal of 40 percent below 1990 levels by 2030, 80 percent below 1990 levels by 2040, and carbon neutral by 2045 (City of South San Francisco 2022b). The CAP features 62 recommended GHG emissions reduction measures within seven sectors of community and municipal operations: clean energy, built environment (new and existing), transportation and land use, solid waste, water and wastewater, carbon sequestration and natural systems, and city leadership).

Shape South San Francisco 2040 General Plan

The following GHG-related goals from the *Shape South San Francisco 2040 General Plan* (General Plan) (City of South San Francisco 2022a) are applicable to the proposed project:

Goal CP-1: A carbon neutral community by 2045.

Goal CP-2: A resilient and fossil fuel free energy system.

Goal CP-3: Green buildings are the standard in South San Francisco for new construction and major renovations.

Goal CP-6: The City continues to divert organics from landfill in accordance with State targets.

Goal CR-1: The City proactively advances community resilience and is prepared for all hazards, including climate disruption.

Goal CR-2: A resilient community that protects existing and future development and people from sea level rise and flooding.

Goal ES-1: The City supports nature in South San Francisco to encourage healthy ecosystems, improve air and water quality, improve public health, and adapt to a changing climate.

Goal ES-5: Landscape design standards for new development enhance habitat quality, reduce water use, and support a diverse ecosystem.

Goal MOB-4: South San Francisco's land use and transportation actions reduce vehicle miles traveled (VMT) and greenhouse gas emissions.

Goal PE-4: Infrastructure investments support job access, job growth, and address climate hazards impacting South San Francisco businesses.

Goal SA-27: There are safe, comfortable, and accessible pedestrian and bicycle facilities that connect people to Downtown, El Camino, and East of 101.

Lindenville Specific Plan

The following greenhouse gas-related goals from the *Lindenville Specific Plan* are applicable to the proposed project (City of South San Francisco 2023):

Goal DD-1: The Mixed Use Neighborhood, South Spruce Avenue Corridor and South Linden Avenue Arts and Makers District have a network of safe, walkable streets and pathways to access key destinations and open spaces.

Goal DD-3: New developments in Lindenville provide healthy places for people to live and work by mitigating potential noise, air quality, and odor impacts from industrial land uses, U.S. 101 and Interstate 380, and aircraft.

Goal MOB-1: Multi-modal travel options are readily available and offer equal levels of comfort.

Goal MOB-2: There are high-quality connections to Downtown, El Camino, East of 101, and regional destinations for all modes.

Goal MOB-3: Lindenville's transportation offerings and streetscape design support a vibrant mixed-use district.

Goal I-1: The development, management, and maintenance of infrastructure in Lindenville is driven by the ability to optimize the efficiency and effectiveness of each system, and to achieve the performance required to meet the City's sustainability goals.

Goal I-2: Lindenville invests in sustainable and resilient infrastructure and practices to illustrate leadership.

Goal I-5: The City increases reliance on local energy systems to ensure adequate utility provisioning for new potential users.

Transportation Demand Management Ordinance

The City's TDM ordinance requires projects to incorporate measures to reduce the number of trips generated and achieve goals related to the use of alternative modes. According to the ordinance, projects that are categorized as Tier 4 projects (i.e., office and R&D uses with at least 400,000 sf of gross floor area) must implement trip reduction measures with a total worth of at least 50 points, based on the City Planning Department's table of measures and point values; implement annual monitoring to ensure a maximum of 50 percent of employees commuting while driving alone; and implement annual monitoring of a site-specific trip cap.[18] The ordinance also requires an annual employee mode-share survey at the project site to ensure that desired transportation mode shares are achieved. Where the mode share target is not achieved, City officials may require program modifications to increase alternative mode share or impose administrative penalties.

[18] South San Francisco, California, Municipal Code § 20.400.

3.2 Existing Setting

3.2.1 Physical Scientific Basis of GHG and Climate Change

Certain gases in the Earth's atmosphere, classified as GHGs, play a critical role in determining the Earth's surface temperature. Solar radiation enters the atmosphere from space. A portion of the radiation is absorbed by the Earth's surface, and a smaller portion of this radiation is reflected toward space. The absorbed radiation is then emitted from Earth as low-frequency infrared radiation. The frequencies at which bodies emit radiation are proportional to temperature. The Earth has a much lower temperature than the sun; therefore, the Earth emits lower-frequency radiation. Most solar radiation passes through GHGs; however, infrared radiation is absorbed by these gases. As a result, radiation that otherwise would have escaped back into space is instead "trapped," resulting in a warming of the atmosphere. This phenomenon, known as the *greenhouse effect*, is responsible for maintaining a habitable climate on Earth.

Prominent GHGs that contribute to the greenhouse effect are CO_2, CH_4, nitrous oxide (N_2O), HFCs, perfluorocarbons (PFCs), and sulfur hexafluoride. These six gases are also identified as GHGs in Section 15364.5 of the State CEQA Guidelines. Human-caused emissions of these GHGs in excess of natural ambient concentrations are found to be responsible for intensifying the greenhouse effect and leading to a trend of unnatural warming of the Earth's climate, known as *global climate change* or *global warming*. It is "extremely likely" that more than half of the observed increase in global average surface temperature from 1951 to 2010 was caused by the anthropogenic increase in GHG concentrations and other anthropogenic forcing (Intergovernmental Panel on Climate Change [IPCC] 2014).

Since the Industrial Revolution (1760–1840), increases in fossil-fuel combustion and deforestation have exponentially increased concentrations of GHGs in the atmosphere. Rising atmospheric concentrations of GHGs in excess of natural levels enhance the greenhouse effect, which contributes to global warming of the Earth's lower atmosphere. This warming induces large-scale changes in ocean circulation patterns, precipitation patterns, global ice cover, biological distributions, and other changes to the Earth's system, which are collectively referred to as *climate change*.

Climate change is a global problem. GHGs are global pollutants, unlike criteria air pollutants and TACs, which are pollutants of regional and local concern. Whereas most pollutants with localized air quality effects have relatively short atmospheric lifetimes (approximately 1 day), GHGs have long atmospheric lifetimes (1 year to several thousand years). GHGs persist in the atmosphere long enough to be dispersed around the globe. Although the lifetime of any GHG molecule depends on multiple variables and cannot be determined with any certainty, it is understood that more CO_2 is emitted into the atmosphere than is removed from the atmosphere (i.e., *sequestered*) by ocean uptake, vegetation, and other forms of sequestration. Of the total annual human-caused CO_2 emissions, approximately 55 percent are estimated to be sequestered through ocean and land uptake every year, averaged over the last 50 years, whereas the remaining 45 percent of human-caused CO_2 emissions remain stored in the atmosphere (IPCC 2013).

No single project alone would measurably contribute to an incremental change in the global average temperature or global or local climates or microclimates. From the standpoint of CEQA, GHG impacts relative to global climate change are inherently cumulative.

3.2.2 Principal Greenhouse Gases

The principle anthropogenic (human-made) GHGs are CO_2, CH_4, N_2O, and fluorinated compounds, including sulfur hexafluoride, HFCs, and PFCs. The primary GHGs that would be emitted by project-related construction and operations are CO_2, CH_4, N_2O, and HFCs. The principal characteristics of these pollutants are discussed below.

- **Carbon Dioxide (CO_2)** enters the atmosphere through the burning of fossil fuels (e.g., oil, natural gas, coal); it also comes from solid waste, trees and wood products, and respiration. CO_2 also results from chemical reactions (e.g., those associated with cement manufacturing). CO_2 is sequestered when it is absorbed by plants as part of the biological carbon cycle.
- **Methane (CH_4)** is emitted during the production and transport of coal, natural gas, and oil. CH_4 also results from livestock emanations, agricultural practices, and the decay of organic waste in municipal solid-waste landfills.
- **Nitrous Oxide (N_2O)** is emitted during agricultural and industrial activities as well as the combustion of fossil fuels and solid waste.
- **Hydrofluorocarbons (HFCs)** are synthetic gases that are used primary for refrigeration, air-conditioning, and other purposes; they replace ozone-depleting substances**.**

Methods have been set forth to describe emissions of GHGs in terms of a single gas to simplify reporting and analysis. The most commonly accepted method for comparing GHG emissions is the global warming potential (GWP) methodology defined by the IPCC (IPCC 2007). IPCC defines the GWP of various GHG emissions on a normalized scale that recasts all GHG emissions in terms of carbon dioxide equivalent (CO_2e), which compares the gas in question to that of the same mass of CO_2 (which has a GWP of 1, by definition). The GWP values used in this report are based on the IPCC Fourth Assessment Report and the United Nations Framework Convention on Climate Change reporting guidelines, as defined in Table 11 (IPCC 2007). The Fourth Assessment Report GWP values are consistent with those used in CARB's 2021 California GHG inventory (CARB 2022d) and the *2022 Scoping Plan for Achieving Carbon Neutrality* (CARB 2022a).

Table 11. Lifetimes, Global Warming Potentials, and Atmospheric Abundances of Select GHGs

Gas	GWP (100 years)	Lifetime (years)[a]
CO_2	1	50–200
CH_4	25	9–15
N_2O	298	121
HFCs	124 -14,800	1-270

Sources: IPCC 2007; CARB 2022d; CARB 2020.
[a.] Defined as the half-life of the gas.
CO_2 = carbon dioxide; CH_4 = methane; GHG = greenhouse gas; GWP = global warming potential; HFCs = hydrofluorocarbons; N_2O = nitrous oxide.

CARB recognizes the importance of reducing emissions of SLCPs, as described in the *Regulatory Setting*, to achieve the State's overall climate-change goals. SLCPs have atmospheric lifetimes on the order of a few days to a few decades, and their relative climate-forcing impacts, when measured in terms of how they heat the atmosphere, can be tens, hundreds, or even thousands of times greater than those of CO_2 (CARB 2017b). Given their short-term lifespan and warming

impact, SLCPs are measured in terms of CO_2e, using a 20-year time period. The use of GWPs with a time horizon of 20 years captures the importance of SLCPs and gives a better perspective as to the speed at which emission controls will affect the atmosphere relative to CO_2 emission controls. The SLCP Reduction Strategy, as discussed in the *Regulatory Setting*, addresses CH_4, HFC gases, and anthropogenic black carbon. CH_4 has lifetime of 12 years and a 20-year GWP of 72. HFC gases have lifetimes of 1.4 to 52 years and a 20-year GWP of 437 to 6,350. Anthropogenic black carbon has a lifetime of a few days to weeks and a 20-year GWP of 3,200 (CARB 2017b).

3.2.3 Greenhouse Gas Inventory

A GHG inventory is a quantification of all GHG emissions within a selected physical and/or economic boundary. GHG inventories can be performed on a large scale (e.g., for global and national entities) or on a small scale (e.g., for a particular building or person). Although many emissions are difficult to evaluate, several agencies have developed tools to quantify emissions from certain sources.

As discussed previously, GHG emissions are attributable in large part to human activities. The total GHG inventory for California in 2021 was 381.3 million metric tons of carbon dioxide equivalent (CARB 2022b). Table 12 summarizes the GHG inventory for California.

Table 12. Statewide Greenhouse Gas Emissions by Economic Sector for 2021[a]

Sector	Percent
Transportation	39
Industrial	22
Electricity generation (in state)	11
Electricity generation (imports)	5
Agriculture	8
Residential	8
Commercial	6

Sources: CARB 2022a.
[a.] The total emissions inventory for California in 2021 was 381.3 million metric tons of carbon dioxide equivalent.

According to the breakdown shown in Table 12, the commercial sector in California accounts for approximately 6 percent of the state's GHG emissions.

3.3 Impacts and Mitigation Measures

3.3.1 Methodology

Construction Activities

Construction GHG emissions were quantified using the same methods described above for the analysis of criteria pollutant emissions. Electricity would be consumed by construction equipment and mobile offices, amounting to 2,392 megawatt hours (MWh) for each year of construction, based on input from the project sponsor (Metz pers. comm.). Peninsula Clean Energy provides

electrical service to the project site. Since 2021, Peninsula Clean Energy has provided 100 percent carbon-free electricity to its customers; as such, there would be no indirect GHG emissions from the use of electricity during construction.

Operations

Operational GHG emissions were generally quantified using the same methods described above for the analysis of criteria pollutant emissions. However, further assumptions were necessary to evaluate potential emissions associated with indirect electricity consumption, water consumption, and solid waste generation. Assumptions related to operational activity were based on project-specific information provided by the project sponsor. Additional operational assumptions unique to the analysis of GHG emissions are provided below.

Energy

Based on input from the project sponsor, the project would consume approximately 58,885,593 kWh of electricity each year (Metz pers. comm.). This estimate includes electricity usage associated with project buildings and the enclosed parking garage.

Water and Wastewater

Water consumption requires electricity to supply, pre-treat, and distribute the water prior to being consumed and treat wastewater subsequent to being consumed. The electricity consumed for these water processes results in indirect GHG emissions. Based on information from the project sponsor, approximately 9,521,808 gallons of water per year would be used indoors and 1,952,414 gallons of water per year would be used outdoors (Metz pers. comm.).

Waste

Based on input from the project sponsor, the project would generate approximately 1,352 tons of landfilled waste per year, resulting in fugitive GHG emissions during decomposition of the waste once it is deposited in a landfill (Metz pers. comm.).

3.3.2 Thresholds of Significance

State CEQA Guidelines Section 15064 and relevant portions of Appendix G recommend that a lead agency consider a project's consistency with relevant adopted plans and discuss any inconsistencies with applicable regional plans, including plans to reduce GHG emissions. Under Appendix G of the State CEQA Guidelines, implementation of a project would result in a cumulatively considerable contribution to climate change if it would:

- Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment or
- Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

The following discussion describes the relevant GHG thresholds that would be applicable to the project.

Compliance with BAAQMD GHG Thresholds for Land Use Projects

Construction

BAAQMD's CEQA Air Quality Guidelines do not identify a GHG emission threshold for construction-related emissions. Instead, the CEQA Air Quality Guidelines recommend that GHG emissions from construction be quantified and disclosed and that a determination regarding the significance of the GHG emissions be made with respect to whether a project would be consistent with emission reduction goals. BAAQMD further recommends incorporation of best management practices to reduce GHG emissions during construction, as feasible and applicable.

Operation

According to the CEQA Air Quality Guidelines, BAAQMD recommends that land use projects use the approach endorsed by the California Supreme Court in *Center for Biological Diversity v. Department of Fish & Wildlife* (2015) (62 Cal. 4th 204), which specifies that a project must evaluate its effect on California's efforts to meet the State's long-term climate goals. As the California Supreme Court held in that case, a project that meets the State's long-term climate goals can be found to have a less-than-significant impact on climate change under CEQA. Specifically, if a project contributes a "fair share"[19] toward what will be required to achieve long-term climate goals, then a reviewing agency can find that the impact will not be significant because the project will help to solve the problem of global climate change (62 Cal. 4th 220–223). Applying this approach, BAAQMD has found that a new land use development project being built today needs to incorporate the design elements shown in Table 13 to do its fair share toward meeting the SB 32 target for 2030 and the goal of carbon neutrality by 2045. If a project incorporates the design elements listed in Table 13 (Threshold Option A) or is consistent with a local GHG reduction strategy under Section 15183.5 of the State CEQA Guidelines (Threshold Option B), then it will contribute a portion to what will be necessary to achieve California's long-term climate goals (i.e., its fair share) and will not result in a cumulatively considerable contribution to global climate change. If a project does not incorporate the design elements and is not consistent with a local GHG reduction strategy, then it should be found to be a project with a significant climate impact because it will hinder the State's efforts to address climate change.

The City's CAP does not meet the criteria for tiering under State CEQA Guidelines Section 15183.5(b); therefore, Threshold Option B cannot be used. Thus, this analysis evaluates consistency with BAAQMD's threshold for land use projects by comparing this project to Threshold Option A, as stated in Table 13.

[19] BAAQMD defines "fair share" as the design elements that need to be incorporated into a project to lay the foundation for achieving carbon neutrality by 2045. These design elements are elements that the project has influence or control over. For example, becoming carbon neutral by 2045 will require California's electrical power generators to shift to 100 percent carbon-free energy resources, which is not something that can be controlled through the design of new land use projects and would not be a part of a project's fair share. Other sources that would not be part of the "fair share" are vehicle fleet mix and indirect off-site emissions (e.g., CH_4 emissions from wastewater or solid waste).

Table 13. BAAQMD GHG Thresholds for Land Use Projects

Thresholds for Land Use Projects (Must Include A or B)
A. Projects must include, at a minimum, the following project design elements: 1. Buildings a. The project will not include natural gas appliances or natural gas plumbing (in both residential and nonresidential development). b. The project will not result in any wasteful, inefficient, or unnecessary electrical usage, as determined by the analysis required under CEQA Section 21100(b)(3) and Section 15126.2(b) of the State CEQA Guidelines. 2. Transportation a. Achieve compliance with EV requirements in the most recently adopted version of CALGreen Tier 2. b. Achieve a reduction in project-generated VMT to a level below the regional average, consistent with the current version of the California Climate Change Scoping Plan (currently 15 percent), or meet a locally adopted SB 743 VMT target, reflecting the recommendations provided in OPR's Technical Advisory on Evaluating Transportation Impacts in CEQA: i. Residential projects: 15 percent below existing VMT per capita, ii. Office projects: 15 percent below existing VMT per employee, and iii. Retail projects: no net increase in existing VMT.
B. Projects must be consistent with a local GHG reduction strategy that meets the criteria under State CEQA Guidelines Section 15183.5(b).

Source: Bay Area Air Quality Management District 2023.

Compliance with Regulatory Programs

This analysis also discusses the project's compliance with regulatory programs designed to reduce GHG emissions from particular activities (e.g., transportation, water usage). To the extent that the project's design features comply with or exceed the regulations adopted by CARB or other State agencies, the City could rely on this compliance to show that the proposed project would reduce emissions consistent with statewide legislation. This includes an analysis of the project's consistency with the City's CAP (City of South San Francisco 2022b). The CAP is not a qualified GHG reduction strategy that can be used for tiering purposes and, therefore, is not used to determine the significance of project emissions. However, this analysis evaluates the project's consistency with the CAP for informational purposes.

Stationary-Source Threshold

BAAQMD recommends a threshold of 10,000 metric tons (MT) CO_2e for stationary sources (BAAQMD 2023a). This threshold is intended to capture 95 percent of GHG emissions from new permit applications. It would do so by capturing only large, significant projects; permit applications with emissions above the threshold of 10,000 $MTCO_2e$ account for less than 10 percent of stationary-source permit applications (BAAQMD 2023a). The emergency generators included as part of the proposed project would be permitted sources, and as such, BAAQMD's threshold of 10,000 $MTCO_2e$ is appropriate for analyzing the significance of emissions from the generators.

3.3.3 Impact Analysis

Emissions of Greenhouse Gases Generated during Construction and Operation that May Have a Significant Impact on the Environment

Construction Emissions

Construction activities would generate emissions of CO_2, CH_4, N_2O and HFCs from mobile and stationary construction equipment as well as employees' vehicles and haul trucks. Based on available information provided by the project sponsor, construction would begin with a demolition phase, with construction activities occurring on the entirety of the project site. Then, construction of the south portion of the project would begin, with eight main phases. Immediately following completion of the south portion of the project, construction of the north portion would begin, with the same phasing as that of the south portion. Construction of the project would begin in January 2026 and be completed by May 2031, lasting approximately 65 months. Construction modeling outputs and detailed assumptions are included in Appendix A. The estimated construction emissions for the project are summarized by year in Table 14, below.

Table 14. Estimated GHG Emissions from Project Construction (metric tons per year)[a]

Construction Year	CO_2	CH_4	N_2O	HFCs	CO_2e
2026 (I131S)	1,808	< 1	< 1	< 1	1,860
2027 (I131S)	1,743	< 1	< 1	< 1	1,763
2028 (I131S & N)	1,316	< 1	< 1	< 1	1,342
2029 (I131N)	1,605	< 1	< 1	< 1	1,629
2030 (I131N)	1,729	< 1	< 1	< 1	1,746
2031 (I131N)	295	< 1	< 1	< 1	299
Total	**8,497**	**< 1**	**< 1**	**< 1**	**8,639**

CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; HFC = hydrofluorocarbon; CO_2e = carbon dioxide equivalent, including the relative warming capacity (i.e., GWP) of each GHG

As shown in Table 14, it is estimated that construction of the project would generate approximately 8,639 $MTCO_2e$ over the entire construction period. The emissions generated during construction of the project would result primarily from the use of diesel-powered construction equipment (e.g., excavators) and on-road vehicles (e.g., haul trucks, workers' vehicles). Construction emissions would cease once construction of the project is complete and, therefore, are considered short term. Furthermore, the project sponsor would implement best management practices, as outlined in Section 6.3 of the CEQA Air Quality Guidelines (BAAQMD 2023a) and listed below.

- Use zero-emission and hybrid-powered equipment to the greatest extent possible, particularly if emissions are occurring near sensitive receptors or within a Bay Area Air Quality Management District–designated Community Air Risk Evaluation (CARE) area or Assembly Bill 617 community.[20]
- Require all diesel-fueled off-road construction equipment to be equipped with U.S. Environmental Protection Agency Tier 4 Final engines or better.

[20] The Project site is not located within a CARE or AB 617 community.

- Require all on-road heavy-duty trucks to be zero emissions or meet the most stringent model-year emissions standard where feasible.
- Minimize idling time, either by shutting equipment off when not in use or reducing the time of idling to no more than 2 minutes. Provide clear signage that posts this requirement for workers at the entrances to the site.
- Use California Air Resources Board–approved renewable diesel fuel in off-road construction equipment and on-road trucks where feasible.
- Use U.S. Environmental Protection Agency SmartWay-certified trucks for deliveries and equipment transport where feasible.
- Require all construction equipment to be maintained and properly tuned in accordance with the manufacturer's specifications.
- Where grid power is available, prohibit portable diesel engines and provide electrical hook-ups for electric tools, such as saws, drills, and compressors; use electric tools whenever feasible.
- Where grid power is not available, use alternative fuels, such as propane or solar electrical power, for generators at construction sites whenever feasible.
- Encourage and provide carpools, shuttle vans, transit passes, and/or secure bicycle parking to construction workers and offer meal options on-site or shuttles to nearby meal destinations for construction employees.
- Reduce electricity use in the construction office by using LED bulbs, powering off computers every day, and replacing heating and cooling units with more efficient ones.
- Minimize energy used during site preparation by deconstructing existing structures to the greatest extent feasible.
- Recycle or salvage nonhazardous construction and demolition debris, with a goal of recycling at least 15 percent more, by weight, than the diversion requirement in Title 24.
- Use locally sourced or recycled materials for construction (goal of at least 20 percent, based on cost of building materials and volume of roadway, parking lot, sidewalk, and curb materials).
- Use low-carbon concrete, minimize the amount of concrete used, and produce concrete on-site where feasible if it is more efficient than transporting ready-mix.
- Develop a plan to efficiently use water for adequate dust control because substantial amounts of energy can be consumed by pumping water.
- Include all requirements in applicable bid documents, purchase orders, and contracts, with successful contractors demonstrating the ability to supply compliant on- or off-road construction equipment prior to any ground-disturbing and construction activities.

The City Municipal Code promotes redirection of recyclable materials generated during construction away from landfills (Chapter 15.60) and requires all project applicants to submit a recycling management plan to estimate the volume of debris generated during construction and the estimated amount of debris that would be sent to the landfill. Furthermore, Section 15.62 of the City Municipal Code requires the City to encourage contractors to make every structure planned for demolition available for deconstruction, salvage, and recovery prior to demolition and recover the maximum feasible amount of salvageable designated recyclable and reusable materials prior to demolition.

Operational Emissions

Area, energy, water, and waste emissions were estimated using CalEEMod. Area sources include gas-powered landscaping equipment. Energy sources are typically associated with the combustion of natural gas as well as the use of electricity. Water consumption results in indirect GHG emissions from the conveyance and treatment of water, and waste generation results in fugitive CH_4 and N_2O emissions from decomposition of organic matter. Net emissions associated with the project were estimated by subtracting emissions associated with existing land uses from emissions associated with proposed land uses.

Table 15 shows existing land use emissions, proposed project emissions, and the difference between the two, which is the net impact of the proposed project. The area-source emissions in Table 15 assume implementation of Measure AQ-3, Require Use of Zero-Emission Landscape Equipment, which was proposed to reduce ROG emissions, as explained in Section 2.3.3. This would also reduce GHG emissions. The operational modeling outputs and detailed assumptions are included in Appendix A.

Table 15. Annual Net Operational Greenhouse Gas Emissions (metric tons per year)

Source	CO_2	CH_4	N_2O	HFCs	CO_2e
Existing Land Uses					
Area Sources	—	—	—		—
Energy Use[a]	—	—	—		—
Mobile Sources	723	<1	<1	< 1	734
Solid Waste Generation	—	1	—	—	35
Water Use	—	1	<1	—	31
Total Existing On-site Operational Emissions (per year)	*723*	*2*	*<1*	*< 1*	*800*
Proposed Project					
Area Sources[a]	—	—	—	< 1	14
Energy Use[b]	—	—	—	—	—
Mobile Sources	11,823	< 1	< 1	< 1	11,953
Stationary Sources	919	< 1	< 1	—	922
Solid Waste Generation	—	12	—	—	301
Water Use	—	< 1	< 1	—	10
Vegetation	-56	—	—	—	-56
Total Project On-Site Operational Emissions (per year)	*12,687*	*13*	*< 1*	*< 1*	*13,145*
Net Project Emissions	**11,963**	**10**	**< 1**	**< 1**	**12,345**

CH_4 = methane; CO_2 = carbon dioxide; CO_2e = carbon dioxide equivalent; N_2O = nitrous oxide; HFCs = hydrofluorocarbons

a. Area sources include refrigerants.

b. The existing project site is currently receiving on-site electricity from on-site renewables or Peninsula Clean Energy, which means there are no energy-related emissions. Peninsula Clean Energy uses 100 percent renewable sources to generate electricity. The proposed project would have all-electric buildings that would receive electricity from on-site renewables or Peninsula Clean Energy, indicating that there would be no energy-related emissions.

As shown in Table 15, the proposed project would result in approximately 13,145 $MTCO_2e$ per year. Net emissions associated with the project were estimated by subtracting emissions associated with existing land uses from proposed land uses. Net project emissions would total 12,346 $MTCO_2e$ per year. As discussed above, BAAQMD's GHG threshold is centered around design elements rather than a quantitative bright-line threshold. Nevertheless, this analysis presents quantified GHG emissions for project operations.

BAAQMD land use GHG thresholds are established to ensure that projects meet their "fair share" contribution and help the State meet its long-term climate goals (SB 32 and EO B-55-18). BAAQMD has identified design elements and metrics that, if achieved by a project, represent a fair share as to contributing to long-term State goals. These design elements and metrics include not incorporating natural gas infrastructure in the project design, not wasting electricity, promoting EV use and charging consistent with CALGreen Tier 2 requirements, and, lastly, reducing VMT in accordance with the 2017 Scoping Plan. The proposed project's consistency with these requirements is discussed in Table 16.

Table 16. Project Consistency with the BAAQMD GHG Land Use Thresholds (Option A)

Sector	BAAQMD Threshold Option A (refer to Table 12)	Project Consistency
Buildings	a) The project will not include natural gas appliances or natural gas plumbing (in both residential and nonresidential development).	**Consistent.** The proposed project would not include natural gas infrastructure in its design. It would therefore be consistent with this BAAQMD requirement.
	b) The project will not result in any wasteful, inefficient, or unnecessary electrical usage, as determined by the analysis required under CEQA Section 21100(b)(2) and Section 15126.2(b) of the State CEQA Guidelines.	**Consistent.** The proposed project would pursue Leadership in Energy and Environmental Design (LEED) certification. As part of its design, the proposed project would include a PV solar system. Furthermore**,** the new building would be built under current or later CALGreen codes, which would result in at least 30 percent less energy usage compared with commercial buildings that were designed to meet the 2016 CALGreen code. This reduction would be achieved primarily through a transition to high-efficiency lighting. As such, the proposed project would not waste energy and would be consistent with this BAAQMD requirement.
Transportation	a) Achieve compliance with electric-vehicle requirements in the most recently adopted version of CALGreen Tier 2.	**Consistent.** The proposed project would meet the CALGreen Tier 2 nonresidential voluntary requirement (i.e., 45 percent of all spaces to be EV capable and 33 percent of the EV spaces to have electric-vehicle supply equipment [EVSE]). As such, the proposed project would be consistent with this BAAQMD requirement.

Sector	BAAQMD Threshold Option A (refer to Table 12)	Project Consistency
Transportation	b) Achieve a reduction in project-generated vehicle miles traveled (VMT) to a level below the regional average, consistent with the current version of the California Climate Change Scoping Plan, or meet a locally adopted Senate Bill 743 VMT target, reflecting the recommendations provided in the Governor's Office of Planning and Research Technical Advisory on Evaluating Transportation Impacts in CEQA: i. Residential projects: 15 percent below the existing VMT per capita, ii. Office projects: 15 percent below the existing VMT per employee, and iii. Retail projects: no net increase in existing VMT.	**Consistent.** The proposed project, which would be a nonresidential project, would develop a new R&D building and parking lot near residential and commercial uses, thereby reducing the demand for travel by single-occupancy vehicles. In addition, the project area is served by public transit. The proposed project would develop and implement a TDM plan consistent with the City's TDM ordinance, with measures that would reduce vehicle traffic in and around the project site. Also, the proposed project's bicycle and pedestrian facilities would help reduce the demand for travel in single-occupancy vehicles. In total, through its design and TDM plan, the proposed project would achieve a reduction in VMT of 29.5 percent relative to unmitigated conditions, which is more than the 28 percent reduction needed to reduce existing regional VMT by 15 percent. This reduction would achieve the BAAQMD threshold regarding a VMT reduction (i.e., 15 percent below existing VMT per employee). The proposed project would be consistent with this BAAQMD requirement.

Source: BAAQMD 2022b.

As demonstrated in Table 16, the project would meet all BAAQMD requirements; therefore, the proposed project would be consistent with BAAQMD Threshold Option A.

Consistency with Applicable Plans, Policies, and Regulations Adopted for the Purpose of Reducing GHG Emissions

At the local level, the City's CAP is the plan for reducing GHG emissions. At the state level, the 2022 Scoping Plan is State's plan for reducing GHG emissions. The project's consistency with the City CAP and the scoping plan is assessed here to determine the significance of this impact. In addition, the project's consistency with BAAQMD's 2017 Clean Air Plan and Plan Bay Area 2050/SB 375 is also evaluated.

Consistency with the City of South San Francisco's Climate Action Plan

The City adopted a CAP in 2022 to reduce community and municipal GHG emissions associated with General Plan buildout. The CAP is a roadmap that outlines a path for achieving carbon neutrality by 2045, reducing emissions 40 percent by 2030 and 80 percent by 2040, equitably mitigating and addressing the impacts of climate change, and realizing the co-benefits of climate mitigation actions that help create a sustainable community. The CAP features 62 recommended GHG emissions reduction measures within seven sectors of community and municipal operations: clean energy,

built environment, transportation and land use, solid waste, waste and wastewater, carbon sequestration and natural systems, and city leadership. The proposed project's operational emissions are discussed by sector and evaluated for CAP consistency.[21]

Transportation and Land Use Emissions

As shown in Table 15, emissions associated with net mobile sources would amount to approximately 11,219 $MTCO_2e$ per year. The TDM plan includes 13 measures that would be implemented to reduce the number of trips. The measures include subsidizing transit passes for employees, establishing carpool or vanpool programs, and providing bicycle storage and shower and locker facilities. In addition, the CAP has nine transportation and land use measures. Although many of the measures require action on the City's part to create policies and incentive programs, the proposed project supports the measures that are considered applicable, as evaluated in Table 17, below.

Table 17. Consistency of the Project with the City of South San Francisco's Transportation and Land Use Measures

Measure Category	Description of Measure	Applicable?	Project Implementation	Consistent?
TL 2.1: Trip CAP on East of 101	Implement an East of 101 area trip cap with triennial monitoring and corrective actions if exceeded to manage the number of vehicles entering the area.	No	This measure is a City action and would not be applicable to the proposed project, which is not located in the East of 101 area.	N/A
TL 2.2: TDM Program	Implement, monitor, and enforce compliance with the City's TDM Ordinance	Yes	The proposed project would be required to achieve a 50 percent non-drive-alone mode share and be compliant with an on-site trip cap, both to be monitored annually, which is consistent with the City's TDM Ordinance.	Yes
TL 2.3: Improve Curb Management	Evaluate the current and best use of curb space in the city's activity centers and repurpose space to maximize people served (i.e., for loading, bikeways, bike parking, bus lanes, EV charging, or parklets).	No	This measure is a City action and would not be applicable to the proposed project.	N/A

[21] The proposed project is not compared to the city leadership measures because the measures are applicable only to City municipal buildings.

Measure Category	Description of Measure	Applicable?	Project Implementation	Consistent?
TL 2.4: Parking Demand Management Strategy	Incorporate maximum parking requirements for new residential and office/R&D projects.	Yes	The proposed project would provide 2,976 parking spaces. Of these, 2,434 spaces would be for primarily R&D uses, consistent with the City's maximum allowable parking supply (i.e., 1.5 spaces per 1,000 sf).	Yes
TL 2.5: Development along Transit Corridors	For all new land use and transportation projects, adhere to the City's VMT analysis guidelines and qualitatively assess the project's effect on multimodal access. Use the development review process to identify opportunities to enhance bicycle, pedestrian, and transit connectivity.	Yes	The proposed project has a TDM plan with 13 measures that are designed to reduce the number of trips and VMT. In addition, the project would provide first-mile/last-mile shuttles to the San Bruno Bay Area Rapid Transit (BART) station and South San Francisco Caltrain station. The project sponsor would establish new routes, with at least one vehicle dedicated to each route and service at least every 15 minutes during the AM and PM peak periods. Shuttles would be free and open to the public. Implementation of the TDM plan would reduce project VMT by 29.5 percent relative to unmitigated conditions, bringing it in line with the City's VMT per-capita reduction goal of 15 percent below the regional average.	Yes
TL 2.6: Complete Streets Policy	Ensure that all roadway and development projects are designed and evaluated to meet the needs of all street users and that development projects contribute to multimodal improvements in proportion to their potential impacts on vehicle miles traveled. Develop Capital Improvement Program prioritization criteria,	Yes	The proposed project would provide continuous bike and pedestrian access throughout the campus, which would support this measure's goal that calls for designing projects that meet the needs of all street users.	Yes

Measure Category	Description of Measure	Applicable?	Project Implementation	Consistent?
	including equity considerations for SB 1000 neighborhoods, to strategically advance multimodal complete streets projects. All capital improvements and development projects incorporate bicycle and pedestrian improvements identified in the Active South City Plan, such as trails, bikeways, bicycle detection at traffic signals, high-visibility crosswalks, and pedestrian-oriented site plans.			
TL 2.7: Free Local Bus Service	Develop a dedicated funding source or leverage private sector contributions to fund the South City shuttle and free bus service for South City residents.	No	This measure is a City action and not applicable to the proposed project.	N/A
TL 2.8: Improve Transit Station Access	Leverage public-private partnerships to increase transit ridership and improve transit station access by incorporating first-mile/last-mile bus, shuttle, and active transportation connections between employment hubs and regional transit stations.	No	This measure is a City action and not applicable to the proposed project.	N/A
TL 2.9: Scale Transit Service Levels	Continue collaboration with Caltrain, San Mateo County Transit District (SamTrans), Water Emergency Transportation Authority (WETA), and shuttle providers to scale service levels in growing areas and leverage private sector subsidies of transit fares to support BART, Caltrain, SamTrans, and WETA ridership.	No	This measure is a City action and not applicable to the proposed project.	N/A

Note:
N/A = not applicable

Federal, State, and local regulatory efforts target three elements of emissions reduction: vehicle fuel efficiency, the carbon content of fuels, and VMT. Most adopted programs and regulations focus on fuel efficiency (e.g., CAFE standards, Pavley standard) and the carbon intensity of transportation fuels (e.g., LCFS). Vehicle electrification is also rapidly becoming part of the State's approach to reducing mobile-source emissions (e.g., Title 24). The proposed project would not include any features that would conflict with these programs. Rather, it would implement a TDM plan that would reduce the number of trips and VMT. A recent CARB assessment makes clear that the State is "not on track to meet greenhouse gas reductions expected under SB 375." SB 743 is intended to close the VMT and emissions reduction gap. There is therefore a nexus between SB 743 and State goals to reduce mobile-source GHG emissions. In response to SB 743, OPR released its technical advisory on evaluating transportation impacts under CEQA in December 2018. The advisory indicates that "achieving 15 percent lower per capita (residential) or per employee (office) VMT than existing development is both generally achievable and is supported by evidence that connects this level of reduction to the state's emissions goals." This reduction goal is consistent with recent CARB (2019) analysis, which demonstrates that a 14.3 percent reduction in VMT per capita by 2050 (compared to a 2015–2018 average) would be needed statewide to meet the GHG planning goals.

The proposed project would implement a TDM plan that would achieve a gross VMT reduction of approximately 30 percent. This would align with the City's VMT per-capita reduction target of 15 percent below the regional average, which is designed to meet statewide VMT reduction goals. Therefore, it would not conflict with the State's long-term emissions reduction trajectory for mobile sources.

Area Emissions

As shown in Table 15, emissions associated with net area sources would amount to approximately 14 $MTCO_2e$ per year. The CAP does not include measures specific to area-source emissions. In addition, there are no relevant measures in the scoping plan for landscaping equipment. A transition away from fossil-fuel equipment will be needed to achieve carbon neutrality by 2045. The proposed project supports this with Measure AQ-3, which requires the use of zero-emission landscaping equipment. This is consistent with the scoping plan's overall goal of reducing emissions from fossil-fuel landscaping equipment.

Energy Emissions

As shown in Table 15, the proposed project would not generate emissions associated with energy sources. The proposed project would have all-electric buildings and receive electricity from on-site renewables or renewable sources from Peninsula Clean Energy, which means that there would be no energy-related emissions. The City CAP has seven energy measures, all of which require action on the City's part, such as creating policies and incentive programs. The proposed project supports the applicable measures, as evaluated in Table 18, below.

Table 18. Consistency of the Project with the City of South San Francisco's Energy Measures

Measure	Description of Measure	Applicable?	Project Implementation	Consistent?
CE 1.1: Adopt Solar Reach Code for Nonresidential Buildings	Require the construction of any new nonresidential conditioned space of 5,000 sf or more, or the conversion of unconditioned space 5,000 sf or more, to meet a minimum of 50 percent of modeled building electricity needs with on-site renewable energy sources, as feasible. To calculate 50 percent of building electricity needs for the new conditioned space, the applicant shall calculate building electricity use as part of the Title 24 compliance process. Total electricity use shall include total use for the new conditioned space, excluding process energy.	Yes	The proposed project would contract with PCE, which would provide electricity from renewable sources. The project site currently offsets building electricity needs by 3 percent with the incorporation of solar canopies and other energy-efficient design features. The proposed project would continue to work with its consultant, Atelier Ten, to achieve an offset of 5 percent, if feasible. Achieving more than a 5 percent offset with on-site renewable energy sources (e.g., solar canopies, wind turbines, energy-efficient design features) may not be feasible with life science and R&D uses due to the equipment plug loads, fans and pumps, and space heating required for laboratory buildings. The proposed project would be consistent with this measure.	Yes
CE 1.2: Streamline Permitting and Approval Processes for Battery Storage Systems	Establish a streamlined approval process for battery storage systems and reduce or eliminate permitting fees to encourage the addition of battery storage.	No	This measure is an action the City will perform and does not apply to this project.	N/A

Measure	Description of Measure	Applicable?	Project Implementation	Consistent?
CE 1.3: Streamline PV System Permitting and Approval	Establish a streamlined PV system permitting and approval process to encourage the addition of solar PV systems.	No	This measure is an action the City will perform and does not apply to this project.	N/A
CE 1.4: Develop a Program to Provide Energy Resilience through Backup Energy Systems, Microgrids, and Other Measures	Provide energy resilience through backup energy systems, microgrids, and other measures that serve the community during emergency events, particularly disadvantaged communities; consider creating a financial incentive program for existing and new solar/battery backup system installations.	No	This measure is an action the City will perform and does not apply to this project.	N/A
CE 1.5: Work with Pacific Gas and Electric (PG&E) to Minimize the Impacts of Public Safety Power Shutoffs	Work with PG&E to minimize the impacts of Public Safety Power Shutoffs and prevent utility shutoffs during extreme heat events.	No	This measure is an action the City will perform and does not apply to this project.	N/A
CE 1.6: Explore Community-Scale Solar and Other Renewable Energy Implementation	Explore opportunities to install community-scale solar PV or other renewable energy systems, including biogas, to support local energy resiliency and provide renewable energy to disadvantaged communities.	No	This measure is an action the City will perform and does not apply to this project.	N/A
CE 2.1: Achieve and Maintain 95 Percent Participation in PCE 100 Percent Renewable Energy Tier	Maintain City membership in PCE and continue to work to maintain a minimum of 95 percent of private-owner participation in PCE.	No	This measure is an action the City will perform and does not apply to this project.	N/A

Note:
N/A = not applicable

Solid Waste Emissions

As shown in Table 15, emissions associated with solid waste sources would amount to approximately 266 $MTCO_2e$ per year. The CAP has six solid waste measures, most of which require action on the City's part to create policies and incentive programs. Two of the measures evaluated in Table 18 are applicable to the project.

Table 19. Consistency of the Project with the City of South San Francisco's Solid Waste Measures

Measure Category	Description of Measure	Applicable?	Project Implementation	Consistent?
SW 1.1: Zero-Waste Plan	Adopt an SB 1383–compliant zero-waste plan for municipal operations and the community that includes mandatory residential and commercial recycling and collection of organics/food waste, mandatory commercial edible food recovery program (per memorandum of understanding with San Mateo County Office of Sustainability), and updated trash enclosure space and access requirements, based on hauler recommendations, to accommodate all waste streams (e.g., recycling, trash, organics).	Yes	Although this measure is an action item for the City, the proposed project will have recycling containers in the utility yard and organic waste services, which supports the City's goal to increase participation in recycling and organic waste programs.	Yes
SW 1.2: SSF Scavenger Partnership	Continue to work with SSF Scavenger to ensure implementation of waste reduction targets.	No	This measure is an action item for the City and is not applicable to the proposed project.	N/A
SW 1.3: Waste Reduction Compliance Pathways	Establish compliance pathways and enforcement mechanisms for mandatory diversion of organics and food waste.	Yes	Although this measure is an action item for the City, the proposed project would provide organics/composting waste services, which supports the City's goal to divert organics from the landfill.	Yes
SW 1.4: Educational Outreach about Waste Diversion	Develop education and technical assistance programs to help all residents and businesses to compost and recycle.	No	This measure is an action item for the City and is not applicable to the proposed project.	N/A
SW 1.5: Waste Rate Structures	Explore modifying waste rate structures to encourage efficiency in future franchise agreements.	No	This measure is an action item for the City and is not applicable to the proposed project.	N/A
SW 1.6: City Green Purchasing Program	Establish a green purchasing program for City of South San Francisco municipal operations.	No	This measure is an action item for the City and is not applicable to the proposed project.	N/A

Note:
N/A = not applicable

The features described above (e.g., recycling, organic waste collection) are consistent with the scoping plan's overall goal of reducing waste emissions and its specific strategy to avoid landfill CH_4 emissions by reducing the disposal of landfill waste and organics. In addition, these features would comply with AB 341's mandatory recycling requirement and support the State's recycling goal.

Water and Wastewater Emissions

As shown in Table 15, emissions associated with net water and wastewater sources would amount to approximately 21 $MTCO_2e$ per year. The CAP has seven measures related to the water and wastewater sector. Although all measures require action on the City's part to create policies and incentive programs, the proposed project supports one measure that is considered applicable, as evaluated in Table 20.

Table 20. Consistency of the Project with the City of South San Francisco's Water and Wastewater Measures

Measure	Description of Measure	Applicable?	Project Implementation	Consistent?
WW 1.1: Landscaping Water Requirements	Achieve greater water use reductions than those of the Water-Efficient Landscape Ordinance by requiring all landscapes to obtain a landscape permit, decreasing the size threshold to capture all landscape renovations, and adding prescriptive irrigation plant lists or water budget requirements.	No	This measure is an action the City will perform and does not apply to the proposed project.	N/A
WW 1.2: Alternative Water Sources	Explore options at the South San Francisco – San Bruno Water Quality Control Plant for delivering non-potable, recycled water for cooling towers, processes, and irrigation in East of 101 (e.g., flow-pipe water). Maximize available non-potable water reuse from the Orange Park stormwater capture project at Orange Memorial Park, Centennial Way, and the new Civic Campus.	No	This measure is an action the City will perform and does not apply to the proposed project.	N/A
WW 1.3: Promote Greywater Systems	Create a streamlined permit process for laundry-to-landscape greywater systems.	No	This measure is an action the City will perform and does not apply to the proposed project.	N/A

Measure	Description of Measure	Applicable?	Project Implementation	Consistent?
WW 1.4: Landscaping Plant List	Develop a plant list and a landscaping palette for efficiency and for habitat/wildlife for new development and landscape retrofits.	No	This measure is an action the City will perform and does not apply to the proposed project.	N/A
WW 1.5: Install Smart Meters	Partner with the California Water Service to install smart water meters throughout the city.	No	This measure is an action the City will perform and does not apply to the proposed project.	N/A
WW 2.1: Indoor Water Efficiency Standards	Require high-efficiency fixtures in all new construction and major renovations that are comparable to CALGreen Tier 1 or 2 standards.	Yes	The project would use high-efficiency fixtures, which would be comparable to CALGreen Tier 1 or 2 standards.	Yes
WW 2.2: Promote Available Rebates	Promote available water conservation rebates from the Bay Area Regional Energy Network, California Water Service, and other sources, focusing resources in the most disadvantaged communities.	No	This measure is an action the City will perform and does not apply to the proposed project.	N/A

Note:
N/A = not applicable

The proposed project would include several water conservation features. Furthermore, it would be required to comply with all applicable City and State water conservation measures for both indoor and outdoor applications, including Title 24, Part 6, the California Energy Code baseline standards for energy efficiency, as based on the 2022 Energy Efficiency Standards and CALGreen. The features would be consistent with the scoping plan's overall goal of reducing emissions associated with water delivery and would support ongoing regulatory programs (e.g., SB X7-7, Title 24) that aim to reduce GHG emissions associated with conveying and distributing water.

Carbon Sequestration and Natural Systems

The CAP has four carbon sequestration and natural system measures. Three of these measures require action on the City's part; one measure is applicable to the proposed project, as evaluated in Table 21.

Table 31. Consistency of the Project with the City of South San Francisco Carbon Sequestration and Natural Systems Measures

Measure Category	Description of Measure	Applicable?	Project Implementation	Consistent?
CS 1.1: Carbon Farming	Explore compost application on available acres of appropriate open space.	No	This measure is an action for the City to take; it is not applicable to this project.	N/A
CS 2.1: Public Tree Planting	Expand the canopy cover to reach the goals of the Urban Forest Master Plan and increase environmental benefits, prioritizing disadvantaged communities and connected wildlife corridors.	Yes	The project would plant 662 trees in the central courtyard, surface parking area, and terrace areas and along the western and southern perimeters of the project site, thereby expanding the tree canopy, thereby helping to achieve the goals of the Urban Forest Master Plan.	Yes
CS 2.2: Tree Standards for New Development	For nonresidential and residential new construction, require Silva Cells and a soil compaction plan for tree growth; require the preservation and addition of trees on private property in residential neighborhoods through design review where appropriate. Incorporate Parks and Recreation urban forest personnel in the review process.	Yes	The proposed project would incorporate Silva Cells and a soil compaction plan for tree growth where appropriate.	Yes
CS 3.1: Colma Creek Restoration	Enhance Colma Creek as an ecological corridor by restoring 5 miles of creek ecologies and creating transitional habitat zones to build resilience and ecosystem services. Protect and expand existing marsh and wetland habitat to improve water quality, adapt to climate change, and provide habitat for wildlife.	No	This measure is an action for the City to take; it is not applicable to this project.	N/A

Note:
N/A = not applicable

Built Environment

The CAP has two built-environment measures that focus on new construction and 10 built-environment measures that focus on existing buildings. Because the proposed project would demolish all existing structures on the site, Table 22 compares the proposed project to only the measures pertaining to new construction. Although the project would include emergency generators, Measure BE 1.8, Transition to Carbon-Free Backup Power, is included below to show that the project would still be consistent with the City's CAP because Measure BE 1.8 does not indicate that new development can have only carbon-free backup generators.

Table 22. Consistency of the Project with the City of South San Francisco Built Environment – New Construction Measures

Measure Category	Description of Measure	Applicable?	Project Implementation	Consistent?
BNC 1.1: Improve the Energy Efficiency of New Construction	Provide a combination of financial and development process incentives (e.g., expedited permitting, increases in floor area ratios) to encourage new development to exceed the Title 24 energy efficiency standard.	No	This is an action for the City and does not apply to the proposed project.	N/A
BNC 2.1: Adopt an All-Electric Reach Code for Nonresidential New Construction	Implement a residential all-electric reach code and adopt an all-electric reach code for nonresidential new construction. Exempt occupancies must install electric building systems (e.g., space and water heating equipment) where feasible. Until the adoption of the nonresidential all-electric reach code, require any new nonresidential conditioned space of 5,000 sf or more, or the conversion of unconditioned space of 5,000 sf or more, to comply with CALGreen Tier 2 energy efficiency requirements to exceed mandatory energy efficiency requirements by 20 percent or more. For additions to existing development of 5,000 sf or more, CALGreen Tier 2 shall be calculated as part of the Title 24 compliance	Yes	The proposed project would have all-electric buildings.	Yes

Measure Category	Description of Measure	Applicable?	Project Implementation	Consistent?
	process. Existing building space that has already been permitted shall not be subject to CALGreen Tier 2 requirements.			
BE 1.8: Transition to Carbon-Free Backup Power	Work with PG&E and PCE to transition backup generators from diesel to carbon-free sources, including battery storage systems.	No	This is an action for the City and does not apply to the proposed project.	N/A

Note:
N/A = not applicable

Consistency with Senate Bill 32 (including the CARB 2022 Scoping Plan)

SB 32 outlines the State's GHG emissions reduction targets for 2030. Although not legislatively adopted, EO S-03-05 establishes the State's long-term goal to reduce GHG emissions 80 percent from 1990 levels by 2050. AB 1279 sets a more ambitious State goal of net-zero GHG emissions by 2045 and an 80 percent reduction in anthropogenic emissions from 1990 levels by 2045.

In 2008 and 2014, CARB adopted the original scoping plan and first update, respectively, as a framework for achieving AB 32. The scoping plan and first update outline a series of technologically feasible and cost-effective measures to reduce statewide GHG emissions. CARB adopted the 2022 Scoping Plan in July of that year to assess progress toward the statutory 2030 target while laying out a path to achieving carbon neutrality no later than 2045. CARB's 2022 Scoping Plan outlines the main strategies for keeping California on track and able to meet its SB 32 GHG reduction target (i.e., reduce GHG emissions to at least 40 percent below 1990 levels by 2030), achieve carbon neutrality by 2045, and reduce anthropogenic emissions to 85 percent below 1990 levels (CARB 2022a). Regarding project-level GHG analyses, Appendix D to CARB's 2022 Scoping Plan, Local Actions, notes:

> When jurisdictions have a CEQA-qualified CAP, an individual project that complies with the strategies and actions within a CEQA-qualified CAP can tier and streamline its project-specific CEQA GHG analysis to make a determination "that a project's incremental contribution to a cumulative [GHG] effect is not cumulatively considerable" (State CEQA Guidelines Sections 15064.4 (b)(3) and 15183.5).

As discussed above in the *Consistency with the City of South San Francisco's Climate Action Plan* section, the City's 2022 CAP does not satisfy the tiering requirements established in Section 15183.5 of the State CEQA Guidelines and therefore cannot be used to determine the significance of an individual project's GHG emissions. As indicated in Appendix D to CARB's 2022 Scoping Plan, the City's CAP, while not qualified for tiering, incorporates various measures pertaining to transportation electrification, VMT reductions, and building decarbonization. As described above, the project would be consistent with all required and applicable measures of the City's CAP.

Appendix D to CARB's 2022 Scoping Plan, Local Actions, also identifies key project attributes that empirical evidence has shown to reduce operational GHG emissions while simultaneously advancing fair housing. CARB concludes that "[r]esidential and mixed-use projects that have all of the key project attributes in Table 3 [Key Residential and Mixed-Use Project Attributes that Reduce GHGs] should accommodate growth in a manner consistent with State GHG reduction and equity

prioritization goals" (CARB 2022a). Although this project does not include residential uses, it is a mixed-used non-residential project. As such, this analysis also evaluates the project's consistency with the scoping plan–identified key project attributes to provide a comprehensive assessment of the project's GHG impact. The project's consistency with these attributes is discussed in Table 23.

Table 23. Project Consistency with the CARB 2022 Scoping Plan Key Project Attributes

Project Attribute	Project Consistency
Transportation Electrification	
Provides EV charging infrastructure that, at a minimum, meets the most ambitious voluntary standard in the California Green Building Standards Code at the time of project approval.	**Consistent**. Currently, the most ambitious voluntary standard in the CALGreen code would be the voluntary Tier 2 nonresidential standard (i.e., 45 percent of all spaces to be EV capable and 33 percent of the EV spaces to have EVSE). The project would meet the voluntary Tier 2 nonresidential standard for EV charging infrastructure under the 2022 CALGreen code. As such, the project would be consistent with this attribute.
VMT Reduction	
Is located on infill sites that are surrounded by existing urban uses and reuses or redevelops previously undeveloped or underutilized land that is presently served by existing utilities and essential public services (e.g., transit, streets, water, sewer).	**Consistent**. The project proposes infill mixed-use development in an existing urbanized area, thereby supporting local, regional, and State mobility and GHG reduction objectives to reduce VMT and infrastructure costs. As such, the project would be consistent with this attribute.
Does not result in the loss or conversion of natural and working lands.	**Consistent**. The project site is in an existing urbanized area and currently occupied by industrial buildings and a paved surface parking lot. As such, the project would not result in the loss or conversion of natural or working lands and would be consistent with this attribute.
Consists of transit-supportive densities (minimum of 20 residential dwelling units per acre) or is in proximity to existing transit stops (within a half mile) or satisfies more detailed and stringent criteria specified in the region's SCS.	**Consistent**. The project site is within a 0.5 mile of an existing bus stop at Herman Street and Pacific Avenue. In addition, the project would provide first-mile/last-mile shuttles to the San Bruno BART station and South San Francisco Caltrain station. The project sponsor would establish new routes, with at least one vehicle dedicated to each route and service at least every 15 minutes during the AM and PM peak periods. Shuttles would be free and open to the public. As such, the project would be consistent with this attribute because it would facilitate connections to major transit services.
Reduces parking requirements by eliminating parking requirements or including maximum allowable parking ratios (i.e., the ratio of parking spaces to residential units or square feet) or providing a residential parking supply at a ratio of less than one parking space per dwelling unit or, for multi-family residential development, requiring parking costs to be unbundled from costs to rent or own a residential unit.	**Consistent**. The proposed project would provide 2,976 parking spaces. Of these, 2,434 spaces would be used primarily for R&D uses. This would be below the City's maximum allowable parking ratio of 1.5 spaces per 1,000 sf. Because the project would provide less parking than the maximums set forth in the City Code, the project would be consistent with this attribute.

Project Attribute	Project Consistency
At least 20 percent of units included are affordable to lower-income residents.	**N/A**. The project is a nonresidential project. This attribute does not apply to the project.
Results in no net loss of existing affordable units.	**Consistent**. The project site is currently occupied by industrial buildings and a paved surface parking lot. The project would therefore not result in a net loss in existing affordable units and would be consistent with this attribute.
Building Decarbonization	
Uses all-electric appliances without natural gas connections and does not use propane or other fossil fuels for space heating, water heating, or indoor cooking.	**Consistent**. The project would build all-electric buildings; natural gas would not be used. As such, the project would be consistent with this attribute.

Source: CARB 2022a.

As discussed above in Table 23, the project would incorporate all scoping plan–identified key project attributes. The project's consistency with the scoping plan–identified key project attributes provides further evidence that the project would not conflict with implementation of CARB's 2022 Scoping Plan or attainment of the statewide GHG targets for 2030 and 2045 mandated by SB 32 and AB 1279, respectively. As such, the project would be consistent with the City's CAP and align with the GHG emissions reduction strategies outlined in CARB's 2022 Scoping Plan.

Plan Bay Area 2050/California Senate Bill 375

Plan Bay Area 2050 is consistent with SB 375, which requires MTC to adopt an SCS that outlines policies to reduce per capita GHG emissions from automobiles and light trucks. Environment and transportation are two of four elements discussed in MTC's Plan Bay Area 2050 (MTC; ABAG 2021). Both of these elements comprise a set of strategies that aim to reduce both VMT and emissions. The strategies include a mix of measures that encourage compact growth patterns, alternative transportation, transit, mobility and access, network expansion, and transportation investment.

It is estimated that the project would generate up to 10,110 daily vehicle trips. To reduce VMT and associated emissions, the project would improve conditions for walking and biking by providing on-street bicycle racks/lockers, as well as long-term bicycle racks for workers, and orienting buildings so as to be sidewalk facing, with multiple pedestrian entrances. The proposed project would be an infill development. This would involve redevelopment and densification of the site. In addition, the project would be near local transit lines and routes that provide safe and convenient access for bicyclists and pedestrians, thereby encouraging alternative transportation modes. Overall, the project would incorporate 13 TDM features, which are anticipated to reduce gross VMT by approximately 29.5 percent relative to unmitigated conditions. This reduction in gross VMT would make the project consistent with the City's VMT per capita reduction target of 15 percent below the regional average, which is designed to meet statewide VMT reduction goals.

These policies would support alternative transportation within the community, which could help reduce VMT and per capita GHG emissions from passenger vehicles, consistent with Plan Bay Area 2050.

Other State Regulations

As discussed above in the analysis of consistency with SB 32, systemic changes would be required at the state level to achieve statewide future GHG reduction goals. Regulations such as the SB 100–mandated 100 percent carbon-free RPS by 2045; implementation of the State's SLCP Reduction Strategy, including forthcoming regulations for composting and organics diversion; and future updates to the State's Title 24 standards, including requirements for net-zero energy, will be necessary to attain the magnitude of reductions required by the State's goals. The proposed project would be required to comply with these regulations in new construction (e.g., in the case of updated Title 24 standards) or be directly affected by the outcomes (e.g., energy consumption would be less carbon intensive with the increasingly stringent RPS). Unlike the scoping plans, which explicitly call for additional emissions reductions from local governments and new projects, none of these State regulations identify specific requirements or commitments for new development beyond what is already required by existing regulations or will be required in forthcoming regulation. Therefore, for the foreseeable future, the proposed project would not conflict with any state-level regulations pertaining to GHGs in the post-2020 era.

Conclusion

The proposed project would be consistent with and support all applicable measures from the CAP. In addition, as noted above, the project would be consistent with BAAQMD Threshold Option A. With respect to mobile sources, the proposed project would achieve the City's VMT reduction target, ensuring that the proposed project would be consistent with relevant regulatory programs, such as SB 743, that expressly aim to reduce VMT. In addition, the project would be consistent with CARB's 2022 Scoping Plan–identified key project attributes applicable to the project.[22] The project would also comply with Plan Bay Area 2050, the applicable regional plan for reducing mobile-source emissions in the San Francisco Bay Area. Therefore, the project would not conflict with State, regional, or local plans designed to achieve the GHG reduction goals mandated by SB 32 and AB 1279 for 2030 and 2045, respectively.

3.3.4 Cumulative Greenhouse Gas Impacts

Climate change is a global problem, and GHG impacts are inherently cumulative. This is because GHGs contribute to the global phenomenon that is climate change, regardless of where they are emitted. Climate change is the result of the individual contributions of countless past, present, and future sources.

[22] Although this analysis determines the project's alignment with CARB's 2022 Scoping Plan, based on its consistency with the City's CAP, the project's consistency with the scoping plan–identified key attributes provides further evidence that the project would not conflict with implementation of CARB's 2022 Scoping Plan or attainment of the statewide GHG targets for 2030 and 2045 mandated by SB 32 and AB 1279, respectively.

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Chapter 4
References

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Attachment A

Air Quality and Greenhouse Gases Modeling Files

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I131 North - Construction & Operation - 2/7/2024 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	I131 North - Construction & Operation - 2/7/2024
Construction Start Date	11/1/2028
Operational Year	2032
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	131 Terminal Ct, South San Francisco, CA 94080, USA
County	San Mateo
City	South San Francisco
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1292
EDFZ	1
Electric Utility	Peninsula Clean Energy
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Research & Development	808	1000sqft	18.5	808,000	65,634	0.00	—	—
General Office Building	4.00	1000sqft	0.09	4,000	325	0.00	—	—
Enclosed Parking with Elevator	552	1000sqft	12.7	551,631	0.00	0.00	—	—
Parking Lot	52.0	Space	0.47	0.00	0.00	0.00	—	—
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.18	8,000	650	0.00	—	—
Day-Care Center	4.05	1000sqft	0.09	4,050	328	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads
Area Sources	AS-1	Use Low-VOC Cleaning Supplies
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment
Area Sources	AS-2	Use Low-VOC Paints

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.88	22.5	20.6	82.7	0.10	0.36	109	109	0.34	18.2	18.4	—	21,370	21,370	1.11	1.02	27.0	21,590
Mit.	3.88	22.5	20.6	82.7	0.10	0.36	61.4	61.5	0.34	13.5	13.6	—	21,370	21,370	1.11	1.02	27.0	21,590
% Reduced	—	—	—	—	—	—	44%	44%	—	26%	26%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.21	22.5	44.2	80.4	0.20	0.60	98.9	99.5	0.58	15.7	16.0	—	35,409	35,409	4.32	3.47	1.17	36,551
Mit.	5.21	22.5	44.2	80.4	0.20	0.60	51.2	51.3	0.58	11.8	11.9	—	35,409	35,409	4.32	3.47	1.17	36,551
% Reduced	—	—	—	—	—	—	48%	48%	—	25%	26%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.89	13.6	11.1	37.1	0.05	0.13	44.5	44.6	0.13	8.11	8.18	—	10,443	10,443	0.64	0.42	5.43	10,548
Mit.	1.89	13.6	11.1	37.1	0.05	0.13	28.7	28.8	0.13	6.53	6.61	—	10,443	10,443	0.64	0.42	5.43	10,548
% Reduced	—	—	—	—	—	—	35%	35%	—	19%	19%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.34	2.48	2.03	6.77	0.01	0.02	8.12	8.14	0.02	1.48	1.49	—	1,729	1,729	0.11	0.07	0.90	1,746
Mit.	0.34	2.48	2.03	6.77	0.01	0.02	5.25	5.26	0.02	1.19	1.21	—	1,729	1,729	0.11	0.07	0.90	1,746
% Reduced	—	—	—	—	—	—	35%	35%	—	19%	19%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	3.33	20.6	20.6	65.9	0.10	0.36	98.4	98.8	0.34	15.7	16.0	—	19,518	19,518	1.11	1.02	27.0	19,826
2030	3.88	22.5	19.1	82.7	0.10	0.17	109	109	0.17	18.2	18.4	—	21,370	21,370	0.84	0.59	24.1	21,590
2031	0.95	2.20	3.27	20.1	0.02	0.04	14.0	14.1	0.04	3.46	3.50	—	6,873	6,873	0.66	0.16	5.54	6,942
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	5.21	2.44	44.2	80.4	0.20	0.60	98.9	99.5	0.58	15.4	15.9	—	35,409	35,409	4.32	3.47	1.17	36,551
2029	3.34	20.6	20.4	56.7	0.09	0.36	98.4	98.8	0.34	15.7	16.0	—	18,376	18,376	1.13	1.03	0.70	18,710
2030	3.20	22.5	16.8	61.4	0.07	0.11	74.9	75.0	0.11	14.2	14.3	—	16,478	16,478	0.67	0.44	0.54	16,609
2031	0.95	2.20	3.43	19.4	0.02	0.04	14.0	14.1	0.04	3.46	3.50	—	6,710	6,710	0.67	0.17	0.14	6,777
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.47	0.22	3.97	7.22	0.02	0.05	8.25	8.30	0.05	1.30	1.35	—	3,550	3,550	0.50	0.33	1.76	3,664
2029	1.68	5.38	11.1	32.1	0.05	0.13	42.7	42.8	0.13	7.13	7.26	—	9,695	9,695	0.64	0.42	5.43	9,841
2030	1.89	13.6	8.59	37.1	0.04	0.07	44.5	44.6	0.07	8.11	8.18	—	10,443	10,443	0.56	0.29	5.24	10,548
2031	0.21	0.45	0.66	4.06	< 0.005	0.01	3.21	3.22	0.01	0.79	0.80	—	1,783	1,783	0.25	0.05	0.55	1,804
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.09	0.04	0.73	1.32	< 0.005	0.01	1.51	1.52	0.01	0.24	0.25	—	588	588	0.08	0.05	0.29	607
2029	0.31	0.98	2.03	5.86	0.01	0.02	7.79	7.82	0.02	1.30	1.32	—	1,605	1,605	0.11	0.07	0.90	1,629
2030	0.34	2.48	1.57	6.77	0.01	0.01	8.12	8.14	0.01	1.48	1.49	—	1,729	1,729	0.09	0.05	0.87	1,746
2031	0.04	0.08	0.12	0.74	< 0.005	< 0.005	0.59	0.59	< 0.005	0.14	0.15	—	295	295	0.04	0.01	0.09	299

2.3. Construction Emissions by Year, Mitigated

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	3.33	20.6	20.6	65.9	0.10	0.36	50.9	51.3	0.34	10.9	11.3	—	19,518	19,518	1.11	1.02	27.0	19,826
2030	3.88	22.5	19.1	82.7	0.10	0.17	61.4	61.5	0.17	13.5	13.6	—	21,370	21,370	0.84	0.59	24.1	21,590
2031	0.95	2.20	3.27	20.1	0.02	0.04	14.0	14.1	0.04	3.46	3.50	—	6,873	6,873	0.66	0.16	5.54	6,942
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	5.21	2.44	44.2	80.4	0.20	0.60	47.7	48.3	0.58	10.1	10.7	—	35,409	35,409	4.32	3.47	1.17	36,551
2029	3.34	20.6	20.4	56.7	0.09	0.36	50.9	51.3	0.34	10.9	11.3	—	18,376	18,376	1.13	1.03	0.70	18,710
2030	3.20	22.5	16.8	61.4	0.07	0.11	51.2	51.3	0.11	11.8	11.9	—	16,478	16,478	0.67	0.44	0.54	16,609
2031	0.95	2.20	3.43	19.4	0.02	0.04	14.0	14.1	0.04	3.46	3.50	—	6,710	6,710	0.67	0.17	0.14	6,777
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.47	0.22	3.97	7.22	0.02	0.05	4.09	4.14	0.05	0.88	0.93	—	3,550	3,550	0.50	0.33	1.76	3,664
2029	1.68	5.38	11.1	32.1	0.05	0.13	24.0	24.1	0.13	5.26	5.39	—	9,695	9,695	0.64	0.42	5.43	9,841
2030	1.89	13.6	8.59	37.1	0.04	0.07	28.7	28.8	0.07	6.53	6.61	—	10,443	10,443	0.56	0.29	5.24	10,548
2031	0.21	0.45	0.66	4.06	< 0.005	0.01	3.21	3.22	0.01	0.79	0.80	—	1,783	1,783	0.25	0.05	0.55	1,804
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.09	0.04	0.73	1.32	< 0.005	0.01	0.75	0.76	0.01	0.16	0.17	—	588	588	0.08	0.05	0.29	607
2029	0.31	0.98	2.03	5.86	0.01	0.02	4.37	4.40	0.02	0.96	0.98	—	1,605	1,605	0.11	0.07	0.90	1,629
2030	0.34	2.48	1.57	6.77	0.01	0.01	5.25	5.26	0.01	1.19	1.21	—	1,729	1,729	0.09	0.05	0.87	1,746
2031	0.04	0.08	0.12	0.74	< 0.005	< 0.005	0.59	0.59	< 0.005	0.14	0.15	—	295	295	0.04	0.01	0.09	299

2.4. Operations Emissions Compared Against Thresholds

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.8	49.0	28.5	225	0.50	1.25	50.2	51.5	1.23	12.7	14.0	361	52,644	53,005	37.6	1.42	103	54,469
Mit.	21.2	36.5	28.0	166	0.50	1.14	50.2	51.4	1.15	12.7	13.9	361	52,398	52,759	37.6	1.42	103	54,223
% Reduced	33%	25%	2%	27%	1%	9%	—	< 0.5%	7%	—	1%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	21.0	39.0	29.7	155	0.47	1.14	50.2	51.4	1.15	12.7	13.9	361	50,232	50,593	37.6	1.55	35.0	52,031
Mit.	21.0	36.3	29.7	155	0.47	1.14	50.2	51.4	1.15	12.7	13.9	361	50,232	50,593	37.6	1.55	35.0	52,031
% Reduced	—	7%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	20.9	39.0	23.0	140	0.34	0.96	35.0	36.0	0.96	8.87	9.83	361	36,402	36,763	37.2	1.08	54.7	38,070
Mit.	15.7	31.5	22.7	111	0.34	0.91	35.0	35.9	0.92	8.87	9.79	361	36,280	36,642	37.2	1.08	54.7	37,948
% Reduced	25%	19%	1%	21%	1%	5%	—	< 0.5%	4%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.82	7.12	4.20	25.6	0.06	0.18	6.39	6.56	0.18	1.62	1.79	59.8	6,027	6,087	6.16	0.18	9.05	6,303
Mit.	2.86	5.76	4.15	20.2	0.06	0.17	6.39	6.55	0.17	1.62	1.79	59.8	6,007	6,066	6.16	0.18	9.05	6,283
% Reduced	25%	19%	1%	21%	1%	5%	—	< 0.5%	4%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.9	12.5	9.58	149	0.48	0.20	50.3	50.5	0.18	12.7	12.9	—	49,189	49,189	1.30	1.37	69.7	49,698
Area	10.7	29.9	0.50	59.8	< 0.005	0.11	—	0.11	0.08	—	0.08	—	246	246	0.01	< 0.005	—	247
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	31.8	49.0	28.5	225	0.50	1.25	50.2	51.5	1.23	12.7	14.0	361	52,644	53,005	37.6	1.42	103	54,469
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.7	12.3	11.3	138	0.46	0.20	50.3	50.5	0.18	12.7	12.9	—	47,023	47,023	1.38	1.50	1.81	47,507
Area	—	20.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	21.0	39.0	29.7	155	0.47	1.14	50.2	51.4	1.15	12.7	13.9	361	50,232	50,593	37.6	1.55	35.0	52,031
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.70	8.66	7.64	96.8	0.33	0.14	35.0	35.2	0.13	8.88	9.01	—	33,673	33,673	0.96	1.04	21.5	34,028

Area	5.25	25.0	0.25	29.5	< 0.005	0.05	—	0.05	0.04	—	0.04	—	121	121	0.01	< 0.005	—	122
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	5.96	5.43	15.2	13.8	0.03	0.80	0.00	0.80	0.80	0.00	0.80	0.00	2,776	2,776	0.11	0.02	0.00	2,785
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	20.9	39.0	23.0	140	0.34	0.96	35.0	36.0	0.96	8.87	9.83	361	36,402	36,763	37.2	1.08	54.7	38,070
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.77	1.58	1.39	17.7	0.06	0.03	6.39	6.42	0.02	1.62	1.64	—	5,575	5,575	0.16	0.17	3.56	5,634
Area	0.96	4.56	0.05	5.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	20.1	20.1	< 0.005	< 0.005	—	20.2
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27
Waste	—	—	—	—	—	—	—	—	—	—	—	58.3	0.00	58.3	5.83	0.00	—	204
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.49	5.49
Stationary	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Vegetation	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9
Total	3.82	7.12	4.20	25.6	0.06	0.18	6.39	6.56	0.18	1.62	1.79	59.8	6,027	6,087	6.16	0.18	9.05	6,303

2.6. Operations Emissions by Sector, Mitigated

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

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

Mobile	13.9	12.5	9.58	149	0.48	0.20	50.3	50.5	0.18	12.7	12.9	—	49,189	49,189	1.30	1.37	69.7	49,698
Area	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	21.2	36.5	28.0	166	0.50	1.14	50.2	51.4	1.15	12.7	13.9	361	52,398	52,759	37.6	1.42	103	54,223
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.7	12.3	11.3	138	0.46	0.20	50.3	50.5	0.18	12.7	12.9	—	47,023	47,023	1.38	1.50	1.81	47,507
Area	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	21.0	36.3	29.7	155	0.47	1.14	50.2	51.4	1.15	12.7	13.9	361	50,232	50,593	37.6	1.55	35.0	52,031
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.70	8.66	7.64	96.8	0.33	0.14	35.0	35.2	0.13	8.88	9.01	—	33,673	33,673	0.96	1.04	21.5	34,028
Area	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	5.96	5.43	15.2	13.8	0.03	0.80	0.00	0.80	0.80	0.00	0.80	0.00	2,776	2,776	0.11	0.02	0.00	2,785
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	15.7	31.5	22.7	111	0.34	0.91	35.0	35.9	0.92	8.87	9.79	361	36,280	36,642	37.2	1.08	54.7	37,948
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.77	1.58	1.39	17.7	0.06	0.03	6.39	6.42	0.02	1.62	1.64	—	5,575	5,575	0.16	0.17	3.56	5,634
Area	—	3.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27
Waste	—	—	—	—	—	—	—	—	—	—	—	58.3	0.00	58.3	5.83	0.00	—	204
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.49	5.49
Stationary	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Vegetation	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9
Total	2.86	5.76	4.15	20.2	0.06	0.17	6.39	6.55	0.17	1.62	1.79	59.8	6,007	6,066	6.16	0.18	9.05	6,283

3. Construction Emissions Details

3.1. Rough Grading/Site Demo (2028) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,238	5,238	0.21	0.04	—	5,256
Dust From Material Movement	—	—	—	—	—	—	5.03	5.03	—	0.67	0.67	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.46	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	488	488	0.02	< 0.005	—	490
Dust From Material Movement	—	—	—	—	—	—	0.47	0.47	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	2.46	2.46	< 0.005	0.25	0.25	—	6.93	6.93	< 0.005	< 0.005	0.01	7.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.8	80.8	< 0.005	< 0.005	—	81.1
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.45	0.45	< 0.005	0.04	0.04	—	1.15	1.15	< 0.005	< 0.005	< 0.005	1.21
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.05	0.59	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	184	184	< 0.005	< 0.005	0.01	184
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.80	0.43	25.7	18.4	0.11	0.21	14.8	15.0	0.21	3.80	4.01	—	17,187	17,187	2.37	2.77	0.78	18,072
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.2	17.2	< 0.005	< 0.005	0.02	17.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.26	0.04	2.36	1.72	0.01	0.02	1.34	1.36	0.02	0.35	0.36	—	1,601	1,601	0.22	0.26	1.20	1,685
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.43	0.31	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.07	—	265	265	0.04	0.04	0.20	279

3.2. Rough Grading/Site Demo (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,238	5,238	0.21	0.04	—	5,256

Dust From Material Movemen	—	—	—	—	—	—	1.31	1.31	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.46	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	488	488	0.02	< 0.005	—	490
Dust From Material Movemen	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.48	0.48	< 0.005	0.05	0.05	—	6.93	6.93	< 0.005	< 0.005	0.01	7.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.8	80.8	< 0.005	< 0.005	—	81.1
Dust From Material Movemen	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.09	0.09	< 0.005	0.01	0.01	—	1.15	1.15	< 0.005	< 0.005	< 0.005	1.21
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.05	0.59	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	184	184	< 0.005	< 0.005	0.01	184
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.80	0.43	25.7	18.4	0.11	0.21	14.8	15.0	0.21	3.80	4.01	—	17,187	17,187	2.37	2.77	0.78	18,072

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.2	17.2	< 0.005	< 0.005	0.02	17.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.26	0.04	2.36	1.72	0.01	0.02	1.34	1.36	0.02	0.35	0.36	—	1,601	1,601	0.22	0.26	1.20	1,685
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.43	0.31	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.07	—	265	265	0.04	0.04	0.20	279

3.3. Deep Foundations (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,555	2,555	0.10	0.02	—	2,564
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.72	1.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	220	220	0.01	< 0.005	—	221
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	2.27	2.27	< 0.005	0.23	0.23	—	6.41	6.41	< 0.005	< 0.005	< 0.005	6.74
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.13	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.4	36.4	< 0.005	< 0.005	—	36.5
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.41	0.41	< 0.005	0.04	0.04	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.03	1.00	0.91	11.7	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,651	3,651	0.07	0.03	0.24	3,663
Vendor	0.12	0.03	1.30	0.84	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	968	968	0.09	0.14	0.05	1,012
Hauling	0.30	0.05	2.73	1.95	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,821	1,821	0.25	0.29	0.08	1,914
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.97	0.00	0.00	1.42	1.42	0.00	0.35	0.35	—	315	315	0.01	< 0.005	0.34	317
Vendor	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	83.4	83.4	0.01	0.01	0.07	87.2
Hauling	0.03	< 0.005	0.23	0.17	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.04	—	157	157	0.02	0.03	0.12	165
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	52.2	52.2	< 0.005	< 0.005	0.06	52.4
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.01	14.4
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	26.0	26.0	< 0.005	< 0.005	0.02	27.3

3.4. Deep Foundations (2028) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,555	2,555	0.10	0.02	—	2,564
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.72	1.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	220	220	0.01	< 0.005	—	221
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.44	0.44	< 0.005	0.04	0.04	—	6.41	6.41	< 0.005	< 0.005	< 0.005	6.74
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.4	36.4	< 0.005	< 0.005	—	36.5
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.08	0.08	< 0.005	0.01	0.01	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.03	1.00	0.91	11.7	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,651	3,651	0.07	0.03	0.24	3,663
Vendor	0.12	0.03	1.30	0.84	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	968	968	0.09	0.14	0.05	1,012
Hauling	0.30	0.05	2.73	1.95	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,821	1,821	0.25	0.29	0.08	1,914
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.09	0.08	0.07	0.97	0.00	0.00	1.42	1.42	0.00	0.35	0.35	—	315	315	0.01	< 0.005	0.34	317
Vendor	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	83.4	83.4	0.01	0.01	0.07	87.2
Hauling	0.03	< 0.005	0.23	0.17	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.04	—	157	157	0.02	0.03	0.12	165
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	52.2	52.2	< 0.005	< 0.005	0.06	52.4
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.01	14.4
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	26.0	26.0	< 0.005	< 0.005	0.02	27.3

3.5. Deep Foundations (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,554	2,554	0.10	0.02	—	2,563
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,554	2,554	0.10	0.02	—	2,563
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.23	4.84	0.01	0.07	—	0.07	0.07	—	0.07	—	685	685	0.03	0.01	—	687

Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	7.08	7.08	< 0.005	0.71	0.71	—	19.4	19.4	< 0.005	< 0.005	0.01	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.41	0.88	< 0.005	0.01	—	0.01	0.01	—	0.01	—	113	113	< 0.005	< 0.005	—	114
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	1.29	1.29	< 0.005	0.13	0.13	—	3.21	3.21	< 0.005	< 0.005	< 0.005	3.37
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.12	0.03	1.17	0.80	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	940	940	0.08	0.13	1.75	983
Hauling	0.29	0.04	2.47	1.89	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,766	1,766	0.24	0.28	2.92	1,859
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605
Vendor	0.12	0.03	1.23	0.81	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	940	940	0.08	0.13	0.05	982
Hauling	0.27	0.03	2.59	1.90	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,766	1,766	0.24	0.28	0.08	1,856
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.25	0.20	2.86	0.00	0.00	4.42	4.42	0.00	1.09	1.09	—	966	966	0.02	0.01	0.93	970
Vendor	0.03	0.01	0.32	0.22	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	252	252	0.02	0.04	0.20	263
Hauling	0.07	0.01	0.68	0.51	< 0.005	0.01	0.41	0.42	0.01	0.11	0.11	—	474	474	0.06	0.08	0.34	498
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.52	0.00	0.00	0.81	0.81	0.00	0.20	0.20	—	160	160	< 0.005	< 0.005	0.15	161
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	41.7	41.7	< 0.005	0.01	0.03	43.6
Hauling	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	78.4	78.4	0.01	0.01	0.06	82.5

3.6. Deep Foundations (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,554	2,554	0.10	0.02	—	2,563
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,554	2,554	0.10	0.02	—	2,563
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.23	4.84	0.01	0.07	—	0.07	0.07	—	0.07	—	685	685	0.03	0.01	—	687
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	1.37	1.37	< 0.005	0.14	0.14	—	19.4	19.4	< 0.005	< 0.005	0.01	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.41	0.88	< 0.005	0.01	—	0.01	0.01	—	0.01	—	113	113	< 0.005	< 0.005	—	114
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.25	0.25	< 0.005	0.03	0.03	—	3.21	3.21	< 0.005	< 0.005	< 0.005	3.37
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.12	0.03	1.17	0.80	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	940	940	0.08	0.13	1.75	983
Hauling	0.29	0.04	2.47	1.89	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,766	1,766	0.24	0.28	2.92	1,859
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605
Vendor	0.12	0.03	1.23	0.81	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	940	940	0.08	0.13	0.05	982
Hauling	0.27	0.03	2.59	1.90	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,766	1,766	0.24	0.28	0.08	1,856
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.25	0.20	2.86	0.00	0.00	4.42	4.42	0.00	1.09	1.09	—	966	966	0.02	0.01	0.93	970
Vendor	0.03	0.01	0.32	0.22	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	252	252	0.02	0.04	0.20	263
Hauling	0.07	0.01	0.68	0.51	< 0.005	0.01	0.41	0.42	0.01	0.11	0.11	—	474	474	0.06	0.08	0.34	498
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.52	0.00	0.00	0.81	0.81	0.00	0.20	0.20	—	160	160	< 0.005	< 0.005	0.15	161
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	41.7	41.7	< 0.005	0.01	0.03	43.6
Hauling	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	78.4	78.4	0.01	0.01	0.06	82.5

3.7. Foundations (2029) - Unmitigated

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

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

Off-Road Equipment	0.20	0.20	2.28	11.0	0.02	0.04	—	0.04	0.04	—	0.04	—	1,925	1,925	0.08	0.02	—	1,932
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	2.28	11.0	0.02	0.04	—	0.04	0.04	—	0.04	—	1,925	1,925	0.08	0.02	—	1,932
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.52	2.50	< 0.005	0.01	—	0.01	0.01	—	0.01	—	438	438	0.02	< 0.005	—	439
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	6.00	6.00	< 0.005	0.60	0.60	—	16.4	16.4	< 0.005	< 0.005	0.01	17.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.5	72.5	< 0.005	< 0.005	—	72.7
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.10	1.10	< 0.005	0.11	0.11	—	2.72	2.72	< 0.005	< 0.005	< 0.005	2.86
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.40	0.09	4.06	2.77	0.02	0.02	3.22	3.24	0.02	0.82	0.84	—	3,263	3,263	0.28	0.46	6.09	3,413
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605

Vendor	0.40	0.09	4.26	2.83	0.02	0.02	3.22	3.24	0.02	0.82	0.84	—	3,264	3,264	0.28	0.46	0.16	3,408
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.21	0.17	2.42	0.00	0.00	3.75	3.75	0.00	0.92	0.92	—	820	820	0.01	0.01	0.79	823
Vendor	0.09	0.02	0.95	0.64	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	742	742	0.06	0.10	0.60	775
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.44	0.00	0.00	0.68	0.68	0.00	0.17	0.17	—	136	136	< 0.005	< 0.005	0.13	136
Vendor	0.02	< 0.005	0.17	0.12	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	123	123	0.01	0.02	0.10	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Foundations (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	2.28	11.0	0.02	0.04	—	0.04	0.04	—	0.04	—	1,925	1,925	0.08	0.02	—	1,932
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	2.28	11.0	0.02	0.04	—	0.04	0.04	—	0.04	—	1,925	1,925	0.08	0.02	—	1,932
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	< 0.005	75.9

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.52	2.50	< 0.005	0.01	—	0.01	0.01	—	0.01	—	438	438	0.02	< 0.005	—	439
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	1.16	1.16	< 0.005	0.12	0.12	—	16.4	16.4	< 0.005	< 0.005	0.01	17.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.5	72.5	< 0.005	< 0.005	—	72.7
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.21	0.21	< 0.005	0.02	0.02	—	2.72	2.72	< 0.005	< 0.005	< 0.005	2.86
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.40	0.09	4.06	2.77	0.02	0.02	3.22	3.24	0.02	0.82	0.84	—	3,263	3,263	0.28	0.46	6.09	3,413
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605
Vendor	0.40	0.09	4.26	2.83	0.02	0.02	3.22	3.24	0.02	0.82	0.84	—	3,264	3,264	0.28	0.46	0.16	3,408
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.21	0.17	2.42	0.00	0.00	3.75	3.75	0.00	0.92	0.92	—	820	820	0.01	0.01	0.79	823
Vendor	0.09	0.02	0.95	0.64	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	742	742	0.06	0.10	0.60	775
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.44	0.00	0.00	0.68	0.68	0.00	0.17	0.17	—	136	136	< 0.005	< 0.005	0.13	136

Vendor	0.02	< 0.005	0.17	0.12	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	123	123	0.01	0.02	0.10	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Superstructure (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.21	4.12	10.3	0.02	0.03	—	0.03	0.03	—	0.03	—	1,668	1,668	0.07	0.01	—	1,674
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	10.2	10.2	< 0.005	1.02	1.02	—	27.8	27.8	< 0.005	< 0.005	0.02	29.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.75	1.87	< 0.005	0.01	—	0.01	0.01	—	0.01	—	276	276	0.01	< 0.005	—	277
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	—	4.61	4.61	< 0.005	< 0.005	< 0.005	4.85

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.16	0.04	1.62	1.11	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,305	1,305	0.11	0.18	2.44	1,365
Hauling	0.06	0.01	0.49	0.38	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	353	353	0.05	0.06	0.58	372
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605
Vendor	0.16	0.04	1.70	1.13	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,305	1,305	0.11	0.18	0.06	1,363
Hauling	0.05	0.01	0.52	0.38	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	353	353	0.05	0.06	0.02	371
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.37	0.36	0.29	4.11	0.00	0.00	6.35	6.35	0.00	1.56	1.56	—	1,390	1,390	0.03	0.01	1.33	1,395
Vendor	0.06	0.01	0.65	0.43	< 0.005	< 0.005	0.48	0.49	< 0.005	0.12	0.13	—	503	503	0.04	0.07	0.41	526
Hauling	0.02	< 0.005	0.20	0.15	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	136	136	0.02	0.02	0.10	143
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.75	0.00	0.00	1.16	1.16	0.00	0.29	0.29	—	230	230	< 0.005	< 0.005	0.22	231
Vendor	0.01	< 0.005	0.12	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	83.3	83.3	0.01	0.01	0.07	87.1
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	22.5	22.5	< 0.005	< 0.005	0.02	23.7

3.10. Superstructure (2029) - Mitigated

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

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

Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.21	4.12	10.3	0.02	0.03	—	0.03	0.03	—	0.03	—	1,668	1,668	0.07	0.01	—	1,674
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	1.97	1.97	< 0.005	0.20	0.20	—	27.8	27.8	< 0.005	< 0.005	0.02	29.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.75	1.87	< 0.005	0.01	—	0.01	0.01	—	0.01	—	276	276	0.01	< 0.005	—	277
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	—	4.61	4.61	< 0.005	< 0.005	< 0.005	4.85
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.16	0.04	1.62	1.11	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,305	1,305	0.11	0.18	2.44	1,365
Hauling	0.06	0.01	0.49	0.38	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	353	353	0.05	0.06	0.58	372
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605

Vendor	0.16	0.04	1.70	1.13	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,305	1,305	0.11	0.18	0.06	1,363
Hauling	0.05	0.01	0.52	0.38	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	353	353	0.05	0.06	0.02	371
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.37	0.36	0.29	4.11	0.00	0.00	6.35	6.35	0.00	1.56	1.56	—	1,390	1,390	0.03	0.01	1.33	1,395
Vendor	0.06	0.01	0.65	0.43	< 0.005	< 0.005	0.48	0.49	< 0.005	0.12	0.13	—	503	503	0.04	0.07	0.41	526
Hauling	0.02	< 0.005	0.20	0.15	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	136	136	0.02	0.02	0.10	143
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.75	0.00	0.00	1.16	1.16	0.00	0.29	0.29	—	230	230	< 0.005	< 0.005	0.22	231
Vendor	0.01	< 0.005	0.12	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	83.3	83.3	0.01	0.01	0.07	87.1
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	22.5	22.5	< 0.005	< 0.005	0.02	23.7

3.11. Superstructure (2030) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	69.9	69.9	0.01	0.01	0.11	73.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	69.9	69.9	0.01	0.01	< 0.005	73.5

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	3.70	9.22	0.02	0.03	—	0.03	0.03	—	0.03	—	1,499	1,499	0.06	0.01	—	1,504
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	9.14	9.14	< 0.005	0.91	0.91	—	24.2	24.2	< 0.005	< 0.005	0.02	25.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.67	1.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	248	248	0.01	< 0.005	—	249
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	1.67	1.67	< 0.005	0.17	0.17	—	4.01	4.01	< 0.005	< 0.005	< 0.005	4.22
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.59	11.3	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,745	3,745	0.04	0.03	6.94	3,763
Vendor	0.15	0.04	1.53	1.08	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,262	1,262	0.11	0.18	2.17	1,321
Hauling	0.05	0.01	0.47	0.37	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	342	342	0.04	0.05	0.53	360
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.76	10.4	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,540	3,540	0.07	0.03	0.18	3,551
Vendor	0.15	0.04	1.61	1.09	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,262	1,262	0.11	0.18	0.06	1,320
Hauling	0.05	0.01	0.49	0.37	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	342	342	0.04	0.05	0.01	359
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.31	0.26	3.50	0.00	0.00	5.71	5.71	0.00	1.40	1.40	—	1,230	1,230	0.02	0.01	1.04	1,235
Vendor	0.05	0.01	0.55	0.37	< 0.005	< 0.005	0.43	0.44	< 0.005	0.11	0.11	—	437	437	0.04	0.06	0.33	457
Hauling	0.02	< 0.005	0.17	0.13	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	118	118	0.02	0.02	0.08	124
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.64	0.00	0.00	1.04	1.04	0.00	0.26	0.26	—	204	204	< 0.005	< 0.005	0.17	204

Vendor	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	72.4	72.4	0.01	0.01	0.05	75.7
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	19.6	19.6	< 0.005	< 0.005	0.01	20.6

3.12. Superstructure (2030) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	69.9	69.9	0.01	0.01	0.11	73.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	69.9	69.9	0.01	0.01	< 0.005	73.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	3.70	9.22	0.02	0.03	—	0.03	0.03	—	0.03	—	1,499	1,499	0.06	0.01	—	1,504
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	1.77	1.77	< 0.005	0.18	0.18	—	24.2	24.2	< 0.005	< 0.005	0.02	25.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.67	1.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	248	248	0.01	< 0.005	—	249
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.32	0.32	< 0.005	0.03	0.03	—	4.01	4.01	< 0.005	< 0.005	< 0.005	4.22

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.59	11.3	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,745	3,745	0.04	0.03	6.94	3,763
Vendor	0.15	0.04	1.53	1.08	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,262	1,262	0.11	0.18	2.17	1,321
Hauling	0.05	0.01	0.47	0.37	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	342	342	0.04	0.05	0.53	360
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.76	10.4	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,540	3,540	0.07	0.03	0.18	3,551
Vendor	0.15	0.04	1.61	1.09	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,262	1,262	0.11	0.18	0.06	1,320
Hauling	0.05	0.01	0.49	0.37	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	342	342	0.04	0.05	0.01	359
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.31	0.26	3.50	0.00	0.00	5.71	5.71	0.00	1.40	1.40	—	1,230	1,230	0.02	0.01	1.04	1,235
Vendor	0.05	0.01	0.55	0.37	< 0.005	< 0.005	0.43	0.44	< 0.005	0.11	0.11	—	437	437	0.04	0.06	0.33	457
Hauling	0.02	< 0.005	0.17	0.13	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	118	118	0.02	0.02	0.08	124
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.64	0.00	0.00	1.04	1.04	0.00	0.26	0.26	—	204	204	< 0.005	< 0.005	0.17	204
Vendor	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	72.4	72.4	0.01	0.01	0.05	75.7
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	19.6	19.6	< 0.005	< 0.005	0.01	20.6

3.13. Building Enclosure (2030) - Unmitigated

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

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

Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	69.9	69.9	0.01	0.01	0.11	73.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	69.9	69.9	0.01	0.01	< 0.005	73.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	0.52	6.53	0.01	0.02	—	0.02	0.02	—	0.02	—	1,046	1,046	0.04	0.01	—	1,050
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	10.4	10.4	< 0.005	1.04	1.04	—	27.6	27.6	< 0.005	< 0.005	0.02	29.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	173	173	0.01	< 0.005	—	174
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	1.90	1.90	< 0.005	0.19	0.19	—	4.57	4.57	< 0.005	< 0.005	< 0.005	4.80
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.59	11.3	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,745	3,745	0.04	0.03	6.94	3,763
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.75	0.59	< 0.005	0.01	0.50	0.51	0.01	0.13	0.14	—	547	547	0.07	0.09	0.85	575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.76	10.4	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,540	3,540	0.07	0.03	0.18	3,551

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.78	0.59	< 0.005	0.01	0.50	0.51	0.01	0.13	0.14	—	547	547	0.07	0.09	0.02	575
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.37	0.36	0.29	3.99	0.00	0.00	6.50	6.50	0.00	1.60	1.60	—	1,401	1,401	0.02	0.01	1.19	1,406
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.30	0.23	< 0.005	< 0.005	0.19	0.20	< 0.005	0.05	0.05	—	216	216	0.03	0.03	0.14	227
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.73	0.00	0.00	1.19	1.19	0.00	0.29	0.29	—	232	232	< 0.005	< 0.005	0.20	233
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	35.7	35.7	< 0.005	0.01	0.02	37.5

3.14. Building Enclosure (2030) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	69.9	69.9	0.01	0.01	0.11	73.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	69.9	69.9	0.01	0.01	< 0.005	73.5

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	0.52	6.53	0.01	0.02	—	0.02	0.02	—	0.02	—	1,046	1,046	0.04	0.01	—	1,050
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	2.02	2.02	< 0.005	0.20	0.20	—	27.6	27.6	< 0.005	< 0.005	0.02	29.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	173	173	0.01	< 0.005	—	174
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	4.57	4.57	< 0.005	< 0.005	< 0.005	4.80
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.59	11.3	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,745	3,745	0.04	0.03	6.94	3,763
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.75	0.59	< 0.005	0.01	0.50	0.51	0.01	0.13	0.14	—	547	547	0.07	0.09	0.85	575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.76	10.4	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,540	3,540	0.07	0.03	0.18	3,551
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.78	0.59	< 0.005	0.01	0.50	0.51	0.01	0.13	0.14	—	547	547	0.07	0.09	0.02	575
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.37	0.36	0.29	3.99	0.00	0.00	6.50	6.50	0.00	1.60	1.60	—	1,401	1,401	0.02	0.01	1.19	1,406
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.30	0.23	< 0.005	< 0.005	0.19	0.20	< 0.005	0.05	0.05	—	216	216	0.03	0.03	0.14	227
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.73	0.00	0.00	1.19	1.19	0.00	0.29	0.29	—	232	232	< 0.005	< 0.005	0.20	233

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	35.7	35.7	< 0.005	0.01	0.02	37.5

3.15. Sitework (2030) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.04	0.44	1.93	< 0.005	0.01	—	0.01	0.01	—	0.01	—	346	346	0.01	< 0.005	—	347
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.3	57.3	< 0.005	< 0.005	—	57.5
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.28	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	94.3	94.3	< 0.005	< 0.005	0.17	94.7
Vendor	0.04	0.01	0.37	0.26	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	303	303	0.03	0.04	0.52	317
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	89.1	89.1	< 0.005	< 0.005	< 0.005	89.4
Vendor	0.04	0.01	0.39	0.26	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	303	303	0.03	0.04	0.01	317
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.8	17.8	< 0.005	< 0.005	0.02	17.9
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	60.4	60.4	0.01	0.01	0.04	63.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	2.95	2.95	< 0.005	< 0.005	< 0.005	2.97
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.0	10.0	< 0.005	< 0.005	0.01	10.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Sitework (2030) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740

Dust From Material Movemen	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.44	1.93	< 0.005	0.01	—	0.01	0.01	—	0.01	—	346	346	0.01	< 0.005	—	347
Dust From Material Movemen	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.3	57.3	< 0.005	< 0.005	—	57.5
Dust From Material Movemen	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.28	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	94.3	94.3	< 0.005	< 0.005	0.17	94.7
Vendor	0.04	0.01	0.37	0.26	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	303	303	0.03	0.04	0.52	317

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	89.1	89.1	< 0.005	< 0.005	< 0.005	89.4
Vendor	0.04	0.01	0.39	0.26	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	303	303	0.03	0.04	0.01	317
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.8	17.8	< 0.005	< 0.005	0.02	17.9
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	60.4	60.4	0.01	0.01	0.04	63.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	2.95	2.95	< 0.005	< 0.005	< 0.005	2.97
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.0	10.0	< 0.005	< 0.005	0.01	10.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Sitework (2031) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movemen	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.41	1.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	329	329	0.01	< 0.005	—	330
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.5	54.5	< 0.005	< 0.005	—	54.7
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.28	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	93.2	93.2	< 0.005	< 0.005	0.15	93.5
Vendor	0.03	0.01	0.35	0.25	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	292	292	0.02	0.04	0.46	305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	88.1	88.1	< 0.005	< 0.005	< 0.005	88.4
Vendor	0.03	0.01	0.36	0.25	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	292	292	0.02	0.04	0.01	305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	16.8	16.8	< 0.005	< 0.005	0.01	16.8
Vendor	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	55.4	55.4	< 0.005	0.01	0.04	57.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.78	2.78	< 0.005	< 0.005	< 0.005	2.79
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.17	9.17	< 0.005	< 0.005	0.01	9.59
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Sitework (2031) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.41	1.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	329	329	0.01	< 0.005	—	330
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.5	54.5	< 0.005	< 0.005	—	54.7
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.28	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	93.2	93.2	< 0.005	< 0.005	0.15	93.5
Vendor	0.03	0.01	0.35	0.25	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	292	292	0.02	0.04	0.46	305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	88.1	88.1	< 0.005	< 0.005	< 0.005	88.4
Vendor	0.03	0.01	0.36	0.25	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	292	292	0.02	0.04	0.01	305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	16.8	16.8	< 0.005	< 0.005	0.01	16.8
Vendor	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	55.4	55.4	< 0.005	0.01	0.04	57.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.78	2.78	< 0.005	< 0.005	< 0.005	2.79
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.17	9.17	< 0.005	< 0.005	0.01	9.59

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Interior Buildout (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.42	1.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	163	163	0.01	< 0.005	—	164
Architectural Coatings	—	3.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.0	27.0	< 0.005	< 0.005	—	27.1
Architectural Coatings	—	0.72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.78	0.76	0.48	9.55	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	3,041	3,041	0.04	0.03	6.40	3,056
Vendor	0.06	0.01	0.65	0.44	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	522	522	0.04	0.07	0.97	546
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.76	0.62	8.78	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,874	2,874	0.05	0.03	0.17	2,884
Vendor	0.06	0.01	0.68	0.45	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	522	522	0.04	0.07	0.03	545
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.13	1.85	0.00	0.00	2.86	2.86	0.00	0.70	0.70	—	626	626	0.01	0.01	0.60	629
Vendor	0.01	< 0.005	0.15	0.10	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	113	113	0.01	0.02	0.09	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.52	0.52	0.00	0.13	0.13	—	104	104	< 0.005	< 0.005	0.10	104
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	18.8	18.8	< 0.005	< 0.005	0.02	19.6

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Interior Buildout (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.42	1.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	163	163	0.01	< 0.005	—	164
Architectural Coatings	—	3.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.0	27.0	< 0.005	< 0.005	—	27.1
Architectural Coatings	—	0.72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.78	0.76	0.48	9.55	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	3,041	3,041	0.04	0.03	6.40	3,056
Vendor	0.06	0.01	0.65	0.44	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	522	522	0.04	0.07	0.97	546
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.76	0.62	8.78	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,874	2,874	0.05	0.03	0.17	2,884
Vendor	0.06	0.01	0.68	0.45	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	522	522	0.04	0.07	0.03	545
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.13	1.85	0.00	0.00	2.86	2.86	0.00	0.70	0.70	—	626	626	0.01	0.01	0.60	629
Vendor	0.01	< 0.005	0.15	0.10	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	113	113	0.01	0.02	0.09	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.52	0.52	0.00	0.13	0.13	—	104	104	< 0.005	< 0.005	0.10	104
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	18.8	18.8	< 0.005	< 0.005	0.02	19.6

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Interior Buildout (2030) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.22	3.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	477	477	0.02	< 0.005	—	479
Architectural Coatings	—	11.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.22	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.0	79.0	< 0.005	< 0.005	—	79.3
Architectural Coatings	—	2.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.75	0.73	0.47	9.04	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,996	2,996	0.04	0.03	5.55	3,010
Vendor	0.06	0.01	0.61	0.43	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	505	505	0.04	0.07	0.87	529
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.75	0.73	0.61	8.32	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,832	2,832	0.05	0.03	0.14	2,841
Vendor	0.06	0.01	0.64	0.44	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	505	505	0.04	0.07	0.02	528
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.46	0.38	5.15	0.00	0.00	8.38	8.38	0.00	2.06	2.06	—	1,807	1,807	0.03	0.02	1.53	1,814
Vendor	0.04	0.01	0.40	0.28	< 0.005	< 0.005	0.32	0.32	< 0.005	0.08	0.08	—	321	321	0.03	0.05	0.24	336
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.94	0.00	0.00	1.53	1.53	0.00	0.38	0.38	—	299	299	< 0.005	< 0.005	0.25	300
Vendor	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	53.1	53.1	< 0.005	0.01	0.04	55.6

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Interior Buildout (2030) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.22	3.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	477	477	0.02	< 0.005	—	479
Architectural Coatings	—	11.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.22	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.0	79.0	< 0.005	< 0.005	—	79.3
Architectural Coatings	—	2.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.75	0.73	0.47	9.04	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,996	2,996	0.04	0.03	5.55	3,010
Vendor	0.06	0.01	0.61	0.43	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	505	505	0.04	0.07	0.87	529
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.75	0.73	0.61	8.32	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,832	2,832	0.05	0.03	0.14	2,841
Vendor	0.06	0.01	0.64	0.44	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	505	505	0.04	0.07	0.02	528
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.46	0.38	5.15	0.00	0.00	8.38	8.38	0.00	2.06	2.06	—	1,807	1,807	0.03	0.02	1.53	1,814
Vendor	0.04	0.01	0.40	0.28	< 0.005	< 0.005	0.32	0.32	< 0.005	0.08	0.08	—	321	321	0.03	0.05	0.24	336
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.94	0.00	0.00	1.53	1.53	0.00	0.38	0.38	—	299	299	< 0.005	< 0.005	0.25	300
Vendor	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	53.1	53.1	< 0.005	0.01	0.04	55.6

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Startup/Inspections (2030) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.6	46.6	< 0.005	< 0.005	—	46.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.72	7.72	< 0.005	< 0.005	—	7.74
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.71	0.46	8.80	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,914	2,914	0.03	0.03	5.40	2,928
Vendor	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	151	151	0.01	0.02	0.26	159
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.71	0.59	8.10	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,755	2,755	0.05	0.03	0.14	2,764
Vendor	0.02	< 0.005	0.19	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	151	151	0.01	0.02	0.01	158
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.14	1.93	0.00	0.00	3.14	3.14	0.00	0.77	0.77	—	676	676	0.01	0.01	0.57	679
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	37.0	37.0	< 0.005	0.01	0.03	38.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.57	0.57	0.00	0.14	0.14	—	112	112	< 0.005	< 0.005	0.09	112
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	6.13	6.13	< 0.005	< 0.005	< 0.005	6.42
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Startup/Inspections (2030) - Mitigated

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

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

Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.6	46.6	< 0.005	< 0.005	—	46.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.72	7.72	< 0.005	< 0.005	—	7.74
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.71	0.46	8.80	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,914	2,914	0.03	0.03	5.40	2,928
Vendor	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	151	151	0.01	0.02	0.26	159
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.71	0.59	8.10	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,755	2,755	0.05	0.03	0.14	2,764

Vendor	0.02	< 0.005	0.19	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	151	151	0.01	0.02	0.01	158
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.14	1.93	0.00	0.00	3.14	3.14	0.00	0.77	0.77	—	676	676	0.01	0.01	0.57	679
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	37.0	37.0	< 0.005	0.01	0.03	38.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.57	0.57	0.00	0.14	0.14	—	112	112	< 0.005	< 0.005	0.09	112
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	6.13	6.13	< 0.005	< 0.005	< 0.005	6.42
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Startup/Inspections (2031) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.1	45.1	< 0.005	< 0.005	—	45.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.47	7.47	< 0.005	< 0.005	—	7.50
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.68	0.45	8.51	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,881	2,881	0.03	0.02	4.69	2,892
Vendor	0.02	< 0.005	0.17	0.12	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	146	146	0.01	0.02	0.23	153
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.68	0.59	7.77	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,724	2,724	0.04	0.03	0.12	2,733
Vendor	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	146	146	0.01	0.02	0.01	152
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.11	1.79	0.00	0.00	3.04	3.04	0.00	0.75	0.75	—	647	647	0.01	0.01	0.48	650
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	34.5	34.5	< 0.005	< 0.005	0.02	36.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.33	0.00	0.00	0.55	0.55	0.00	0.14	0.14	—	107	107	< 0.005	< 0.005	0.08	108

Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	5.72	5.72	< 0.005	< 0.005	< 0.005	5.98
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.26. Startup/Inspections (2031) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.1	45.1	< 0.005	< 0.005	—	45.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.47	7.47	< 0.005	< 0.005	—	7.50
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.68	0.45	8.51	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,881	2,881	0.03	0.02	4.69	2,892
Vendor	0.02	< 0.005	0.17	0.12	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	146	146	0.01	0.02	0.23	153
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.68	0.59	7.77	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,724	2,724	0.04	0.03	0.12	2,733
Vendor	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	146	146	0.01	0.02	0.01	152
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.11	1.79	0.00	0.00	3.04	3.04	0.00	0.75	0.75	—	647	647	0.01	0.01	0.48	650
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	34.5	34.5	< 0.005	< 0.005	0.02	36.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.33	0.00	0.00	0.55	0.55	0.00	0.14	0.14	—	107	107	< 0.005	< 0.005	0.08	108
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	5.72	5.72	< 0.005	< 0.005	< 0.005	5.98
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	13.6	12.2	9.40	146	0.47	0.19	49.3	49.5	0.18	12.5	12.7	—	48,231	48,231	1.27	1.34	68.4	48,730
General Office Building	0.07	0.06	0.05	0.72	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	239	239	0.01	0.01	0.34	241
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.14	0.12	0.09	1.44	< 0.005	< 0.005	0.49	0.49	< 0.005	0.12	0.13	—	478	478	0.01	0.01	0.68	482
Day-Care Center	0.07	0.06	0.05	0.73	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	242	242	0.01	0.01	0.34	244
Total	13.9	12.5	9.58	149	0.48	0.20	50.3	50.5	0.18	12.7	12.9	—	49,189	49,189	1.30	1.37	69.7	49,698
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	13.5	12.0	11.1	136	0.45	0.19	49.3	49.5	0.18	12.5	12.7	—	46,107	46,107	1.35	1.47	1.77	46,582
General Office Building	0.07	0.06	0.06	0.67	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	228	228	0.01	0.01	0.01	231

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.13	0.12	0.11	1.34	< 0.005	< 0.005	0.49	0.49	< 0.005	0.12	0.13	—	457	457	0.01	0.01	0.02	461
Day-Care Center	0.07	0.06	0.06	0.68	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	231	231	0.01	0.01	0.01	233
Total	13.7	12.3	11.3	138	0.46	0.20	50.3	50.5	0.18	12.7	12.9	—	47,023	47,023	1.38	1.50	1.81	47,507
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	1.74	1.55	1.37	17.3	0.06	0.03	6.27	6.29	0.02	1.59	1.61	—	5,466	5,466	0.16	0.17	3.49	5,524
General Office Building	0.01	0.01	0.01	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	27.1	27.1	< 0.005	< 0.005	0.02	27.3
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.02	0.02	0.01	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	54.1	54.1	< 0.005	< 0.005	0.03	54.7
Day-Care Center	0.01	0.01	0.01	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	27.4	27.4	< 0.005	< 0.005	0.02	27.7
Total	1.77	1.58	1.39	17.7	0.06	0.03	6.39	6.42	0.02	1.62	1.64	—	5,575	5,575	0.16	0.17	3.56	5,634

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	13.6	12.2	9.40	146	0.47	0.19	49.3	49.5	0.18	12.5	12.7	—	48,231	48,231	1.27	1.34	68.4	48,730
General Office Building	0.07	0.06	0.05	0.72	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	239	239	0.01	0.01	0.34	241
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.14	0.12	0.09	1.44	< 0.005	< 0.005	0.49	0.49	< 0.005	0.12	0.13	—	478	478	0.01	0.01	0.68	482
Day-Care Center	0.07	0.06	0.05	0.73	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	242	242	0.01	0.01	0.34	244
Total	13.9	12.5	9.58	149	0.48	0.20	50.3	50.5	0.18	12.7	12.9	—	49,189	49,189	1.30	1.37	69.7	49,698
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	13.5	12.0	11.1	136	0.45	0.19	49.3	49.5	0.18	12.5	12.7	—	46,107	46,107	1.35	1.47	1.77	46,582

General Office Building	0.07	0.06	0.06	0.67	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	228	228	0.01	0.01	0.01	231
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.13	0.12	0.11	1.34	< 0.005	< 0.005	0.49	0.49	< 0.005	0.12	0.13	—	457	457	0.01	0.01	0.02	461
Day-Care Center	0.07	0.06	0.06	0.68	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	231	231	0.01	0.01	0.01	233
Total	13.7	12.3	11.3	138	0.46	0.20	50.3	50.5	0.18	12.7	12.9	—	47,023	47,023	1.38	1.50	1.81	47,507
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	1.74	1.55	1.37	17.3	0.06	0.03	6.27	6.29	0.02	1.59	1.61	—	5,466	5,466	0.16	0.17	3.49	5,524
General Office Building	0.01	0.01	0.01	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	27.1	27.1	< 0.005	< 0.005	0.02	27.3
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.02	0.02	0.01	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	54.1	54.1	< 0.005	< 0.005	0.03	54.7

Day-Care	0.01	0.01	0.01	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	27.4	27.4	< 0.005	< 0.005	0.02	27.7
Total	1.77	1.58	1.39	17.7	0.06	0.03	6.39	6.42	0.02	1.62	1.64	—	5,575	5,575	0.16	0.17	3.56	5,634

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Day-Car Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Car e Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

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

Consum Products	—	17.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	2.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	10.7	9.83	0.50	59.8	< 0.005	0.11	—	0.11	0.08	—	0.08	—	246	246	0.01	< 0.005	—	247
Total	10.7	29.9	0.50	59.8	< 0.005	0.11	—	0.11	0.08	—	0.08	—	246	246	0.01	< 0.005	—	247
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	17.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	2.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	20.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	3.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.96	0.89	0.05	5.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	20.1	20.1	< 0.005	< 0.005	—	20.2
Total	0.96	4.56	0.05	5.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	20.1	20.1	< 0.005	< 0.005	—	20.2

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	16.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	16.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	3.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.65	0.00	8.65	0.89	0.02	—	37.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.18
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.09	0.00	0.09	0.01	< 0.005	—	0.37
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.19
Total	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.65	0.00	8.65	0.89	0.02	—	37.1

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.18
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.09	0.00	0.09	0.01	< 0.005	—	0.37
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.19
Total	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	1.43	0.00	1.43	0.15	< 0.005	—	6.14
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.03
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.06

Day-Care	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.65	0.00	8.65	0.89	0.02	—	37.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.18
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.09	0.00	0.09	0.01	< 0.005	—	0.37
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.19
Total	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.65	0.00	8.65	0.89	0.02	—	37.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.18
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.09	0.00	0.09	0.01	< 0.005	—	0.37
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.19
Total	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	1.43	0.00	1.43	0.15	< 0.005	—	6.14
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.03
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.06
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	348	0.00	348	34.8	0.00	—	1,219
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.03	0.00	1.03	0.10	0.00	—	3.62
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.24

Day-Car Center	—	—	—	—	—	—	—	—	—	—	—	0.89	0.00	0.89	0.09	0.00	—	3.13
Total	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	—	—	—	—	—	—	—	—	—	—	—	348	0.00	348	34.8	0.00	—	1,219
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.03	0.00	1.03	0.10	0.00	—	3.62
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.24
Day-Car e Center	—	—	—	—	—	—	—	—	—	—	—	0.89	0.00	0.89	0.09	0.00	—	3.13
Total	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	—	—	—	—	—	—	—	—	—	—	—	57.7	0.00	57.7	5.76	0.00	—	202
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.60

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.34	0.00	0.34	0.03	0.00	—	1.20
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.15	0.00	0.15	0.01	0.00	—	0.52
Total	—	—	—	—	—	—	—	—	—	—	—	58.3	0.00	58.3	5.83	0.00	—	204

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	348	0.00	348	34.8	0.00	—	1,219
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.03	0.00	1.03	0.10	0.00	—	3.62
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.24
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.89	0.00	0.89	0.09	0.00	—	3.13
Total	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	348	0.00	348	34.8	0.00	—	1,219
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.03	0.00	1.03	0.10	0.00	—	3.62
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.24
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.89	0.00	0.89	0.09	0.00	—	3.13
Total	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	—	—	—	—	—	—	—	—	—	—	—	57.7	0.00	57.7	5.76	0.00	—	202
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.60
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.34	0.00	0.34	0.03	0.00	—	1.20
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.15	0.00	0.15	0.01	0.00	—	0.52
Total	—	—	—	—	—	—	—	—	—	—	—	58.3	0.00	58.3	5.83	0.00	—	204

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.6	20.6

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	12.5
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.6	20.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	12.5
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.42	3.42

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.07	2.07
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.49	5.49

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.6	20.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	12.5
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.6	20.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	12.5
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.42	3.42
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.07	2.07
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.49	5.49

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Total	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461

4.8.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Total	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25

Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78

European	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03

CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3

Snowbrush Ceanoth	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.39	-0.39	—	—	—	-0.39
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.40	-1.40	—	—	—	-1.40
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.47	-0.47	—	—	—	-0.47
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.04	-0.04	—	—	—	-0.04
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.34	-0.34	—	—	—	-0.34
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.03	-0.03	—	—	—	-0.03
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.72	-0.72	—	—	—	-0.72
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.15	-1.15	—	—	—	-1.15
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.78	-0.78	—	—	—	-0.78
Subtotal	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.32	-6.32	—	—	—	-6.32

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-0.93	-0.93	—	—	—	-0.93
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-1.29	-1.29	—	—	—	-1.29
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-0.29	-0.29	—	—	—	-0.29
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-2.03	-2.03	—	—	—	-2.03
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-1.14	-1.14	—	—	—	-1.14
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-1.00	-1.00	—	—	—	-1.00
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-0.69	-0.69	—	—	—	-0.69
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-0.33	-0.33	—	—	—	-0.33
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-6.78	-6.78	—	—	—	-6.78
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-2.72	-2.72	—	—	—	-2.72
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-1.85	-1.85	—	—	—	-1.85
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-2.26	-2.26	—	—	—	-2.26

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-21.5	-21.5	—	—	—	-21.5
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Coast Redwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06

CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76

CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27

Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77

Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.39	-0.39	—	—	—	-0.39
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.40	-1.40	—	—	—	-1.40
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.47	-0.47	—	—	—	-0.47
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.04	-0.04	—	—	—	-0.04
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.34	-0.34	—	—	—	-0.34
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.03	-0.03	—	—	—	-0.03
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.72	-0.72	—	—	—	-0.72
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.15	-1.15	—	—	—	-1.15
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25

Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.78	-0.78	—	—	—	-0.78
Subtotal	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.32	-6.32	—	—	—	-6.32
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-0.93	-0.93	—	—	—	-0.93
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-1.29	-1.29	—	—	—	-1.29
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-0.29	-0.29	—	—	—	-0.29
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-2.03	-2.03	—	—	—	-2.03
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-1.14	-1.14	—	—	—	-1.14
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-1.00	-1.00	—	—	—	-1.00
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-0.69	-0.69	—	—	—	-0.69
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-0.33	-0.33	—	—	—	-0.33
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-6.78	-6.78	—	—	—	-6.78
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-2.72	-2.72	—	—	—	-2.72

Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-1.85	-1.85	—	—	—	-1.85
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-2.26	-2.26	—	—	—	-2.26
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-21.5	-21.5	—	—	—	-21.5
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Coastal Live Oak	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Rough Grading/Site Demo	Grading	11/1/2028	12/18/2028	5.00	34.0	—
Deep Foundations	Building Construction	11/18/2028	5/17/2029	5.00	129	—
Foundations	Building Construction	3/26/2029	7/18/2029	5.00	83.0	—
Superstructure	Building Construction	6/18/2029	6/26/2030	5.00	268	—
Building Enclosure	Building Construction	4/17/2030	11/4/2030	5.00	144	—
Sitework	Paving	9/21/2030	4/7/2031	5.00	141	—
Interior Buildout	Architectural Coating	9/12/2029	11/21/2030	5.00	312	—
Startup/Inspections	Architectural Coating	8/29/2030	5/1/2031	5.00	176	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

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

Rough Grading/Site Demo	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Rough Grading/Site Demo	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Rough Grading/Site Demo	Excavators	Diesel	Tier 4 Final	4.00	8.00	36.0	0.38
Rough Grading/Site Demo	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Deep Foundations	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Deep Foundations	Pumps	Diesel	Tier 4 Final	3.00	12.0	11.0	0.74
Deep Foundations	Bore/Drill Rigs	Diesel	Tier 3	2.00	12.0	83.0	0.50
Deep Foundations	Forklifts	Diesel	Tier 4 Final	2.00	12.0	82.0	0.20
Foundations	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Foundations	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Foundations	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Superstructure	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Superstructure	Welders	Diesel	Tier 4 Final	8.00	8.00	46.0	0.45
Superstructure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Superstructure	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Superstructure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Building Enclosure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Building Enclosure	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Enclosure	Other Construction Equipment	Diesel	Tier 4 Final	4.00	8.00	82.0	0.42
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	8.00	8.00	46.0	0.31
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Sitework	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Sitework	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Sitework	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20

Interior Buildout	Aerial Lifts	Electric	Tier 4 Final	20.0	8.00	46.0	0.31
Interior Buildout	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Diesel	Tier 4 Final	2.00	10.0	46.0	0.31
Startup/Inspections	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Startup/Inspections	Aerial Lifts	Electric	Tier 4 Final	4.00	8.00	46.0	0.31

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Rough Grading/Site Demo	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Rough Grading/Site Demo	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Rough Grading/Site Demo	Excavators	Diesel	Tier 4 Final	4.00	8.00	36.0	0.38
Rough Grading/Site Demo	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Deep Foundations	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Deep Foundations	Pumps	Diesel	Tier 4 Final	3.00	12.0	11.0	0.74
Deep Foundations	Bore/Drill Rigs	Diesel	Tier 3	2.00	12.0	83.0	0.50
Deep Foundations	Forklifts	Diesel	Tier 4 Final	2.00	12.0	82.0	0.20
Foundations	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Foundations	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Foundations	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Superstructure	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Superstructure	Welders	Diesel	Tier 4 Final	8.00	8.00	46.0	0.45
Superstructure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Superstructure	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Superstructure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31

Building Enclosure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Building Enclosure	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Enclosure	Other Construction Equipment	Diesel	Tier 4 Final	4.00	8.00	82.0	0.42
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	8.00	8.00	46.0	0.31
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Sitework	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Sitework	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Sitework	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Electric	Tier 4 Final	20.0	8.00	46.0	0.31
Interior Buildout	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Diesel	Tier 4 Final	2.00	10.0	46.0	0.31
Startup/Inspections	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Startup/Inspections	Aerial Lifts	Electric	Tier 4 Final	4.00	8.00	46.0	0.31

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Rough Grading/Site Demo	—	—	—	—
Rough Grading/Site Demo	Worker	25.0	11.7	LDA,LDT1,LDT2
Rough Grading/Site Demo	Vendor	0.00	8.40	HHDT,MHDT
Rough Grading/Site Demo	Hauling	236	20.0	HHDT
Rough Grading/Site Demo	Onsite truck	2.00	10.0	HHDT
Deep Foundations	—	—	—	—
Deep Foundations	Worker	497	11.7	LDA,LDT1,LDT2
Deep Foundations	Vendor	36.0	8.40	HHDT,MHDT
Deep Foundations	Hauling	25.0	20.0	HHDT

Deep Foundations	Onsite truck	2.00	10.0	HHDT
Foundations	—	—	—	—
Foundations	Worker	497	11.7	LDA,LDT1,LDT2
Foundations	Vendor	125	8.40	HHDT,MHDT
Foundations	Hauling	0.00	20.0	HHDT
Foundations	Onsite truck	2.00	10.0	HHDT
Superstructure	—	—	—	—
Superstructure	Worker	497	11.7	LDA,LDT1,LDT2
Superstructure	Vendor	50.0	8.40	HHDT,MHDT
Superstructure	Hauling	5.00	20.0	HHDT
Superstructure	Onsite truck	2.00	10.0	HHDT
Building Enclosure	—	—	—	—
Building Enclosure	Worker	497	11.7	LDA,LDT1,LDT2
Building Enclosure	Vendor	0.00	8.40	HHDT,MHDT
Building Enclosure	Hauling	8.00	20.0	HHDT
Building Enclosure	Onsite truck	2.00	10.0	HHDT
Sitework	—	—	—	—
Sitework	Worker	12.5	11.7	LDA,LDT1,LDT2
Sitework	Vendor	12.0	8.40	HHDT,MHDT
Sitework	Hauling	0.00	20.0	HHDT
Sitework	Onsite truck	0.00	10.0	HHDT
Interior Buildout	—	—	—	—
Interior Buildout	Worker	397	11.7	LDA,LDT1,LDT2
Interior Buildout	Vendor	20.0	8.40	HHDT,MHDT
Interior Buildout	Hauling	0.00	20.0	HHDT
Interior Buildout	Onsite truck	0.00	10.0	HHDT
Startup/Inspections	—	—	—	—

Startup/Inspections	Worker	386	11.7	LDA,LDT1,LDT2
Startup/Inspections	Vendor	6.00	8.40	HHDT,MHDT
Startup/Inspections	Hauling	0.00	20.0	HHDT
Startup/Inspections	Onsite truck	0.00	10.0	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Rough Grading/Site Demo	—	—	—	—
Rough Grading/Site Demo	Worker	25.0	11.7	LDA,LDT1,LDT2
Rough Grading/Site Demo	Vendor	0.00	8.40	HHDT,MHDT
Rough Grading/Site Demo	Hauling	236	20.0	HHDT
Rough Grading/Site Demo	Onsite truck	2.00	10.0	HHDT
Deep Foundations	—	—	—	—
Deep Foundations	Worker	497	11.7	LDA,LDT1,LDT2
Deep Foundations	Vendor	36.0	8.40	HHDT,MHDT
Deep Foundations	Hauling	25.0	20.0	HHDT
Deep Foundations	Onsite truck	2.00	10.0	HHDT
Foundations	—	—	—	—
Foundations	Worker	497	11.7	LDA,LDT1,LDT2
Foundations	Vendor	125	8.40	HHDT,MHDT
Foundations	Hauling	0.00	20.0	HHDT
Foundations	Onsite truck	2.00	10.0	HHDT
Superstructure	—	—	—	—
Superstructure	Worker	497	11.7	LDA,LDT1,LDT2
Superstructure	Vendor	50.0	8.40	HHDT,MHDT
Superstructure	Hauling	5.00	20.0	HHDT
Superstructure	Onsite truck	2.00	10.0	HHDT

Building Enclosure	—	—	—	—
Building Enclosure	Worker	497	11.7	LDA,LDT1,LDT2
Building Enclosure	Vendor	0.00	8.40	HHDT,MHDT
Building Enclosure	Hauling	8.00	20.0	HHDT
Building Enclosure	Onsite truck	2.00	10.0	HHDT
Sitework	—	—	—	—
Sitework	Worker	12.5	11.7	LDA,LDT1,LDT2
Sitework	Vendor	12.0	8.40	HHDT,MHDT
Sitework	Hauling	0.00	20.0	HHDT
Sitework	Onsite truck	0.00	10.0	HHDT
Interior Buildout	—	—	—	—
Interior Buildout	Worker	397	11.7	LDA,LDT1,LDT2
Interior Buildout	Vendor	20.0	8.40	HHDT,MHDT
Interior Buildout	Hauling	0.00	20.0	HHDT
Interior Buildout	Onsite truck	0.00	10.0	HHDT
Startup/Inspections	—	—	—	—
Startup/Inspections	Worker	386	11.7	LDA,LDT1,LDT2
Startup/Inspections	Vendor	6.00	8.40	HHDT,MHDT
Startup/Inspections	Hauling	0.00	20.0	HHDT
Startup/Inspections	Onsite truck	0.00	10.0	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Interior Buildout	0.00	0.00	806,604	265,339	21,955

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Rough Grading/Site Demo	850,000	0.00	68.0	0.00	—
Sitework	0.00	0.00	35.3	0.00	70.5

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Research & Development	0.00	0%
General Office Building	0.00	0%
Enclosed Parking with Elevator	70.5	100%
Parking Lot	0.00	0%
High Turnover (Sit Down Restaurant)	0.00	0%
Day-Care Center	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2028	2,392,000	100.0	0.03	< 0.005

2029	2,392,000	100.0	0.03	< 0.005
2030	2,392,000	100.0	0.03	< 0.005
2031	2,392,000	100.0	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Research & Development	4,794	0.00	0.00	1,249,766	69,987	0.00	0.00	18,246,578
General Office Building	23.7	0.00	0.00	6,187	346	0.00	0.00	90,330
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	47.5	0.00	0.00	12,374	693	0.00	0.00	180,659
Day-Care Center	24.0	0.00	0.00	6,264	351	0.00	0.00	91,459

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Research & Development	4,794	0.00	0.00	1,249,766	69,987	0.00	0.00	18,246,578
General Office Building	23.7	0.00	0.00	6,187	346	0.00	0.00	90,330
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	47.5	0.00	0.00	12,374	693	0.00	0.00	180,659

Day-Care Center	24.0	0.00	0.00	6,264	351	0.00	0.00	91,459

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,260,898	414,783	34,321

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Research & Development	27,921,457	0.00	0.0000	0.0000	0.00
General Office Building	138,225	0.00	0.0000	0.0000	0.00
Enclosed Parking with Elevator	2,036,308	0.00	0.0000	0.0000	0.00
Parking Lot	17,858	0.00	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	276,450	0.00	0.0000	0.0000	0.00
Day-Care Center	139,953	0.00	0.0000	0.0000	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Research & Development	27,921,457	0.00	0.0000	0.0000	0.00
General Office Building	138,225	0.00	0.0000	0.0000	0.00
Enclosed Parking with Elevator	2,036,308	0.00	0.0000	0.0000	0.00
Parking Lot	17,858	0.00	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	276,450	0.00	0.0000	0.0000	0.00
Day-Care Center	139,953	0.00	0.0000	0.0000	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Research & Development	4,514,903	925,765
General Office Building	22,351	4,583
Enclosed Parking with Elevator	0.00	0.00

Parking Lot	0.00	0.00
High Turnover (Sit Down Restaurant)	44,702	9,166
Day-Care Center	22,630	4,640

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Research & Development	4,514,903	925,765
General Office Building	22,351	4,583
Enclosed Parking with Elevator	0.00	0.00
Parking Lot	0.00	0.00
High Turnover (Sit Down Restaurant)	44,702	9,166
Day-Care Center	22,630	4,640

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Research & Development	646	—
General Office Building	1.92	—
Enclosed Parking with Elevator	0.00	—
Parking Lot	0.00	—
High Turnover (Sit Down Restaurant)	3.84	—
Day-Care Center	1.66	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)

Research & Development	646	—
General Office Building	1.92	—
Enclosed Parking with Elevator	0.00	—
Parking Lot	0.00	—
High Turnover (Sit Down Restaurant)	3.84	—
Day-Care Center	1.66	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Research & Development	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Research & Development	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Day-Care Center	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Day-Care Center	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

Day-Care Center	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Day-Care Center	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Research & Development	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Research & Development	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Day-Care Center	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Day-Care Center	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Day-Care Center	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Day-Care Center	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.15.2. Mitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	12.0	0.50	150	671	0.73

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
Vine Maple	25.0	34,890	113
Bigleaf Maple	10.0	15,189	49.0
Cyprus Strawberry	8.50	15,729	77.8
Strawberry Tree	42.0	77,721	385
Snowbrush Ceanothus	27.0	13,666	58.8
CA Redbud	28.5	42,277	137
Monterey Cyprus	4.00	3,547	12.8
Strawberry Tree	14.5	26,832	133
CA Sycamore	12.5	13,499	43.4
CA Laurel	1.00	2,094	10.5
European Olive	7.00	15,413	77.1

CA Sycamore	16.0	17,279	55.5
Freemont Cottonwood	41.5	64,563	209
Coastal Live Oak	49.5	87,068	422
Red Willow	17.0	22,636	73.0
Coast Redwood	27.0	57,793	291

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
Vine Maple	25.0	34,890	113
Bigleaf Maple	10.0	15,189	49.0
Cyprus Strawberry	8.50	15,729	77.8
Strawberry Tree	42.0	77,721	385
Snowbrush Ceanothus	27.0	13,666	58.8
CA Redbud	28.5	42,277	137
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CA Sycamore	12.5	13,499	43.4
CA Laurel	1.00	2,094	10.5
European Olive	7.00	15,413	77.1
CA Sycamore	16.0	17,279	55.5
Freemont Cottonwood	41.5	64,563	209
Coastal Live Oak	49.5	87,068	422
Red Willow	17.0	22,636	73.0
Coast Redwood	27.0	57,793	291

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	5.92	annual days of extreme heat
Extreme Precipitation	9.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	17.7	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	3	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	7.52

AQ-PM	32.9
AQ-DPM	94.6
Drinking Water	54.0
Lead Risk Housing	79.7
Pesticides	0.00
Toxic Releases	37.7
Traffic	80.8
Effect Indicators	—
CleanUp Sites	98.9
Groundwater	99.7
Haz Waste Facilities/Generators	99.9
Impaired Water Bodies	87.0
Solid Waste	97.2
Sensitive Population	—
Asthma	68.9
Cardio-vascular	48.4
Low Birth Weights	53.2
Socioeconomic Factor Indicators	—
Education	60.6
Housing	43.3
Linguistic	57.8
Poverty	54.4
Unemployment	64.5

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract

Economic	—
Above Poverty	65.03272167
Employed	87.75824458
Median HI	74.04080585
Education	—
Bachelor's or higher	46.97805723
High school enrollment	100
Preschool enrollment	45.37405364
Transportation	—
Auto Access	59.70742974
Active commuting	58.00076992
Social	—
2-parent households	88.6179905
Voting	71.10227127
Neighborhood	—
Alcohol availability	29.00038496
Park access	52.72680611
Retail density	91.04324394
Supermarket access	82.92056974
Tree canopy	62.40215578
Housing	—
Homeownership	71.67971256
Housing habitability	43.62889773
Low-inc homeowner severe housing cost burden	60.7596561
Low-inc renter severe housing cost burden	17.45155909
Uncrowded housing	55.74233286
Health Outcomes	—

Insured adults	81.30373412
Arthritis	0.0
Asthma ER Admissions	27.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	20.5
Cognitively Disabled	68.5
Physically Disabled	47.8
Heart Attack ER Admissions	48.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	93.9
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	55.0
Children	61.0

Elderly	24.3
English Speaking	24.7
Foreign-born	88.7
Outdoor Workers	57.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	16.5
Traffic Density	73.3
Traffic Access	71.5
Other Indices	—
Hardship	46.7
Other Decision Support	—
2016 Voting	55.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	83.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Peninsula Clean Energy would be energy provider. Building would be all electric.
Construction: Construction Phases	Applicant provided info.
Construction: Off-Road Equipment	Applicant provided info.
Construction: Off-Road Equipment EF	EF for electric equipment entered manually.
Construction: Dust From Material Movement	Applicant provided info.
Construction: Demolition	Applicant provided info - existing square footage of all buildings.
Construction: Trips and VMT	Worker trips = default; 2 "buggies" per phase except last three phases operating less than 10 miles a day.
Construction: On-Road Fugitive Dust	2023 BAAQMD guidance - change silt load to 0.5
Construction: Architectural Coatings	Arch coating phase will most likely occur during interior buildout.
Construction: Paving	Applicant provided info.
Construction: Electricity	Applicant provided info.
Operations: Generators + Pumps EF	Generators will be Tier 2. Used BAAQMD 2023 Guidance, which explains defaults are Tier 2 values.
Operations: Energy Use	Applicant provided info.
Operations: Water and Waste Water	Applicant provided info.
Operations: Solid Waste	Applicant Provided Info.
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I131 South - Construction and Operation - 2/7/2024 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	I131 South - Construction and Operation - 2/7/2024
Construction Start Date	1/1/2026
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	131 Terminal Ct, South San Francisco, CA 94080, USA
County	San Mateo
City	South San Francisco
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1292
EDFZ	1
Electric Utility	Peninsula Clean Energy
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Research & Development	824	1000sqft	18.9	824,000	66,934	0.00	—	—
High Turnover (Sit Down Restaurant)	19.0	1000sqft	0.44	19,000	1,543	0.00	—	—
General Office Building	17.0	1000sqft	0.39	17,000	1,381	0.00	—	—
Enclosed Parking with Elevator	453	1000sqft	10.4	453,034	0.00	0.00	—	—
Parking Lot	62.0	Space	0.56	0.00	0.00	0.00	—	—
Health Club	20.0	1000sqft	0.46	20,000	1,625	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces
Construction	C-10-B	Water Active Demolition Sites
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads
Area Sources	AS-1	Use Low-VOC Cleaning Supplies
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment
Area Sources	AS-2	Use Low-VOC Paints

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.64	23.3	43.0	84.8	0.19	0.60	107	107	0.57	17.6	17.8	—	32,727	32,727	3.60	3.36	52.0	33,871
Mit.	5.64	23.3	43.0	84.8	0.19	0.60	59.1	59.3	0.57	12.9	13.1	—	32,727	32,727	3.60	3.36	52.0	33,871
% Reduced	—	—	—	—	—	—	45%	44%	—	27%	27%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.62	23.9	44.8	82.3	0.19	0.60	107	107	0.57	17.6	17.8	—	32,503	32,503	3.61	3.49	1.35	33,636
Mit.	5.62	23.9	44.8	82.3	0.19	0.60	59.1	59.3	0.57	12.9	13.1	—	32,503	32,503	3.61	3.49	1.35	33,636
% Reduced	—	—	—	—	—	—	45%	44%	—	27%	27%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.01	14.5	13.0	39.0	0.06	0.18	45.2	45.3	0.18	7.86	7.94	—	10,921	10,921	1.05	0.94	8.07	11,236
Mit.	2.01	14.5	13.0	39.0	0.06	0.18	27.2	27.2	0.18	6.06	6.14	—	10,921	10,921	1.05	0.94	8.07	11,236
% Reduced	—	—	—	—	—	—	40%	40%	—	23%	23%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.37	2.64	2.37	7.13	0.01	0.03	8.25	8.27	0.03	1.44	1.45	—	1,808	1,808	0.17	0.16	1.34	1,860
Mit.	0.37	2.64	2.37	7.13	0.01	0.03	4.96	4.97	0.03	1.11	1.12	—	1,808	1,808	0.17	0.16	1.34	1,860
% Reduced	—	—	—	—	—	—	40%	40%	—	23%	23%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.64	2.80	43.0	80.2	0.19	0.60	105	106	0.57	16.2	16.8	—	32,727	32,727	3.60	3.36	52.0	33,871
2027	4.17	23.3	18.2	84.8	0.09	0.17	107	107	0.16	17.6	17.8	—	21,173	21,173	0.90	0.58	33.8	21,402
2028	1.89	22.6	4.79	33.7	0.03	0.05	26.3	26.3	0.05	6.48	6.53	—	9,518	9,518	0.43	0.20	15.4	9,603
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.62	2.95	44.8	79.1	0.19	0.60	105	106	0.57	16.2	16.8	—	32,503	32,503	3.61	3.49	1.35	33,636
2027	4.16	23.3	18.9	82.3	0.09	0.17	107	107	0.16	17.6	17.8	—	20,594	20,594	0.96	0.58	0.87	20,791
2028	3.22	23.9	8.18	60.8	0.06	0.11	72.4	72.5	0.11	13.5	13.6	—	15,931	15,931	0.70	0.35	0.65	16,053
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.01	1.21	13.0	29.7	0.06	0.18	41.7	41.9	0.18	6.57	6.75	—	10,921	10,921	1.05	0.94	8.07	11,236
2027	2.01	14.5	10.2	39.0	0.05	0.08	45.2	45.3	0.08	7.86	7.94	—	10,530	10,530	0.60	0.31	7.23	10,646
2028	0.79	5.26	1.77	14.1	0.01	0.02	14.1	14.1	0.02	2.96	2.99	—	4,399	4,399	0.33	0.10	2.74	4,440
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.37	0.22	2.37	5.42	0.01	0.03	7.62	7.65	0.03	1.20	1.23	—	1,808	1,808	0.17	0.16	1.34	1,860
2027	0.37	2.64	1.86	7.13	0.01	0.02	8.25	8.27	0.01	1.44	1.45	—	1,743	1,743	0.10	0.05	1.20	1,763
2028	0.14	0.96	0.32	2.57	< 0.005	< 0.005	2.57	2.57	< 0.005	0.54	0.54	—	728	728	0.06	0.02	0.45	735

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.64	2.80	43.0	80.2	0.19	0.60	51.3	51.9	0.57	10.5	11.1	—	32,727	32,727	3.60	3.36	52.0	33,871
2027	4.17	23.3	18.2	84.8	0.09	0.17	59.1	59.3	0.16	12.9	13.1	—	21,173	21,173	0.90	0.58	33.8	21,402

2028	1.89	22.6	4.79	33.7	0.03	0.05	26.3	26.3	0.05	6.48	6.53	—	9,518	9,518	0.43	0.20	15.4	9,603
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.62	2.95	44.8	79.1	0.19	0.60	51.3	51.9	0.57	10.5	11.1	—	32,503	32,503	3.61	3.49	1.35	33,636
2027	4.16	23.3	18.9	82.3	0.09	0.17	59.1	59.3	0.16	12.9	13.1	—	20,594	20,594	0.96	0.58	0.87	20,791
2028	3.22	23.9	8.18	60.8	0.06	0.11	48.6	48.7	0.11	11.2	11.3	—	15,931	15,931	0.70	0.35	0.65	16,053
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.01	1.21	13.0	29.7	0.06	0.18	21.1	21.3	0.18	4.49	4.67	—	10,921	10,921	1.05	0.94	8.07	11,236
2027	2.01	14.5	10.2	39.0	0.05	0.08	27.2	27.2	0.08	6.06	6.14	—	10,530	10,530	0.60	0.31	7.23	10,646
2028	0.79	5.26	1.77	14.1	0.01	0.02	11.3	11.3	0.02	2.68	2.71	—	4,399	4,399	0.33	0.10	2.74	4,440
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.37	0.22	2.37	5.42	0.01	0.03	3.86	3.89	0.03	0.82	0.85	—	1,808	1,808	0.17	0.16	1.34	1,860
2027	0.37	2.64	1.86	7.13	0.01	0.02	4.96	4.97	0.01	1.11	1.12	—	1,743	1,743	0.10	0.05	1.20	1,763
2028	0.14	0.96	0.32	2.57	< 0.005	< 0.005	2.06	2.06	< 0.005	0.49	0.49	—	728	728	0.06	0.02	0.45	735

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	34.1	52.3	31.3	246	0.56	1.30	53.6	54.9	1.28	13.6	14.9	386	58,594	58,979	40.3	1.65	183	60,661
Mit.	23.7	40.0	30.8	188	0.55	1.20	53.6	54.8	1.20	13.6	14.8	386	58,355	58,741	40.3	1.65	183	60,422
% Reduced	30%	24%	2%	24%	1%	8%	—	< 0.5%	6%	—	1%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	23.5	42.6	33.1	177	0.53	1.20	53.6	54.8	1.20	13.6	14.8	386	55,911	56,297	40.4	1.81	54.3	57,899
Mit.	23.5	39.8	33.1	177	0.53	1.20	53.6	54.8	1.20	13.6	14.8	386	55,911	56,297	40.4	1.81	54.3	57,899
% Reduced	—	7%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	22.5	41.8	25.2	154	0.38	1.00	37.4	38.4	1.00	9.47	10.5	386	40,465	40,851	39.8	1.26	91.7	42,314
Mit.	17.4	34.3	25.0	125	0.38	0.95	37.4	38.3	0.96	9.47	10.4	386	40,347	40,733	39.8	1.26	91.7	42,196
% Reduced	23%	18%	1%	19%	< 0.5%	5%	—	< 0.5%	4%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.11	7.63	4.60	28.1	0.07	0.18	6.82	7.00	0.18	1.73	1.91	63.9	6,699	6,763	6.60	0.21	15.2	7,006
Mit.	3.18	6.26	4.56	22.9	0.07	0.17	6.82	6.99	0.18	1.73	1.90	63.9	6,680	6,744	6.60	0.21	15.2	6,986
% Reduced	23%	18%	1%	19%	< 0.5%	5%	—	< 0.5%	4%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.5	14.8	12.4	171	0.54	0.26	53.7	53.9	0.24	13.6	13.8	—	55,146	55,146	1.54	1.60	132	55,794
Area	10.3	31.0	0.49	58.0	< 0.005	0.10	—	0.10	0.08	—	0.08	—	238	238	0.01	< 0.005	—	239
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9

Stationar	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetatio n	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	34.1	52.3	31.3	246	0.56	1.30	53.6	54.9	1.28	13.6	14.9	386	58,594	58,979	40.3	1.65	183	60,661
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.3	14.6	14.7	160	0.52	0.26	53.7	53.9	0.24	13.6	13.8	—	52,702	52,702	1.66	1.76	3.43	53,271
Area	—	21.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationar y	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetatio n	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	23.5	42.6	33.1	177	0.53	1.20	53.6	54.8	1.20	13.6	14.8	386	55,911	56,297	40.4	1.81	54.3	57,899
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.5	10.3	9.89	112	0.37	0.19	37.4	37.6	0.17	9.48	9.65	—	37,740	37,740	1.15	1.21	40.8	38,171
Area	5.09	26.1	0.24	28.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	118	118	< 0.005	< 0.005	—	118
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationar y	5.96	5.43	15.2	13.8	0.03	0.80	0.00	0.80	0.80	0.00	0.80	0.00	2,776	2,776	0.11	0.02	0.00	2,785
Vegetatio n	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168

Total	22.5	41.8	25.2	154	0.38	1.00	37.4	38.4	1.00	9.47	10.5	386	40,465	40,851	39.8	1.26	91.7	42,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.10	1.87	1.80	20.4	0.07	0.03	6.82	6.86	0.03	1.73	1.76	—	6,248	6,248	0.19	0.20	6.76	6,320
Area	0.93	4.77	0.04	5.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.5	19.5	< 0.005	< 0.005	—	19.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	1.56	0.00	1.56	0.16	< 0.005	—	6.69
Waste	—	—	—	—	—	—	—	—	—	—	—	62.3	0.00	62.3	6.23	0.00	—	218
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.43	8.43
Stationary	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Vegetation	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9
Total	4.11	7.63	4.60	28.1	0.07	0.18	6.82	7.00	0.18	1.73	1.91	63.9	6,699	6,763	6.60	0.21	15.2	7,006

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.5	14.8	12.4	171	0.54	0.26	53.7	53.9	0.24	13.6	13.8	—	55,146	55,146	1.54	1.60	132	55,794
Area	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389

Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	23.7	40.0	30.8	188	0.55	1.20	53.6	54.8	1.20	13.6	14.8	386	58,355	58,741	40.3	1.65	183	60,422
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.3	14.6	14.7	160	0.52	0.26	53.7	53.9	0.24	13.6	13.8	—	52,702	52,702	1.66	1.76	3.43	53,271
Area	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	23.5	39.8	33.1	177	0.53	1.20	53.6	54.8	1.20	13.6	14.8	386	55,911	56,297	40.4	1.81	54.3	57,899
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.5	10.3	9.89	112	0.37	0.19	37.4	37.6	0.17	9.48	9.65	—	37,740	37,740	1.15	1.21	40.8	38,171
Area	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationary	5.96	5.43	15.2	13.8	0.03	0.80	0.00	0.80	0.80	0.00	0.80	0.00	2,776	2,776	0.11	0.02	0.00	2,785
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	17.4	34.3	25.0	125	0.38	0.95	37.4	38.3	0.96	9.47	10.4	386	40,347	40,733	39.8	1.26	91.7	42,196

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.10	1.87	1.80	20.4	0.07	0.03	6.82	6.86	0.03	1.73	1.76	—	6,248	6,248	0.19	0.20	6.76	6,320
Area	—	3.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	1.56	0.00	1.56	0.16	< 0.005	—	6.69
Waste	—	—	—	—	—	—	—	—	—	—	—	62.3	0.00	62.3	6.23	0.00	—	218
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.43	8.43
Stationary	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Vegetation	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9
Total	3.18	6.26	4.56	22.9	0.07	0.17	6.82	6.99	0.18	1.73	1.90	63.9	6,680	6,744	6.60	0.21	15.2	6,986

3. Construction Emissions Details

3.1. Building & Demo/Abatement (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.26	2.44	14.9	0.02	0.05	—	0.05	0.05	—	0.05	—	2,548	2,548	0.10	0.02	—	2,556
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.28	1.72	< 0.005	0.01	—	0.01	0.01	—	0.01	—	293	293	0.01	< 0.005	—	294
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	3.04	3.04	< 0.005	0.30	0.30	—	9.03	9.03	< 0.005	< 0.005	0.01	9.50
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.5	48.5	< 0.005	< 0.005	—	48.7
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.55	0.55	< 0.005	0.06	0.06	—	1.50	1.50	< 0.005	< 0.005	< 0.005	1.57
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.47	0.00	0.00	0.60	0.60	0.00	0.15	0.15	—	133	133	< 0.005	0.01	0.01	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.96	0.27	17.9	12.0	0.07	0.13	9.27	9.40	0.13	2.38	2.51	—	11,377	11,377	1.69	1.80	0.57	11,956
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.05	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	15.4	15.4	< 0.005	< 0.005	0.02	15.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.23	0.03	2.03	1.38	0.01	0.02	1.04	1.06	0.02	0.27	0.28	—	1,309	1,309	0.19	0.21	1.08	1,377
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.55	2.55	< 0.005	< 0.005	< 0.005	2.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.37	0.25	< 0.005	< 0.005	0.19	0.19	< 0.005	0.05	0.05	—	217	217	0.03	0.03	0.18	228

3.2. Building & Demo/Abatement (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.26	2.44	14.9	0.02	0.05	—	0.05	0.05	—	0.05	—	2,548	2,548	0.10	0.02	—	2,556
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.28	1.72	< 0.005	0.01	—	0.01	0.01	—	0.01	—	293	293	0.01	< 0.005	—	294
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.59	0.59	< 0.005	0.06	0.06	—	9.03	9.03	< 0.005	< 0.005	0.01	9.50
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.5	48.5	< 0.005	< 0.005	—	48.7
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.11	0.11	< 0.005	0.01	0.01	—	1.50	1.50	< 0.005	< 0.005	< 0.005	1.57
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.04	0.04	0.04	0.47	0.00	0.00	0.60	0.60	0.00	0.15	0.15	—	133	133	< 0.005	0.01	0.01	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.96	0.27	17.9	12.0	0.07	0.13	9.27	9.40	0.13	2.38	2.51	—	11,377	11,377	1.69	1.80	0.57	11,956
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.05	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	15.4	15.4	< 0.005	< 0.005	0.02	15.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.23	0.03	2.03	1.38	0.01	0.02	1.04	1.06	0.02	0.27	0.28	—	1,309	1,309	0.19	0.21	1.08	1,377
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.55	2.55	< 0.005	< 0.005	< 0.005	2.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.37	0.25	< 0.005	< 0.005	0.19	0.19	< 0.005	0.05	0.05	—	217	217	0.03	0.03	0.18	228

3.3. Rough Grading/Site Demo (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,240	5,240	0.21	0.04	—	5,258
Dust From Material Movement	—	—	—	—	—	—	5.03	5.03	—	0.67	0.67	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	7.62	7.62	—	1.15	1.15	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	0.15	82.7

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,240	5,240	0.21	0.04	—	5,258
Dust From Material Movement	—	—	—	—	—	—	5.03	5.03	—	0.67	0.67	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	7.62	7.62	—	1.15	1.15	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.46	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	488	488	0.02	< 0.005	—	490
Dust From Material Movement	—	—	—	—	—	—	0.47	0.47	—	0.06	0.06	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.71	0.71	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	2.46	2.46	< 0.005	0.25	0.25	—	7.31	7.31	< 0.005	< 0.005	0.01	7.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.8	80.8	< 0.005	< 0.005	—	81.1
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.13	0.13	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.45	0.45	< 0.005	0.04	0.04	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.27
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.72	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	202	202	< 0.005	< 0.005	0.60	203
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.06	0.43	26.4	18.7	0.11	0.20	14.4	14.6	0.20	3.70	3.90	—	17,681	17,681	2.62	2.80	34.1	18,615
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.67	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	191	191	< 0.005	0.01	0.02	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.05	0.42	27.8	18.7	0.11	0.20	14.4	14.6	0.20	3.70	3.90	—	17,680	17,680	2.62	2.80	0.88	18,580
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.8	17.8	< 0.005	< 0.005	0.02	18.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.28	0.04	2.55	1.74	0.01	0.02	1.31	1.33	0.02	0.34	0.36	—	1,647	1,647	0.24	0.26	1.36	1,732
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.95	2.95	< 0.005	< 0.005	< 0.005	2.99
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.47	0.32	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	273	273	0.04	0.04	0.23	287

3.4. Rough Grading/Site Demo (2026) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,240	5,240	0.21	0.04	—	5,258
Dust From Material Movement	—	—	—	—	—	—	1.31	1.31	—	0.17	0.17	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	4.88	4.88	—	0.74	0.74	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,240	5,240	0.21	0.04	—	5,258
Dust From Material Movement	—	—	—	—	—	—	1.31	1.31	—	0.17	0.17	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	4.88	4.88	—	0.74	0.74	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.46	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	488	488	0.02	< 0.005	—	490
Dust From Material Movement	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.45	0.45	—	0.07	0.07	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.48	0.48	< 0.005	0.05	0.05	—	7.31	7.31	< 0.005	< 0.005	0.01	7.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.8	80.8	< 0.005	< 0.005	—	81.1
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.09	0.09	< 0.005	0.01	0.01	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.27
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.72	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	202	202	< 0.005	< 0.005	0.60	203
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.06	0.43	26.4	18.7	0.11	0.20	14.4	14.6	0.20	3.70	3.90	—	17,681	17,681	2.62	2.80	34.1	18,615
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.67	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	191	191	< 0.005	0.01	0.02	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.05	0.42	27.8	18.7	0.11	0.20	14.4	14.6	0.20	3.70	3.90	—	17,680	17,680	2.62	2.80	0.88	18,580
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.8	17.8	< 0.005	< 0.005	0.02	18.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.28	0.04	2.55	1.74	0.01	0.02	1.31	1.33	0.02	0.34	0.36	—	1,647	1,647	0.24	0.26	1.36	1,732
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.95	2.95	< 0.005	< 0.005	< 0.005	2.99
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.47	0.32	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	273	273	0.04	0.04	0.23	287

3.5. Deep Foundations (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	6.53	15.4	0.02	0.26	—	0.26	0.24	—	0.24	—	2,191	2,191	0.09	0.02	—	2,199
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	6.53	15.4	0.02	0.26	—	0.26	0.24	—	0.24	—	2,191	2,191	0.09	0.02	—	2,199
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	2.31	5.44	0.01	0.09	—	0.09	0.08	—	0.08	—	774	774	0.03	0.01	—	777
Onsite truck	0.01	< 0.005	0.05	0.03	< 0.005	< 0.005	9.33	9.33	< 0.005	0.93	0.93	—	27.7	27.7	< 0.005	< 0.005	0.02	29.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.42	0.99	< 0.005	0.02	—	0.02	0.02	—	0.02	—	128	128	0.01	< 0.005	—	129

Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	1.70	1.70	< 0.005	0.17	0.17	—	4.59	4.59	< 0.005	< 0.005	< 0.005	4.83
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.08	0.85	13.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,839	3,839	0.06	0.03	11.4	3,861
Vendor	0.12	0.03	1.20	0.76	0.01	0.01	0.80	0.81	0.01	0.20	0.22	—	875	875	0.08	0.13	2.06	917
Hauling	0.32	0.04	2.76	1.95	0.01	0.02	1.50	1.52	0.02	0.39	0.41	—	1,845	1,845	0.27	0.29	3.56	1,942
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.12	0.03	1.26	0.77	0.01	0.01	0.80	0.81	0.01	0.20	0.22	—	875	875	0.08	0.13	0.05	915
Hauling	0.32	0.04	2.90	1.95	0.01	0.02	1.50	1.52	0.02	0.39	0.41	—	1,845	1,845	0.27	0.29	0.09	1,939
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.37	0.36	4.34	0.00	0.00	5.58	5.58	0.00	1.37	1.37	—	1,286	1,286	0.03	0.05	1.74	1,305
Vendor	0.04	0.01	0.44	0.27	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	309	309	0.03	0.04	0.31	324
Hauling	0.11	0.02	1.01	0.69	< 0.005	0.01	0.52	0.53	0.01	0.13	0.14	—	652	652	0.10	0.10	0.54	686
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.79	0.00	0.00	1.02	1.02	0.00	0.25	0.25	—	213	213	< 0.005	0.01	0.29	216
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	51.2	51.2	< 0.005	0.01	0.05	53.6
Hauling	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.09	0.10	< 0.005	0.02	0.03	—	108	108	0.02	0.02	0.09	114

3.6. Deep Foundations (2026) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	6.53	15.4	0.02	0.26	—	0.26	0.24	—	0.24	—	2,191	2,191	0.09	0.02	—	2,199
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	6.53	15.4	0.02	0.26	—	0.26	0.24	—	0.24	—	2,191	2,191	0.09	0.02	—	2,199
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	2.31	5.44	0.01	0.09	—	0.09	0.08	—	0.08	—	774	774	0.03	0.01	—	777
Onsite truck	0.01	< 0.005	0.05	0.03	< 0.005	< 0.005	1.81	1.81	< 0.005	0.18	0.18	—	27.7	27.7	< 0.005	< 0.005	0.02	29.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.42	0.99	< 0.005	0.02	—	0.02	0.02	—	0.02	—	128	128	0.01	< 0.005	—	129
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.33	0.33	< 0.005	0.03	0.03	—	4.59	4.59	< 0.005	< 0.005	< 0.005	4.83
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.08	0.85	13.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,839	3,839	0.06	0.03	11.4	3,861
Vendor	0.12	0.03	1.20	0.76	0.01	0.01	0.80	0.81	0.01	0.20	0.22	—	875	875	0.08	0.13	2.06	917
Hauling	0.32	0.04	2.76	1.95	0.01	0.02	1.50	1.52	0.02	0.39	0.41	—	1,845	1,845	0.27	0.29	3.56	1,942

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.12	0.03	1.26	0.77	0.01	0.01	0.80	0.81	0.01	0.20	0.22	—	875	875	0.08	0.13	0.05	915
Hauling	0.32	0.04	2.90	1.95	0.01	0.02	1.50	1.52	0.02	0.39	0.41	—	1,845	1,845	0.27	0.29	0.09	1,939
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.37	0.36	4.34	0.00	0.00	5.58	5.58	0.00	1.37	1.37	—	1,286	1,286	0.03	0.05	1.74	1,305
Vendor	0.04	0.01	0.44	0.27	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	309	309	0.03	0.04	0.31	324
Hauling	0.11	0.02	1.01	0.69	< 0.005	0.01	0.52	0.53	0.01	0.13	0.14	—	652	652	0.10	0.10	0.54	686
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.79	0.00	0.00	1.02	1.02	0.00	0.25	0.25	—	213	213	< 0.005	0.01	0.29	216
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	51.2	51.2	< 0.005	0.01	0.05	53.6
Hauling	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.09	0.10	< 0.005	0.02	0.03	—	108	108	0.02	0.02	0.09	114

3.7. Foundations (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	0.80	8.78	0.01	0.03	—	0.03	0.03	—	0.03	—	1,619	1,619	0.07	0.01	—	1,624
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.15	0.15	0.80	8.78	0.01	0.03	—	0.03	0.03	—	0.03	—	1,619	1,619	0.07	0.01	—	1,624
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.18	2.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	368	368	0.01	< 0.005	—	369
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	6.00	6.00	< 0.005	0.60	0.60	—	17.9	17.9	< 0.005	< 0.005	0.01	18.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.9	60.9	< 0.005	< 0.005	—	61.2
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	1.10	1.10	< 0.005	0.11	0.11	—	2.96	2.96	< 0.005	< 0.005	< 0.005	3.11
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.08	0.85	13.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,839	3,839	0.06	0.03	11.4	3,861
Vendor	0.48	0.12	4.80	3.03	0.02	0.05	3.19	3.24	0.05	0.82	0.86	—	3,502	3,502	0.33	0.50	8.24	3,668
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.47	0.12	5.04	3.08	0.02	0.05	3.19	3.24	0.05	0.82	0.86	—	3,501	3,501	0.33	0.50	0.21	3,660
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.23	2.79	0.00	0.00	3.59	3.59	0.00	0.88	0.88	—	827	827	0.02	0.04	1.12	839
Vendor	0.11	0.03	1.13	0.69	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	796	796	0.08	0.11	0.81	833

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.51	0.00	0.00	0.66	0.66	0.00	0.16	0.16	—	137	137	< 0.005	0.01	0.19	139
Vendor	0.02	< 0.005	0.21	0.13	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	132	132	0.01	0.02	0.13	138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Foundations (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	0.80	8.78	0.01	0.03	—	0.03	0.03	—	0.03	—	1,619	1,619	0.07	0.01	—	1,624
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	0.80	8.78	0.01	0.03	—	0.03	0.03	—	0.03	—	1,619	1,619	0.07	0.01	—	1,624
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.18	2.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	368	368	0.01	< 0.005	—	369
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	1.16	1.16	< 0.005	0.12	0.12	—	17.9	17.9	< 0.005	< 0.005	0.01	18.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.9	60.9	< 0.005	< 0.005	—	61.2
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.21	0.21	< 0.005	0.02	0.02	—	2.96	2.96	< 0.005	< 0.005	< 0.005	3.11
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.08	0.85	13.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,839	3,839	0.06	0.03	11.4	3,861
Vendor	0.48	0.12	4.80	3.03	0.02	0.05	3.19	3.24	0.05	0.82	0.86	—	3,502	3,502	0.33	0.50	8.24	3,668
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.47	0.12	5.04	3.08	0.02	0.05	3.19	3.24	0.05	0.82	0.86	—	3,501	3,501	0.33	0.50	0.21	3,660
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.23	2.79	0.00	0.00	3.59	3.59	0.00	0.88	0.88	—	827	827	0.02	0.04	1.12	839
Vendor	0.11	0.03	1.13	0.69	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	796	796	0.08	0.11	0.81	833
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.51	0.00	0.00	0.66	0.66	0.00	0.16	0.16	—	137	137	< 0.005	0.01	0.19	139
Vendor	0.02	< 0.005	0.21	0.13	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	132	132	0.01	0.02	0.13	138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Superstructure (2026) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.39	3.68	0.01	0.01	—	0.01	0.01	—	0.01	—	606	606	0.02	< 0.005	—	608
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	3.98	3.98	< 0.005	0.40	0.40	—	11.8	11.8	< 0.005	< 0.005	0.01	12.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.25	0.67	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	100	100	< 0.005	< 0.005	—	101
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.73	0.73	< 0.005	0.07	0.07	—	1.96	1.96	< 0.005	< 0.005	< 0.005	2.06
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.17	0.04	1.87	1.14	0.01	0.02	1.18	1.20	0.02	0.30	0.32	—	1,299	1,299	0.12	0.19	0.08	1,358
Hauling	0.07	0.01	0.61	0.41	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	384	384	0.06	0.06	0.02	404

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.16	0.15	1.85	0.00	0.00	2.38	2.38	0.00	0.59	0.59	—	548	548	0.01	0.02	0.74	556
Vendor	0.03	0.01	0.28	0.17	< 0.005	< 0.005	0.17	0.18	< 0.005	0.04	0.05	—	196	196	0.02	0.03	0.20	205
Hauling	0.01	< 0.005	0.09	0.06	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	57.9	57.9	0.01	0.01	0.05	60.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.34	0.00	0.00	0.43	0.43	0.00	0.11	0.11	—	90.8	90.8	< 0.005	< 0.005	0.12	92.1
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	32.4	32.4	< 0.005	< 0.005	0.03	33.9
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.59	9.59	< 0.005	< 0.005	0.01	10.1

3.10. Superstructure (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.39	3.68	0.01	0.01	—	0.01	0.01	—	0.01	—	606	606	0.02	< 0.005	—	608
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.77	0.77	< 0.005	0.08	0.08	—	11.8	11.8	< 0.005	< 0.005	0.01	12.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.25	0.67	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	100	100	< 0.005	< 0.005	—	101
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.14	0.14	< 0.005	0.01	0.01	—	1.96	1.96	< 0.005	< 0.005	< 0.005	2.06
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.17	0.04	1.87	1.14	0.01	0.02	1.18	1.20	0.02	0.30	0.32	—	1,299	1,299	0.12	0.19	0.08	1,358
Hauling	0.07	0.01	0.61	0.41	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	384	384	0.06	0.06	0.02	404
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.16	0.15	1.85	0.00	0.00	2.38	2.38	0.00	0.59	0.59	—	548	548	0.01	0.02	0.74	556
Vendor	0.03	0.01	0.28	0.17	< 0.005	< 0.005	0.17	0.18	< 0.005	0.04	0.05	—	196	196	0.02	0.03	0.20	205
Hauling	0.01	< 0.005	0.09	0.06	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	57.9	57.9	0.01	0.01	0.05	60.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.34	0.00	0.00	0.43	0.43	0.00	0.11	0.11	—	90.8	90.8	< 0.005	< 0.005	0.12	92.1
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	32.4	32.4	< 0.005	< 0.005	0.03	33.9
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.59	9.59	< 0.005	< 0.005	0.01	10.1

3.11. Superstructure (2027) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	76.6	76.6	0.01	0.01	0.14	80.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	76.6	76.6	0.01	0.01	< 0.005	80.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.28	5.38	14.3	0.03	0.04	—	0.04	0.04	—	0.04	—	2,353	2,353	0.10	0.02	—	2,361
Onsite truck	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	15.4	15.4	< 0.005	1.54	1.54	—	44.8	44.8	0.01	0.01	0.03	47.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.98	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	390	390	0.02	< 0.005	—	391
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	2.82	2.82	< 0.005	0.28	0.28	—	7.42	7.42	< 0.005	< 0.005	0.01	7.81
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.02	0.71	12.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,767	3,767	0.05	0.03	10.0	3,787
Vendor	0.17	0.04	1.69	1.09	0.01	0.02	1.18	1.20	0.01	0.30	0.31	—	1,270	1,270	0.12	0.18	2.78	1,329
Hauling	0.06	0.01	0.55	0.40	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	375	375	0.05	0.06	0.69	395

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.01	0.89	11.9	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,560	3,560	0.07	0.03	0.26	3,571
Vendor	0.17	0.04	1.77	1.10	0.01	0.02	1.18	1.20	0.01	0.30	0.31	—	1,271	1,271	0.12	0.18	0.07	1,327
Hauling	0.06	0.01	0.58	0.40	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	375	375	0.05	0.06	0.02	394
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.58	0.51	6.70	0.00	0.00	9.24	9.24	0.00	2.27	2.27	—	2,089	2,089	0.04	0.02	2.54	2,098
Vendor	0.10	0.03	1.01	0.64	< 0.005	0.01	0.68	0.69	< 0.005	0.17	0.18	—	743	743	0.07	0.10	0.70	777
Hauling	0.04	0.01	0.33	0.23	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	219	219	0.03	0.04	0.17	231
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.22	0.00	0.00	1.69	1.69	0.00	0.41	0.41	—	346	346	0.01	< 0.005	0.42	347
Vendor	0.02	< 0.005	0.19	0.12	< 0.005	< 0.005	0.12	0.13	< 0.005	0.03	0.03	—	123	123	0.01	0.02	0.12	129
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	36.3	36.3	0.01	0.01	0.03	38.2

3.12. Superstructure (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	76.6	76.6	0.01	0.01	0.14	80.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	76.6	76.6	0.01	0.01	< 0.005	80.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.28	5.38	14.3	0.03	0.04	—	0.04	0.04	—	0.04	—	2,353	2,353	0.10	0.02	—	2,361
Onsite truck	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	2.99	2.99	< 0.005	0.30	0.30	—	44.8	44.8	0.01	0.01	0.03	47.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.98	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	390	390	0.02	< 0.005	—	391
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.55	0.55	< 0.005	0.05	0.05	—	7.42	7.42	< 0.005	< 0.005	0.01	7.81
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.02	0.71	12.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,767	3,767	0.05	0.03	10.0	3,787
Vendor	0.17	0.04	1.69	1.09	0.01	0.02	1.18	1.20	0.01	0.30	0.31	—	1,270	1,270	0.12	0.18	2.78	1,329
Hauling	0.06	0.01	0.55	0.40	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	375	375	0.05	0.06	0.69	395
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.01	0.89	11.9	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,560	3,560	0.07	0.03	0.26	3,571
Vendor	0.17	0.04	1.77	1.10	0.01	0.02	1.18	1.20	0.01	0.30	0.31	—	1,271	1,271	0.12	0.18	0.07	1,327
Hauling	0.06	0.01	0.58	0.40	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	375	375	0.05	0.06	0.02	394
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.58	0.51	6.70	0.00	0.00	9.24	9.24	0.00	2.27	2.27	—	2,089	2,089	0.04	0.02	2.54	2,098
Vendor	0.10	0.03	1.01	0.64	< 0.005	0.01	0.68	0.69	< 0.005	0.17	0.18	—	743	743	0.07	0.10	0.70	777

Hauling	0.04	0.01	0.33	0.23	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	219	219	0.03	0.04	0.17	231
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.22	0.00	0.00	1.69	1.69	0.00	0.41	0.41	—	346	346	0.01	< 0.005	0.42	347
Vendor	0.02	< 0.005	0.19	0.12	< 0.005	< 0.005	0.12	0.13	< 0.005	0.03	0.03	—	123	123	0.01	0.02	0.12	129
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	36.3	36.3	0.01	0.01	0.03	38.2

3.13. Building Enclosure (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,653	2,653	0.11	0.02	—	2,662
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	76.6	76.6	0.01	0.01	0.14	80.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,653	2,653	0.11	0.02	—	2,662
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	76.6	76.6	0.01	0.01	< 0.005	80.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.35	4.37	0.01	0.01	—	0.01	0.01	—	0.01	—	701	701	0.03	0.01	—	703
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	6.97	6.97	< 0.005	0.70	0.70	—	20.2	20.2	< 0.005	< 0.005	0.02	21.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.06	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	116	116	< 0.005	< 0.005	—	116
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	1.27	1.27	< 0.005	0.13	0.13	—	3.35	3.35	< 0.005	< 0.005	< 0.005	3.53
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.02	0.71	12.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,767	3,767	0.05	0.03	10.0	3,787
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.01	0.77	0.56	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	525	525	0.07	0.09	0.96	553
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.01	0.89	11.9	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,560	3,560	0.07	0.03	0.26	3,571
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.01	0.81	0.56	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	525	525	0.07	0.09	0.02	552
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.26	0.23	3.02	0.00	0.00	4.17	4.17	0.00	1.03	1.03	—	943	943	0.02	0.01	1.15	947
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.21	0.15	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	139	139	0.02	0.02	0.11	146
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.55	0.00	0.00	0.76	0.76	0.00	0.19	0.19	—	156	156	< 0.005	< 0.005	0.19	157
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	22.9	22.9	< 0.005	< 0.005	0.02	24.2

3.14. Building Enclosure (2027) - Mitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,653	2,653	0.11	0.02	—	2,662
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	76.6	76.6	0.01	0.01	0.14	80.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,653	2,653	0.11	0.02	—	2,662
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	76.6	76.6	0.01	0.01	< 0.005	80.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.35	4.37	0.01	0.01	—	0.01	0.01	—	0.01	—	701	701	0.03	0.01	—	703
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	1.35	1.35	< 0.005	0.14	0.14	—	20.2	20.2	< 0.005	< 0.005	0.02	21.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	116	116	< 0.005	< 0.005	—	116
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.25	0.25	< 0.005	0.02	0.02	—	3.35	3.35	< 0.005	< 0.005	< 0.005	3.53
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.02	0.71	12.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,767	3,767	0.05	0.03	10.0	3,787
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.01	0.77	0.56	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	525	525	0.07	0.09	0.96	553

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.01	0.89	11.9	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,560	3,560	0.07	0.03	0.26	3,571
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.01	0.81	0.56	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	525	525	0.07	0.09	0.02	552
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.26	0.23	3.02	0.00	0.00	4.17	4.17	0.00	1.03	1.03	—	943	943	0.02	0.01	1.15	947
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.21	0.15	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	139	139	0.02	0.02	0.11	146
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.55	0.00	0.00	0.76	0.76	0.00	0.19	0.19	—	156	156	< 0.005	< 0.005	0.19	157
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	22.9	22.9	< 0.005	< 0.005	0.02	24.2

3.15. Building Enclosure (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	74.4	74.4	0.01	0.01	< 0.005	78.3

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.17	2.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	348	348	0.01	< 0.005	—	349
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	3.46	3.46	< 0.005	0.35	0.35	—	9.76	9.76	< 0.005	< 0.005	0.01	10.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.6	57.6	< 0.005	< 0.005	—	57.8
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.63	0.63	< 0.005	0.06	0.06	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.70
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.96	0.88	11.2	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,498	3,498	0.06	0.03	0.23	3,509
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.76	0.54	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	510	510	0.07	0.08	0.02	536
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.10	1.41	0.00	0.00	2.07	2.07	0.00	0.51	0.51	—	460	460	0.01	< 0.005	0.50	462
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	66.8	66.8	0.01	0.01	0.05	70.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.38	0.38	0.00	0.09	0.09	—	76.2	76.2	< 0.005	< 0.005	0.08	76.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6

3.16. Building Enclosure (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.17	2.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	348	348	0.01	< 0.005	—	349
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.67	0.67	< 0.005	0.07	0.07	—	9.76	9.76	< 0.005	< 0.005	0.01	10.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.6	57.6	< 0.005	< 0.005	—	57.8
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.70
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.98	0.96	0.88	11.2	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,498	3,498	0.06	0.03	0.23	3,509
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.76	0.54	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	510	510	0.07	0.08	0.02	536
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.10	1.41	0.00	0.00	2.07	2.07	0.00	0.51	0.51	—	460	460	0.01	< 0.005	0.50	462
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	66.8	66.8	0.01	0.01	0.05	70.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.38	0.38	0.00	0.09	0.09	—	76.2	76.2	< 0.005	< 0.005	0.08	76.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6

3.17. Sitework (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.14	0.70	7.44	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.14	0.70	7.44	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.27	2.87	0.01	0.01	—	0.01	0.01	—	0.01	—	552	552	0.02	< 0.005	—	554
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.52	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.4	91.4	< 0.005	< 0.005	—	91.7
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	97.2	97.2	< 0.005	< 0.005	0.23	97.8
Vendor	0.03	0.01	0.28	0.18	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.05	—	215	215	0.02	0.03	0.43	225
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.29	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	91.9	91.9	< 0.005	< 0.005	0.01	92.2
Vendor	0.03	0.01	0.29	0.19	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.05	—	215	215	0.02	0.03	0.01	225
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	35.6	35.6	< 0.005	< 0.005	0.04	35.8
Vendor	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	83.1	83.1	0.01	0.01	0.07	87.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	5.90	5.90	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.01	14.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Sitework (2028) - Mitigated

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

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

Off-Road Equipment	0.14	0.14	0.70	7.44	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.14	0.70	7.44	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.27	2.87	0.01	0.01	—	0.01	0.01	—	0.01	—	552	552	0.02	< 0.005	—	554
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.52	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.4	91.4	< 0.005	< 0.005	—	91.7

Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	97.2	97.2	< 0.005	< 0.005	0.23	97.8
Vendor	0.03	0.01	0.28	0.18	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.05	—	215	215	0.02	0.03	0.43	225
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.29	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	91.9	91.9	< 0.005	< 0.005	0.01	92.2
Vendor	0.03	0.01	0.29	0.19	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.05	—	215	215	0.02	0.03	0.01	225
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	35.6	35.6	< 0.005	< 0.005	0.04	35.8
Vendor	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	83.1	83.1	0.01	0.01	0.07	87.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	5.90	5.90	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.01	14.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Interior Buildout (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.24	3.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	486	486	0.02	< 0.005	—	488
Architectural Coatings	—	12.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.23	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.4	80.4	< 0.005	< 0.005	—	80.7
Architectural Coatings	—	2.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.84	0.82	0.57	10.3	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	3,013	3,013	0.04	0.03	8.03	3,030
Vendor	0.06	0.02	0.59	0.38	< 0.005	0.01	0.41	0.42	< 0.005	0.11	0.11	—	442	442	0.04	0.06	0.97	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.84	0.81	0.71	9.55	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,848	2,848	0.06	0.03	0.21	2,857
Vendor	0.06	0.01	0.61	0.38	< 0.005	0.01	0.41	0.42	< 0.005	0.11	0.11	—	442	442	0.04	0.06	0.02	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.51	0.45	5.93	0.00	0.00	8.18	8.18	0.00	2.01	2.01	—	1,850	1,850	0.03	0.02	2.25	1,858
Vendor	0.04	0.01	0.39	0.25	< 0.005	< 0.005	0.26	0.26	< 0.005	0.07	0.07	—	286	286	0.03	0.04	0.27	299
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.08	0.00	0.00	1.49	1.49	0.00	0.37	0.37	—	306	306	0.01	< 0.005	0.37	308
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	47.4	47.4	< 0.005	0.01	0.04	49.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Interior Buildout (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.24	3.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	486	486	0.02	< 0.005	—	488
Architectural Coatings	—	12.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.23	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.4	80.4	< 0.005	< 0.005	—	80.7
Architectural Coatings	—	2.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.84	0.82	0.57	10.3	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	3,013	3,013	0.04	0.03	8.03	3,030
Vendor	0.06	0.02	0.59	0.38	< 0.005	0.01	0.41	0.42	< 0.005	0.11	0.11	—	442	442	0.04	0.06	0.97	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.84	0.81	0.71	9.55	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,848	2,848	0.06	0.03	0.21	2,857
Vendor	0.06	0.01	0.61	0.38	< 0.005	0.01	0.41	0.42	< 0.005	0.11	0.11	—	442	442	0.04	0.06	0.02	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.51	0.45	5.93	0.00	0.00	8.18	8.18	0.00	2.01	2.01	—	1,850	1,850	0.03	0.02	2.25	1,858
Vendor	0.04	0.01	0.39	0.25	< 0.005	< 0.005	0.26	0.26	< 0.005	0.07	0.07	—	286	286	0.03	0.04	0.27	299
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.08	0.00	0.00	1.49	1.49	0.00	0.37	0.37	—	306	306	0.01	< 0.005	0.37	308
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	47.4	47.4	< 0.005	0.01	0.04	49.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Interior Buildout (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.39	1.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	154	154	0.01	< 0.005	—	155
Architectural Coatings	—	4.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.5	25.5	< 0.005	< 0.005	—	25.6
Architectural Coatings	—	0.73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.77	0.56	9.65	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,961	2,961	0.04	0.03	7.03	2,977
Vendor	0.06	0.01	0.55	0.37	< 0.005	< 0.005	0.41	0.41	< 0.005	0.11	0.11	—	430	430	0.04	0.06	0.87	451
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.77	0.70	8.97	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,799	2,799	0.05	0.03	0.18	2,808
Vendor	0.05	0.01	0.58	0.37	< 0.005	< 0.005	0.41	0.41	< 0.005	0.11	0.11	—	430	430	0.04	0.06	0.02	450
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.15	0.12	1.77	0.00	0.00	2.59	2.59	0.00	0.64	0.64	—	577	577	0.01	0.01	0.62	579
Vendor	0.01	< 0.005	0.12	0.08	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	88.4	88.4	0.01	0.01	0.08	92.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.47	0.47	0.00	0.12	0.12	—	95.5	95.5	< 0.005	< 0.005	0.10	95.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.01	15.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Interior Buildout (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.39	1.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	154	154	0.01	< 0.005	—	155
Architectural Coatings	—	4.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.5	25.5	< 0.005	< 0.005	—	25.6
Architectural Coatings	—	0.73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.77	0.56	9.65	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,961	2,961	0.04	0.03	7.03	2,977
Vendor	0.06	0.01	0.55	0.37	< 0.005	< 0.005	0.41	0.41	< 0.005	0.11	0.11	—	430	430	0.04	0.06	0.87	451
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.77	0.70	8.97	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,799	2,799	0.05	0.03	0.18	2,808
Vendor	0.05	0.01	0.58	0.37	< 0.005	< 0.005	0.41	0.41	< 0.005	0.11	0.11	—	430	430	0.04	0.06	0.02	450
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.15	0.12	1.77	0.00	0.00	2.59	2.59	0.00	0.64	0.64	—	577	577	0.01	0.01	0.62	579
Vendor	0.01	< 0.005	0.12	0.08	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	88.4	88.4	0.01	0.01	0.08	92.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.47	0.47	0.00	0.12	0.12	—	95.5	95.5	< 0.005	< 0.005	0.10	95.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.01	15.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Startup/Inspections (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	88.7	88.7	< 0.005	< 0.005	—	89.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.7	14.7	< 0.005	< 0.005	—	14.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.72	0.53	9.08	0.00	0.00	12.2	12.2	0.00	3.00	3.00	—	2,785	2,785	0.04	0.02	6.62	2,800
Vendor	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	108	108	0.01	0.02	0.22	113
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.72	0.66	8.44	0.00	0.00	12.2	12.2	0.00	3.00	3.00	—	2,632	2,632	0.05	0.02	0.17	2,641
Vendor	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	108	108	0.01	0.02	0.01	112
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.34	0.33	0.26	3.77	0.00	0.00	5.53	5.53	0.00	1.36	1.36	—	1,230	1,230	0.02	0.01	1.33	1,235
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	50.1	50.1	< 0.005	0.01	0.04	52.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.69	0.00	0.00	1.01	1.01	0.00	0.25	0.25	—	204	204	< 0.005	< 0.005	0.22	204
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	8.30	8.30	< 0.005	< 0.005	0.01	8.68
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Startup/Inspections (2028) - Mitigated

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

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

Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	88.7	88.7	< 0.005	< 0.005	—	89.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.7	14.7	< 0.005	< 0.005	—	14.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.72	0.53	9.08	0.00	0.00	12.2	12.2	0.00	3.00	3.00	—	2,785	2,785	0.04	0.02	6.62	2,800
Vendor	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	108	108	0.01	0.02	0.22	113
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.72	0.66	8.44	0.00	0.00	12.2	12.2	0.00	3.00	3.00	—	2,632	2,632	0.05	0.02	0.17	2,641

Vendor	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	108	108	0.01	0.02	0.01	112
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.34	0.33	0.26	3.77	0.00	0.00	5.53	5.53	0.00	1.36	1.36	—	1,230	1,230	0.02	0.01	1.33	1,235
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	50.1	50.1	< 0.005	0.01	0.04	52.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.69	0.00	0.00	1.01	1.01	0.00	0.25	0.25	—	204	204	< 0.005	< 0.005	0.22	204
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	8.30	8.30	< 0.005	< 0.005	0.01	8.68
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Decommissioning (2057) - Unmitigated

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

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

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

3.26. Decommissioning (2057) - Mitigated

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

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

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	15.4	13.8	11.6	160	0.51	0.24	50.2	50.5	0.23	12.7	13.0	—	51,637	51,637	1.45	1.50	124	52,244
High Turnover (Sit Down Restaurant)	0.36	0.32	0.27	3.69	0.01	0.01	1.16	1.16	0.01	0.29	0.30	—	1,191	1,191	0.03	0.03	2.86	1,205
General Office Building	0.32	0.29	0.24	3.30	0.01	0.01	1.04	1.04	< 0.005	0.26	0.27	—	1,065	1,065	0.03	0.03	2.56	1,078
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.37	0.34	0.28	3.88	0.01	0.01	1.22	1.23	0.01	0.31	0.31	—	1,253	1,253	0.04	0.04	3.01	1,268
Total	16.5	14.8	12.4	171	0.54	0.26	53.7	53.9	0.24	13.6	13.8	—	55,146	55,146	1.54	1.60	132	55,794
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Researc & Development	15.2	13.6	13.7	150	0.49	0.24	50.2	50.5	0.23	12.7	13.0	—	49,348	49,348	1.55	1.65	3.21	49,881
High Turnover (Sit Down Restaurant)	0.35	0.31	0.32	3.46	0.01	0.01	1.16	1.16	0.01	0.29	0.30	—	1,138	1,138	0.04	0.04	0.07	1,150
General Office Building	0.31	0.28	0.28	3.09	0.01	0.01	1.04	1.04	< 0.005	0.26	0.27	—	1,018	1,018	0.03	0.03	0.07	1,029
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.37	0.33	0.33	3.64	0.01	0.01	1.22	1.23	0.01	0.31	0.31	—	1,198	1,198	0.04	0.04	0.08	1,211
Total	16.3	14.6	14.7	160	0.52	0.26	53.7	53.9	0.24	13.6	13.8	—	52,702	52,702	1.66	1.76	3.43	53,271
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	1.96	1.75	1.69	19.1	0.06	0.03	6.39	6.42	0.03	1.62	1.65	—	5,851	5,851	0.18	0.19	6.33	5,917
High Turnover (Sit Down Restaurant)	0.05	0.04	0.04	0.44	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	135	135	< 0.005	< 0.005	0.15	136
General Office Building	0.04	0.04	0.03	0.39	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	121	121	< 0.005	< 0.005	0.13	122
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.05	0.04	0.04	0.46	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.04	—	142	142	< 0.005	< 0.005	0.15	144
Total	2.10	1.87	1.80	20.4	0.07	0.03	6.82	6.86	0.03	1.73	1.76	—	6,248	6,248	0.19	0.20	6.76	6,320

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	15.4	13.8	11.6	160	0.51	0.24	50.2	50.5	0.23	12.7	13.0	—	51,637	51,637	1.45	1.50	124	52,244
High Turnover (Sit Down Restaurant)	0.36	0.32	0.27	3.69	0.01	0.01	1.16	1.16	0.01	0.29	0.30	—	1,191	1,191	0.03	0.03	2.86	1,205
General Office Building	0.32	0.29	0.24	3.30	0.01	0.01	1.04	1.04	< 0.005	0.26	0.27	—	1,065	1,065	0.03	0.03	2.56	1,078
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.37	0.34	0.28	3.88	0.01	0.01	1.22	1.23	0.01	0.31	0.31	—	1,253	1,253	0.04	0.04	3.01	1,268
Total	16.5	14.8	12.4	171	0.54	0.26	53.7	53.9	0.24	13.6	13.8	—	55,146	55,146	1.54	1.60	132	55,794

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	15.2	13.6	13.7	150	0.49	0.24	50.2	50.5	0.23	12.7	13.0	—	49,348	49,348	1.55	1.65	3.21	49,881
High Turnover (Sit Down Restaurant)	0.35	0.31	0.32	3.46	0.01	0.01	1.16	1.16	0.01	0.29	0.30	—	1,138	1,138	0.04	0.04	0.07	1,150
General Office Building	0.31	0.28	0.28	3.09	0.01	0.01	1.04	1.04	< 0.005	0.26	0.27	—	1,018	1,018	0.03	0.03	0.07	1,029
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.37	0.33	0.33	3.64	0.01	0.01	1.22	1.23	0.01	0.31	0.31	—	1,198	1,198	0.04	0.04	0.08	1,211
Total	16.3	14.6	14.7	160	0.52	0.26	53.7	53.9	0.24	13.6	13.8	—	52,702	52,702	1.66	1.76	3.43	53,271
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	1.96	1.75	1.69	19.1	0.06	0.03	6.39	6.42	0.03	1.62	1.65	—	5,851	5,851	0.18	0.19	6.33	5,917
High Turnover (Sit Down Restaurant)	0.05	0.04	0.04	0.44	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	135	135	< 0.005	< 0.005	0.15	136
General Office Building	0.04	0.04	0.03	0.39	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	121	121	< 0.005	< 0.005	0.13	122

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.05	0.04	0.04	0.46	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.04	—	142	142	< 0.005	< 0.005	0.15	144
Total	2.10	1.87	1.80	20.4	0.07	0.03	6.82	6.86	0.03	1.73	1.76	—	6,248	6,248	0.19	0.20	6.76	6,320

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

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

Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	18.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	2.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	10.3	9.52	0.49	58.0	< 0.005	0.10	—	0.10	0.08	—	0.08	—	238	238	0.01	< 0.005	—	239
Total	10.3	31.0	0.49	58.0	< 0.005	0.10	—	0.10	0.08	—	0.08	—	238	238	0.01	< 0.005	—	239
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	18.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	2.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	21.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	3.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipme	0.93	0.86	0.04	5.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.5	19.5	< 0.005	< 0.005	—	19.5
Total	0.93	4.77	0.04	5.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.5	19.5	< 0.005	< 0.005	—	19.5

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	3.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	—	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	3.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	< 0.005	—	0.87
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.18	0.00	0.18	0.02	< 0.005	—	0.78
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.21	0.00	0.21	0.02	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	< 0.005	—	0.87
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.18	0.00	0.18	0.02	< 0.005	—	0.78
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.21	0.00	0.21	0.02	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.03	0.00	0.03	< 0.005	< 0.005	—	0.14
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.03	0.00	0.03	< 0.005	< 0.005	—	0.13

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.15
Total	—	—	—	—	—	—	—	—	—	—	—	1.56	0.00	1.56	0.16	< 0.005	—	6.69

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	< 0.005	—	0.87
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.18	0.00	0.18	0.02	< 0.005	—	0.78
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Health Club	—	—	—	—	—	—	—	—	—	—	—	0.21	0.00	0.21	0.02	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	< 0.005	—	0.87
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.18	0.00	0.18	0.02	< 0.005	—	0.78
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.21	0.00	0.21	0.02	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.03	0.00	0.03	< 0.005	< 0.005	—	0.14

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.03	0.00	0.03	< 0.005	< 0.005	—	0.13
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.15
Total	—	—	—	—	—	—	—	—	—	—	—	1.56	0.00	1.56	0.16	< 0.005	—	6.69

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	351	0.00	351	35.1	0.00	—	1,227
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	9.11	0.00	9.11	0.91	0.00	—	31.9
General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.15	0.00	8.15	0.81	0.00	—	28.5

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	8.19	0.00	8.19	0.82	0.00	—	28.7
Total	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	351	0.00	351	35.1	0.00	—	1,227
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	9.11	0.00	9.11	0.91	0.00	—	31.9
General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.15	0.00	8.15	0.81	0.00	—	28.5
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	8.19	0.00	8.19	0.82	0.00	—	28.7
Total	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	—	—	—	—	—	—	—	—	—	—	—	58.1	0.00	58.1	5.81	0.00	—	203
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	1.51	0.00	1.51	0.15	0.00	—	5.28
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.35	0.00	1.35	0.13	0.00	—	4.72
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.75
Total	—	—	—	—	—	—	—	—	—	—	—	62.3	0.00	62.3	6.23	0.00	—	218

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	351	0.00	351	35.1	0.00	—	1,227

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	9.11	0.00	9.11	0.91	0.00	—	31.9
General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.15	0.00	8.15	0.81	0.00	—	28.5
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	8.19	0.00	8.19	0.82	0.00	—	28.7
Total	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	351	0.00	351	35.1	0.00	—	1,227
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	9.11	0.00	9.11	0.91	0.00	—	31.9
General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.15	0.00	8.15	0.81	0.00	—	28.5
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Health Club	—	—	—	—	—	—	—	—	—	—	—	8.19	0.00	8.19	0.82	0.00	—	28.7
Total	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	58.1	0.00	58.1	5.81	0.00	—	203
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	1.51	0.00	1.51	0.15	0.00	—	5.28
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.35	0.00	1.35	0.13	0.00	—	4.72
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.75
Total	—	—	—	—	—	—	—	—	—	—	—	62.3	0.00	62.3	6.23	0.00	—	218

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.1	21.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.7	29.7
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.1	21.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.7	29.7
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.49	3.49

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.92	4.92
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.43	8.43

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.1	21.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.7	29.7
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.1	21.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.7	29.7
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.49	3.49
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.92	4.92
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.43	8.43

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Total	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461

4.8.2. Mitigated

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

Equipment	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Total	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52

Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2

Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25

Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97

Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Fremont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.39	-0.39	—	—	—	-0.39
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.40	-1.40	—	—	—	-1.40
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.47	-0.47	—	—	—	-0.47
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.04	-0.04	—	—	—	-0.04
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.34	-0.34	—	—	—	-0.34

Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.03	-0.03	—	—	—	-0.03
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.72	-0.72	—	—	—	-0.72
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.15	-1.15	—	—	—	-1.15
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.78	-0.78	—	—	—	-0.78
Subtotal	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.32	-6.32	—	—	—	-6.32
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-0.93	-0.93	—	—	—	-0.93
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-1.29	-1.29	—	—	—	-1.29
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-0.29	-0.29	—	—	—	-0.29
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-2.03	-2.03	—	—	—	-2.03
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-1.14	-1.14	—	—	—	-1.14
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-1.00	-1.00	—	—	—	-1.00
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-0.69	-0.69	—	—	—	-0.69

Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-0.33	-0.33	—	—	—	-0.33
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-6.78	-6.78	—	—	—	-6.78
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-2.72	-2.72	—	—	—	-2.72
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-1.85	-1.85	—	—	—	-1.85
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-2.26	-2.26	—	—	—	-2.26
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-21.5	-21.5	—	—	—	-21.5
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43

Snowbru ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Europea n Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawber ry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3

Snowbrush	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Snowbrush	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02

Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77

Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.39	-0.39	—	—	—	-0.39
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.40	-1.40	—	—	—	-1.40
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.47	-0.47	—	—	—	-0.47
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.04	-0.04	—	—	—	-0.04
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.34	-0.34	—	—	—	-0.34
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.03	-0.03	—	—	—	-0.03
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.72	-0.72	—	—	—	-0.72
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.15	-1.15	—	—	—	-1.15
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.78	-0.78	—	—	—	-0.78
Subtotal	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.32	-6.32	—	—	—	-6.32
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-0.93	-0.93	—	—	—	-0.93
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-1.29	-1.29	—	—	—	-1.29
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-0.29	-0.29	—	—	—	-0.29
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-2.03	-2.03	—	—	—	-2.03
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-1.14	-1.14	—	—	—	-1.14
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-1.00	-1.00	—	—	—	-1.00
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-0.69	-0.69	—	—	—	-0.69
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-0.33	-0.33	—	—	—	-0.33
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-6.78	-6.78	—	—	—	-6.78
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-2.72	-2.72	—	—	—	-2.72
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-1.85	-1.85	—	—	—	-1.85
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-2.26	-2.26	—	—	—	-2.26
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-21.5	-21.5	—	—	—	-21.5
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building & Demo/Abatement	Demolition	1/1/2026	3/1/2026	5.00	42.0	—
Rough Grading/Site Demo	Grading	3/2/2026	4/16/2026	5.00	34.0	—
Deep Foundations	Building Construction	3/16/2026	9/10/2026	5.00	129	—
Foundations	Building Construction	7/24/2026	11/17/2026	5.00	83.0	—
Superstructure	Building Construction	10/16/2026	10/26/2027	5.00	268	—
Building Enclosure	Building Construction	8/19/2027	3/7/2028	5.00	144	—
Sitework	Paving	2/14/2028	8/28/2028	5.00	141	—
Interior Buildout	Architectural Coating	2/4/2027	4/14/2028	5.00	312	—
Startup/Inspections	Architectural Coating	2/7/2028	10/1/2028	5.00	170	—
Decommissioning	Trenching	1/1/2057	9/7/2057	5.00	180	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building & Demo/Abatement	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building & Demo/Abatement	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building & Demo/Abatement	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38

Building & Demo/Abatement	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Rough Grading/Site Demo	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Rough Grading/Site Demo	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Rough Grading/Site Demo	Excavators	Diesel	Tier 4 Final	4.00	8.00	36.0	0.38
Rough Grading/Site Demo	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Deep Foundations	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Deep Foundations	Pumps	Diesel	Tier 4 Final	3.00	12.0	11.0	0.74
Deep Foundations	Forklifts	Diesel	Tier 4 Final	2.00	12.0	82.0	0.20
Deep Foundations	Bore/Drill Rigs	Diesel	Tier 3	2.00	12.0	83.0	0.50
Foundations	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Foundations	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Foundations	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Superstructure	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Superstructure	Welders	Diesel	Tier 4 Final	8.00	8.00	46.0	0.45
Superstructure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Superstructure	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Superstructure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Building Enclosure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Building Enclosure	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Enclosure	Other Construction Equipment	Diesel	Tier 4 Final	4.00	8.00	82.0	0.42
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	8.00	8.00	46.0	0.31
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Sitework	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74

Sitework	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Sitework	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Electric	Tier 4 Final	20.0	8.00	46.0	0.31
Interior Buildout	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Diesel	Tier 4 Final	2.00	10.0	46.0	0.31
Startup/Inspections	Aerial Lifts	Electric	Tier 4 Final	4.00	8.00	46.0	0.31
Startup/Inspections	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building & Demo/Abatement	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building & Demo/Abatement	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building & Demo/Abatement	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Building & Demo/Abatement	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Rough Grading/Site Demo	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Rough Grading/Site Demo	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Rough Grading/Site Demo	Excavators	Diesel	Tier 4 Final	4.00	8.00	36.0	0.38
Rough Grading/Site Demo	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Deep Foundations	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Deep Foundations	Pumps	Diesel	Tier 4 Final	3.00	12.0	11.0	0.74
Deep Foundations	Forklifts	Diesel	Tier 4 Final	2.00	12.0	82.0	0.20

Deep Foundations	Bore/Drill Rigs	Diesel	Tier 3	2.00	12.0	83.0	0.50
Foundations	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Foundations	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Foundations	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Superstructure	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Superstructure	Welders	Diesel	Tier 4 Final	8.00	8.00	46.0	0.45
Superstructure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Superstructure	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Superstructure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Building Enclosure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Building Enclosure	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Enclosure	Other Construction Equipment	Diesel	Tier 4 Final	4.00	8.00	82.0	0.42
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	8.00	8.00	46.0	0.31
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Sitework	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Sitework	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Sitework	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Electric	Tier 4 Final	20.0	8.00	46.0	0.31
Interior Buildout	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Diesel	Tier 4 Final	2.00	10.0	46.0	0.31
Startup/Inspections	Aerial Lifts	Electric	Tier 4 Final	4.00	8.00	46.0	0.31
Startup/Inspections	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix

Building & Demo/Abatement	—	—	—	—
Building & Demo/Abatement	Worker	17.5	11.7	LDA,LDT1,LDT2
Building & Demo/Abatement	Vendor	0.00	8.40	HHDT,MHDT
Building & Demo/Abatement	Hauling	148	20.0	HHDT
Building & Demo/Abatement	Onsite truck	2.00	10.0	HHDT
Rough Grading/Site Demo	—	—	—	—
Rough Grading/Site Demo	Worker	25.0	11.7	LDA,LDT1,LDT2
Rough Grading/Site Demo	Vendor	0.00	8.40	HHDT,MHDT
Rough Grading/Site Demo	Hauling	230	20.0	HHDT
Rough Grading/Site Demo	Onsite truck	2.00	10.0	HHDT
Deep Foundations	—	—	—	—
Deep Foundations	Worker	476	11.7	LDA,LDT1,LDT2
Deep Foundations	Vendor	31.0	8.40	HHDT,MHDT
Deep Foundations	Hauling	24.0	20.0	HHDT
Deep Foundations	Onsite truck	2.00	10.0	HHDT
Foundations	—	—	—	—
Foundations	Worker	476	11.7	LDA,LDT1,LDT2
Foundations	Vendor	124	8.40	HHDT,MHDT
Foundations	Hauling	0.00	20.0	HHDT
Foundations	Onsite truck	2.00	10.0	HHDT
Superstructure	—	—	—	—
Superstructure	Worker	476	11.7	LDA,LDT1,LDT2
Superstructure	Vendor	46.0	8.40	HHDT,MHDT
Superstructure	Hauling	5.00	20.0	HHDT
Superstructure	Onsite truck	2.00	10.0	HHDT
Building Enclosure	—	—	—	—
Building Enclosure	Worker	476	11.7	LDA,LDT1,LDT2

Building Enclosure	Vendor	0.00	8.40	HHDT,MHDT
Building Enclosure	Hauling	7.00	20.0	HHDT
Building Enclosure	Onsite truck	2.00	10.0	HHDT
Sitework	—	—	—	—
Sitework	Worker	12.5	11.7	LDA,LDT1,LDT2
Sitework	Vendor	8.00	8.40	HHDT,MHDT
Sitework	Hauling	0.00	20.0	HHDT
Sitework	Onsite truck	0.00	10.0	HHDT
Interior Buildout	—	—	—	—
Interior Buildout	Worker	381	11.7	LDA,LDT1,LDT2
Interior Buildout	Vendor	16.0	8.40	HHDT,MHDT
Interior Buildout	Hauling	0.00	20.0	HHDT
Interior Buildout	Onsite truck	0.00	10.0	HHDT
Startup/Inspections	—	—	—	—
Startup/Inspections	Worker	358	11.7	LDA,LDT1,LDT2
Startup/Inspections	Vendor	4.00	8.40	HHDT,MHDT
Startup/Inspections	Hauling	0.00	20.0	HHDT
Startup/Inspections	Onsite truck	0.00	10.0	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building & Demo/Abatement	—	—	—	—
Building & Demo/Abatement	Worker	17.5	11.7	LDA,LDT1,LDT2
Building & Demo/Abatement	Vendor	0.00	8.40	HHDT,MHDT
Building & Demo/Abatement	Hauling	148	20.0	HHDT
Building & Demo/Abatement	Onsite truck	2.00	10.0	HHDT
Rough Grading/Site Demo	—	—	—	—

Rough Grading/Site Demo	Worker	25.0	11.7	LDA,LDT1,LDT2
Rough Grading/Site Demo	Vendor	0.00	8.40	HHDT,MHDT
Rough Grading/Site Demo	Hauling	230	20.0	HHDT
Rough Grading/Site Demo	Onsite truck	2.00	10.0	HHDT
Deep Foundations	—	—	—	—
Deep Foundations	Worker	476	11.7	LDA,LDT1,LDT2
Deep Foundations	Vendor	31.0	8.40	HHDT,MHDT
Deep Foundations	Hauling	24.0	20.0	HHDT
Deep Foundations	Onsite truck	2.00	10.0	HHDT
Foundations	—	—	—	—
Foundations	Worker	476	11.7	LDA,LDT1,LDT2
Foundations	Vendor	124	8.40	HHDT,MHDT
Foundations	Hauling	0.00	20.0	HHDT
Foundations	Onsite truck	2.00	10.0	HHDT
Superstructure	—	—	—	—
Superstructure	Worker	476	11.7	LDA,LDT1,LDT2
Superstructure	Vendor	46.0	8.40	HHDT,MHDT
Superstructure	Hauling	5.00	20.0	HHDT
Superstructure	Onsite truck	2.00	10.0	HHDT
Building Enclosure	—	—	—	—
Building Enclosure	Worker	476	11.7	LDA,LDT1,LDT2
Building Enclosure	Vendor	0.00	8.40	HHDT,MHDT
Building Enclosure	Hauling	7.00	20.0	HHDT
Building Enclosure	Onsite truck	2.00	10.0	HHDT
Sitework	—	—	—	—
Sitework	Worker	12.5	11.7	LDA,LDT1,LDT2
Sitework	Vendor	8.00	8.40	HHDT,MHDT

Sitework	Hauling	0.00	20.0	HHDT
Sitework	Onsite truck	0.00	10.0	HHDT
Interior Buildout	—	—	—	—
Interior Buildout	Worker	381	11.7	LDA,LDT1,LDT2
Interior Buildout	Vendor	16.0	8.40	HHDT,MHDT
Interior Buildout	Hauling	0.00	20.0	HHDT
Interior Buildout	Onsite truck	0.00	10.0	HHDT
Startup/Inspections	—	—	—	—
Startup/Inspections	Worker	358	11.7	LDA,LDT1,LDT2
Startup/Inspections	Vendor	4.00	8.40	HHDT,MHDT
Startup/Inspections	Hauling	0.00	20.0	HHDT
Startup/Inspections	Onsite truck	0.00	10.0	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Interior Buildout	0.00	0.00	867,661	286,288	18,540

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Rough Grading/Site Demo	850,000	0.00	68.0	243,322	—

Sitework	0.00	0.00	35.3	0.00	70.5

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Research & Development	0.00	0%
High Turnover (Sit Down Restaurant)	0.00	0%
General Office Building	0.00	0%
Enclosed Parking with Elevator	70.5	100%
Parking Lot	0.00	0%
Health Club	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	2,392,000	100.0	0.03	< 0.005
2027	2,392,000	100.0	0.03	< 0.005
2028	2,392,000	100.0	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Research & Development	4,889	0.00	0.00	1,274,513	71,373	0.00	0.00	18,607,897

High Turnover (Sit Down Restaurant)	113	0.00	0.00	29,388	1,646	0.00	0.00	429,066
General Office Building	101	0.00	0.00	26,295	1,472	0.00	0.00	383,901
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	119	0.00	0.00	30,935	1,732	0.00	0.00	451,648

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Research & Development	4,889	0.00	0.00	1,274,513	71,373	0.00	0.00	18,607,897
High Turnover (Sit Down Restaurant)	113	0.00	0.00	29,388	1,646	0.00	0.00	429,066
General Office Building	101	0.00	0.00	26,295	1,472	0.00	0.00	383,901
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	119	0.00	0.00	30,935	1,732	0.00	0.00	451,648

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,340,387	442,265	28,640

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Research & Development	28,474,357	0.00	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	656,569	0.00	0.0000	0.0000	0.00
General Office Building	587,456	0.00	0.0000	0.0000	0.00
Enclosed Parking with Elevator	1,672,344	0.00	0.0000	0.0000	0.00
Parking Lot	21,292	0.00	0.0000	0.0000	0.00
Health Club	691,125	0.00	0.0000	0.0000	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Research & Development	28,474,357	0.00	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	656,569	0.00	0.0000	0.0000	0.00
General Office Building	587,456	0.00	0.0000	0.0000	0.00
Enclosed Parking with Elevator	1,672,344	0.00	0.0000	0.0000	0.00
Parking Lot	21,292	0.00	0.0000	0.0000	0.00
Health Club	691,125	0.00	0.0000	0.0000	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Research & Development	4,604,307	944,097
High Turnover (Sit Down Restaurant)	106,167	21,769
General Office Building	94,992	19,478
Enclosed Parking with Elevator	0.00	0.00
Parking Lot	0.00	0.00
Health Club	111,755	22,915

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Research & Development	4,604,307	944,097
High Turnover (Sit Down Restaurant)	106,167	21,769
General Office Building	94,992	19,478

Enclosed Parking with Elevator	0.00	0.00
Parking Lot	0.00	0.00
Health Club	111,755	22,915

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Research & Development	651	—
High Turnover (Sit Down Restaurant)	16.9	—
General Office Building	15.1	—
Enclosed Parking with Elevator	0.00	—
Parking Lot	0.00	—
Health Club	15.2	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Research & Development	651	—
High Turnover (Sit Down Restaurant)	16.9	—
General Office Building	15.1	—
Enclosed Parking with Elevator	0.00	—
Parking Lot	0.00	—
Health Club	15.2	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Research & Development	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Research & Development	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Research & Development	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Research & Development	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.15.2. Mitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	12.0	0.50	150	671	0.73

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
Vine Maple	25.0	34,890	113
Big Leaf Maple	10.0	15,189	49.0
Cyprus Strawberry	8.50	15,729	77.8

Strawberry Tree	42.0	77,721	385
Snowbrush ceanothus	27.0	13,666	58.8
Ca redbud	28.5	42,277	137
Monterey Cyprus	4.00	3,547	12.8
Strawberry Tree	14.5	26,832	133
Ca Sycamore	12.5	13,499	43.4
Ca Laurel	1.00	2,094	10.5
European Olive	7.00	15,413	77.1
Ca Sycamore	16.0	17,279	55.5
Fremont Cottonwood	41.5	64,563	209
Ca Live Oak	49.5	87,068	422
Red Willow	17.0	22,636	73.0
Coast Redwood	27.0	57,793	291

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
Vine Maple	25.0	34,890	113
Big Leaf Maple	10.0	15,189	49.0
Cyprus Strawberry	8.50	15,729	77.8
Strawberry Tree	42.0	77,721	385
Snowbrush ceanothus	27.0	13,666	58.8
Ca redbud	28.5	42,277	137
Monterey Cyprus	4.00	3,547	12.8
Strawberry Tree	14.5	26,832	133
Ca Sycamore	12.5	13,499	43.4
Ca Laurel	1.00	2,094	10.5
European Olive	7.00	15,413	77.1

Ca Sycamore	16.0	17,279	55.5
Fremont Cottonwood	41.5	64,563	209
Ca Live Oak	49.5	87,068	422
Red Willow	17.0	22,636	73.0
Coast Redwood	27.0	57,793	291

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	5.92	annual days of extreme heat
Extreme Precipitation	9.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	17.7	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	3	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	7.52
AQ-PM	32.9
AQ-DPM	94.6
Drinking Water	54.0
Lead Risk Housing	79.7
Pesticides	0.00
Toxic Releases	37.7
Traffic	80.8
Effect Indicators	—
CleanUp Sites	98.9
Groundwater	99.7
Haz Waste Facilities/Generators	99.9
Impaired Water Bodies	87.0
Solid Waste	97.2
Sensitive Population	—
Asthma	68.9
Cardio-vascular	48.4
Low Birth Weights	53.2
Socioeconomic Factor Indicators	—
Education	60.6
Housing	43.3

Linguistic	57.8
Poverty	54.4
Unemployment	64.5

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	65.03272167
Employed	87.75824458
Median HI	74.04080585
Education	—
Bachelor's or higher	46.97805723
High school enrollment	100
Preschool enrollment	45.37405364
Transportation	—
Auto Access	59.70742974
Active commuting	58.00076992
Social	—
2-parent households	88.6179905
Voting	71.10227127
Neighborhood	—
Alcohol availability	29.00038496
Park access	52.72680611
Retail density	91.04324394
Supermarket access	82.92056974
Tree canopy	62.40215578

Housing	—
Homeownership	71.67971256
Housing habitability	43.62889773
Low-inc homeowner severe housing cost burden	60.7596561
Low-inc renter severe housing cost burden	17.45155909
Uncrowded housing	55.74233286
Health Outcomes	—
Insured adults	81.30373412
Arthritis	0.0
Asthma ER Admissions	27.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	20.5
Cognitively Disabled	68.5
Physically Disabled	47.8
Heart Attack ER Admissions	48.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	93.9
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—

Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	55.0
Children	61.0
Elderly	24.3
English Speaking	24.7
Foreign-born	88.7
Outdoor Workers	57.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	16.5
Traffic Density	73.3
Traffic Access	71.5
Other Indices	—
Hardship	46.7
Other Decision Support	—
2016 Voting	55.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	83.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Peninsula Clean Energy would be energy provider. Building would be all electric.
Construction: Construction Phases	Applicant provided info.
Construction: Off-Road Equipment	Applicant provided info.
Construction: Off-Road Equipment EF	EF for Pumps <25 HP were entered manually as well as electric equipment.
Construction: Dust From Material Movement	Applicant provided info.
Construction: Demolition	Applicant provided info - existing square footage of all buildings.
Construction: Trips and VMT	Worker trips = default; 2 "buggies" for all phases except last three operating less than 10 miles a day.
Construction: On-Road Fugitive Dust	2023 BAAQMD guidance - change silt load to 0.5
Construction: Architectural Coatings	Arch coating phase will most likely occur during interior buildout.
Construction: Paving	Applicant provided info.
Construction: Electricity	Applicant provided info.
Operations: Energy Use	Applicant provided info.
Operations: Water and Waste Water	Applicant provided info.
Operations: Solid Waste	Applicant provided info.
Operations: Generators + Pumps EF	Generators will be Tier 2. Used BAAQMD 2023 Guidance, which says default factors are Tier 2 values.

Operations: Emergency Generators and Fire Pumps	Applicant provided info.
Operations: Vehicle Data	Applicant provided information.

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Air Quality Modeling Files and Calculations

Terminal 131 - Existing Uses Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Terminal 131 - Existing Uses
Operational Year	2023
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	Terminal Ct, South San Francisco, CA 94080, USA
County	San Mateo
City	South San Francisco
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1292
EDFZ	1
Electric Utility	Peninsula Clean Energy
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.14

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	127	1000sqft	0.00	0.00	0.00	—	—	—

Parking Lot	117	1000sqft	2.68	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.24	2.07	1.68	19.0	0.05	0.03	4.47	4.50	0.03	1.13	1.16	141	5,026	5,167	14.4	0.31	20.3	5,639
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.22	2.04	1.99	18.5	0.05	0.03	4.47	4.50	0.03	1.13	1.16	141	4,798	4,939	14.4	0.33	0.53	5,398
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.98	1.82	1.70	16.2	0.04	0.03	4.06	4.08	0.02	1.03	1.05	141	4,369	4,510	14.4	0.30	7.97	4,968
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.36	0.33	0.31	2.95	0.01	< 0.005	0.74	0.75	< 0.005	0.19	0.19	23.3	723	747	2.39	0.05	1.32	822

2.5. Operations Emissions by Sector, Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.24	2.06	1.68	19.0	0.05	0.03	4.47	4.50	0.03	1.13	1.16	—	5,026	5,026	0.19	0.17	20.3	5,102
Area	0.00	0.02	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	56.2	0.00	56.2	5.76	0.14	—	241
Waste	—	—	—	—	—	—	—	—	—	—	—	84.7	0.00	84.7	8.47	0.00	—	296
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	2.24	2.07	1.68	19.0	0.05	0.03	4.47	4.50	0.03	1.13	1.16	141	5,026	5,167	14.4	0.31	20.3	5,639
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.22	2.02	1.99	18.5	0.05	0.03	4.47	4.50	0.03	1.13	1.16	—	4,798	4,798	0.21	0.19	0.53	4,860
Area	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	56.2	0.00	56.2	5.76	0.14	—	241
Waste	—	—	—	—	—	—	—	—	—	—	—	84.7	0.00	84.7	8.47	0.00	—	296
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	2.22	2.04	1.99	18.5	0.05	0.03	4.47	4.50	0.03	1.13	1.16	141	4,798	4,939	14.4	0.33	0.53	5,398
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.98	1.80	1.70	16.2	0.04	0.03	4.06	4.08	0.02	1.03	1.05	—	4,369	4,369	0.18	0.17	7.97	4,431
Area	0.00	0.02	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	56.2	0.00	56.2	5.76	0.14	—	241
Waste	—	—	—	—	—	—	—	—	—	—	—	84.7	0.00	84.7	8.47	0.00	—	296
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	1.98	1.82	1.70	16.2	0.04	0.03	4.06	4.08	0.02	1.03	1.05	141	4,369	4,510	14.4	0.30	7.97	4,968

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.36	0.33	0.31	2.95	0.01	< 0.005	0.74	0.75	< 0.005	0.19	0.19	—	723	723	0.03	0.03	1.32	734
Area	0.00	< 0.005	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.30	0.00	9.30	0.95	0.02	—	39.9
Waste	—	—	—	—	—	—	—	—	—	—	—	14.0	0.00	14.0	1.40	0.00	—	49.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	0.36	0.33	0.31	2.95	0.01	< 0.005	0.74	0.75	< 0.005	0.19	0.19	23.3	723	747	2.39	0.05	1.32	822

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	2.24	2.06	1.68	19.0	0.05	0.03	4.47	4.50	0.03	1.13	1.16	—	5,026	5,026	0.19	0.17	20.3	5,102
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.24	2.06	1.68	19.0	0.05	0.03	4.47	4.50	0.03	1.13	1.16	—	5,026	5,026	0.19	0.17	20.3	5,102
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	2.22	2.02	1.99	18.5	0.05	0.03	4.47	4.50	0.03	1.13	1.16	—	4,798	4,798	0.21	0.19	0.53	4,860
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.22	2.02	1.99	18.5	0.05	0.03	4.47	4.50	0.03	1.13	1.16	—	4,798	4,798	0.21	0.19	0.53	4,860
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.36	0.33	0.31	2.95	0.01	< 0.005	0.74	0.75	< 0.005	0.19	0.19	—	723	723	0.03	0.03	1.32	734
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.36	0.33	0.31	2.95	0.01	< 0.005	0.74	0.75	< 0.005	0.19	0.19	—	723	723	0.03	0.03	1.32	734

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

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

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.2. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.02	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	< 0.005	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	56.2	0.00	56.2	5.76	0.14	—	241
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	56.2	0.00	56.2	5.76	0.14	—	241
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	56.2	0.00	56.2	5.76	0.14	—	241
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	56.2	0.00	56.2	5.76	0.14	—	241
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	9.30	0.00	9.30	0.95	0.02	—	39.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	9.30	0.00	9.30	0.95	0.02	—	39.9

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	84.7	0.00	84.7	8.47	0.00	—	296
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	84.7	0.00	84.7	8.47	0.00	—	296

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	84.7	0.00	84.7	8.47	0.00	—	296
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	84.7	0.00	84.7	8.47	0.00	—	296
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	14.0	0.00	14.0	1.40	0.00	—	49.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	14.0	0.00	14.0	1.40	0.00	—	49.1

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	629	252	634	210,104	6,299	2,527	6,350	2,105,132
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	0.00	0.00	6,994

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	0.00	0.00	0.0000	0.0000	0.00
Parking Lot	102,117	0.00	0.0000	0.0000	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	29,310,938	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	157	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	5.92	annual days of extreme heat
Extreme Precipitation	9.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	17.7	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	3	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	7.52
AQ-PM	32.9
AQ-DPM	94.6
Drinking Water	54.0
Lead Risk Housing	79.7
Pesticides	0.00
Toxic Releases	37.7
Traffic	80.8
Effect Indicators	—
CleanUp Sites	98.9
Groundwater	99.7
Haz Waste Facilities/Generators	99.9

Impaired Water Bodies	87.0
Solid Waste	97.2
Sensitive Population	—
Asthma	68.9
Cardio-vascular	48.4
Low Birth Weights	53.2
Socioeconomic Factor Indicators	—
Education	60.6
Housing	43.3
Linguistic	57.8
Poverty	54.4
Unemployment	64.5

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	65.03272167
Employed	87.75824458
Median HI	74.04080585
Education	—
Bachelor's or higher	46.97805723
High school enrollment	100
Preschool enrollment	45.37405364
Transportation	—
Auto Access	59.70742974
Active commuting	58.00076992

Social	—
2-parent households	88.6179905
Voting	71.10227127
Neighborhood	—
Alcohol availability	29.00038496
Park access	52.72680611
Retail density	91.04324394
Supermarket access	82.92056974
Tree canopy	62.40215578
Housing	—
Homeownership	71.67971256
Housing habitability	43.62889773
Low-inc homeowner severe housing cost burden	60.7596561
Low-inc renter severe housing cost burden	17.45155909
Uncrowded housing	55.74233286
Health Outcomes	—
Insured adults	81.30373412
Arthritis	0.0
Asthma ER Admissions	27.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	20.5
Cognitively Disabled	68.5

Physically Disabled	47.8
Heart Attack ER Admissions	48.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	93.9
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	55.0
Children	61.0
Elderly	24.3
English Speaking	24.7
Foreign-born	88.7
Outdoor Workers	57.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	16.5
Traffic Density	73.3
Traffic Access	71.5
Other Indices	—
Hardship	46.7
Other Decision Support	—

2016 Voting	55.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	83.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Peninsula Clean Energy powers San Mateo County

I131 North - Construction & Operation - 2/7/2024 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	I131 North - Construction & Operation - 2/7/2024
Construction Start Date	11/1/2028
Operational Year	2032
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	131 Terminal Ct, South San Francisco, CA 94080, USA
County	San Mateo
City	South San Francisco
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1292
EDFZ	1
Electric Utility	Peninsula Clean Energy
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Research & Development	808	1000sqft	18.5	808,000	65,634	0.00	—	—
General Office Building	4.00	1000sqft	0.09	4,000	325	0.00	—	—
Enclosed Parking with Elevator	552	1000sqft	12.7	551,631	0.00	0.00	—	—
Parking Lot	52.0	Space	0.47	0.00	0.00	0.00	—	—
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.18	8,000	650	0.00	—	—
Day-Care Center	4.05	1000sqft	0.09	4,050	328	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads
Area Sources	AS-1	Use Low-VOC Cleaning Supplies
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment
Area Sources	AS-2	Use Low-VOC Paints

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.88	22.5	20.6	82.7	0.10	0.36	109	109	0.34	18.2	18.4	—	21,370	21,370	1.11	1.02	27.0	21,590
Mit.	3.88	22.5	20.6	82.7	0.10	0.36	61.4	61.5	0.34	13.5	13.6	—	21,370	21,370	1.11	1.02	27.0	21,590
% Reduced	—	—	—	—	—	—	44%	44%	—	26%	26%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.21	22.5	44.2	80.4	0.20	0.60	98.9	99.5	0.58	15.7	16.0	—	35,409	35,409	4.32	3.47	1.17	36,551
Mit.	5.21	22.5	44.2	80.4	0.20	0.60	51.2	51.3	0.58	11.8	11.9	—	35,409	35,409	4.32	3.47	1.17	36,551
% Reduced	—	—	—	—	—	—	48%	48%	—	25%	26%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.89	13.6	11.1	37.1	0.05	0.13	44.5	44.6	0.13	8.11	8.18	—	10,443	10,443	0.64	0.42	5.43	10,548
Mit.	1.89	13.6	11.1	37.1	0.05	0.13	28.7	28.8	0.13	6.53	6.61	—	10,443	10,443	0.64	0.42	5.43	10,548
% Reduced	—	—	—	—	—	—	35%	35%	—	19%	19%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.34	2.48	2.03	6.77	0.01	0.02	8.12	8.14	0.02	1.48	1.49	—	1,729	1,729	0.11	0.07	0.90	1,746
Mit.	0.34	2.48	2.03	6.77	0.01	0.02	5.25	5.26	0.02	1.19	1.21	—	1,729	1,729	0.11	0.07	0.90	1,746
% Reduced	—	—	—	—	—	—	35%	35%	—	19%	19%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	3.33	20.6	20.6	65.9	0.10	0.36	98.4	98.8	0.34	15.7	16.0	—	19,518	19,518	1.11	1.02	27.0	19,826
2030	3.88	22.5	19.1	82.7	0.10	0.17	109	109	0.17	18.2	18.4	—	21,370	21,370	0.84	0.59	24.1	21,590
2031	0.95	2.20	3.27	20.1	0.02	0.04	14.0	14.1	0.04	3.46	3.50	—	6,873	6,873	0.66	0.16	5.54	6,942
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	5.21	2.44	44.2	80.4	0.20	0.60	98.9	99.5	0.58	15.4	15.9	—	35,409	35,409	4.32	3.47	1.17	36,551
2029	3.34	20.6	20.4	56.7	0.09	0.36	98.4	98.8	0.34	15.7	16.0	—	18,376	18,376	1.13	1.03	0.70	18,710
2030	3.20	22.5	16.8	61.4	0.07	0.11	74.9	75.0	0.11	14.2	14.3	—	16,478	16,478	0.67	0.44	0.54	16,609
2031	0.95	2.20	3.43	19.4	0.02	0.04	14.0	14.1	0.04	3.46	3.50	—	6,710	6,710	0.67	0.17	0.14	6,777
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.47	0.22	3.97	7.22	0.02	0.05	8.25	8.30	0.05	1.30	1.35	—	3,550	3,550	0.50	0.33	1.76	3,664
2029	1.68	5.38	11.1	32.1	0.05	0.13	42.7	42.8	0.13	7.13	7.26	—	9,695	9,695	0.64	0.42	5.43	9,841
2030	1.89	13.6	8.59	37.1	0.04	0.07	44.5	44.6	0.07	8.11	8.18	—	10,443	10,443	0.56	0.29	5.24	10,548
2031	0.21	0.45	0.66	4.06	< 0.005	0.01	3.21	3.22	0.01	0.79	0.80	—	1,783	1,783	0.25	0.05	0.55	1,804
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.09	0.04	0.73	1.32	< 0.005	0.01	1.51	1.52	0.01	0.24	0.25	—	588	588	0.08	0.05	0.29	607
2029	0.31	0.98	2.03	5.86	0.01	0.02	7.79	7.82	0.02	1.30	1.32	—	1,605	1,605	0.11	0.07	0.90	1,629
2030	0.34	2.48	1.57	6.77	0.01	0.01	8.12	8.14	0.01	1.48	1.49	—	1,729	1,729	0.09	0.05	0.87	1,746
2031	0.04	0.08	0.12	0.74	< 0.005	< 0.005	0.59	0.59	< 0.005	0.14	0.15	—	295	295	0.04	0.01	0.09	299

2.3. Construction Emissions by Year, Mitigated

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	3.33	20.6	20.6	65.9	0.10	0.36	50.9	51.3	0.34	10.9	11.3	—	19,518	19,518	1.11	1.02	27.0	19,826
2030	3.88	22.5	19.1	82.7	0.10	0.17	61.4	61.5	0.17	13.5	13.6	—	21,370	21,370	0.84	0.59	24.1	21,590
2031	0.95	2.20	3.27	20.1	0.02	0.04	14.0	14.1	0.04	3.46	3.50	—	6,873	6,873	0.66	0.16	5.54	6,942
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	5.21	2.44	44.2	80.4	0.20	0.60	47.7	48.3	0.58	10.1	10.7	—	35,409	35,409	4.32	3.47	1.17	36,551
2029	3.34	20.6	20.4	56.7	0.09	0.36	50.9	51.3	0.34	10.9	11.3	—	18,376	18,376	1.13	1.03	0.70	18,710
2030	3.20	22.5	16.8	61.4	0.07	0.11	51.2	51.3	0.11	11.8	11.9	—	16,478	16,478	0.67	0.44	0.54	16,609
2031	0.95	2.20	3.43	19.4	0.02	0.04	14.0	14.1	0.04	3.46	3.50	—	6,710	6,710	0.67	0.17	0.14	6,777
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.47	0.22	3.97	7.22	0.02	0.05	4.09	4.14	0.05	0.88	0.93	—	3,550	3,550	0.50	0.33	1.76	3,664
2029	1.68	5.38	11.1	32.1	0.05	0.13	24.0	24.1	0.13	5.26	5.39	—	9,695	9,695	0.64	0.42	5.43	9,841
2030	1.89	13.6	8.59	37.1	0.04	0.07	28.7	28.8	0.07	6.53	6.61	—	10,443	10,443	0.56	0.29	5.24	10,548
2031	0.21	0.45	0.66	4.06	< 0.005	0.01	3.21	3.22	0.01	0.79	0.80	—	1,783	1,783	0.25	0.05	0.55	1,804
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.09	0.04	0.73	1.32	< 0.005	0.01	0.75	0.76	0.01	0.16	0.17	—	588	588	0.08	0.05	0.29	607
2029	0.31	0.98	2.03	5.86	0.01	0.02	4.37	4.40	0.02	0.96	0.98	—	1,605	1,605	0.11	0.07	0.90	1,629
2030	0.34	2.48	1.57	6.77	0.01	0.01	5.25	5.26	0.01	1.19	1.21	—	1,729	1,729	0.09	0.05	0.87	1,746
2031	0.04	0.08	0.12	0.74	< 0.005	< 0.005	0.59	0.59	< 0.005	0.14	0.15	—	295	295	0.04	0.01	0.09	299

2.4. Operations Emissions Compared Against Thresholds

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.8	49.0	28.5	225	0.50	1.25	50.2	51.5	1.23	12.7	14.0	361	52,644	53,005	37.6	1.42	103	54,469
Mit.	21.2	36.5	28.0	166	0.50	1.14	50.2	51.4	1.15	12.7	13.9	361	52,398	52,759	37.6	1.42	103	54,223
% Reduced	33%	25%	2%	27%	1%	9%	—	< 0.5%	7%	—	1%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	21.0	39.0	29.7	155	0.47	1.14	50.2	51.4	1.15	12.7	13.9	361	50,232	50,593	37.6	1.55	35.0	52,031
Mit.	21.0	36.3	29.7	155	0.47	1.14	50.2	51.4	1.15	12.7	13.9	361	50,232	50,593	37.6	1.55	35.0	52,031
% Reduced	—	7%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	20.9	39.0	23.0	140	0.34	0.96	35.0	36.0	0.96	8.87	9.83	361	36,402	36,763	37.2	1.08	54.7	38,070
Mit.	15.7	31.5	22.7	111	0.34	0.91	35.0	35.9	0.92	8.87	9.79	361	36,280	36,642	37.2	1.08	54.7	37,948
% Reduced	25%	19%	1%	21%	1%	5%	—	< 0.5%	4%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.82	7.12	4.20	25.6	0.06	0.18	6.39	6.56	0.18	1.62	1.79	59.8	6,027	6,087	6.16	0.18	9.05	6,303
Mit.	2.86	5.76	4.15	20.2	0.06	0.17	6.39	6.55	0.17	1.62	1.79	59.8	6,007	6,066	6.16	0.18	9.05	6,283
% Reduced	25%	19%	1%	21%	1%	5%	—	< 0.5%	4%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.9	12.5	9.58	149	0.48	0.20	50.3	50.5	0.18	12.7	12.9	—	49,189	49,189	1.30	1.37	69.7	49,698
Area	10.7	29.9	0.50	59.8	< 0.005	0.11	—	0.11	0.08	—	0.08	—	246	246	0.01	< 0.005	—	247
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	31.8	49.0	28.5	225	0.50	1.25	50.2	51.5	1.23	12.7	14.0	361	52,644	53,005	37.6	1.42	103	54,469
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.7	12.3	11.3	138	0.46	0.20	50.3	50.5	0.18	12.7	12.9	—	47,023	47,023	1.38	1.50	1.81	47,507
Area	—	20.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	21.0	39.0	29.7	155	0.47	1.14	50.2	51.4	1.15	12.7	13.9	361	50,232	50,593	37.6	1.55	35.0	52,031
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.70	8.66	7.64	96.8	0.33	0.14	35.0	35.2	0.13	8.88	9.01	—	33,673	33,673	0.96	1.04	21.5	34,028

Area	5.25	25.0	0.25	29.5	< 0.005	0.05	—	0.05	0.04	—	0.04	—	121	121	0.01	< 0.005	—	122
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	5.96	5.43	15.2	13.8	0.03	0.80	0.00	0.80	0.80	0.00	0.80	0.00	2,776	2,776	0.11	0.02	0.00	2,785
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	20.9	39.0	23.0	140	0.34	0.96	35.0	36.0	0.96	8.87	9.83	361	36,402	36,763	37.2	1.08	54.7	38,070
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.77	1.58	1.39	17.7	0.06	0.03	6.39	6.42	0.02	1.62	1.64	—	5,575	5,575	0.16	0.17	3.56	5,634
Area	0.96	4.56	0.05	5.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	20.1	20.1	< 0.005	< 0.005	—	20.2
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27
Waste	—	—	—	—	—	—	—	—	—	—	—	58.3	0.00	58.3	5.83	0.00	—	204
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.49	5.49
Stationary	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Vegetation	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9
Total	3.82	7.12	4.20	25.6	0.06	0.18	6.39	6.56	0.18	1.62	1.79	59.8	6,027	6,087	6.16	0.18	9.05	6,303

2.6. Operations Emissions by Sector, Mitigated

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

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

Mobile	13.9	12.5	9.58	149	0.48	0.20	50.3	50.5	0.18	12.7	12.9	—	49,189	49,189	1.30	1.37	69.7	49,698
Area	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	21.2	36.5	28.0	166	0.50	1.14	50.2	51.4	1.15	12.7	13.9	361	52,398	52,759	37.6	1.42	103	54,223
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.7	12.3	11.3	138	0.46	0.20	50.3	50.5	0.18	12.7	12.9	—	47,023	47,023	1.38	1.50	1.81	47,507
Area	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	21.0	36.3	29.7	155	0.47	1.14	50.2	51.4	1.15	12.7	13.9	361	50,232	50,593	37.6	1.55	35.0	52,031
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.70	8.66	7.64	96.8	0.33	0.14	35.0	35.2	0.13	8.88	9.01	—	33,673	33,673	0.96	1.04	21.5	34,028
Area	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Water	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Waste	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Stationary	5.96	5.43	15.2	13.8	0.03	0.80	0.00	0.80	0.80	0.00	0.80	0.00	2,776	2,776	0.11	0.02	0.00	2,785
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	15.7	31.5	22.7	111	0.34	0.91	35.0	35.9	0.92	8.87	9.79	361	36,280	36,642	37.2	1.08	54.7	37,948
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.77	1.58	1.39	17.7	0.06	0.03	6.39	6.42	0.02	1.62	1.64	—	5,575	5,575	0.16	0.17	3.56	5,634
Area	—	3.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27
Waste	—	—	—	—	—	—	—	—	—	—	—	58.3	0.00	58.3	5.83	0.00	—	204
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.49	5.49
Stationary	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Vegetation	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9
Total	2.86	5.76	4.15	20.2	0.06	0.17	6.39	6.55	0.17	1.62	1.79	59.8	6,007	6,066	6.16	0.18	9.05	6,283

3. Construction Emissions Details

3.1. Rough Grading/Site Demo (2028) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,238	5,238	0.21	0.04	—	5,256
Dust From Material Movement	—	—	—	—	—	—	5.03	5.03	—	0.67	0.67	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.46	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	488	488	0.02	< 0.005	—	490
Dust From Material Movement	—	—	—	—	—	—	0.47	0.47	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	2.46	2.46	< 0.005	0.25	0.25	—	6.93	6.93	< 0.005	< 0.005	0.01	7.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.8	80.8	< 0.005	< 0.005	—	81.1
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.45	0.45	< 0.005	0.04	0.04	—	1.15	1.15	< 0.005	< 0.005	< 0.005	1.21
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.05	0.59	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	184	184	< 0.005	< 0.005	0.01	184
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.80	0.43	25.7	18.4	0.11	0.21	14.8	15.0	0.21	3.80	4.01	—	17,187	17,187	2.37	2.77	0.78	18,072
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.2	17.2	< 0.005	< 0.005	0.02	17.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.26	0.04	2.36	1.72	0.01	0.02	1.34	1.36	0.02	0.35	0.36	—	1,601	1,601	0.22	0.26	1.20	1,685
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.43	0.31	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.07	—	265	265	0.04	0.04	0.20	279

3.2. Rough Grading/Site Demo (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,238	5,238	0.21	0.04	—	5,256

Dust From Material Movemen	—	—	—	—	—	—	1.31	1.31	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.46	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	488	488	0.02	< 0.005	—	490
Dust From Material Movemen	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.48	0.48	< 0.005	0.05	0.05	—	6.93	6.93	< 0.005	< 0.005	0.01	7.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.8	80.8	< 0.005	< 0.005	—	81.1
Dust From Material Movemen	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.09	0.09	< 0.005	0.01	0.01	—	1.15	1.15	< 0.005	< 0.005	< 0.005	1.21
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.05	0.59	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	184	184	< 0.005	< 0.005	0.01	184
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.80	0.43	25.7	18.4	0.11	0.21	14.8	15.0	0.21	3.80	4.01	—	17,187	17,187	2.37	2.77	0.78	18,072

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.2	17.2	< 0.005	< 0.005	0.02	17.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.26	0.04	2.36	1.72	0.01	0.02	1.34	1.36	0.02	0.35	0.36	—	1,601	1,601	0.22	0.26	1.20	1,685
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.43	0.31	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.07	—	265	265	0.04	0.04	0.20	279

3.3. Deep Foundations (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,555	2,555	0.10	0.02	—	2,564
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.72	1.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	220	220	0.01	< 0.005	—	221
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	2.27	2.27	< 0.005	0.23	0.23	—	6.41	6.41	< 0.005	< 0.005	< 0.005	6.74
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.13	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.4	36.4	< 0.005	< 0.005	—	36.5
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.41	0.41	< 0.005	0.04	0.04	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.03	1.00	0.91	11.7	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,651	3,651	0.07	0.03	0.24	3,663
Vendor	0.12	0.03	1.30	0.84	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	968	968	0.09	0.14	0.05	1,012
Hauling	0.30	0.05	2.73	1.95	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,821	1,821	0.25	0.29	0.08	1,914
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.97	0.00	0.00	1.42	1.42	0.00	0.35	0.35	—	315	315	0.01	< 0.005	0.34	317
Vendor	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	83.4	83.4	0.01	0.01	0.07	87.2
Hauling	0.03	< 0.005	0.23	0.17	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.04	—	157	157	0.02	0.03	0.12	165
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	52.2	52.2	< 0.005	< 0.005	0.06	52.4
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.01	14.4
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	26.0	26.0	< 0.005	< 0.005	0.02	27.3

3.4. Deep Foundations (2028) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,555	2,555	0.10	0.02	—	2,564
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.72	1.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	220	220	0.01	< 0.005	—	221
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.44	0.44	< 0.005	0.04	0.04	—	6.41	6.41	< 0.005	< 0.005	< 0.005	6.74
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.4	36.4	< 0.005	< 0.005	—	36.5
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.08	0.08	< 0.005	0.01	0.01	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.03	1.00	0.91	11.7	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,651	3,651	0.07	0.03	0.24	3,663
Vendor	0.12	0.03	1.30	0.84	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	968	968	0.09	0.14	0.05	1,012
Hauling	0.30	0.05	2.73	1.95	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,821	1,821	0.25	0.29	0.08	1,914
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.09	0.08	0.07	0.97	0.00	0.00	1.42	1.42	0.00	0.35	0.35	—	315	315	0.01	< 0.005	0.34	317
Vendor	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	83.4	83.4	0.01	0.01	0.07	87.2
Hauling	0.03	< 0.005	0.23	0.17	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.04	—	157	157	0.02	0.03	0.12	165
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	52.2	52.2	< 0.005	< 0.005	0.06	52.4
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.01	14.4
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	26.0	26.0	< 0.005	< 0.005	0.02	27.3

3.5. Deep Foundations (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,554	2,554	0.10	0.02	—	2,563
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,554	2,554	0.10	0.02	—	2,563
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.23	4.84	0.01	0.07	—	0.07	0.07	—	0.07	—	685	685	0.03	0.01	—	687

Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	7.08	7.08	< 0.005	0.71	0.71	—	19.4	19.4	< 0.005	< 0.005	0.01	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.41	0.88	< 0.005	0.01	—	0.01	0.01	—	0.01	—	113	113	< 0.005	< 0.005	—	114
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	1.29	1.29	< 0.005	0.13	0.13	—	3.21	3.21	< 0.005	< 0.005	< 0.005	3.37
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.12	0.03	1.17	0.80	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	940	940	0.08	0.13	1.75	983
Hauling	0.29	0.04	2.47	1.89	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,766	1,766	0.24	0.28	2.92	1,859
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605
Vendor	0.12	0.03	1.23	0.81	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	940	940	0.08	0.13	0.05	982
Hauling	0.27	0.03	2.59	1.90	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,766	1,766	0.24	0.28	0.08	1,856
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.25	0.20	2.86	0.00	0.00	4.42	4.42	0.00	1.09	1.09	—	966	966	0.02	0.01	0.93	970
Vendor	0.03	0.01	0.32	0.22	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	252	252	0.02	0.04	0.20	263
Hauling	0.07	0.01	0.68	0.51	< 0.005	0.01	0.41	0.42	0.01	0.11	0.11	—	474	474	0.06	0.08	0.34	498
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.52	0.00	0.00	0.81	0.81	0.00	0.20	0.20	—	160	160	< 0.005	< 0.005	0.15	161
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	41.7	41.7	< 0.005	0.01	0.03	43.6
Hauling	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	78.4	78.4	0.01	0.01	0.06	82.5

3.6. Deep Foundations (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,554	2,554	0.10	0.02	—	2,563
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.30	18.0	0.03	0.27	—	0.27	0.25	—	0.25	—	2,554	2,554	0.10	0.02	—	2,563
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.23	4.84	0.01	0.07	—	0.07	0.07	—	0.07	—	685	685	0.03	0.01	—	687
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	1.37	1.37	< 0.005	0.14	0.14	—	19.4	19.4	< 0.005	< 0.005	0.01	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.41	0.88	< 0.005	0.01	—	0.01	0.01	—	0.01	—	113	113	< 0.005	< 0.005	—	114
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.25	0.25	< 0.005	0.03	0.03	—	3.21	3.21	< 0.005	< 0.005	< 0.005	3.37
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.12	0.03	1.17	0.80	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	940	940	0.08	0.13	1.75	983
Hauling	0.29	0.04	2.47	1.89	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,766	1,766	0.24	0.28	2.92	1,859
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605
Vendor	0.12	0.03	1.23	0.81	0.01	0.01	0.93	0.93	0.01	0.24	0.24	—	940	940	0.08	0.13	0.05	982
Hauling	0.27	0.03	2.59	1.90	0.01	0.02	1.57	1.59	0.02	0.40	0.42	—	1,766	1,766	0.24	0.28	0.08	1,856
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.25	0.20	2.86	0.00	0.00	4.42	4.42	0.00	1.09	1.09	—	966	966	0.02	0.01	0.93	970
Vendor	0.03	0.01	0.32	0.22	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	252	252	0.02	0.04	0.20	263
Hauling	0.07	0.01	0.68	0.51	< 0.005	0.01	0.41	0.42	0.01	0.11	0.11	—	474	474	0.06	0.08	0.34	498
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.52	0.00	0.00	0.81	0.81	0.00	0.20	0.20	—	160	160	< 0.005	< 0.005	0.15	161
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	41.7	41.7	< 0.005	0.01	0.03	43.6
Hauling	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	78.4	78.4	0.01	0.01	0.06	82.5

3.7. Foundations (2029) - Unmitigated

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

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

Off-Road Equipment	0.20	0.20	2.28	11.0	0.02	0.04	—	0.04	0.04	—	0.04	—	1,925	1,925	0.08	0.02	—	1,932
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	2.28	11.0	0.02	0.04	—	0.04	0.04	—	0.04	—	1,925	1,925	0.08	0.02	—	1,932
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.52	2.50	< 0.005	0.01	—	0.01	0.01	—	0.01	—	438	438	0.02	< 0.005	—	439
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	6.00	6.00	< 0.005	0.60	0.60	—	16.4	16.4	< 0.005	< 0.005	0.01	17.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.5	72.5	< 0.005	< 0.005	—	72.7
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.10	1.10	< 0.005	0.11	0.11	—	2.72	2.72	< 0.005	< 0.005	< 0.005	2.86
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.40	0.09	4.06	2.77	0.02	0.02	3.22	3.24	0.02	0.82	0.84	—	3,263	3,263	0.28	0.46	6.09	3,413
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605

Vendor	0.40	0.09	4.26	2.83	0.02	0.02	3.22	3.24	0.02	0.82	0.84	—	3,264	3,264	0.28	0.46	0.16	3,408
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.21	0.17	2.42	0.00	0.00	3.75	3.75	0.00	0.92	0.92	—	820	820	0.01	0.01	0.79	823
Vendor	0.09	0.02	0.95	0.64	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	742	742	0.06	0.10	0.60	775
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.44	0.00	0.00	0.68	0.68	0.00	0.17	0.17	—	136	136	< 0.005	< 0.005	0.13	136
Vendor	0.02	< 0.005	0.17	0.12	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	123	123	0.01	0.02	0.10	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Foundations (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	2.28	11.0	0.02	0.04	—	0.04	0.04	—	0.04	—	1,925	1,925	0.08	0.02	—	1,932
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	2.28	11.0	0.02	0.04	—	0.04	0.04	—	0.04	—	1,925	1,925	0.08	0.02	—	1,932
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	< 0.005	75.9

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.52	2.50	< 0.005	0.01	—	0.01	0.01	—	0.01	—	438	438	0.02	< 0.005	—	439
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	1.16	1.16	< 0.005	0.12	0.12	—	16.4	16.4	< 0.005	< 0.005	0.01	17.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.5	72.5	< 0.005	< 0.005	—	72.7
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.21	0.21	< 0.005	0.02	0.02	—	2.72	2.72	< 0.005	< 0.005	< 0.005	2.86
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.40	0.09	4.06	2.77	0.02	0.02	3.22	3.24	0.02	0.82	0.84	—	3,263	3,263	0.28	0.46	6.09	3,413
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605
Vendor	0.40	0.09	4.26	2.83	0.02	0.02	3.22	3.24	0.02	0.82	0.84	—	3,264	3,264	0.28	0.46	0.16	3,408
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.21	0.17	2.42	0.00	0.00	3.75	3.75	0.00	0.92	0.92	—	820	820	0.01	0.01	0.79	823
Vendor	0.09	0.02	0.95	0.64	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	742	742	0.06	0.10	0.60	775
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.44	0.00	0.00	0.68	0.68	0.00	0.17	0.17	—	136	136	< 0.005	< 0.005	0.13	136

Vendor	0.02	< 0.005	0.17	0.12	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	123	123	0.01	0.02	0.10	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Superstructure (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.21	4.12	10.3	0.02	0.03	—	0.03	0.03	—	0.03	—	1,668	1,668	0.07	0.01	—	1,674
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	10.2	10.2	< 0.005	1.02	1.02	—	27.8	27.8	< 0.005	< 0.005	0.02	29.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.75	1.87	< 0.005	0.01	—	0.01	0.01	—	0.01	—	276	276	0.01	< 0.005	—	277
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	—	4.61	4.61	< 0.005	< 0.005	< 0.005	4.85

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.16	0.04	1.62	1.11	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,305	1,305	0.11	0.18	2.44	1,365
Hauling	0.06	0.01	0.49	0.38	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	353	353	0.05	0.06	0.58	372
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605
Vendor	0.16	0.04	1.70	1.13	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,305	1,305	0.11	0.18	0.06	1,363
Hauling	0.05	0.01	0.52	0.38	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	353	353	0.05	0.06	0.02	371
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.37	0.36	0.29	4.11	0.00	0.00	6.35	6.35	0.00	1.56	1.56	—	1,390	1,390	0.03	0.01	1.33	1,395
Vendor	0.06	0.01	0.65	0.43	< 0.005	< 0.005	0.48	0.49	< 0.005	0.12	0.13	—	503	503	0.04	0.07	0.41	526
Hauling	0.02	< 0.005	0.20	0.15	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	136	136	0.02	0.02	0.10	143
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.75	0.00	0.00	1.16	1.16	0.00	0.29	0.29	—	230	230	< 0.005	< 0.005	0.22	231
Vendor	0.01	< 0.005	0.12	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	83.3	83.3	0.01	0.01	0.07	87.1
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	22.5	22.5	< 0.005	< 0.005	0.02	23.7

3.10. Superstructure (2029) - Mitigated

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

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

Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	0.12	76.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	72.2	72.2	0.01	0.01	< 0.005	75.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.21	4.12	10.3	0.02	0.03	—	0.03	0.03	—	0.03	—	1,668	1,668	0.07	0.01	—	1,674
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	1.97	1.97	< 0.005	0.20	0.20	—	27.8	27.8	< 0.005	< 0.005	0.02	29.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.75	1.87	< 0.005	0.01	—	0.01	0.01	—	0.01	—	276	276	0.01	< 0.005	—	277
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	—	4.61	4.61	< 0.005	< 0.005	< 0.005	4.85
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.95	0.60	11.9	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,801	3,801	0.05	0.03	8.00	3,820
Vendor	0.16	0.04	1.62	1.11	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,305	1,305	0.11	0.18	2.44	1,365
Hauling	0.06	0.01	0.49	0.38	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	353	353	0.05	0.06	0.58	372
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.95	0.78	11.0	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,593	3,593	0.07	0.03	0.21	3,605

Vendor	0.16	0.04	1.70	1.13	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,305	1,305	0.11	0.18	0.06	1,363
Hauling	0.05	0.01	0.52	0.38	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	353	353	0.05	0.06	0.02	371
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.37	0.36	0.29	4.11	0.00	0.00	6.35	6.35	0.00	1.56	1.56	—	1,390	1,390	0.03	0.01	1.33	1,395
Vendor	0.06	0.01	0.65	0.43	< 0.005	< 0.005	0.48	0.49	< 0.005	0.12	0.13	—	503	503	0.04	0.07	0.41	526
Hauling	0.02	< 0.005	0.20	0.15	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	136	136	0.02	0.02	0.10	143
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.75	0.00	0.00	1.16	1.16	0.00	0.29	0.29	—	230	230	< 0.005	< 0.005	0.22	231
Vendor	0.01	< 0.005	0.12	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	83.3	83.3	0.01	0.01	0.07	87.1
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	22.5	22.5	< 0.005	< 0.005	0.02	23.7

3.11. Superstructure (2030) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	69.9	69.9	0.01	0.01	0.11	73.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	69.9	69.9	0.01	0.01	< 0.005	73.5

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	3.70	9.22	0.02	0.03	—	0.03	0.03	—	0.03	—	1,499	1,499	0.06	0.01	—	1,504
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	9.14	9.14	< 0.005	0.91	0.91	—	24.2	24.2	< 0.005	< 0.005	0.02	25.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.67	1.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	248	248	0.01	< 0.005	—	249
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	1.67	1.67	< 0.005	0.17	0.17	—	4.01	4.01	< 0.005	< 0.005	< 0.005	4.22
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.59	11.3	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,745	3,745	0.04	0.03	6.94	3,763
Vendor	0.15	0.04	1.53	1.08	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,262	1,262	0.11	0.18	2.17	1,321
Hauling	0.05	0.01	0.47	0.37	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	342	342	0.04	0.05	0.53	360
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.76	10.4	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,540	3,540	0.07	0.03	0.18	3,551
Vendor	0.15	0.04	1.61	1.09	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,262	1,262	0.11	0.18	0.06	1,320
Hauling	0.05	0.01	0.49	0.37	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	342	342	0.04	0.05	0.01	359
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.31	0.26	3.50	0.00	0.00	5.71	5.71	0.00	1.40	1.40	—	1,230	1,230	0.02	0.01	1.04	1,235
Vendor	0.05	0.01	0.55	0.37	< 0.005	< 0.005	0.43	0.44	< 0.005	0.11	0.11	—	437	437	0.04	0.06	0.33	457
Hauling	0.02	< 0.005	0.17	0.13	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	118	118	0.02	0.02	0.08	124
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.64	0.00	0.00	1.04	1.04	0.00	0.26	0.26	—	204	204	< 0.005	< 0.005	0.17	204

Vendor	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	72.4	72.4	0.01	0.01	0.05	75.7
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	19.6	19.6	< 0.005	< 0.005	0.01	20.6

3.12. Superstructure (2030) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	69.9	69.9	0.01	0.01	0.11	73.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.54	10.7	26.6	0.05	0.08	—	0.08	0.08	—	0.08	—	4,328	4,328	0.18	0.04	—	4,343
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	69.9	69.9	0.01	0.01	< 0.005	73.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	3.70	9.22	0.02	0.03	—	0.03	0.03	—	0.03	—	1,499	1,499	0.06	0.01	—	1,504
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	1.77	1.77	< 0.005	0.18	0.18	—	24.2	24.2	< 0.005	< 0.005	0.02	25.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.67	1.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	248	248	0.01	< 0.005	—	249
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.32	0.32	< 0.005	0.03	0.03	—	4.01	4.01	< 0.005	< 0.005	< 0.005	4.22

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.59	11.3	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,745	3,745	0.04	0.03	6.94	3,763
Vendor	0.15	0.04	1.53	1.08	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,262	1,262	0.11	0.18	2.17	1,321
Hauling	0.05	0.01	0.47	0.37	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	342	342	0.04	0.05	0.53	360
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.76	10.4	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,540	3,540	0.07	0.03	0.18	3,551
Vendor	0.15	0.04	1.61	1.09	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,262	1,262	0.11	0.18	0.06	1,320
Hauling	0.05	0.01	0.49	0.37	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	342	342	0.04	0.05	0.01	359
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.31	0.26	3.50	0.00	0.00	5.71	5.71	0.00	1.40	1.40	—	1,230	1,230	0.02	0.01	1.04	1,235
Vendor	0.05	0.01	0.55	0.37	< 0.005	< 0.005	0.43	0.44	< 0.005	0.11	0.11	—	437	437	0.04	0.06	0.33	457
Hauling	0.02	< 0.005	0.17	0.13	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	118	118	0.02	0.02	0.08	124
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.64	0.00	0.00	1.04	1.04	0.00	0.26	0.26	—	204	204	< 0.005	< 0.005	0.17	204
Vendor	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	72.4	72.4	0.01	0.01	0.05	75.7
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	19.6	19.6	< 0.005	< 0.005	0.01	20.6

3.13. Building Enclosure (2030) - Unmitigated

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

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

Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	69.9	69.9	0.01	0.01	0.11	73.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	69.9	69.9	0.01	0.01	< 0.005	73.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	0.52	6.53	0.01	0.02	—	0.02	0.02	—	0.02	—	1,046	1,046	0.04	0.01	—	1,050
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	10.4	10.4	< 0.005	1.04	1.04	—	27.6	27.6	< 0.005	< 0.005	0.02	29.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	173	173	0.01	< 0.005	—	174
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	1.90	1.90	< 0.005	0.19	0.19	—	4.57	4.57	< 0.005	< 0.005	< 0.005	4.80
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.59	11.3	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,745	3,745	0.04	0.03	6.94	3,763
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.75	0.59	< 0.005	0.01	0.50	0.51	0.01	0.13	0.14	—	547	547	0.07	0.09	0.85	575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.76	10.4	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,540	3,540	0.07	0.03	0.18	3,551

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.78	0.59	< 0.005	0.01	0.50	0.51	0.01	0.13	0.14	—	547	547	0.07	0.09	0.02	575
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.37	0.36	0.29	3.99	0.00	0.00	6.50	6.50	0.00	1.60	1.60	—	1,401	1,401	0.02	0.01	1.19	1,406
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.30	0.23	< 0.005	< 0.005	0.19	0.20	< 0.005	0.05	0.05	—	216	216	0.03	0.03	0.14	227
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.73	0.00	0.00	1.19	1.19	0.00	0.29	0.29	—	232	232	< 0.005	< 0.005	0.20	233
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	35.7	35.7	< 0.005	0.01	0.02	37.5

3.14. Building Enclosure (2030) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	69.9	69.9	0.01	0.01	0.11	73.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	69.9	69.9	0.01	0.01	< 0.005	73.5

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	0.52	6.53	0.01	0.02	—	0.02	0.02	—	0.02	—	1,046	1,046	0.04	0.01	—	1,050
Onsite truck	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	2.02	2.02	< 0.005	0.20	0.20	—	27.6	27.6	< 0.005	< 0.005	0.02	29.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	173	173	0.01	< 0.005	—	174
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	4.57	4.57	< 0.005	< 0.005	< 0.005	4.80
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.59	11.3	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,745	3,745	0.04	0.03	6.94	3,763
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.75	0.59	< 0.005	0.01	0.50	0.51	0.01	0.13	0.14	—	547	547	0.07	0.09	0.85	575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.92	0.76	10.4	0.00	0.00	16.9	16.9	0.00	4.16	4.16	—	3,540	3,540	0.07	0.03	0.18	3,551
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.78	0.59	< 0.005	0.01	0.50	0.51	0.01	0.13	0.14	—	547	547	0.07	0.09	0.02	575
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.37	0.36	0.29	3.99	0.00	0.00	6.50	6.50	0.00	1.60	1.60	—	1,401	1,401	0.02	0.01	1.19	1,406
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.30	0.23	< 0.005	< 0.005	0.19	0.20	< 0.005	0.05	0.05	—	216	216	0.03	0.03	0.14	227
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.73	0.00	0.00	1.19	1.19	0.00	0.29	0.29	—	232	232	< 0.005	< 0.005	0.20	233

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	35.7	35.7	< 0.005	0.01	0.02	37.5

3.15. Sitework (2030) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.04	0.44	1.93	< 0.005	0.01	—	0.01	0.01	—	0.01	—	346	346	0.01	< 0.005	—	347
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.3	57.3	< 0.005	< 0.005	—	57.5
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.28	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	94.3	94.3	< 0.005	< 0.005	0.17	94.7
Vendor	0.04	0.01	0.37	0.26	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	303	303	0.03	0.04	0.52	317
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	89.1	89.1	< 0.005	< 0.005	< 0.005	89.4
Vendor	0.04	0.01	0.39	0.26	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	303	303	0.03	0.04	0.01	317
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.8	17.8	< 0.005	< 0.005	0.02	17.9
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	60.4	60.4	0.01	0.01	0.04	63.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	2.95	2.95	< 0.005	< 0.005	< 0.005	2.97
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.0	10.0	< 0.005	< 0.005	0.01	10.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Sitework (2030) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740

Dust From Material Movemen	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.44	1.93	< 0.005	0.01	—	0.01	0.01	—	0.01	—	346	346	0.01	< 0.005	—	347
Dust From Material Movemen	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.3	57.3	< 0.005	< 0.005	—	57.5
Dust From Material Movemen	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.28	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	94.3	94.3	< 0.005	< 0.005	0.17	94.7
Vendor	0.04	0.01	0.37	0.26	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	303	303	0.03	0.04	0.52	317

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	89.1	89.1	< 0.005	< 0.005	< 0.005	89.4
Vendor	0.04	0.01	0.39	0.26	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	303	303	0.03	0.04	0.01	317
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.8	17.8	< 0.005	< 0.005	0.02	17.9
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	60.4	60.4	0.01	0.01	0.04	63.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	2.95	2.95	< 0.005	< 0.005	< 0.005	2.97
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.0	10.0	< 0.005	< 0.005	0.01	10.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Sitework (2031) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movemen	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.41	1.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	329	329	0.01	< 0.005	—	330
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.5	54.5	< 0.005	< 0.005	—	54.7
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.28	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	93.2	93.2	< 0.005	< 0.005	0.15	93.5
Vendor	0.03	0.01	0.35	0.25	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	292	292	0.02	0.04	0.46	305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	88.1	88.1	< 0.005	< 0.005	< 0.005	88.4
Vendor	0.03	0.01	0.36	0.25	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	292	292	0.02	0.04	0.01	305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	16.8	16.8	< 0.005	< 0.005	0.01	16.8
Vendor	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	55.4	55.4	< 0.005	0.01	0.04	57.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.78	2.78	< 0.005	< 0.005	< 0.005	2.79
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.17	9.17	< 0.005	< 0.005	0.01	9.59
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Sitework (2031) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	2.18	9.65	0.02	0.03	—	0.03	0.03	—	0.03	—	1,735	1,735	0.07	0.01	—	1,740
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.41	1.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	329	329	0.01	< 0.005	—	330
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.5	54.5	< 0.005	< 0.005	—	54.7
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.28	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	93.2	93.2	< 0.005	< 0.005	0.15	93.5
Vendor	0.03	0.01	0.35	0.25	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	292	292	0.02	0.04	0.46	305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	88.1	88.1	< 0.005	< 0.005	< 0.005	88.4
Vendor	0.03	0.01	0.36	0.25	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	292	292	0.02	0.04	0.01	305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	16.8	16.8	< 0.005	< 0.005	0.01	16.8
Vendor	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	55.4	55.4	< 0.005	0.01	0.04	57.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.78	2.78	< 0.005	< 0.005	< 0.005	2.79
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.17	9.17	< 0.005	< 0.005	0.01	9.59

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Interior Buildout (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.42	1.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	163	163	0.01	< 0.005	—	164
Architectural Coatings	—	3.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.0	27.0	< 0.005	< 0.005	—	27.1
Architectural Coatings	—	0.72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.78	0.76	0.48	9.55	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	3,041	3,041	0.04	0.03	6.40	3,056
Vendor	0.06	0.01	0.65	0.44	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	522	522	0.04	0.07	0.97	546
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.76	0.62	8.78	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,874	2,874	0.05	0.03	0.17	2,884
Vendor	0.06	0.01	0.68	0.45	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	522	522	0.04	0.07	0.03	545
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.13	1.85	0.00	0.00	2.86	2.86	0.00	0.70	0.70	—	626	626	0.01	0.01	0.60	629
Vendor	0.01	< 0.005	0.15	0.10	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	113	113	0.01	0.02	0.09	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.52	0.52	0.00	0.13	0.13	—	104	104	< 0.005	< 0.005	0.10	104
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	18.8	18.8	< 0.005	< 0.005	0.02	19.6

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Interior Buildout (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.42	1.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	163	163	0.01	< 0.005	—	164
Architectural Coatings	—	3.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.0	27.0	< 0.005	< 0.005	—	27.1
Architectural Coatings	—	0.72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.78	0.76	0.48	9.55	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	3,041	3,041	0.04	0.03	6.40	3,056
Vendor	0.06	0.01	0.65	0.44	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	522	522	0.04	0.07	0.97	546
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.76	0.62	8.78	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,874	2,874	0.05	0.03	0.17	2,884
Vendor	0.06	0.01	0.68	0.45	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	522	522	0.04	0.07	0.03	545
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.13	1.85	0.00	0.00	2.86	2.86	0.00	0.70	0.70	—	626	626	0.01	0.01	0.60	629
Vendor	0.01	< 0.005	0.15	0.10	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	113	113	0.01	0.02	0.09	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.52	0.52	0.00	0.13	0.13	—	104	104	< 0.005	< 0.005	0.10	104
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	18.8	18.8	< 0.005	< 0.005	0.02	19.6

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Interior Buildout (2030) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.22	3.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	477	477	0.02	< 0.005	—	479
Architectural Coatings	—	11.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.22	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.0	79.0	< 0.005	< 0.005	—	79.3
Architectural Coatings	—	2.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.75	0.73	0.47	9.04	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,996	2,996	0.04	0.03	5.55	3,010
Vendor	0.06	0.01	0.61	0.43	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	505	505	0.04	0.07	0.87	529
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.75	0.73	0.61	8.32	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,832	2,832	0.05	0.03	0.14	2,841
Vendor	0.06	0.01	0.64	0.44	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	505	505	0.04	0.07	0.02	528
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.46	0.38	5.15	0.00	0.00	8.38	8.38	0.00	2.06	2.06	—	1,807	1,807	0.03	0.02	1.53	1,814
Vendor	0.04	0.01	0.40	0.28	< 0.005	< 0.005	0.32	0.32	< 0.005	0.08	0.08	—	321	321	0.03	0.05	0.24	336
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.94	0.00	0.00	1.53	1.53	0.00	0.38	0.38	—	299	299	< 0.005	< 0.005	0.25	300
Vendor	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	53.1	53.1	< 0.005	0.01	0.04	55.6

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Interior Buildout (2030) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	18.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.22	3.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	477	477	0.02	< 0.005	—	479
Architectural Coatings	—	11.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.22	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.0	79.0	< 0.005	< 0.005	—	79.3
Architectural Coatings	—	2.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.75	0.73	0.47	9.04	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,996	2,996	0.04	0.03	5.55	3,010
Vendor	0.06	0.01	0.61	0.43	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	505	505	0.04	0.07	0.87	529
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.75	0.73	0.61	8.32	0.00	0.00	13.5	13.5	0.00	3.33	3.33	—	2,832	2,832	0.05	0.03	0.14	2,841
Vendor	0.06	0.01	0.64	0.44	< 0.005	< 0.005	0.51	0.52	< 0.005	0.13	0.14	—	505	505	0.04	0.07	0.02	528
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.46	0.38	5.15	0.00	0.00	8.38	8.38	0.00	2.06	2.06	—	1,807	1,807	0.03	0.02	1.53	1,814
Vendor	0.04	0.01	0.40	0.28	< 0.005	< 0.005	0.32	0.32	< 0.005	0.08	0.08	—	321	321	0.03	0.05	0.24	336
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.94	0.00	0.00	1.53	1.53	0.00	0.38	0.38	—	299	299	< 0.005	< 0.005	0.25	300
Vendor	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	53.1	53.1	< 0.005	0.01	0.04	55.6

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Startup/Inspections (2030) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.6	46.6	< 0.005	< 0.005	—	46.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.72	7.72	< 0.005	< 0.005	—	7.74
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.71	0.46	8.80	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,914	2,914	0.03	0.03	5.40	2,928
Vendor	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	151	151	0.01	0.02	0.26	159
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.71	0.59	8.10	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,755	2,755	0.05	0.03	0.14	2,764
Vendor	0.02	< 0.005	0.19	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	151	151	0.01	0.02	0.01	158
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.14	1.93	0.00	0.00	3.14	3.14	0.00	0.77	0.77	—	676	676	0.01	0.01	0.57	679
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	37.0	37.0	< 0.005	0.01	0.03	38.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.57	0.57	0.00	0.14	0.14	—	112	112	< 0.005	< 0.005	0.09	112
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	6.13	6.13	< 0.005	< 0.005	< 0.005	6.42
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Startup/Inspections (2030) - Mitigated

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

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

Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.6	46.6	< 0.005	< 0.005	—	46.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.72	7.72	< 0.005	< 0.005	—	7.74
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.71	0.46	8.80	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,914	2,914	0.03	0.03	5.40	2,928
Vendor	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	151	151	0.01	0.02	0.26	159
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.71	0.59	8.10	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,755	2,755	0.05	0.03	0.14	2,764

Vendor	0.02	< 0.005	0.19	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	151	151	0.01	0.02	0.01	158
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.14	1.93	0.00	0.00	3.14	3.14	0.00	0.77	0.77	—	676	676	0.01	0.01	0.57	679
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	37.0	37.0	< 0.005	0.01	0.03	38.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.57	0.57	0.00	0.14	0.14	—	112	112	< 0.005	< 0.005	0.09	112
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	6.13	6.13	< 0.005	< 0.005	< 0.005	6.42
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Startup/Inspections (2031) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.1	45.1	< 0.005	< 0.005	—	45.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.47	7.47	< 0.005	< 0.005	—	7.50
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.68	0.45	8.51	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,881	2,881	0.03	0.02	4.69	2,892
Vendor	0.02	< 0.005	0.17	0.12	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	146	146	0.01	0.02	0.23	153
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.68	0.59	7.77	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,724	2,724	0.04	0.03	0.12	2,733
Vendor	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	146	146	0.01	0.02	0.01	152
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.11	1.79	0.00	0.00	3.04	3.04	0.00	0.75	0.75	—	647	647	0.01	0.01	0.48	650
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	34.5	34.5	< 0.005	< 0.005	0.02	36.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.33	0.00	0.00	0.55	0.55	0.00	0.14	0.14	—	107	107	< 0.005	< 0.005	0.08	108

Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	5.72	5.72	< 0.005	< 0.005	< 0.005	5.98
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.26. Startup/Inspections (2031) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.1	45.1	< 0.005	< 0.005	—	45.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.47	7.47	< 0.005	< 0.005	—	7.50
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.68	0.45	8.51	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,881	2,881	0.03	0.02	4.69	2,892
Vendor	0.02	< 0.005	0.17	0.12	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	146	146	0.01	0.02	0.23	153
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.68	0.59	7.77	0.00	0.00	13.2	13.2	0.00	3.24	3.24	—	2,724	2,724	0.04	0.03	0.12	2,733
Vendor	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	146	146	0.01	0.02	0.01	152
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.11	1.79	0.00	0.00	3.04	3.04	0.00	0.75	0.75	—	647	647	0.01	0.01	0.48	650
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	34.5	34.5	< 0.005	< 0.005	0.02	36.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.33	0.00	0.00	0.55	0.55	0.00	0.14	0.14	—	107	107	< 0.005	< 0.005	0.08	108
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	5.72	5.72	< 0.005	< 0.005	< 0.005	5.98
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	13.6	12.2	9.40	146	0.47	0.19	49.3	49.5	0.18	12.5	12.7	—	48,231	48,231	1.27	1.34	68.4	48,730
General Office Building	0.07	0.06	0.05	0.72	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	239	239	0.01	0.01	0.34	241
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.14	0.12	0.09	1.44	< 0.005	< 0.005	0.49	0.49	< 0.005	0.12	0.13	—	478	478	0.01	0.01	0.68	482
Day-Care Center	0.07	0.06	0.05	0.73	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	242	242	0.01	0.01	0.34	244
Total	13.9	12.5	9.58	149	0.48	0.20	50.3	50.5	0.18	12.7	12.9	—	49,189	49,189	1.30	1.37	69.7	49,698
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	13.5	12.0	11.1	136	0.45	0.19	49.3	49.5	0.18	12.5	12.7	—	46,107	46,107	1.35	1.47	1.77	46,582
General Office Building	0.07	0.06	0.06	0.67	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	228	228	0.01	0.01	0.01	231

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.13	0.12	0.11	1.34	< 0.005	< 0.005	0.49	0.49	< 0.005	0.12	0.13	—	457	457	0.01	0.01	0.02	461
Day-Care Center	0.07	0.06	0.06	0.68	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	231	231	0.01	0.01	0.01	233
Total	13.7	12.3	11.3	138	0.46	0.20	50.3	50.5	0.18	12.7	12.9	—	47,023	47,023	1.38	1.50	1.81	47,507
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	1.74	1.55	1.37	17.3	0.06	0.03	6.27	6.29	0.02	1.59	1.61	—	5,466	5,466	0.16	0.17	3.49	5,524
General Office Building	0.01	0.01	0.01	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	27.1	27.1	< 0.005	< 0.005	0.02	27.3
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.02	0.02	0.01	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	54.1	54.1	< 0.005	< 0.005	0.03	54.7
Day-Care Center	0.01	0.01	0.01	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	27.4	27.4	< 0.005	< 0.005	0.02	27.7
Total	1.77	1.58	1.39	17.7	0.06	0.03	6.39	6.42	0.02	1.62	1.64	—	5,575	5,575	0.16	0.17	3.56	5,634

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	13.6	12.2	9.40	146	0.47	0.19	49.3	49.5	0.18	12.5	12.7	—	48,231	48,231	1.27	1.34	68.4	48,730
General Office Building	0.07	0.06	0.05	0.72	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	239	239	0.01	0.01	0.34	241
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.14	0.12	0.09	1.44	< 0.005	< 0.005	0.49	0.49	< 0.005	0.12	0.13	—	478	478	0.01	0.01	0.68	482
Day-Care Center	0.07	0.06	0.05	0.73	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	242	242	0.01	0.01	0.34	244
Total	13.9	12.5	9.58	149	0.48	0.20	50.3	50.5	0.18	12.7	12.9	—	49,189	49,189	1.30	1.37	69.7	49,698
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	13.5	12.0	11.1	136	0.45	0.19	49.3	49.5	0.18	12.5	12.7	—	46,107	46,107	1.35	1.47	1.77	46,582

General Office Building	0.07	0.06	0.06	0.67	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	228	228	0.01	0.01	0.01	231
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.13	0.12	0.11	1.34	< 0.005	< 0.005	0.49	0.49	< 0.005	0.12	0.13	—	457	457	0.01	0.01	0.02	461
Day-Care Center	0.07	0.06	0.06	0.68	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	231	231	0.01	0.01	0.01	233
Total	13.7	12.3	11.3	138	0.46	0.20	50.3	50.5	0.18	12.7	12.9	—	47,023	47,023	1.38	1.50	1.81	47,507
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	1.74	1.55	1.37	17.3	0.06	0.03	6.27	6.29	0.02	1.59	1.61	—	5,466	5,466	0.16	0.17	3.49	5,524
General Office Building	0.01	0.01	0.01	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	27.1	27.1	< 0.005	< 0.005	0.02	27.3
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.02	0.02	0.01	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	54.1	54.1	< 0.005	< 0.005	0.03	54.7

Day-Care	0.01	0.01	0.01	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	27.4	27.4	< 0.005	< 0.005	0.02	27.7
Total	1.77	1.58	1.39	17.7	0.06	0.03	6.39	6.42	0.02	1.62	1.64	—	5,575	5,575	0.16	0.17	3.56	5,634

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Day-Car Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Car e Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

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

Consum Products	—	17.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	2.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	10.7	9.83	0.50	59.8	< 0.005	0.11	—	0.11	0.08	—	0.08	—	246	246	0.01	< 0.005	—	247
Total	10.7	29.9	0.50	59.8	< 0.005	0.11	—	0.11	0.08	—	0.08	—	246	246	0.01	< 0.005	—	247
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	17.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	2.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	20.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	3.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.96	0.89	0.05	5.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	20.1	20.1	< 0.005	< 0.005	—	20.2
Total	0.96	4.56	0.05	5.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	20.1	20.1	< 0.005	< 0.005	—	20.2

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	16.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	16.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	3.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.65	0.00	8.65	0.89	0.02	—	37.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.18
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.09	0.00	0.09	0.01	< 0.005	—	0.37
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.19
Total	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.65	0.00	8.65	0.89	0.02	—	37.1

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.18
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.09	0.00	0.09	0.01	< 0.005	—	0.37
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.19
Total	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	1.43	0.00	1.43	0.15	< 0.005	—	6.14
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.03
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.06

Day-Care	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.65	0.00	8.65	0.89	0.02	—	37.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.18
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.09	0.00	0.09	0.01	< 0.005	—	0.37
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.19
Total	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.65	0.00	8.65	0.89	0.02	—	37.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.18
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.09	0.00	0.09	0.01	< 0.005	—	0.37
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.19
Total	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	1.43	0.00	1.43	0.15	< 0.005	—	6.14
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.03
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.06
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	< 0.005	—	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	348	0.00	348	34.8	0.00	—	1,219
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.03	0.00	1.03	0.10	0.00	—	3.62
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.24

Day-Car Center	—	—	—	—	—	—	—	—	—	—	—	0.89	0.00	0.89	0.09	0.00	—	3.13
Total	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	—	—	—	—	—	—	—	—	—	—	—	348	0.00	348	34.8	0.00	—	1,219
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.03	0.00	1.03	0.10	0.00	—	3.62
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.24
Day-Car e Center	—	—	—	—	—	—	—	—	—	—	—	0.89	0.00	0.89	0.09	0.00	—	3.13
Total	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	—	—	—	—	—	—	—	—	—	—	—	57.7	0.00	57.7	5.76	0.00	—	202
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.60

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.34	0.00	0.34	0.03	0.00	—	1.20
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.15	0.00	0.15	0.01	0.00	—	0.52
Total	—	—	—	—	—	—	—	—	—	—	—	58.3	0.00	58.3	5.83	0.00	—	204

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	348	0.00	348	34.8	0.00	—	1,219
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.03	0.00	1.03	0.10	0.00	—	3.62
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.24
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.89	0.00	0.89	0.09	0.00	—	3.13
Total	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	348	0.00	348	34.8	0.00	—	1,219
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.03	0.00	1.03	0.10	0.00	—	3.62
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.24
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.89	0.00	0.89	0.09	0.00	—	3.13
Total	—	—	—	—	—	—	—	—	—	—	—	352	0.00	352	35.2	0.00	—	1,233
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	—	—	—	—	—	—	—	—	—	—	—	57.7	0.00	57.7	5.76	0.00	—	202
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.60
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.34	0.00	0.34	0.03	0.00	—	1.20
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.15	0.00	0.15	0.01	0.00	—	0.52
Total	—	—	—	—	—	—	—	—	—	—	—	58.3	0.00	58.3	5.83	0.00	—	204

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.6	20.6

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	12.5
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.6	20.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	12.5
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.42	3.42

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.07	2.07
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.49	5.49

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.6	20.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	12.5
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.6	20.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	12.5
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.42	3.42
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.07	2.07
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.49	5.49

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Total	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461

4.8.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Total	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25

Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78

European	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03

CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3

Snowbrush Ceanoth	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.39	-0.39	—	—	—	-0.39
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.40	-1.40	—	—	—	-1.40
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.47	-0.47	—	—	—	-0.47
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.04	-0.04	—	—	—	-0.04
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.34	-0.34	—	—	—	-0.34
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.03	-0.03	—	—	—	-0.03
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.72	-0.72	—	—	—	-0.72
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.15	-1.15	—	—	—	-1.15
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.78	-0.78	—	—	—	-0.78
Subtotal	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.32	-6.32	—	—	—	-6.32

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-0.93	-0.93	—	—	—	-0.93
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-1.29	-1.29	—	—	—	-1.29
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-0.29	-0.29	—	—	—	-0.29
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-2.03	-2.03	—	—	—	-2.03
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-1.14	-1.14	—	—	—	-1.14
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-1.00	-1.00	—	—	—	-1.00
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-0.69	-0.69	—	—	—	-0.69
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-0.33	-0.33	—	—	—	-0.33
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-6.78	-6.78	—	—	—	-6.78
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-2.72	-2.72	—	—	—	-2.72
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-1.85	-1.85	—	—	—	-1.85
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-2.26	-2.26	—	—	—	-2.26

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-21.5	-21.5	—	—	—	-21.5
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Coast Redwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06

CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76

CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27

Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77

Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coastal Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.39	-0.39	—	—	—	-0.39
Bigleaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.40	-1.40	—	—	—	-1.40
Snowbrush Ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
CA Redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.47	-0.47	—	—	—	-0.47
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.04	-0.04	—	—	—	-0.04
CA Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.34	-0.34	—	—	—	-0.34
CA Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.03	-0.03	—	—	—	-0.03
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Freemont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.72	-0.72	—	—	—	-0.72
Coastal Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.15	-1.15	—	—	—	-1.15
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25

Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.78	-0.78	—	—	—	-0.78
Subtotal	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.32	-6.32	—	—	—	-6.32
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-0.93	-0.93	—	—	—	-0.93
Bigleaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-1.29	-1.29	—	—	—	-1.29
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-0.29	-0.29	—	—	—	-0.29
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-2.03	-2.03	—	—	—	-2.03
Snowbrush Ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-1.14	-1.14	—	—	—	-1.14
CA Redbud	—	—	—	—	—	—	—	—	—	—	—	—	-1.00	-1.00	—	—	—	-1.00
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
CA Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-0.69	-0.69	—	—	—	-0.69
CA Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-0.33	-0.33	—	—	—	-0.33
Freemont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-6.78	-6.78	—	—	—	-6.78
Coastal Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-2.72	-2.72	—	—	—	-2.72

Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-1.85	-1.85	—	—	—	-1.85
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-2.26	-2.26	—	—	—	-2.26
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-21.5	-21.5	—	—	—	-21.5
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Bigleaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush Ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
CA Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Freemont Cottonwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Coastal Live Oak	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Rough Grading/Site Demo	Grading	11/1/2028	12/18/2028	5.00	34.0	—
Deep Foundations	Building Construction	11/18/2028	5/17/2029	5.00	129	—
Foundations	Building Construction	3/26/2029	7/18/2029	5.00	83.0	—
Superstructure	Building Construction	6/18/2029	6/26/2030	5.00	268	—
Building Enclosure	Building Construction	4/17/2030	11/4/2030	5.00	144	—
Sitework	Paving	9/21/2030	4/7/2031	5.00	141	—
Interior Buildout	Architectural Coating	9/12/2029	11/21/2030	5.00	312	—
Startup/Inspections	Architectural Coating	8/29/2030	5/1/2031	5.00	176	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

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

Rough Grading/Site Demo	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Rough Grading/Site Demo	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Rough Grading/Site Demo	Excavators	Diesel	Tier 4 Final	4.00	8.00	36.0	0.38
Rough Grading/Site Demo	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Deep Foundations	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Deep Foundations	Pumps	Diesel	Tier 4 Final	3.00	12.0	11.0	0.74
Deep Foundations	Bore/Drill Rigs	Diesel	Tier 3	2.00	12.0	83.0	0.50
Deep Foundations	Forklifts	Diesel	Tier 4 Final	2.00	12.0	82.0	0.20
Foundations	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Foundations	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Foundations	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Superstructure	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Superstructure	Welders	Diesel	Tier 4 Final	8.00	8.00	46.0	0.45
Superstructure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Superstructure	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Superstructure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Building Enclosure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Building Enclosure	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Enclosure	Other Construction Equipment	Diesel	Tier 4 Final	4.00	8.00	82.0	0.42
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	8.00	8.00	46.0	0.31
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Sitework	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Sitework	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Sitework	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20

Interior Buildout	Aerial Lifts	Electric	Tier 4 Final	20.0	8.00	46.0	0.31
Interior Buildout	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Diesel	Tier 4 Final	2.00	10.0	46.0	0.31
Startup/Inspections	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Startup/Inspections	Aerial Lifts	Electric	Tier 4 Final	4.00	8.00	46.0	0.31

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Rough Grading/Site Demo	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Rough Grading/Site Demo	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Rough Grading/Site Demo	Excavators	Diesel	Tier 4 Final	4.00	8.00	36.0	0.38
Rough Grading/Site Demo	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Deep Foundations	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Deep Foundations	Pumps	Diesel	Tier 4 Final	3.00	12.0	11.0	0.74
Deep Foundations	Bore/Drill Rigs	Diesel	Tier 3	2.00	12.0	83.0	0.50
Deep Foundations	Forklifts	Diesel	Tier 4 Final	2.00	12.0	82.0	0.20
Foundations	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Foundations	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Foundations	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Superstructure	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Superstructure	Welders	Diesel	Tier 4 Final	8.00	8.00	46.0	0.45
Superstructure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Superstructure	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Superstructure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31

Building Enclosure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Building Enclosure	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Enclosure	Other Construction Equipment	Diesel	Tier 4 Final	4.00	8.00	82.0	0.42
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	8.00	8.00	46.0	0.31
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Sitework	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Sitework	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Sitework	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Electric	Tier 4 Final	20.0	8.00	46.0	0.31
Interior Buildout	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Diesel	Tier 4 Final	2.00	10.0	46.0	0.31
Startup/Inspections	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Startup/Inspections	Aerial Lifts	Electric	Tier 4 Final	4.00	8.00	46.0	0.31

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Rough Grading/Site Demo	—	—	—	—
Rough Grading/Site Demo	Worker	25.0	11.7	LDA,LDT1,LDT2
Rough Grading/Site Demo	Vendor	0.00	8.40	HHDT,MHDT
Rough Grading/Site Demo	Hauling	236	20.0	HHDT
Rough Grading/Site Demo	Onsite truck	2.00	10.0	HHDT
Deep Foundations	—	—	—	—
Deep Foundations	Worker	497	11.7	LDA,LDT1,LDT2
Deep Foundations	Vendor	36.0	8.40	HHDT,MHDT
Deep Foundations	Hauling	25.0	20.0	HHDT

Deep Foundations	Onsite truck	2.00	10.0	HHDT
Foundations	—	—	—	—
Foundations	Worker	497	11.7	LDA,LDT1,LDT2
Foundations	Vendor	125	8.40	HHDT,MHDT
Foundations	Hauling	0.00	20.0	HHDT
Foundations	Onsite truck	2.00	10.0	HHDT
Superstructure	—	—	—	—
Superstructure	Worker	497	11.7	LDA,LDT1,LDT2
Superstructure	Vendor	50.0	8.40	HHDT,MHDT
Superstructure	Hauling	5.00	20.0	HHDT
Superstructure	Onsite truck	2.00	10.0	HHDT
Building Enclosure	—	—	—	—
Building Enclosure	Worker	497	11.7	LDA,LDT1,LDT2
Building Enclosure	Vendor	0.00	8.40	HHDT,MHDT
Building Enclosure	Hauling	8.00	20.0	HHDT
Building Enclosure	Onsite truck	2.00	10.0	HHDT
Sitework	—	—	—	—
Sitework	Worker	12.5	11.7	LDA,LDT1,LDT2
Sitework	Vendor	12.0	8.40	HHDT,MHDT
Sitework	Hauling	0.00	20.0	HHDT
Sitework	Onsite truck	0.00	10.0	HHDT
Interior Buildout	—	—	—	—
Interior Buildout	Worker	397	11.7	LDA,LDT1,LDT2
Interior Buildout	Vendor	20.0	8.40	HHDT,MHDT
Interior Buildout	Hauling	0.00	20.0	HHDT
Interior Buildout	Onsite truck	0.00	10.0	HHDT
Startup/Inspections	—	—	—	—

Startup/Inspections	Worker	386	11.7	LDA,LDT1,LDT2
Startup/Inspections	Vendor	6.00	8.40	HHDT,MHDT
Startup/Inspections	Hauling	0.00	20.0	HHDT
Startup/Inspections	Onsite truck	0.00	10.0	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Rough Grading/Site Demo	—	—	—	—
Rough Grading/Site Demo	Worker	25.0	11.7	LDA,LDT1,LDT2
Rough Grading/Site Demo	Vendor	0.00	8.40	HHDT,MHDT
Rough Grading/Site Demo	Hauling	236	20.0	HHDT
Rough Grading/Site Demo	Onsite truck	2.00	10.0	HHDT
Deep Foundations	—	—	—	—
Deep Foundations	Worker	497	11.7	LDA,LDT1,LDT2
Deep Foundations	Vendor	36.0	8.40	HHDT,MHDT
Deep Foundations	Hauling	25.0	20.0	HHDT
Deep Foundations	Onsite truck	2.00	10.0	HHDT
Foundations	—	—	—	—
Foundations	Worker	497	11.7	LDA,LDT1,LDT2
Foundations	Vendor	125	8.40	HHDT,MHDT
Foundations	Hauling	0.00	20.0	HHDT
Foundations	Onsite truck	2.00	10.0	HHDT
Superstructure	—	—	—	—
Superstructure	Worker	497	11.7	LDA,LDT1,LDT2
Superstructure	Vendor	50.0	8.40	HHDT,MHDT
Superstructure	Hauling	5.00	20.0	HHDT
Superstructure	Onsite truck	2.00	10.0	HHDT

Building Enclosure	—	—	—	—
Building Enclosure	Worker	497	11.7	LDA,LDT1,LDT2
Building Enclosure	Vendor	0.00	8.40	HHDT,MHDT
Building Enclosure	Hauling	8.00	20.0	HHDT
Building Enclosure	Onsite truck	2.00	10.0	HHDT
Sitework	—	—	—	—
Sitework	Worker	12.5	11.7	LDA,LDT1,LDT2
Sitework	Vendor	12.0	8.40	HHDT,MHDT
Sitework	Hauling	0.00	20.0	HHDT
Sitework	Onsite truck	0.00	10.0	HHDT
Interior Buildout	—	—	—	—
Interior Buildout	Worker	397	11.7	LDA,LDT1,LDT2
Interior Buildout	Vendor	20.0	8.40	HHDT,MHDT
Interior Buildout	Hauling	0.00	20.0	HHDT
Interior Buildout	Onsite truck	0.00	10.0	HHDT
Startup/Inspections	—	—	—	—
Startup/Inspections	Worker	386	11.7	LDA,LDT1,LDT2
Startup/Inspections	Vendor	6.00	8.40	HHDT,MHDT
Startup/Inspections	Hauling	0.00	20.0	HHDT
Startup/Inspections	Onsite truck	0.00	10.0	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Interior Buildout	0.00	0.00	806,604	265,339	21,955

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Rough Grading/Site Demo	850,000	0.00	68.0	0.00	—
Sitework	0.00	0.00	35.3	0.00	70.5

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Research & Development	0.00	0%
General Office Building	0.00	0%
Enclosed Parking with Elevator	70.5	100%
Parking Lot	0.00	0%
High Turnover (Sit Down Restaurant)	0.00	0%
Day-Care Center	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2028	2,392,000	100.0	0.03	< 0.005

2029	2,392,000	100.0	0.03	< 0.005
2030	2,392,000	100.0	0.03	< 0.005
2031	2,392,000	100.0	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Research & Development	4,794	0.00	0.00	1,249,766	69,987	0.00	0.00	18,246,578
General Office Building	23.7	0.00	0.00	6,187	346	0.00	0.00	90,330
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	47.5	0.00	0.00	12,374	693	0.00	0.00	180,659
Day-Care Center	24.0	0.00	0.00	6,264	351	0.00	0.00	91,459

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Research & Development	4,794	0.00	0.00	1,249,766	69,987	0.00	0.00	18,246,578
General Office Building	23.7	0.00	0.00	6,187	346	0.00	0.00	90,330
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	47.5	0.00	0.00	12,374	693	0.00	0.00	180,659

Day-Care Center	24.0	0.00	0.00	6,264	351	0.00	0.00	91,459

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,260,898	414,783	34,321

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Research & Development	27,921,457	0.00	0.0000	0.0000	0.00
General Office Building	138,225	0.00	0.0000	0.0000	0.00
Enclosed Parking with Elevator	2,036,308	0.00	0.0000	0.0000	0.00
Parking Lot	17,858	0.00	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	276,450	0.00	0.0000	0.0000	0.00
Day-Care Center	139,953	0.00	0.0000	0.0000	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Research & Development	27,921,457	0.00	0.0000	0.0000	0.00
General Office Building	138,225	0.00	0.0000	0.0000	0.00
Enclosed Parking with Elevator	2,036,308	0.00	0.0000	0.0000	0.00
Parking Lot	17,858	0.00	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	276,450	0.00	0.0000	0.0000	0.00
Day-Care Center	139,953	0.00	0.0000	0.0000	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Research & Development	4,514,903	925,765
General Office Building	22,351	4,583
Enclosed Parking with Elevator	0.00	0.00

Parking Lot	0.00	0.00
High Turnover (Sit Down Restaurant)	44,702	9,166
Day-Care Center	22,630	4,640

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Research & Development	4,514,903	925,765
General Office Building	22,351	4,583
Enclosed Parking with Elevator	0.00	0.00
Parking Lot	0.00	0.00
High Turnover (Sit Down Restaurant)	44,702	9,166
Day-Care Center	22,630	4,640

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Research & Development	646	—
General Office Building	1.92	—
Enclosed Parking with Elevator	0.00	—
Parking Lot	0.00	—
High Turnover (Sit Down Restaurant)	3.84	—
Day-Care Center	1.66	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)

Research & Development	646	—
General Office Building	1.92	—
Enclosed Parking with Elevator	0.00	—
Parking Lot	0.00	—
High Turnover (Sit Down Restaurant)	3.84	—
Day-Care Center	1.66	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Research & Development	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Research & Development	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Day-Care Center	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Day-Care Center	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

Day-Care Center	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Day-Care Center	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Research & Development	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Research & Development	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Day-Care Center	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Day-Care Center	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Day-Care Center	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Day-Care Center	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.15.2. Mitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	12.0	0.50	150	671	0.73

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
Vine Maple	25.0	34,890	113
Bigleaf Maple	10.0	15,189	49.0
Cyprus Strawberry	8.50	15,729	77.8
Strawberry Tree	42.0	77,721	385
Snowbrush Ceanothus	27.0	13,666	58.8
CA Redbud	28.5	42,277	137
Monterey Cyprus	4.00	3,547	12.8
Strawberry Tree	14.5	26,832	133
CA Sycamore	12.5	13,499	43.4
CA Laurel	1.00	2,094	10.5
European Olive	7.00	15,413	77.1

CA Sycamore	16.0	17,279	55.5
Freemont Cottonwood	41.5	64,563	209
Coastal Live Oak	49.5	87,068	422
Red Willow	17.0	22,636	73.0
Coast Redwood	27.0	57,793	291

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
Vine Maple	25.0	34,890	113
Bigleaf Maple	10.0	15,189	49.0
Cyprus Strawberry	8.50	15,729	77.8
Strawberry Tree	42.0	77,721	385
Snowbrush Ceanothus	27.0	13,666	58.8
CA Redbud	28.5	42,277	137
Monterey Cyprus	4.00	3,547	12.8
Strawberry Tree	14.5	26,832	133
CA Sycamore	12.5	13,499	43.4
CA Laurel	1.00	2,094	10.5
European Olive	7.00	15,413	77.1
CA Sycamore	16.0	17,279	55.5
Freemont Cottonwood	41.5	64,563	209
Coastal Live Oak	49.5	87,068	422
Red Willow	17.0	22,636	73.0
Coast Redwood	27.0	57,793	291

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	5.92	annual days of extreme heat
Extreme Precipitation	9.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	17.7	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	3	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	7.52

AQ-PM	32.9
AQ-DPM	94.6
Drinking Water	54.0
Lead Risk Housing	79.7
Pesticides	0.00
Toxic Releases	37.7
Traffic	80.8
Effect Indicators	—
CleanUp Sites	98.9
Groundwater	99.7
Haz Waste Facilities/Generators	99.9
Impaired Water Bodies	87.0
Solid Waste	97.2
Sensitive Population	—
Asthma	68.9
Cardio-vascular	48.4
Low Birth Weights	53.2
Socioeconomic Factor Indicators	—
Education	60.6
Housing	43.3
Linguistic	57.8
Poverty	54.4
Unemployment	64.5

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract

Economic	—
Above Poverty	65.03272167
Employed	87.75824458
Median HI	74.04080585
Education	—
Bachelor's or higher	46.97805723
High school enrollment	100
Preschool enrollment	45.37405364
Transportation	—
Auto Access	59.70742974
Active commuting	58.00076992
Social	—
2-parent households	88.6179905
Voting	71.10227127
Neighborhood	—
Alcohol availability	29.00038496
Park access	52.72680611
Retail density	91.04324394
Supermarket access	82.92056974
Tree canopy	62.40215578
Housing	—
Homeownership	71.67971256
Housing habitability	43.62889773
Low-inc homeowner severe housing cost burden	60.7596561
Low-inc renter severe housing cost burden	17.45155909
Uncrowded housing	55.74233286
Health Outcomes	—

Insured adults	81.30373412
Arthritis	0.0
Asthma ER Admissions	27.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	20.5
Cognitively Disabled	68.5
Physically Disabled	47.8
Heart Attack ER Admissions	48.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	93.9
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	55.0
Children	61.0

Elderly	24.3
English Speaking	24.7
Foreign-born	88.7
Outdoor Workers	57.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	16.5
Traffic Density	73.3
Traffic Access	71.5
Other Indices	—
Hardship	46.7
Other Decision Support	—
2016 Voting	55.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	83.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Peninsula Clean Energy would be energy provider. Building would be all electric.
Construction: Construction Phases	Applicant provided info.
Construction: Off-Road Equipment	Applicant provided info.
Construction: Off-Road Equipment EF	EF for electric equipment entered manually.
Construction: Dust From Material Movement	Applicant provided info.
Construction: Demolition	Applicant provided info - existing square footage of all buildings.
Construction: Trips and VMT	Worker trips = default; 2 "buggies" per phase except last three phases operating less than 10 miles a day.
Construction: On-Road Fugitive Dust	2023 BAAQMD guidance - change silt load to 0.5
Construction: Architectural Coatings	Arch coating phase will most likely occur during interior buildout.
Construction: Paving	Applicant provided info.
Construction: Electricity	Applicant provided info.
Operations: Generators + Pumps EF	Generators will be Tier 2. Used BAAQMD 2023 Guidance, which explains defaults are Tier 2 values.
Operations: Energy Use	Applicant provided info.
Operations: Water and Waste Water	Applicant provided info.
Operations: Solid Waste	Applicant Provided Info.
Operations: Emergency Generators and Fire Pumps	Applicant provided info
Operations: Vehicle Data	Applicant provided information.

I131 South - Construction and Operation - 2/7/2024 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	I131 South - Construction and Operation - 2/7/2024
Construction Start Date	1/1/2026
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	131 Terminal Ct, South San Francisco, CA 94080, USA
County	San Mateo
City	South San Francisco
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1292
EDFZ	1
Electric Utility	Peninsula Clean Energy
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Research & Development	824	1000sqft	18.9	824,000	66,934	0.00	—	—
High Turnover (Sit Down Restaurant)	19.0	1000sqft	0.44	19,000	1,543	0.00	—	—
General Office Building	17.0	1000sqft	0.39	17,000	1,381	0.00	—	—
Enclosed Parking with Elevator	453	1000sqft	10.4	453,034	0.00	0.00	—	—
Parking Lot	62.0	Space	0.56	0.00	0.00	0.00	—	—
Health Club	20.0	1000sqft	0.46	20,000	1,625	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces
Construction	C-10-B	Water Active Demolition Sites
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads
Area Sources	AS-1	Use Low-VOC Cleaning Supplies
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment
Area Sources	AS-2	Use Low-VOC Paints

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.64	23.3	43.0	84.8	0.19	0.60	107	107	0.57	17.6	17.8	—	32,727	32,727	3.60	3.36	52.0	33,871
Mit.	5.64	23.3	43.0	84.8	0.19	0.60	59.1	59.3	0.57	12.9	13.1	—	32,727	32,727	3.60	3.36	52.0	33,871
% Reduced	—	—	—	—	—	—	45%	44%	—	27%	27%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.62	23.9	44.8	82.3	0.19	0.60	107	107	0.57	17.6	17.8	—	32,503	32,503	3.61	3.49	1.35	33,636
Mit.	5.62	23.9	44.8	82.3	0.19	0.60	59.1	59.3	0.57	12.9	13.1	—	32,503	32,503	3.61	3.49	1.35	33,636
% Reduced	—	—	—	—	—	—	45%	44%	—	27%	27%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.01	14.5	13.0	39.0	0.06	0.18	45.2	45.3	0.18	7.86	7.94	—	10,921	10,921	1.05	0.94	8.07	11,236
Mit.	2.01	14.5	13.0	39.0	0.06	0.18	27.2	27.2	0.18	6.06	6.14	—	10,921	10,921	1.05	0.94	8.07	11,236
% Reduced	—	—	—	—	—	—	40%	40%	—	23%	23%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.37	2.64	2.37	7.13	0.01	0.03	8.25	8.27	0.03	1.44	1.45	—	1,808	1,808	0.17	0.16	1.34	1,860
Mit.	0.37	2.64	2.37	7.13	0.01	0.03	4.96	4.97	0.03	1.11	1.12	—	1,808	1,808	0.17	0.16	1.34	1,860
% Reduced	—	—	—	—	—	—	40%	40%	—	23%	23%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.64	2.80	43.0	80.2	0.19	0.60	105	106	0.57	16.2	16.8	—	32,727	32,727	3.60	3.36	52.0	33,871
2027	4.17	23.3	18.2	84.8	0.09	0.17	107	107	0.16	17.6	17.8	—	21,173	21,173	0.90	0.58	33.8	21,402
2028	1.89	22.6	4.79	33.7	0.03	0.05	26.3	26.3	0.05	6.48	6.53	—	9,518	9,518	0.43	0.20	15.4	9,603
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.62	2.95	44.8	79.1	0.19	0.60	105	106	0.57	16.2	16.8	—	32,503	32,503	3.61	3.49	1.35	33,636
2027	4.16	23.3	18.9	82.3	0.09	0.17	107	107	0.16	17.6	17.8	—	20,594	20,594	0.96	0.58	0.87	20,791
2028	3.22	23.9	8.18	60.8	0.06	0.11	72.4	72.5	0.11	13.5	13.6	—	15,931	15,931	0.70	0.35	0.65	16,053
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.01	1.21	13.0	29.7	0.06	0.18	41.7	41.9	0.18	6.57	6.75	—	10,921	10,921	1.05	0.94	8.07	11,236
2027	2.01	14.5	10.2	39.0	0.05	0.08	45.2	45.3	0.08	7.86	7.94	—	10,530	10,530	0.60	0.31	7.23	10,646
2028	0.79	5.26	1.77	14.1	0.01	0.02	14.1	14.1	0.02	2.96	2.99	—	4,399	4,399	0.33	0.10	2.74	4,440
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.37	0.22	2.37	5.42	0.01	0.03	7.62	7.65	0.03	1.20	1.23	—	1,808	1,808	0.17	0.16	1.34	1,860
2027	0.37	2.64	1.86	7.13	0.01	0.02	8.25	8.27	0.01	1.44	1.45	—	1,743	1,743	0.10	0.05	1.20	1,763
2028	0.14	0.96	0.32	2.57	< 0.005	< 0.005	2.57	2.57	< 0.005	0.54	0.54	—	728	728	0.06	0.02	0.45	735

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.64	2.80	43.0	80.2	0.19	0.60	51.3	51.9	0.57	10.5	11.1	—	32,727	32,727	3.60	3.36	52.0	33,871
2027	4.17	23.3	18.2	84.8	0.09	0.17	59.1	59.3	0.16	12.9	13.1	—	21,173	21,173	0.90	0.58	33.8	21,402

2028	1.89	22.6	4.79	33.7	0.03	0.05	26.3	26.3	0.05	6.48	6.53	—	9,518	9,518	0.43	0.20	15.4	9,603
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.62	2.95	44.8	79.1	0.19	0.60	51.3	51.9	0.57	10.5	11.1	—	32,503	32,503	3.61	3.49	1.35	33,636
2027	4.16	23.3	18.9	82.3	0.09	0.17	59.1	59.3	0.16	12.9	13.1	—	20,594	20,594	0.96	0.58	0.87	20,791
2028	3.22	23.9	8.18	60.8	0.06	0.11	48.6	48.7	0.11	11.2	11.3	—	15,931	15,931	0.70	0.35	0.65	16,053
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.01	1.21	13.0	29.7	0.06	0.18	21.1	21.3	0.18	4.49	4.67	—	10,921	10,921	1.05	0.94	8.07	11,236
2027	2.01	14.5	10.2	39.0	0.05	0.08	27.2	27.2	0.08	6.06	6.14	—	10,530	10,530	0.60	0.31	7.23	10,646
2028	0.79	5.26	1.77	14.1	0.01	0.02	11.3	11.3	0.02	2.68	2.71	—	4,399	4,399	0.33	0.10	2.74	4,440
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.37	0.22	2.37	5.42	0.01	0.03	3.86	3.89	0.03	0.82	0.85	—	1,808	1,808	0.17	0.16	1.34	1,860
2027	0.37	2.64	1.86	7.13	0.01	0.02	4.96	4.97	0.01	1.11	1.12	—	1,743	1,743	0.10	0.05	1.20	1,763
2028	0.14	0.96	0.32	2.57	< 0.005	< 0.005	2.06	2.06	< 0.005	0.49	0.49	—	728	728	0.06	0.02	0.45	735

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	34.1	52.3	31.3	246	0.56	1.30	53.6	54.9	1.28	13.6	14.9	386	58,594	58,979	40.3	1.65	183	60,661
Mit.	23.7	40.0	30.8	188	0.55	1.20	53.6	54.8	1.20	13.6	14.8	386	58,355	58,741	40.3	1.65	183	60,422
% Reduced	30%	24%	2%	24%	1%	8%	—	< 0.5%	6%	—	1%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	23.5	42.6	33.1	177	0.53	1.20	53.6	54.8	1.20	13.6	14.8	386	55,911	56,297	40.4	1.81	54.3	57,899
Mit.	23.5	39.8	33.1	177	0.53	1.20	53.6	54.8	1.20	13.6	14.8	386	55,911	56,297	40.4	1.81	54.3	57,899
% Reduced	—	7%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	22.5	41.8	25.2	154	0.38	1.00	37.4	38.4	1.00	9.47	10.5	386	40,465	40,851	39.8	1.26	91.7	42,314
Mit.	17.4	34.3	25.0	125	0.38	0.95	37.4	38.3	0.96	9.47	10.4	386	40,347	40,733	39.8	1.26	91.7	42,196
% Reduced	23%	18%	1%	19%	< 0.5%	5%	—	< 0.5%	4%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.11	7.63	4.60	28.1	0.07	0.18	6.82	7.00	0.18	1.73	1.91	63.9	6,699	6,763	6.60	0.21	15.2	7,006
Mit.	3.18	6.26	4.56	22.9	0.07	0.17	6.82	6.99	0.18	1.73	1.90	63.9	6,680	6,744	6.60	0.21	15.2	6,986
% Reduced	23%	18%	1%	19%	< 0.5%	5%	—	< 0.5%	4%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.5	14.8	12.4	171	0.54	0.26	53.7	53.9	0.24	13.6	13.8	—	55,146	55,146	1.54	1.60	132	55,794
Area	10.3	31.0	0.49	58.0	< 0.005	0.10	—	0.10	0.08	—	0.08	—	238	238	0.01	< 0.005	—	239
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9

Stationar	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetatio n	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	34.1	52.3	31.3	246	0.56	1.30	53.6	54.9	1.28	13.6	14.9	386	58,594	58,979	40.3	1.65	183	60,661
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.3	14.6	14.7	160	0.52	0.26	53.7	53.9	0.24	13.6	13.8	—	52,702	52,702	1.66	1.76	3.43	53,271
Area	—	21.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationar y	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetatio n	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	23.5	42.6	33.1	177	0.53	1.20	53.6	54.8	1.20	13.6	14.8	386	55,911	56,297	40.4	1.81	54.3	57,899
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.5	10.3	9.89	112	0.37	0.19	37.4	37.6	0.17	9.48	9.65	—	37,740	37,740	1.15	1.21	40.8	38,171
Area	5.09	26.1	0.24	28.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	118	118	< 0.005	< 0.005	—	118
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationar y	5.96	5.43	15.2	13.8	0.03	0.80	0.00	0.80	0.80	0.00	0.80	0.00	2,776	2,776	0.11	0.02	0.00	2,785
Vegetatio n	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168

Total	22.5	41.8	25.2	154	0.38	1.00	37.4	38.4	1.00	9.47	10.5	386	40,465	40,851	39.8	1.26	91.7	42,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.10	1.87	1.80	20.4	0.07	0.03	6.82	6.86	0.03	1.73	1.76	—	6,248	6,248	0.19	0.20	6.76	6,320
Area	0.93	4.77	0.04	5.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.5	19.5	< 0.005	< 0.005	—	19.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	1.56	0.00	1.56	0.16	< 0.005	—	6.69
Waste	—	—	—	—	—	—	—	—	—	—	—	62.3	0.00	62.3	6.23	0.00	—	218
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.43	8.43
Stationary	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Vegetation	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9
Total	4.11	7.63	4.60	28.1	0.07	0.18	6.82	7.00	0.18	1.73	1.91	63.9	6,699	6,763	6.60	0.21	15.2	7,006

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.5	14.8	12.4	171	0.54	0.26	53.7	53.9	0.24	13.6	13.8	—	55,146	55,146	1.54	1.60	132	55,794
Area	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389

Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	23.7	40.0	30.8	188	0.55	1.20	53.6	54.8	1.20	13.6	14.8	386	58,355	58,741	40.3	1.65	183	60,422
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.3	14.6	14.7	160	0.52	0.26	53.7	53.9	0.24	13.6	13.8	—	52,702	52,702	1.66	1.76	3.43	53,271
Area	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationary	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	23.5	39.8	33.1	177	0.53	1.20	53.6	54.8	1.20	13.6	14.8	386	55,911	56,297	40.4	1.81	54.3	57,899
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.5	10.3	9.89	112	0.37	0.19	37.4	37.6	0.17	9.48	9.65	—	37,740	37,740	1.15	1.21	40.8	38,171
Area	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Waste	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Stationary	5.96	5.43	15.2	13.8	0.03	0.80	0.00	0.80	0.80	0.00	0.80	0.00	2,776	2,776	0.11	0.02	0.00	2,785
Vegetation	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Total	17.4	34.3	25.0	125	0.38	0.95	37.4	38.3	0.96	9.47	10.4	386	40,347	40,733	39.8	1.26	91.7	42,196

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.10	1.87	1.80	20.4	0.07	0.03	6.82	6.86	0.03	1.73	1.76	—	6,248	6,248	0.19	0.20	6.76	6,320
Area	—	3.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	1.56	0.00	1.56	0.16	< 0.005	—	6.69
Waste	—	—	—	—	—	—	—	—	—	—	—	62.3	0.00	62.3	6.23	0.00	—	218
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.43	8.43
Stationary	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Vegetation	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9
Total	3.18	6.26	4.56	22.9	0.07	0.17	6.82	6.99	0.18	1.73	1.90	63.9	6,680	6,744	6.60	0.21	15.2	6,986

3. Construction Emissions Details

3.1. Building & Demo/Abatement (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.26	2.44	14.9	0.02	0.05	—	0.05	0.05	—	0.05	—	2,548	2,548	0.10	0.02	—	2,556
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.28	1.72	< 0.005	0.01	—	0.01	0.01	—	0.01	—	293	293	0.01	< 0.005	—	294
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	3.04	3.04	< 0.005	0.30	0.30	—	9.03	9.03	< 0.005	< 0.005	0.01	9.50
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.5	48.5	< 0.005	< 0.005	—	48.7
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.55	0.55	< 0.005	0.06	0.06	—	1.50	1.50	< 0.005	< 0.005	< 0.005	1.57
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.47	0.00	0.00	0.60	0.60	0.00	0.15	0.15	—	133	133	< 0.005	0.01	0.01	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.96	0.27	17.9	12.0	0.07	0.13	9.27	9.40	0.13	2.38	2.51	—	11,377	11,377	1.69	1.80	0.57	11,956
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.05	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	15.4	15.4	< 0.005	< 0.005	0.02	15.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.23	0.03	2.03	1.38	0.01	0.02	1.04	1.06	0.02	0.27	0.28	—	1,309	1,309	0.19	0.21	1.08	1,377
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.55	2.55	< 0.005	< 0.005	< 0.005	2.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.37	0.25	< 0.005	< 0.005	0.19	0.19	< 0.005	0.05	0.05	—	217	217	0.03	0.03	0.18	228

3.2. Building & Demo/Abatement (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.26	2.44	14.9	0.02	0.05	—	0.05	0.05	—	0.05	—	2,548	2,548	0.10	0.02	—	2,556
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.28	1.72	< 0.005	0.01	—	0.01	0.01	—	0.01	—	293	293	0.01	< 0.005	—	294
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.59	0.59	< 0.005	0.06	0.06	—	9.03	9.03	< 0.005	< 0.005	0.01	9.50
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.5	48.5	< 0.005	< 0.005	—	48.7
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.11	0.11	< 0.005	0.01	0.01	—	1.50	1.50	< 0.005	< 0.005	< 0.005	1.57
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.04	0.04	0.04	0.47	0.00	0.00	0.60	0.60	0.00	0.15	0.15	—	133	133	< 0.005	0.01	0.01	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.96	0.27	17.9	12.0	0.07	0.13	9.27	9.40	0.13	2.38	2.51	—	11,377	11,377	1.69	1.80	0.57	11,956
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.05	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	15.4	15.4	< 0.005	< 0.005	0.02	15.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.23	0.03	2.03	1.38	0.01	0.02	1.04	1.06	0.02	0.27	0.28	—	1,309	1,309	0.19	0.21	1.08	1,377
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.55	2.55	< 0.005	< 0.005	< 0.005	2.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.37	0.25	< 0.005	< 0.005	0.19	0.19	< 0.005	0.05	0.05	—	217	217	0.03	0.03	0.18	228

3.3. Rough Grading/Site Demo (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,240	5,240	0.21	0.04	—	5,258
Dust From Material Movement	—	—	—	—	—	—	5.03	5.03	—	0.67	0.67	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	7.62	7.62	—	1.15	1.15	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	0.15	82.7

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,240	5,240	0.21	0.04	—	5,258
Dust From Material Movement	—	—	—	—	—	—	5.03	5.03	—	0.67	0.67	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	7.62	7.62	—	1.15	1.15	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.46	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	488	488	0.02	< 0.005	—	490
Dust From Material Movement	—	—	—	—	—	—	0.47	0.47	—	0.06	0.06	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.71	0.71	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	2.46	2.46	< 0.005	0.25	0.25	—	7.31	7.31	< 0.005	< 0.005	0.01	7.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.8	80.8	< 0.005	< 0.005	—	81.1
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.13	0.13	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.45	0.45	< 0.005	0.04	0.04	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.27
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.72	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	202	202	< 0.005	< 0.005	0.60	203
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.06	0.43	26.4	18.7	0.11	0.20	14.4	14.6	0.20	3.70	3.90	—	17,681	17,681	2.62	2.80	34.1	18,615
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.67	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	191	191	< 0.005	0.01	0.02	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.05	0.42	27.8	18.7	0.11	0.20	14.4	14.6	0.20	3.70	3.90	—	17,680	17,680	2.62	2.80	0.88	18,580
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.8	17.8	< 0.005	< 0.005	0.02	18.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.28	0.04	2.55	1.74	0.01	0.02	1.31	1.33	0.02	0.34	0.36	—	1,647	1,647	0.24	0.26	1.36	1,732
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.95	2.95	< 0.005	< 0.005	< 0.005	2.99
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.47	0.32	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	273	273	0.04	0.04	0.23	287

3.4. Rough Grading/Site Demo (2026) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,240	5,240	0.21	0.04	—	5,258
Dust From Material Movement	—	—	—	—	—	—	1.31	1.31	—	0.17	0.17	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	4.88	4.88	—	0.74	0.74	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	4.95	28.8	0.05	0.10	—	0.10	0.10	—	0.10	—	5,240	5,240	0.21	0.04	—	5,258
Dust From Material Movement	—	—	—	—	—	—	1.31	1.31	—	0.17	0.17	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	4.88	4.88	—	0.74	0.74	—	—	—	—	—	—	—
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.46	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	488	488	0.02	< 0.005	—	490
Dust From Material Movement	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.45	0.45	—	0.07	0.07	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.48	0.48	< 0.005	0.05	0.05	—	7.31	7.31	< 0.005	< 0.005	0.01	7.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.8	80.8	< 0.005	< 0.005	—	81.1
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.09	0.09	< 0.005	0.01	0.01	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.27
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.72	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	202	202	< 0.005	< 0.005	0.60	203
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.06	0.43	26.4	18.7	0.11	0.20	14.4	14.6	0.20	3.70	3.90	—	17,681	17,681	2.62	2.80	34.1	18,615
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.67	0.00	0.00	0.85	0.85	0.00	0.21	0.21	—	191	191	< 0.005	0.01	0.02	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.05	0.42	27.8	18.7	0.11	0.20	14.4	14.6	0.20	3.70	3.90	—	17,680	17,680	2.62	2.80	0.88	18,580
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	17.8	17.8	< 0.005	< 0.005	0.02	18.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.28	0.04	2.55	1.74	0.01	0.02	1.31	1.33	0.02	0.34	0.36	—	1,647	1,647	0.24	0.26	1.36	1,732
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.95	2.95	< 0.005	< 0.005	< 0.005	2.99
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.47	0.32	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	273	273	0.04	0.04	0.23	287

3.5. Deep Foundations (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	6.53	15.4	0.02	0.26	—	0.26	0.24	—	0.24	—	2,191	2,191	0.09	0.02	—	2,199
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	6.53	15.4	0.02	0.26	—	0.26	0.24	—	0.24	—	2,191	2,191	0.09	0.02	—	2,199
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	2.31	5.44	0.01	0.09	—	0.09	0.08	—	0.08	—	774	774	0.03	0.01	—	777
Onsite truck	0.01	< 0.005	0.05	0.03	< 0.005	< 0.005	9.33	9.33	< 0.005	0.93	0.93	—	27.7	27.7	< 0.005	< 0.005	0.02	29.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.42	0.99	< 0.005	0.02	—	0.02	0.02	—	0.02	—	128	128	0.01	< 0.005	—	129

Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	1.70	1.70	< 0.005	0.17	0.17	—	4.59	4.59	< 0.005	< 0.005	< 0.005	4.83
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.08	0.85	13.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,839	3,839	0.06	0.03	11.4	3,861
Vendor	0.12	0.03	1.20	0.76	0.01	0.01	0.80	0.81	0.01	0.20	0.22	—	875	875	0.08	0.13	2.06	917
Hauling	0.32	0.04	2.76	1.95	0.01	0.02	1.50	1.52	0.02	0.39	0.41	—	1,845	1,845	0.27	0.29	3.56	1,942
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.12	0.03	1.26	0.77	0.01	0.01	0.80	0.81	0.01	0.20	0.22	—	875	875	0.08	0.13	0.05	915
Hauling	0.32	0.04	2.90	1.95	0.01	0.02	1.50	1.52	0.02	0.39	0.41	—	1,845	1,845	0.27	0.29	0.09	1,939
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.37	0.36	4.34	0.00	0.00	5.58	5.58	0.00	1.37	1.37	—	1,286	1,286	0.03	0.05	1.74	1,305
Vendor	0.04	0.01	0.44	0.27	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	309	309	0.03	0.04	0.31	324
Hauling	0.11	0.02	1.01	0.69	< 0.005	0.01	0.52	0.53	0.01	0.13	0.14	—	652	652	0.10	0.10	0.54	686
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.79	0.00	0.00	1.02	1.02	0.00	0.25	0.25	—	213	213	< 0.005	0.01	0.29	216
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	51.2	51.2	< 0.005	0.01	0.05	53.6
Hauling	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.09	0.10	< 0.005	0.02	0.03	—	108	108	0.02	0.02	0.09	114

3.6. Deep Foundations (2026) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	6.53	15.4	0.02	0.26	—	0.26	0.24	—	0.24	—	2,191	2,191	0.09	0.02	—	2,199
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	6.53	15.4	0.02	0.26	—	0.26	0.24	—	0.24	—	2,191	2,191	0.09	0.02	—	2,199
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	2.31	5.44	0.01	0.09	—	0.09	0.08	—	0.08	—	774	774	0.03	0.01	—	777
Onsite truck	0.01	< 0.005	0.05	0.03	< 0.005	< 0.005	1.81	1.81	< 0.005	0.18	0.18	—	27.7	27.7	< 0.005	< 0.005	0.02	29.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.42	0.99	< 0.005	0.02	—	0.02	0.02	—	0.02	—	128	128	0.01	< 0.005	—	129
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.33	0.33	< 0.005	0.03	0.03	—	4.59	4.59	< 0.005	< 0.005	< 0.005	4.83
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.08	0.85	13.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,839	3,839	0.06	0.03	11.4	3,861
Vendor	0.12	0.03	1.20	0.76	0.01	0.01	0.80	0.81	0.01	0.20	0.22	—	875	875	0.08	0.13	2.06	917
Hauling	0.32	0.04	2.76	1.95	0.01	0.02	1.50	1.52	0.02	0.39	0.41	—	1,845	1,845	0.27	0.29	3.56	1,942

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.12	0.03	1.26	0.77	0.01	0.01	0.80	0.81	0.01	0.20	0.22	—	875	875	0.08	0.13	0.05	915
Hauling	0.32	0.04	2.90	1.95	0.01	0.02	1.50	1.52	0.02	0.39	0.41	—	1,845	1,845	0.27	0.29	0.09	1,939
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.37	0.36	4.34	0.00	0.00	5.58	5.58	0.00	1.37	1.37	—	1,286	1,286	0.03	0.05	1.74	1,305
Vendor	0.04	0.01	0.44	0.27	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	309	309	0.03	0.04	0.31	324
Hauling	0.11	0.02	1.01	0.69	< 0.005	0.01	0.52	0.53	0.01	0.13	0.14	—	652	652	0.10	0.10	0.54	686
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.79	0.00	0.00	1.02	1.02	0.00	0.25	0.25	—	213	213	< 0.005	0.01	0.29	216
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	51.2	51.2	< 0.005	0.01	0.05	53.6
Hauling	0.02	< 0.005	0.18	0.13	< 0.005	< 0.005	0.09	0.10	< 0.005	0.02	0.03	—	108	108	0.02	0.02	0.09	114

3.7. Foundations (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	0.80	8.78	0.01	0.03	—	0.03	0.03	—	0.03	—	1,619	1,619	0.07	0.01	—	1,624
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.15	0.15	0.80	8.78	0.01	0.03	—	0.03	0.03	—	0.03	—	1,619	1,619	0.07	0.01	—	1,624
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.18	2.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	368	368	0.01	< 0.005	—	369
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	6.00	6.00	< 0.005	0.60	0.60	—	17.9	17.9	< 0.005	< 0.005	0.01	18.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.9	60.9	< 0.005	< 0.005	—	61.2
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	1.10	1.10	< 0.005	0.11	0.11	—	2.96	2.96	< 0.005	< 0.005	< 0.005	3.11
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.08	0.85	13.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,839	3,839	0.06	0.03	11.4	3,861
Vendor	0.48	0.12	4.80	3.03	0.02	0.05	3.19	3.24	0.05	0.82	0.86	—	3,502	3,502	0.33	0.50	8.24	3,668
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.47	0.12	5.04	3.08	0.02	0.05	3.19	3.24	0.05	0.82	0.86	—	3,501	3,501	0.33	0.50	0.21	3,660
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.23	2.79	0.00	0.00	3.59	3.59	0.00	0.88	0.88	—	827	827	0.02	0.04	1.12	839
Vendor	0.11	0.03	1.13	0.69	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	796	796	0.08	0.11	0.81	833

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.51	0.00	0.00	0.66	0.66	0.00	0.16	0.16	—	137	137	< 0.005	0.01	0.19	139
Vendor	0.02	< 0.005	0.21	0.13	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	132	132	0.01	0.02	0.13	138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Foundations (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	0.80	8.78	0.01	0.03	—	0.03	0.03	—	0.03	—	1,619	1,619	0.07	0.01	—	1,624
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	0.15	82.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	0.80	8.78	0.01	0.03	—	0.03	0.03	—	0.03	—	1,619	1,619	0.07	0.01	—	1,624
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.18	2.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	368	368	0.01	< 0.005	—	369
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	1.16	1.16	< 0.005	0.12	0.12	—	17.9	17.9	< 0.005	< 0.005	0.01	18.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.9	60.9	< 0.005	< 0.005	—	61.2
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.21	0.21	< 0.005	0.02	0.02	—	2.96	2.96	< 0.005	< 0.005	< 0.005	3.11
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.08	0.85	13.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,839	3,839	0.06	0.03	11.4	3,861
Vendor	0.48	0.12	4.80	3.03	0.02	0.05	3.19	3.24	0.05	0.82	0.86	—	3,502	3,502	0.33	0.50	8.24	3,668
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.47	0.12	5.04	3.08	0.02	0.05	3.19	3.24	0.05	0.82	0.86	—	3,501	3,501	0.33	0.50	0.21	3,660
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.23	2.79	0.00	0.00	3.59	3.59	0.00	0.88	0.88	—	827	827	0.02	0.04	1.12	839
Vendor	0.11	0.03	1.13	0.69	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	796	796	0.08	0.11	0.81	833
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.51	0.00	0.00	0.66	0.66	0.00	0.16	0.16	—	137	137	< 0.005	0.01	0.19	139
Vendor	0.02	< 0.005	0.21	0.13	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	132	132	0.01	0.02	0.13	138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Superstructure (2026) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.39	3.68	0.01	0.01	—	0.01	0.01	—	0.01	—	606	606	0.02	< 0.005	—	608
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	3.98	3.98	< 0.005	0.40	0.40	—	11.8	11.8	< 0.005	< 0.005	0.01	12.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.25	0.67	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	100	100	< 0.005	< 0.005	—	101
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.73	0.73	< 0.005	0.07	0.07	—	1.96	1.96	< 0.005	< 0.005	< 0.005	2.06
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.17	0.04	1.87	1.14	0.01	0.02	1.18	1.20	0.02	0.30	0.32	—	1,299	1,299	0.12	0.19	0.08	1,358
Hauling	0.07	0.01	0.61	0.41	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	384	384	0.06	0.06	0.02	404

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.16	0.15	1.85	0.00	0.00	2.38	2.38	0.00	0.59	0.59	—	548	548	0.01	0.02	0.74	556
Vendor	0.03	0.01	0.28	0.17	< 0.005	< 0.005	0.17	0.18	< 0.005	0.04	0.05	—	196	196	0.02	0.03	0.20	205
Hauling	0.01	< 0.005	0.09	0.06	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	57.9	57.9	0.01	0.01	0.05	60.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.34	0.00	0.00	0.43	0.43	0.00	0.11	0.11	—	90.8	90.8	< 0.005	< 0.005	0.12	92.1
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	32.4	32.4	< 0.005	< 0.005	0.03	33.9
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.59	9.59	< 0.005	< 0.005	0.01	10.1

3.10. Superstructure (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	78.5	78.5	0.01	0.01	< 0.005	82.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.39	3.68	0.01	0.01	—	0.01	0.01	—	0.01	—	606	606	0.02	< 0.005	—	608
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.77	0.77	< 0.005	0.08	0.08	—	11.8	11.8	< 0.005	< 0.005	0.01	12.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.25	0.67	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	100	100	< 0.005	< 0.005	—	101
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.14	0.14	< 0.005	0.01	0.01	—	1.96	1.96	< 0.005	< 0.005	< 0.005	2.06
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.07	1.03	12.7	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,628	3,628	0.07	0.15	0.30	3,676
Vendor	0.17	0.04	1.87	1.14	0.01	0.02	1.18	1.20	0.02	0.30	0.32	—	1,299	1,299	0.12	0.19	0.08	1,358
Hauling	0.07	0.01	0.61	0.41	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	384	384	0.06	0.06	0.02	404
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.16	0.15	1.85	0.00	0.00	2.38	2.38	0.00	0.59	0.59	—	548	548	0.01	0.02	0.74	556
Vendor	0.03	0.01	0.28	0.17	< 0.005	< 0.005	0.17	0.18	< 0.005	0.04	0.05	—	196	196	0.02	0.03	0.20	205
Hauling	0.01	< 0.005	0.09	0.06	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	57.9	57.9	0.01	0.01	0.05	60.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.34	0.00	0.00	0.43	0.43	0.00	0.11	0.11	—	90.8	90.8	< 0.005	< 0.005	0.12	92.1
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	32.4	32.4	< 0.005	< 0.005	0.03	33.9
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.59	9.59	< 0.005	< 0.005	0.01	10.1

3.11. Superstructure (2027) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	76.6	76.6	0.01	0.01	0.14	80.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	76.6	76.6	0.01	0.01	< 0.005	80.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.28	5.38	14.3	0.03	0.04	—	0.04	0.04	—	0.04	—	2,353	2,353	0.10	0.02	—	2,361
Onsite truck	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	15.4	15.4	< 0.005	1.54	1.54	—	44.8	44.8	0.01	0.01	0.03	47.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.98	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	390	390	0.02	< 0.005	—	391
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	2.82	2.82	< 0.005	0.28	0.28	—	7.42	7.42	< 0.005	< 0.005	0.01	7.81
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.02	0.71	12.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,767	3,767	0.05	0.03	10.0	3,787
Vendor	0.17	0.04	1.69	1.09	0.01	0.02	1.18	1.20	0.01	0.30	0.31	—	1,270	1,270	0.12	0.18	2.78	1,329
Hauling	0.06	0.01	0.55	0.40	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	375	375	0.05	0.06	0.69	395

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.01	0.89	11.9	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,560	3,560	0.07	0.03	0.26	3,571
Vendor	0.17	0.04	1.77	1.10	0.01	0.02	1.18	1.20	0.01	0.30	0.31	—	1,271	1,271	0.12	0.18	0.07	1,327
Hauling	0.06	0.01	0.58	0.40	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	375	375	0.05	0.06	0.02	394
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.58	0.51	6.70	0.00	0.00	9.24	9.24	0.00	2.27	2.27	—	2,089	2,089	0.04	0.02	2.54	2,098
Vendor	0.10	0.03	1.01	0.64	< 0.005	0.01	0.68	0.69	< 0.005	0.17	0.18	—	743	743	0.07	0.10	0.70	777
Hauling	0.04	0.01	0.33	0.23	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	219	219	0.03	0.04	0.17	231
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.22	0.00	0.00	1.69	1.69	0.00	0.41	0.41	—	346	346	0.01	< 0.005	0.42	347
Vendor	0.02	< 0.005	0.19	0.12	< 0.005	< 0.005	0.12	0.13	< 0.005	0.03	0.03	—	123	123	0.01	0.02	0.12	129
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	36.3	36.3	0.01	0.01	0.03	38.2

3.12. Superstructure (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	76.6	76.6	0.01	0.01	0.14	80.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.49	0.49	9.20	24.4	0.04	0.07	—	0.07	0.07	—	0.07	—	4,021	4,021	0.16	0.03	—	4,035
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	76.6	76.6	0.01	0.01	< 0.005	80.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.28	5.38	14.3	0.03	0.04	—	0.04	0.04	—	0.04	—	2,353	2,353	0.10	0.02	—	2,361
Onsite truck	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	2.99	2.99	< 0.005	0.30	0.30	—	44.8	44.8	0.01	0.01	0.03	47.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.98	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	390	390	0.02	< 0.005	—	391
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.55	0.55	< 0.005	0.05	0.05	—	7.42	7.42	< 0.005	< 0.005	0.01	7.81
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.02	0.71	12.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,767	3,767	0.05	0.03	10.0	3,787
Vendor	0.17	0.04	1.69	1.09	0.01	0.02	1.18	1.20	0.01	0.30	0.31	—	1,270	1,270	0.12	0.18	2.78	1,329
Hauling	0.06	0.01	0.55	0.40	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	375	375	0.05	0.06	0.69	395
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.01	0.89	11.9	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,560	3,560	0.07	0.03	0.26	3,571
Vendor	0.17	0.04	1.77	1.10	0.01	0.02	1.18	1.20	0.01	0.30	0.31	—	1,271	1,271	0.12	0.18	0.07	1,327
Hauling	0.06	0.01	0.58	0.40	< 0.005	< 0.005	0.31	0.32	< 0.005	0.08	0.08	—	375	375	0.05	0.06	0.02	394
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.58	0.51	6.70	0.00	0.00	9.24	9.24	0.00	2.27	2.27	—	2,089	2,089	0.04	0.02	2.54	2,098
Vendor	0.10	0.03	1.01	0.64	< 0.005	0.01	0.68	0.69	< 0.005	0.17	0.18	—	743	743	0.07	0.10	0.70	777

Hauling	0.04	0.01	0.33	0.23	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	219	219	0.03	0.04	0.17	231
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.22	0.00	0.00	1.69	1.69	0.00	0.41	0.41	—	346	346	0.01	< 0.005	0.42	347
Vendor	0.02	< 0.005	0.19	0.12	< 0.005	< 0.005	0.12	0.13	< 0.005	0.03	0.03	—	123	123	0.01	0.02	0.12	129
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	36.3	36.3	0.01	0.01	0.03	38.2

3.13. Building Enclosure (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,653	2,653	0.11	0.02	—	2,662
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	76.6	76.6	0.01	0.01	0.14	80.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,653	2,653	0.11	0.02	—	2,662
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	76.6	76.6	0.01	0.01	< 0.005	80.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.35	4.37	0.01	0.01	—	0.01	0.01	—	0.01	—	701	701	0.03	0.01	—	703
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	6.97	6.97	< 0.005	0.70	0.70	—	20.2	20.2	< 0.005	< 0.005	0.02	21.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.06	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	116	116	< 0.005	< 0.005	—	116
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	1.27	1.27	< 0.005	0.13	0.13	—	3.35	3.35	< 0.005	< 0.005	< 0.005	3.53
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.02	0.71	12.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,767	3,767	0.05	0.03	10.0	3,787
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.01	0.77	0.56	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	525	525	0.07	0.09	0.96	553
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.01	0.89	11.9	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,560	3,560	0.07	0.03	0.26	3,571
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.01	0.81	0.56	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	525	525	0.07	0.09	0.02	552
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.26	0.23	3.02	0.00	0.00	4.17	4.17	0.00	1.03	1.03	—	943	943	0.02	0.01	1.15	947
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.21	0.15	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	139	139	0.02	0.02	0.11	146
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.55	0.00	0.00	0.76	0.76	0.00	0.19	0.19	—	156	156	< 0.005	< 0.005	0.19	157
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	22.9	22.9	< 0.005	< 0.005	0.02	24.2

3.14. Building Enclosure (2027) - Mitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,653	2,653	0.11	0.02	—	2,662
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	76.6	76.6	0.01	0.01	0.14	80.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,653	2,653	0.11	0.02	—	2,662
Onsite truck	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	76.6	76.6	0.01	0.01	< 0.005	80.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.35	4.37	0.01	0.01	—	0.01	0.01	—	0.01	—	701	701	0.03	0.01	—	703
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	1.35	1.35	< 0.005	0.14	0.14	—	20.2	20.2	< 0.005	< 0.005	0.02	21.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	116	116	< 0.005	< 0.005	—	116
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.25	0.25	< 0.005	0.02	0.02	—	3.35	3.35	< 0.005	< 0.005	< 0.005	3.53
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.02	0.71	12.8	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,767	3,767	0.05	0.03	10.0	3,787
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.01	0.77	0.56	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	525	525	0.07	0.09	0.96	553

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.01	0.89	11.9	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,560	3,560	0.07	0.03	0.26	3,571
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.01	0.81	0.56	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	525	525	0.07	0.09	0.02	552
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.26	0.23	3.02	0.00	0.00	4.17	4.17	0.00	1.03	1.03	—	943	943	0.02	0.01	1.15	947
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.21	0.15	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	139	139	0.02	0.02	0.11	146
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.55	0.00	0.00	0.76	0.76	0.00	0.19	0.19	—	156	156	< 0.005	< 0.005	0.19	157
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	22.9	22.9	< 0.005	< 0.005	0.02	24.2

3.15. Building Enclosure (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	29.4	29.4	< 0.005	2.94	2.94	—	74.4	74.4	0.01	0.01	< 0.005	78.3

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.17	2.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	348	348	0.01	< 0.005	—	349
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	3.46	3.46	< 0.005	0.35	0.35	—	9.76	9.76	< 0.005	< 0.005	0.01	10.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.6	57.6	< 0.005	< 0.005	—	57.8
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.63	0.63	< 0.005	0.06	0.06	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.70
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.96	0.88	11.2	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,498	3,498	0.06	0.03	0.23	3,509
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.76	0.54	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	510	510	0.07	0.08	0.02	536
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.10	1.41	0.00	0.00	2.07	2.07	0.00	0.51	0.51	—	460	460	0.01	< 0.005	0.50	462
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	66.8	66.8	0.01	0.01	0.05	70.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.38	0.38	0.00	0.09	0.09	—	76.2	76.2	< 0.005	< 0.005	0.08	76.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6

3.16. Building Enclosure (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.31	16.5	0.02	0.05	—	0.05	0.05	—	0.05	—	2,652	2,652	0.11	0.02	—	2,661
Onsite truck	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	5.70	5.70	< 0.005	0.57	0.57	—	74.4	74.4	0.01	0.01	< 0.005	78.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.17	2.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	348	348	0.01	< 0.005	—	349
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.67	0.67	< 0.005	0.07	0.07	—	9.76	9.76	< 0.005	< 0.005	0.01	10.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.6	57.6	< 0.005	< 0.005	—	57.8
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.70
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.98	0.96	0.88	11.2	0.00	0.00	16.2	16.2	0.00	3.99	3.99	—	3,498	3,498	0.06	0.03	0.23	3,509
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.01	0.76	0.54	< 0.005	0.01	0.44	0.44	0.01	0.11	0.12	—	510	510	0.07	0.08	0.02	536
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.10	1.41	0.00	0.00	2.07	2.07	0.00	0.51	0.51	—	460	460	0.01	< 0.005	0.50	462
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	66.8	66.8	0.01	0.01	0.05	70.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.38	0.38	0.00	0.09	0.09	—	76.2	76.2	< 0.005	< 0.005	0.08	76.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6

3.17. Sitework (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.14	0.70	7.44	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.14	0.70	7.44	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.27	2.87	0.01	0.01	—	0.01	0.01	—	0.01	—	552	552	0.02	< 0.005	—	554
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.52	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.4	91.4	< 0.005	< 0.005	—	91.7
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	97.2	97.2	< 0.005	< 0.005	0.23	97.8
Vendor	0.03	0.01	0.28	0.18	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.05	—	215	215	0.02	0.03	0.43	225
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.29	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	91.9	91.9	< 0.005	< 0.005	0.01	92.2
Vendor	0.03	0.01	0.29	0.19	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.05	—	215	215	0.02	0.03	0.01	225
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	35.6	35.6	< 0.005	< 0.005	0.04	35.8
Vendor	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	83.1	83.1	0.01	0.01	0.07	87.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	5.90	5.90	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.01	14.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Sitework (2028) - Mitigated

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

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

Off-Road Equipment	0.14	0.14	0.70	7.44	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.14	0.70	7.44	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	1.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.27	2.87	0.01	0.01	—	0.01	0.01	—	0.01	—	552	552	0.02	< 0.005	—	554
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.52	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.4	91.4	< 0.005	< 0.005	—	91.7

Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	97.2	97.2	< 0.005	< 0.005	0.23	97.8
Vendor	0.03	0.01	0.28	0.18	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.05	—	215	215	0.02	0.03	0.43	225
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.29	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	91.9	91.9	< 0.005	< 0.005	0.01	92.2
Vendor	0.03	0.01	0.29	0.19	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.05	—	215	215	0.02	0.03	0.01	225
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	35.6	35.6	< 0.005	< 0.005	0.04	35.8
Vendor	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	83.1	83.1	0.01	0.01	0.07	87.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	5.90	5.90	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.01	14.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Interior Buildout (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.24	3.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	486	486	0.02	< 0.005	—	488
Architectural Coatings	—	12.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.23	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.4	80.4	< 0.005	< 0.005	—	80.7
Architectural Coatings	—	2.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.84	0.82	0.57	10.3	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	3,013	3,013	0.04	0.03	8.03	3,030
Vendor	0.06	0.02	0.59	0.38	< 0.005	0.01	0.41	0.42	< 0.005	0.11	0.11	—	442	442	0.04	0.06	0.97	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.84	0.81	0.71	9.55	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,848	2,848	0.06	0.03	0.21	2,857
Vendor	0.06	0.01	0.61	0.38	< 0.005	0.01	0.41	0.42	< 0.005	0.11	0.11	—	442	442	0.04	0.06	0.02	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.51	0.45	5.93	0.00	0.00	8.18	8.18	0.00	2.01	2.01	—	1,850	1,850	0.03	0.02	2.25	1,858
Vendor	0.04	0.01	0.39	0.25	< 0.005	< 0.005	0.26	0.26	< 0.005	0.07	0.07	—	286	286	0.03	0.04	0.27	299
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.08	0.00	0.00	1.49	1.49	0.00	0.37	0.37	—	306	306	0.01	< 0.005	0.37	308
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	47.4	47.4	< 0.005	0.01	0.04	49.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Interior Buildout (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.24	3.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	486	486	0.02	< 0.005	—	488
Architectural Coatings	—	12.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.23	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	80.4	80.4	< 0.005	< 0.005	—	80.7
Architectural Coatings	—	2.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.84	0.82	0.57	10.3	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	3,013	3,013	0.04	0.03	8.03	3,030
Vendor	0.06	0.02	0.59	0.38	< 0.005	0.01	0.41	0.42	< 0.005	0.11	0.11	—	442	442	0.04	0.06	0.97	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.84	0.81	0.71	9.55	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,848	2,848	0.06	0.03	0.21	2,857
Vendor	0.06	0.01	0.61	0.38	< 0.005	0.01	0.41	0.42	< 0.005	0.11	0.11	—	442	442	0.04	0.06	0.02	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.51	0.45	5.93	0.00	0.00	8.18	8.18	0.00	2.01	2.01	—	1,850	1,850	0.03	0.02	2.25	1,858
Vendor	0.04	0.01	0.39	0.25	< 0.005	< 0.005	0.26	0.26	< 0.005	0.07	0.07	—	286	286	0.03	0.04	0.27	299
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.08	0.00	0.00	1.49	1.49	0.00	0.37	0.37	—	306	306	0.01	< 0.005	0.37	308
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	47.4	47.4	< 0.005	0.01	0.04	49.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Interior Buildout (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.39	1.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	154	154	0.01	< 0.005	—	155
Architectural Coatings	—	4.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.5	25.5	< 0.005	< 0.005	—	25.6
Architectural Coatings	—	0.73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.77	0.56	9.65	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,961	2,961	0.04	0.03	7.03	2,977
Vendor	0.06	0.01	0.55	0.37	< 0.005	< 0.005	0.41	0.41	< 0.005	0.11	0.11	—	430	430	0.04	0.06	0.87	451
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.77	0.70	8.97	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,799	2,799	0.05	0.03	0.18	2,808
Vendor	0.05	0.01	0.58	0.37	< 0.005	< 0.005	0.41	0.41	< 0.005	0.11	0.11	—	430	430	0.04	0.06	0.02	450
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.15	0.12	1.77	0.00	0.00	2.59	2.59	0.00	0.64	0.64	—	577	577	0.01	0.01	0.62	579
Vendor	0.01	< 0.005	0.12	0.08	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	88.4	88.4	0.01	0.01	0.08	92.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.47	0.47	0.00	0.12	0.12	—	95.5	95.5	< 0.005	< 0.005	0.10	95.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.01	15.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Interior Buildout (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.92	5.25	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	—	753
Architectural Coatings	—	19.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.39	1.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	154	154	0.01	< 0.005	—	155
Architectural Coatings	—	4.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.5	25.5	< 0.005	< 0.005	—	25.6
Architectural Coatings	—	0.73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.77	0.56	9.65	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,961	2,961	0.04	0.03	7.03	2,977
Vendor	0.06	0.01	0.55	0.37	< 0.005	< 0.005	0.41	0.41	< 0.005	0.11	0.11	—	430	430	0.04	0.06	0.87	451
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.79	0.77	0.70	8.97	0.00	0.00	13.0	13.0	0.00	3.19	3.19	—	2,799	2,799	0.05	0.03	0.18	2,808
Vendor	0.05	0.01	0.58	0.37	< 0.005	< 0.005	0.41	0.41	< 0.005	0.11	0.11	—	430	430	0.04	0.06	0.02	450
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.15	0.12	1.77	0.00	0.00	2.59	2.59	0.00	0.64	0.64	—	577	577	0.01	0.01	0.62	579
Vendor	0.01	< 0.005	0.12	0.08	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	88.4	88.4	0.01	0.01	0.08	92.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.47	0.47	0.00	0.12	0.12	—	95.5	95.5	< 0.005	< 0.005	0.10	95.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.01	15.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Startup/Inspections (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	88.7	88.7	< 0.005	< 0.005	—	89.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.7	14.7	< 0.005	< 0.005	—	14.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.72	0.53	9.08	0.00	0.00	12.2	12.2	0.00	3.00	3.00	—	2,785	2,785	0.04	0.02	6.62	2,800
Vendor	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	108	108	0.01	0.02	0.22	113
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.72	0.66	8.44	0.00	0.00	12.2	12.2	0.00	3.00	3.00	—	2,632	2,632	0.05	0.02	0.17	2,641
Vendor	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	108	108	0.01	0.02	0.01	112
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.34	0.33	0.26	3.77	0.00	0.00	5.53	5.53	0.00	1.36	1.36	—	1,230	1,230	0.02	0.01	1.33	1,235
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	50.1	50.1	< 0.005	0.01	0.04	52.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.69	0.00	0.00	1.01	1.01	0.00	0.25	0.25	—	204	204	< 0.005	< 0.005	0.22	204
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	8.30	8.30	< 0.005	< 0.005	0.01	8.68
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Startup/Inspections (2028) - Mitigated

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

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

Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.09	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	191	191	0.01	< 0.005	—	191
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	88.7	88.7	< 0.005	< 0.005	—	89.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.7	14.7	< 0.005	< 0.005	—	14.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.72	0.53	9.08	0.00	0.00	12.2	12.2	0.00	3.00	3.00	—	2,785	2,785	0.04	0.02	6.62	2,800
Vendor	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	108	108	0.01	0.02	0.22	113
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.72	0.66	8.44	0.00	0.00	12.2	12.2	0.00	3.00	3.00	—	2,632	2,632	0.05	0.02	0.17	2,641

Vendor	0.01	< 0.005	0.14	0.09	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	108	108	0.01	0.02	0.01	112
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.34	0.33	0.26	3.77	0.00	0.00	5.53	5.53	0.00	1.36	1.36	—	1,230	1,230	0.02	0.01	1.33	1,235
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	50.1	50.1	< 0.005	0.01	0.04	52.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.69	0.00	0.00	1.01	1.01	0.00	0.25	0.25	—	204	204	< 0.005	< 0.005	0.22	204
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	8.30	8.30	< 0.005	< 0.005	0.01	8.68
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Decommissioning (2057) - Unmitigated

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

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

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

3.26. Decommissioning (2057) - Mitigated

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

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

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	15.4	13.8	11.6	160	0.51	0.24	50.2	50.5	0.23	12.7	13.0	—	51,637	51,637	1.45	1.50	124	52,244
High Turnover (Sit Down Restaurant)	0.36	0.32	0.27	3.69	0.01	0.01	1.16	1.16	0.01	0.29	0.30	—	1,191	1,191	0.03	0.03	2.86	1,205
General Office Building	0.32	0.29	0.24	3.30	0.01	0.01	1.04	1.04	< 0.005	0.26	0.27	—	1,065	1,065	0.03	0.03	2.56	1,078
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.37	0.34	0.28	3.88	0.01	0.01	1.22	1.23	0.01	0.31	0.31	—	1,253	1,253	0.04	0.04	3.01	1,268
Total	16.5	14.8	12.4	171	0.54	0.26	53.7	53.9	0.24	13.6	13.8	—	55,146	55,146	1.54	1.60	132	55,794
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Researc & Development	15.2	13.6	13.7	150	0.49	0.24	50.2	50.5	0.23	12.7	13.0	—	49,348	49,348	1.55	1.65	3.21	49,881
High Turnover (Sit Down Restaurant)	0.35	0.31	0.32	3.46	0.01	0.01	1.16	1.16	0.01	0.29	0.30	—	1,138	1,138	0.04	0.04	0.07	1,150
General Office Building	0.31	0.28	0.28	3.09	0.01	0.01	1.04	1.04	< 0.005	0.26	0.27	—	1,018	1,018	0.03	0.03	0.07	1,029
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.37	0.33	0.33	3.64	0.01	0.01	1.22	1.23	0.01	0.31	0.31	—	1,198	1,198	0.04	0.04	0.08	1,211
Total	16.3	14.6	14.7	160	0.52	0.26	53.7	53.9	0.24	13.6	13.8	—	52,702	52,702	1.66	1.76	3.43	53,271
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Researc h & Development	1.96	1.75	1.69	19.1	0.06	0.03	6.39	6.42	0.03	1.62	1.65	—	5,851	5,851	0.18	0.19	6.33	5,917
High Turnover (Sit Down Restaurant)	0.05	0.04	0.04	0.44	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	135	135	< 0.005	< 0.005	0.15	136
General Office Building	0.04	0.04	0.03	0.39	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	121	121	< 0.005	< 0.005	0.13	122
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.05	0.04	0.04	0.46	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.04	—	142	142	< 0.005	< 0.005	0.15	144
Total	2.10	1.87	1.80	20.4	0.07	0.03	6.82	6.86	0.03	1.73	1.76	—	6,248	6,248	0.19	0.20	6.76	6,320

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	15.4	13.8	11.6	160	0.51	0.24	50.2	50.5	0.23	12.7	13.0	—	51,637	51,637	1.45	1.50	124	52,244
High Turnover (Sit Down Restaurant)	0.36	0.32	0.27	3.69	0.01	0.01	1.16	1.16	0.01	0.29	0.30	—	1,191	1,191	0.03	0.03	2.86	1,205
General Office Building	0.32	0.29	0.24	3.30	0.01	0.01	1.04	1.04	< 0.005	0.26	0.27	—	1,065	1,065	0.03	0.03	2.56	1,078
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.37	0.34	0.28	3.88	0.01	0.01	1.22	1.23	0.01	0.31	0.31	—	1,253	1,253	0.04	0.04	3.01	1,268
Total	16.5	14.8	12.4	171	0.54	0.26	53.7	53.9	0.24	13.6	13.8	—	55,146	55,146	1.54	1.60	132	55,794

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	15.2	13.6	13.7	150	0.49	0.24	50.2	50.5	0.23	12.7	13.0	—	49,348	49,348	1.55	1.65	3.21	49,881
High Turnover (Sit Down Restaurant)	0.35	0.31	0.32	3.46	0.01	0.01	1.16	1.16	0.01	0.29	0.30	—	1,138	1,138	0.04	0.04	0.07	1,150
General Office Building	0.31	0.28	0.28	3.09	0.01	0.01	1.04	1.04	< 0.005	0.26	0.27	—	1,018	1,018	0.03	0.03	0.07	1,029
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.37	0.33	0.33	3.64	0.01	0.01	1.22	1.23	0.01	0.31	0.31	—	1,198	1,198	0.04	0.04	0.08	1,211
Total	16.3	14.6	14.7	160	0.52	0.26	53.7	53.9	0.24	13.6	13.8	—	52,702	52,702	1.66	1.76	3.43	53,271
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	1.96	1.75	1.69	19.1	0.06	0.03	6.39	6.42	0.03	1.62	1.65	—	5,851	5,851	0.18	0.19	6.33	5,917
High Turnover (Sit Down Restaurant)	0.05	0.04	0.04	0.44	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	135	135	< 0.005	< 0.005	0.15	136
General Office Building	0.04	0.04	0.03	0.39	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	121	121	< 0.005	< 0.005	0.13	122

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.05	0.04	0.04	0.46	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.04	—	142	142	< 0.005	< 0.005	0.15	144
Total	2.10	1.87	1.80	20.4	0.07	0.03	6.82	6.86	0.03	1.73	1.76	—	6,248	6,248	0.19	0.20	6.76	6,320

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

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

Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	18.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	2.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	10.3	9.52	0.49	58.0	< 0.005	0.10	—	0.10	0.08	—	0.08	—	238	238	0.01	< 0.005	—	239
Total	10.3	31.0	0.49	58.0	< 0.005	0.10	—	0.10	0.08	—	0.08	—	238	238	0.01	< 0.005	—	239
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	18.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	2.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	21.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	3.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipme	0.93	0.86	0.04	5.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.5	19.5	< 0.005	< 0.005	—	19.5
Total	0.93	4.77	0.04	5.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.5	19.5	< 0.005	< 0.005	—	19.5

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	18.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	3.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	—	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	3.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	< 0.005	—	0.87
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.18	0.00	0.18	0.02	< 0.005	—	0.78
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.21	0.00	0.21	0.02	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	< 0.005	—	0.87
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.18	0.00	0.18	0.02	< 0.005	—	0.78
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.21	0.00	0.21	0.02	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.03	0.00	0.03	< 0.005	< 0.005	—	0.14
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.03	0.00	0.03	< 0.005	< 0.005	—	0.13

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.15
Total	—	—	—	—	—	—	—	—	—	—	—	1.56	0.00	1.56	0.16	< 0.005	—	6.69

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	< 0.005	—	0.87
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.18	0.00	0.18	0.02	< 0.005	—	0.78
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Health Club	—	—	—	—	—	—	—	—	—	—	—	0.21	0.00	0.21	0.02	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	8.82	0.00	8.82	0.90	0.02	—	37.8
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	< 0.005	—	0.87
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.18	0.00	0.18	0.02	< 0.005	—	0.78
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.21	0.00	0.21	0.02	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	9.42	0.00	9.42	0.97	0.02	—	40.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	1.46	0.00	1.46	0.15	< 0.005	—	6.27
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.03	0.00	0.03	< 0.005	< 0.005	—	0.14

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.03	0.00	0.03	< 0.005	< 0.005	—	0.13
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	< 0.005	—	0.15
Total	—	—	—	—	—	—	—	—	—	—	—	1.56	0.00	1.56	0.16	< 0.005	—	6.69

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	351	0.00	351	35.1	0.00	—	1,227
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	9.11	0.00	9.11	0.91	0.00	—	31.9
General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.15	0.00	8.15	0.81	0.00	—	28.5

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	8.19	0.00	8.19	0.82	0.00	—	28.7
Total	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	351	0.00	351	35.1	0.00	—	1,227
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	9.11	0.00	9.11	0.91	0.00	—	31.9
General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.15	0.00	8.15	0.81	0.00	—	28.5
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	8.19	0.00	8.19	0.82	0.00	—	28.7
Total	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Research & Development	—	—	—	—	—	—	—	—	—	—	—	58.1	0.00	58.1	5.81	0.00	—	203
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	1.51	0.00	1.51	0.15	0.00	—	5.28
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.35	0.00	1.35	0.13	0.00	—	4.72
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.75
Total	—	—	—	—	—	—	—	—	—	—	—	62.3	0.00	62.3	6.23	0.00	—	218

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	351	0.00	351	35.1	0.00	—	1,227

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	9.11	0.00	9.11	0.91	0.00	—	31.9
General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.15	0.00	8.15	0.81	0.00	—	28.5
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	8.19	0.00	8.19	0.82	0.00	—	28.7
Total	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	351	0.00	351	35.1	0.00	—	1,227
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	9.11	0.00	9.11	0.91	0.00	—	31.9
General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.15	0.00	8.15	0.81	0.00	—	28.5
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Health Club	—	—	—	—	—	—	—	—	—	—	—	8.19	0.00	8.19	0.82	0.00	—	28.7
Total	—	—	—	—	—	—	—	—	—	—	—	376	0.00	376	37.6	0.00	—	1,317
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	58.1	0.00	58.1	5.81	0.00	—	203
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	1.51	0.00	1.51	0.15	0.00	—	5.28
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.35	0.00	1.35	0.13	0.00	—	4.72
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.75
Total	—	—	—	—	—	—	—	—	—	—	—	62.3	0.00	62.3	6.23	0.00	—	218

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.1	21.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.7	29.7
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.1	21.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.7	29.7
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.49	3.49

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.92	4.92
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.43	8.43

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.1	21.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.7	29.7
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.1	21.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.7	29.7
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.9	50.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Research & Development	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.49	3.49
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.92	4.92
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.43	8.43

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Total	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461

4.8.2. Mitigated

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

Equipment	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Total	7.25	6.60	18.5	16.8	0.03	0.97	0.00	0.97	0.97	0.00	0.97	0.00	3,377	3,377	0.14	0.03	0.00	3,389
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461
Total	1.09	0.99	2.77	2.53	< 0.005	0.15	0.00	0.15	0.15	0.00	0.15	0.00	460	460	0.02	< 0.005	0.00	461

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52

Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2

Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25

Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97

Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Fremont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.39	-0.39	—	—	—	-0.39
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.40	-1.40	—	—	—	-1.40
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.47	-0.47	—	—	—	-0.47
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.04	-0.04	—	—	—	-0.04
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.34	-0.34	—	—	—	-0.34

Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.03	-0.03	—	—	—	-0.03
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.72	-0.72	—	—	—	-0.72
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.15	-1.15	—	—	—	-1.15
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.78	-0.78	—	—	—	-0.78
Subtotal	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.32	-6.32	—	—	—	-6.32
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-0.93	-0.93	—	—	—	-0.93
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-1.29	-1.29	—	—	—	-1.29
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-0.29	-0.29	—	—	—	-0.29
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-2.03	-2.03	—	—	—	-2.03
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-1.14	-1.14	—	—	—	-1.14
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-1.00	-1.00	—	—	—	-1.00
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-0.69	-0.69	—	—	—	-0.69

Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-0.33	-0.33	—	—	—	-0.33
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-6.78	-6.78	—	—	—	-6.78
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-2.72	-2.72	—	—	—	-2.72
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-1.85	-1.85	—	—	—	-1.85
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-2.26	-2.26	—	—	—	-2.26
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-21.5	-21.5	—	—	—	-21.5
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43

Snowbru ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Europea n Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawber ry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3

Snowbrush	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Snowbrush	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.34	-2.34	—	—	—	-2.34
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.02	-1.02	—	—	—	-1.02

Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.27	-1.27	—	—	—	-1.27
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-8.43	-8.43	—	—	—	-8.43
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.03	-1.03	—	—	—	-1.03
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.84	-2.84	—	—	—	-2.84
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-2.06	-2.06	—	—	—	-2.06
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.25	-1.25	—	—	—	-1.25
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-4.34	-4.34	—	—	—	-4.34
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.96	-6.96	—	—	—	-6.96
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.52	-1.52	—	—	—	-1.52
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-4.70	-4.70	—	—	—	-4.70
Subtotal	—	-0.02	> -0.005	—	-0.01	-0.02	-0.02	-0.04	-0.01	-0.01	-0.01	—	-38.2	-38.2	—	—	—	-38.2
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-5.61	-5.61	—	—	—	-5.61
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-7.77	-7.77	—	—	—	-7.77

Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-1.73	-1.73	—	—	—	-1.73
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-12.3	-12.3	—	—	—	-12.3
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-6.90	-6.90	—	—	—	-6.90
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-6.01	-6.01	—	—	—	-6.01
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.76	-0.76	—	—	—	-0.76
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-4.14	-4.14	—	—	—	-4.14
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.78	-0.78	—	—	—	-0.78
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-1.97	-1.97	—	—	—	-1.97
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-40.9	-40.9	—	—	—	-40.9
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-16.4	-16.4	—	—	—	-16.4
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-11.2	-11.2	—	—	—	-11.2
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-13.6	-13.6	—	—	—	-13.6
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-130	-130	—	—	—	-130
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—

Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	-0.02	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.06	—	-0.01	-0.01	-0.01	-0.02	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	-0.02	-0.07	—	-0.02	-0.03	-0.03	-0.06	-0.01	-0.01	-0.02	—	-168	-168	—	—	—	-168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Vine Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.39	-0.39	—	—	—	-0.39
Big Leaf Maple	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Cyprus Strawberry	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Strawberry Tree	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.40	-1.40	—	—	—	-1.40
Snowbrush ceanothus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.17	-0.17	—	—	—	-0.17
Ca redbud	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.47	-0.47	—	—	—	-0.47
Monterey Cyprus	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.04	-0.04	—	—	—	-0.04
Ca Sycamore	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.34	-0.34	—	—	—	-0.34
Ca Laurel	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.03	-0.03	—	—	—	-0.03
European Olive	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.21	-0.21	—	—	—	-0.21
Fremont Cottonwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.72	-0.72	—	—	—	-0.72
Ca Live Oak	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-1.15	-1.15	—	—	—	-1.15
Red Willow	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.25	-0.25	—	—	—	-0.25
Coast Redwood	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	-0.78	-0.78	—	—	—	-0.78
Subtotal	—	> -0.005	> -0.005	—	> -0.005	> -0.005	> -0.005	-0.01	> -0.005	> -0.005	> -0.005	—	-6.32	-6.32	—	—	—	-6.32
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Vine Maple	—	—	—	—	—	—	—	—	—	—	—	—	-0.93	-0.93	—	—	—	-0.93
Big Leaf Maple	—	—	—	—	—	—	—	—	—	—	—	—	-1.29	-1.29	—	—	—	-1.29
Cyprus Strawberry	—	—	—	—	—	—	—	—	—	—	—	—	-0.29	-0.29	—	—	—	-0.29
Strawberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	-2.03	-2.03	—	—	—	-2.03
Snowbrush ceanothus	—	—	—	—	—	—	—	—	—	—	—	—	-1.14	-1.14	—	—	—	-1.14
Ca redbud	—	—	—	—	—	—	—	—	—	—	—	—	-1.00	-1.00	—	—	—	-1.00
Monterey Cyprus	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
Ca Sycamore	—	—	—	—	—	—	—	—	—	—	—	—	-0.69	-0.69	—	—	—	-0.69
Ca Laurel	—	—	—	—	—	—	—	—	—	—	—	—	-0.13	-0.13	—	—	—	-0.13
European Olive	—	—	—	—	—	—	—	—	—	—	—	—	-0.33	-0.33	—	—	—	-0.33
Fremont Cottonwood	—	—	—	—	—	—	—	—	—	—	—	—	-6.78	-6.78	—	—	—	-6.78
Ca Live Oak	—	—	—	—	—	—	—	—	—	—	—	—	-2.72	-2.72	—	—	—	-2.72
Red Willow	—	—	—	—	—	—	—	—	—	—	—	—	-1.85	-1.85	—	—	—	-1.85
Coast Redwood	—	—	—	—	—	—	—	—	—	—	—	—	-2.26	-2.26	—	—	—	-2.26
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-21.5	-21.5	—	—	—	-21.5
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Vine Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Big Leaf Maple	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Cyprus Strawberry	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Strawberry Tree	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Snowbrush ceanothus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca redbud	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Monterey Cyprus	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Sycamore	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Laurel	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
European Olive	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Fremont Cottonwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Ca Live Oak	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Red Willow	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Coast Redwood	—	—	> -0.005	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
Subtotal	—	—	-0.01	—	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	> -0.005	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	> -0.005	-0.01	—	> -0.005	-0.01	-0.01	-0.01	> -0.005	> -0.005	> -0.005	—	-27.9	-27.9	—	—	—	-27.9

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building & Demo/Abatement	Demolition	1/1/2026	3/1/2026	5.00	42.0	—
Rough Grading/Site Demo	Grading	3/2/2026	4/16/2026	5.00	34.0	—
Deep Foundations	Building Construction	3/16/2026	9/10/2026	5.00	129	—
Foundations	Building Construction	7/24/2026	11/17/2026	5.00	83.0	—
Superstructure	Building Construction	10/16/2026	10/26/2027	5.00	268	—
Building Enclosure	Building Construction	8/19/2027	3/7/2028	5.00	144	—
Sitework	Paving	2/14/2028	8/28/2028	5.00	141	—
Interior Buildout	Architectural Coating	2/4/2027	4/14/2028	5.00	312	—
Startup/Inspections	Architectural Coating	2/7/2028	10/1/2028	5.00	170	—
Decommissioning	Trenching	1/1/2057	9/7/2057	5.00	180	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building & Demo/Abatement	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building & Demo/Abatement	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building & Demo/Abatement	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38

Building & Demo/Abatement	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Rough Grading/Site Demo	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Rough Grading/Site Demo	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Rough Grading/Site Demo	Excavators	Diesel	Tier 4 Final	4.00	8.00	36.0	0.38
Rough Grading/Site Demo	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Deep Foundations	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Deep Foundations	Pumps	Diesel	Tier 4 Final	3.00	12.0	11.0	0.74
Deep Foundations	Forklifts	Diesel	Tier 4 Final	2.00	12.0	82.0	0.20
Deep Foundations	Bore/Drill Rigs	Diesel	Tier 3	2.00	12.0	83.0	0.50
Foundations	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Foundations	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Foundations	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Superstructure	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Superstructure	Welders	Diesel	Tier 4 Final	8.00	8.00	46.0	0.45
Superstructure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Superstructure	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Superstructure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Building Enclosure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Building Enclosure	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Enclosure	Other Construction Equipment	Diesel	Tier 4 Final	4.00	8.00	82.0	0.42
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	8.00	8.00	46.0	0.31
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Sitework	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74

Sitework	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Sitework	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Electric	Tier 4 Final	20.0	8.00	46.0	0.31
Interior Buildout	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Diesel	Tier 4 Final	2.00	10.0	46.0	0.31
Startup/Inspections	Aerial Lifts	Electric	Tier 4 Final	4.00	8.00	46.0	0.31
Startup/Inspections	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building & Demo/Abatement	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building & Demo/Abatement	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building & Demo/Abatement	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Building & Demo/Abatement	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Rough Grading/Site Demo	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Rough Grading/Site Demo	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Rough Grading/Site Demo	Excavators	Diesel	Tier 4 Final	4.00	8.00	36.0	0.38
Rough Grading/Site Demo	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Deep Foundations	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Deep Foundations	Pumps	Diesel	Tier 4 Final	3.00	12.0	11.0	0.74
Deep Foundations	Forklifts	Diesel	Tier 4 Final	2.00	12.0	82.0	0.20

Deep Foundations	Bore/Drill Rigs	Diesel	Tier 3	2.00	12.0	83.0	0.50
Foundations	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Foundations	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Foundations	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Superstructure	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Superstructure	Welders	Diesel	Tier 4 Final	8.00	8.00	46.0	0.45
Superstructure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Superstructure	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Superstructure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Building Enclosure	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Building Enclosure	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Enclosure	Other Construction Equipment	Diesel	Tier 4 Final	4.00	8.00	82.0	0.42
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	8.00	8.00	46.0	0.31
Building Enclosure	Aerial Lifts	Electric	Tier 4 Final	2.00	10.0	46.0	0.31
Sitework	Pumps	Diesel	Tier 4 Final	3.00	10.0	11.0	0.74
Sitework	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Sitework	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Electric	Tier 4 Final	20.0	8.00	46.0	0.31
Interior Buildout	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Interior Buildout	Aerial Lifts	Diesel	Tier 4 Final	2.00	10.0	46.0	0.31
Startup/Inspections	Aerial Lifts	Electric	Tier 4 Final	4.00	8.00	46.0	0.31
Startup/Inspections	Forklifts	Diesel	Tier 4 Final	1.00	10.0	82.0	0.20

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix

Building & Demo/Abatement	—	—	—	—
Building & Demo/Abatement	Worker	17.5	11.7	LDA,LDT1,LDT2
Building & Demo/Abatement	Vendor	0.00	8.40	HHDT,MHDT
Building & Demo/Abatement	Hauling	148	20.0	HHDT
Building & Demo/Abatement	Onsite truck	2.00	10.0	HHDT
Rough Grading/Site Demo	—	—	—	—
Rough Grading/Site Demo	Worker	25.0	11.7	LDA,LDT1,LDT2
Rough Grading/Site Demo	Vendor	0.00	8.40	HHDT,MHDT
Rough Grading/Site Demo	Hauling	230	20.0	HHDT
Rough Grading/Site Demo	Onsite truck	2.00	10.0	HHDT
Deep Foundations	—	—	—	—
Deep Foundations	Worker	476	11.7	LDA,LDT1,LDT2
Deep Foundations	Vendor	31.0	8.40	HHDT,MHDT
Deep Foundations	Hauling	24.0	20.0	HHDT
Deep Foundations	Onsite truck	2.00	10.0	HHDT
Foundations	—	—	—	—
Foundations	Worker	476	11.7	LDA,LDT1,LDT2
Foundations	Vendor	124	8.40	HHDT,MHDT
Foundations	Hauling	0.00	20.0	HHDT
Foundations	Onsite truck	2.00	10.0	HHDT
Superstructure	—	—	—	—
Superstructure	Worker	476	11.7	LDA,LDT1,LDT2
Superstructure	Vendor	46.0	8.40	HHDT,MHDT
Superstructure	Hauling	5.00	20.0	HHDT
Superstructure	Onsite truck	2.00	10.0	HHDT
Building Enclosure	—	—	—	—
Building Enclosure	Worker	476	11.7	LDA,LDT1,LDT2

Building Enclosure	Vendor	0.00	8.40	HHDT,MHDT
Building Enclosure	Hauling	7.00	20.0	HHDT
Building Enclosure	Onsite truck	2.00	10.0	HHDT
Sitework	—	—	—	—
Sitework	Worker	12.5	11.7	LDA,LDT1,LDT2
Sitework	Vendor	8.00	8.40	HHDT,MHDT
Sitework	Hauling	0.00	20.0	HHDT
Sitework	Onsite truck	0.00	10.0	HHDT
Interior Buildout	—	—	—	—
Interior Buildout	Worker	381	11.7	LDA,LDT1,LDT2
Interior Buildout	Vendor	16.0	8.40	HHDT,MHDT
Interior Buildout	Hauling	0.00	20.0	HHDT
Interior Buildout	Onsite truck	0.00	10.0	HHDT
Startup/Inspections	—	—	—	—
Startup/Inspections	Worker	358	11.7	LDA,LDT1,LDT2
Startup/Inspections	Vendor	4.00	8.40	HHDT,MHDT
Startup/Inspections	Hauling	0.00	20.0	HHDT
Startup/Inspections	Onsite truck	0.00	10.0	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building & Demo/Abatement	—	—	—	—
Building & Demo/Abatement	Worker	17.5	11.7	LDA,LDT1,LDT2
Building & Demo/Abatement	Vendor	0.00	8.40	HHDT,MHDT
Building & Demo/Abatement	Hauling	148	20.0	HHDT
Building & Demo/Abatement	Onsite truck	2.00	10.0	HHDT
Rough Grading/Site Demo	—	—	—	—

Rough Grading/Site Demo	Worker	25.0	11.7	LDA,LDT1,LDT2
Rough Grading/Site Demo	Vendor	0.00	8.40	HHDT,MHDT
Rough Grading/Site Demo	Hauling	230	20.0	HHDT
Rough Grading/Site Demo	Onsite truck	2.00	10.0	HHDT
Deep Foundations	—	—	—	—
Deep Foundations	Worker	476	11.7	LDA,LDT1,LDT2
Deep Foundations	Vendor	31.0	8.40	HHDT,MHDT
Deep Foundations	Hauling	24.0	20.0	HHDT
Deep Foundations	Onsite truck	2.00	10.0	HHDT
Foundations	—	—	—	—
Foundations	Worker	476	11.7	LDA,LDT1,LDT2
Foundations	Vendor	124	8.40	HHDT,MHDT
Foundations	Hauling	0.00	20.0	HHDT
Foundations	Onsite truck	2.00	10.0	HHDT
Superstructure	—	—	—	—
Superstructure	Worker	476	11.7	LDA,LDT1,LDT2
Superstructure	Vendor	46.0	8.40	HHDT,MHDT
Superstructure	Hauling	5.00	20.0	HHDT
Superstructure	Onsite truck	2.00	10.0	HHDT
Building Enclosure	—	—	—	—
Building Enclosure	Worker	476	11.7	LDA,LDT1,LDT2
Building Enclosure	Vendor	0.00	8.40	HHDT,MHDT
Building Enclosure	Hauling	7.00	20.0	HHDT
Building Enclosure	Onsite truck	2.00	10.0	HHDT
Sitework	—	—	—	—
Sitework	Worker	12.5	11.7	LDA,LDT1,LDT2
Sitework	Vendor	8.00	8.40	HHDT,MHDT

Sitework	Hauling	0.00	20.0	HHDT
Sitework	Onsite truck	0.00	10.0	HHDT
Interior Buildout	—	—	—	—
Interior Buildout	Worker	381	11.7	LDA,LDT1,LDT2
Interior Buildout	Vendor	16.0	8.40	HHDT,MHDT
Interior Buildout	Hauling	0.00	20.0	HHDT
Interior Buildout	Onsite truck	0.00	10.0	HHDT
Startup/Inspections	—	—	—	—
Startup/Inspections	Worker	358	11.7	LDA,LDT1,LDT2
Startup/Inspections	Vendor	4.00	8.40	HHDT,MHDT
Startup/Inspections	Hauling	0.00	20.0	HHDT
Startup/Inspections	Onsite truck	0.00	10.0	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Interior Buildout	0.00	0.00	867,661	286,288	18,540

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Rough Grading/Site Demo	850,000	0.00	68.0	243,322	—

Sitework	0.00	0.00	35.3	0.00	70.5

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Research & Development	0.00	0%
High Turnover (Sit Down Restaurant)	0.00	0%
General Office Building	0.00	0%
Enclosed Parking with Elevator	70.5	100%
Parking Lot	0.00	0%
Health Club	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	2,392,000	100.0	0.03	< 0.005
2027	2,392,000	100.0	0.03	< 0.005
2028	2,392,000	100.0	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Research & Development	4,889	0.00	0.00	1,274,513	71,373	0.00	0.00	18,607,897

High Turnover (Sit Down Restaurant)	113	0.00	0.00	29,388	1,646	0.00	0.00	429,066
General Office Building	101	0.00	0.00	26,295	1,472	0.00	0.00	383,901
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	119	0.00	0.00	30,935	1,732	0.00	0.00	451,648

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Research & Development	4,889	0.00	0.00	1,274,513	71,373	0.00	0.00	18,607,897
High Turnover (Sit Down Restaurant)	113	0.00	0.00	29,388	1,646	0.00	0.00	429,066
General Office Building	101	0.00	0.00	26,295	1,472	0.00	0.00	383,901
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	119	0.00	0.00	30,935	1,732	0.00	0.00	451,648

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,340,387	442,265	28,640

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Research & Development	28,474,357	0.00	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	656,569	0.00	0.0000	0.0000	0.00
General Office Building	587,456	0.00	0.0000	0.0000	0.00
Enclosed Parking with Elevator	1,672,344	0.00	0.0000	0.0000	0.00
Parking Lot	21,292	0.00	0.0000	0.0000	0.00
Health Club	691,125	0.00	0.0000	0.0000	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Research & Development	28,474,357	0.00	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	656,569	0.00	0.0000	0.0000	0.00
General Office Building	587,456	0.00	0.0000	0.0000	0.00
Enclosed Parking with Elevator	1,672,344	0.00	0.0000	0.0000	0.00
Parking Lot	21,292	0.00	0.0000	0.0000	0.00
Health Club	691,125	0.00	0.0000	0.0000	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Research & Development	4,604,307	944,097
High Turnover (Sit Down Restaurant)	106,167	21,769
General Office Building	94,992	19,478
Enclosed Parking with Elevator	0.00	0.00
Parking Lot	0.00	0.00
Health Club	111,755	22,915

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Research & Development	4,604,307	944,097
High Turnover (Sit Down Restaurant)	106,167	21,769
General Office Building	94,992	19,478

Enclosed Parking with Elevator	0.00	0.00
Parking Lot	0.00	0.00
Health Club	111,755	22,915

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Research & Development	651	—
High Turnover (Sit Down Restaurant)	16.9	—
General Office Building	15.1	—
Enclosed Parking with Elevator	0.00	—
Parking Lot	0.00	—
Health Club	15.2	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Research & Development	651	—
High Turnover (Sit Down Restaurant)	16.9	—
General Office Building	15.1	—
Enclosed Parking with Elevator	0.00	—
Parking Lot	0.00	—
Health Club	15.2	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Research & Development	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Research & Development	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Research & Development	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Research & Development	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.15.2. Mitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	12.0	0.50	150	671	0.73

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
Vine Maple	25.0	34,890	113
Big Leaf Maple	10.0	15,189	49.0
Cyprus Strawberry	8.50	15,729	77.8

Strawberry Tree	42.0	77,721	385
Snowbrush ceanothus	27.0	13,666	58.8
Ca redbud	28.5	42,277	137
Monterey Cyprus	4.00	3,547	12.8
Strawberry Tree	14.5	26,832	133
Ca Sycamore	12.5	13,499	43.4
Ca Laurel	1.00	2,094	10.5
European Olive	7.00	15,413	77.1
Ca Sycamore	16.0	17,279	55.5
Fremont Cottonwood	41.5	64,563	209
Ca Live Oak	49.5	87,068	422
Red Willow	17.0	22,636	73.0
Coast Redwood	27.0	57,793	291

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
Vine Maple	25.0	34,890	113
Big Leaf Maple	10.0	15,189	49.0
Cyprus Strawberry	8.50	15,729	77.8
Strawberry Tree	42.0	77,721	385
Snowbrush ceanothus	27.0	13,666	58.8
Ca redbud	28.5	42,277	137
Monterey Cyprus	4.00	3,547	12.8
Strawberry Tree	14.5	26,832	133
Ca Sycamore	12.5	13,499	43.4
Ca Laurel	1.00	2,094	10.5
European Olive	7.00	15,413	77.1

Ca Sycamore	16.0	17,279	55.5
Fremont Cottonwood	41.5	64,563	209
Ca Live Oak	49.5	87,068	422
Red Willow	17.0	22,636	73.0
Coast Redwood	27.0	57,793	291

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	5.92	annual days of extreme heat
Extreme Precipitation	9.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	17.7	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	3	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	7.52
AQ-PM	32.9
AQ-DPM	94.6
Drinking Water	54.0
Lead Risk Housing	79.7
Pesticides	0.00
Toxic Releases	37.7
Traffic	80.8
Effect Indicators	—
CleanUp Sites	98.9
Groundwater	99.7
Haz Waste Facilities/Generators	99.9
Impaired Water Bodies	87.0
Solid Waste	97.2
Sensitive Population	—
Asthma	68.9
Cardio-vascular	48.4
Low Birth Weights	53.2
Socioeconomic Factor Indicators	—
Education	60.6
Housing	43.3

Linguistic	57.8
Poverty	54.4
Unemployment	64.5

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	65.03272167
Employed	87.75824458
Median HI	74.04080585
Education	—
Bachelor's or higher	46.97805723
High school enrollment	100
Preschool enrollment	45.37405364
Transportation	—
Auto Access	59.70742974
Active commuting	58.00076992
Social	—
2-parent households	88.6179905
Voting	71.10227127
Neighborhood	—
Alcohol availability	29.00038496
Park access	52.72680611
Retail density	91.04324394
Supermarket access	82.92056974
Tree canopy	62.40215578

Housing	—
Homeownership	71.67971256
Housing habitability	43.62889773
Low-inc homeowner severe housing cost burden	60.7596561
Low-inc renter severe housing cost burden	17.45155909
Uncrowded housing	55.74233286
Health Outcomes	—
Insured adults	81.30373412
Arthritis	0.0
Asthma ER Admissions	27.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	20.5
Cognitively Disabled	68.5
Physically Disabled	47.8
Heart Attack ER Admissions	48.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	93.9
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—

Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	55.0
Children	61.0
Elderly	24.3
English Speaking	24.7
Foreign-born	88.7
Outdoor Workers	57.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	16.5
Traffic Density	73.3
Traffic Access	71.5
Other Indices	—
Hardship	46.7
Other Decision Support	—
2016 Voting	55.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	83.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Peninsula Clean Energy would be energy provider. Building would be all electric.
Construction: Construction Phases	Applicant provided info.
Construction: Off-Road Equipment	Applicant provided info.
Construction: Off-Road Equipment EF	EF for Pumps <25 HP were entered manually as well as electric equipment.
Construction: Dust From Material Movement	Applicant provided info.
Construction: Demolition	Applicant provided info - existing square footage of all buildings.
Construction: Trips and VMT	Worker trips = default; 2 "buggies" for all phases except last three operating less than 10 miles a day.
Construction: On-Road Fugitive Dust	2023 BAAQMD guidance - change silt load to 0.5
Construction: Architectural Coatings	Arch coating phase will most likely occur during interior buildout.
Construction: Paving	Applicant provided info.
Construction: Electricity	Applicant provided info.
Operations: Energy Use	Applicant provided info.
Operations: Water and Waste Water	Applicant provided info.
Operations: Solid Waste	Applicant provided info.
Operations: Generators + Pumps EF	Generators will be Tier 2. Used BAAQMD 2023 Guidance, which says default factors are Tier 2 values.

Operations: Emergency Generators and Fire Pumps	Applicant provided info.
Operations: Vehicle Data	Applicant provided information.

Unmitigated

Table 5. Average Daily Construction Criteria Pollutant Emissions from the Proposed Project

(pounds per day	ROG	NO_X	PM_{10} Exhaust	$PM_{2.5}$ Exhaust
2026 (I131S)	1.689780969	18.18959999	0.258688783	0.24783596
2027 (I131S)	20.24930302	14.27089668	0.117611409	0.107956682
2028 (I131S & I131N)	8.400331729	8.807729053	0.119868998	0.116969377
2029 (I131N)	7.517903703	15.55493626	0.18642194	0.178189178
2030 (I131N)	18.99182489	12.00976247	0.104239659	0.104239659
2031 (I131N)	1.876798667	2.782227008	0.032318627	0.032318627
BAAQMD threshold	54	54	82	54
Exceeds threshold?	No	No	No	No

Table 6. Average Daily Net Operational Criteria Pollutant Emissions (pounds per day) [a,b]

Source	ROG	NO_X	PM_{10}	$PM_{2.5}$
Existing Land Uses				
Area sources	0.02	0.00	0.00	0.00
Energy sources[c]	0.00	0.00	0.00	0.00
Mobile sources	1.80	1.70	3.98	1.03
Total Existing	**1.82**	**1.70**	**3.98**	**1.03**
Proposed Project				
Area sources	51.11	0.00	0.00	0.00
Energy sources[c]	-	-	-	-
Mobile sources	18.93	17.53	72.74	18.66
Stationary sources	10.85	30.33	1.60	1.60
Laboratory sources	12.15	-	-	-
Vegetation	-0.04	-0.13	-0.12	-0.03
Total Project	**93.00**	**47.73**	**74.22**	**20.22**
Net Project Emissions	**91.18236886**	**46.02757243**	**70.23707583**	**19.19548744**
BAAQMD threshold	54	54	82	82
Exceeds threshold?	No	No	No	No

Table 9. Estimated GHG Emissions from Project Construction (metric tons per year)

Construction Year	CO_2	CH_4	N_2O	CO_2e
2026 (I131S)	1808.123408816	0.17417955393	0.15568370468	1860.2072680313986
2027 (I131S)	1743.443201405	0.10014581791	0.05153626485	1762.5019701761769
2028 (I131S & N)	1,316	0	0	1,342
2029 (I131N)	1,605	0	0	1,629
2030 (I131N)	1,729	0	0	1,746
2031 (I131N)	295	0	0	299
Total	**4,945**	**0**	**0**	**5,016**

Table 10. Annual On-Site Net Operational Greenhouse Gas Emissions (metric tons per year)

Source	CO_2	CH_4	N_2O	CO_2e
Existing Land Uses				
Area Sources	0.000	0.000	0.000	0.000
Energy Use[a]	-	-	-	-
Mobile Sources	723.321	0.030	0.027	733.542
Solid Waste Generation	14.024	1.402	0.000	49.065
Water Use	9.299	0.954	0.023	39.888
Total Existing On-site Operational Emissions (per year)	746.644	2.385	0.050	822.495
Proposed Project				
Area Sources	40	0.16	0.000339	40
Energy Use[a]	-	-	-	-
Mobile Sources	11,823	0.35	0.37	11,953
Stationary Sources	919.1693737	0.036905484	0.007201069	922.2379295
Solid Waste Generation	120.6373672	12.05727145	0.00000000	422.0691535
Water Use	3.020837834	0.309752334	0.007359617	12.95781214
Vegetation	-55.73456423	-	-	-55.73456423
Total Project On-Site Operational Emissions (per year)	12,850	13	0	13,295
Net Project Emissions	**12,103**	**11**	**0**	**12,472**

Mitigated

Table 5. Average Daily Construction Criteria Pollutant Emissions from the Proposed Project

(pounds per day	ROG	NO_X	PM_{10} Exhaust	$PM_{2.5}$ Exhaust
2026 (I131S)	1.689780969	18.18959999	0.258688783	0.24783596
2027 (I131S)	20.24930302	14.27089668	0.117611409	0.107956682
2028 (I131S & I131N)	8.400331729	8.807729053	0.119868998	0.116969377
2029 (I131N)	7.517903703	15.55493626	0.18642194	0.178189178
2030 (I131N)	18.99182489	12.00976247	0.104239659	0.104239659
2031 (I131N)	1.876798667	2.782227008	0.032318627	0.032318627
BAAQMD threshold	54	54	82	54
Exceeds threshold?	No	No	No	No

Table 6. Average Daily Net Operational Criteria Pollutant Emissions (pounds per day) [a,b]

Source	ROG	NO_X	PM_{10}	$PM_{2.5}$
Existing Land Uses				
Area sources	0.02	0.00	0.00	0.00
Energy sources[c]	0.00	0.00	0.00	0.00
Mobile sources	1.80	1.70	3.98	1.03
Total Existing	**1.82**	**1.70**	**3.98**	**1.03**
Proposed Project				
Area sources	36.08	0.00	0.00	0.00
Energy sources[c]	-	-	-	-
Mobile sources	18.93	17.53	72.74	18.66
Stationary sources	10.85	30.33	1.60	1.60
Laboratory sources	12.15	-	-	-
Vegetation	-0.04	-0.13	-0.12	-0.03
Total Project	**77.97**	**47.73**	**74.22**	**20.22**
Net Project Emissions	**76.15113855**	**46.02757243**	**70.23707583**	**19.19548744**
BAAQMD threshold	54	54	82	82
Exceeds threshold?	No	No	No	No

Table 9. Estimated GHG Emissions from Project Construction (metric tons per year)

Construction Year	CO_2	CH_4	N_2O	CO_2e
2026 (I131S)	1808.123408816	0.17417955393	0.15568370468	1860.2072680313986
2027 (I131S)	1743.443201405	0.10014581791	0.05153626485	1762.5019701761769
2028 (I131S & N)	1,316	0	0	1,342
2029 (I131N)	1,605	0	0	1,629
2030 (I131N)	1,729	0	0	1,746
2031 (I131N)	295	0	0	299
Total	**4,945**	**0**	**0**	**5,016**

Table 10. Annual On-Site Net Operational Greenhouse Gas Emissions (metric tons per year)

Source	CO_2	CH_4	N_2O	CO_2e
Existing Land Uses				
Area Sources	0.000	0.000	0.000	0.000
Energy Use[a]	-	-	-	-
Mobile Sources	723.321	0.030	0.027	733.542
Solid Waste Generation	14.024	1.402	0.000	49.065
Water Use	9.299	0.954	0.023	39.888
Total Existing On-site Operational Emissions (per year)	746.644	2.385	0.050	822.495
Proposed Project				
Area Sources	-	-	-	-
Energy Use[a]	-	-	-	-
Mobile Sources	11,823	0.35	0.37	11,953
Stationary Sources	919.1693737	0.036905484	0.007201069	922.2379295
Solid Waste Generation	120.6373672	12.05727145	0.00000000	422.0691535
Water Use	3.020837834	0.309752334	0.007359617	12.95781214
Vegetation	-55.73456423	-	-	-55.73456423
Total Project On-Site Operational Emissions (per year)	12,810	13	0	13,255
Net Project Emissions	**12,064**	**10**	**0**	**12,432**

Consumer Products

CalEEMod Formula	EF *	A	=E		
North			**14.14574**		
General	1.98E-05	700,443	13.87		
Pesticide/Fertilizer	7.86E-08	-	0.00E+00		
Parking Degreasers	5.68E-07	487,632	2.77E-01		
South			**17.74985**		
General	1.98E-05	880,000	17.424		
Pesticide/Fertilizer	7.86E-08	-	0.00E+00	7.86E-08	
Parking Degreasers	5.68E-07	573,685	3.26E-01	7.79E-08	

Arch Coatings

CalEEMod Formula	EF (ac) *	F *	A *	R	=E (ac)		
North					**336.5048**	**lbs/year**	**0.921931 lbs/day**
Buildings - interior	0.002318	75%	1,425,267	10%	247.8004		
Buildings - exterior	0.002318	25%	1,425,267	10%	82.60014		
Parking - interior	0.002318	90%	29,257.95	10%	6.104232		
Parking - exterior	0.002318	10%	29,257.95	10%	0.678248		
South					**356.5813**	**lbs/year**	**0.976935 lbs/day**
Buildings - interior	0.002318	75%	1,516,290	10%	263.626		
Buildings - exterior	0.002318	25%	1,516,290	10%	87.87534		
Parking - interior	0.002318	90%	24,348	10%	5.079907		
Parking - exterior	0.002318	10%	24,348	10%	0.564434		

Area Sources	**33.8**
North	15.1
South	18.7
Mobile Sources	**16.1**
North	7.4
South	8.8

Stationary Sources	**5.4**
North	2.7
South	2.7
Laboratory Source	**0**
Existing Sources	**2**
Net Emissions	**53.3**

			Reduction Factors
North			
Buildings	700,443	sf	85%
Parking	487,632	sf	85%
South			
Buildings	748,000	sf	85%
Parking	405,805	sf	85%
No Laboratory			0%
Fewer Generators			50%

Scenario 1 (decreased size)

ROG: 52.1 50% building and parking reduction factor; 100% factor for lab space; 50% factor for generators

Scenario 2 (no lab space + decreased size)

ROG: 52.3 75% building and parking reduction factor; 0% factor for lab space; 75% factor for generators

Scenario 3 (fewer generators, no lab space, decreased size)

ROG: 53.3 85% building and parking reduction factor; 0% factor for lab space; 50% factor for generators

Labs

New lab square footage 816,000 * total R&D square footage split 50/50 between office and lab uses

Pollutant	Type II Annual EF (grams/sf/sec)*	Tons ROG per Year	Pounds ROG per day
Benzene	1.05E-10	1.06E-03	8.16E-03
CCl4	6.18E-10	6.24E-03	4.80E-02
Chloroform	8.27E-09	8.36E-02	6.43E-01
1,4-Dioxane	2.00E-10	2.02E-03	1.55E-02
Formaldehyde	7.77E-09	7.85E-02	6.04E-01
Hexane	4.21E-10	4.25E-03	3.27E-02
HCl	2.00E-08	2.02E-01	1.55E+00
IsopropylAlcoh	2.52E-08	2.55E-01	1.96E+00
Methanol	8.95E-08	9.04E-01	6.96E+00
MethyleneChlor	1.24E-09	1.25E-02	9.64E-02
Toluene	7.75E-10	7.83E-03	6.02E-02
Xylenes	1.54E-09	1.56E-02	1.20E-01
DMF	3.11E-10	3.14E-03	2.42E-02
TCE	6.25E-11	6.31E-04	4.86E-03
Hydrazine	6.77E-12	6.84E-05	5.26E-04
Perc	5.74E-12	5.80E-05	4.46E-04
Glutaraldhyd	2.44E-10	2.47E-03	1.90E-02
Triethylamine	1.32E-10	1.33E-03	1.03E-02
HF	1.51E-10	1.53E-03	1.17E-02
MethylBromide	6.26E-08	6.32E-01	4.86E+00
Acrylamide	6.17E-11	6.23E-04	4.80E-03
EDC	2.76E-10	2.79E-03	2.14E-02
Total		2.22	17.06

Daily Pounds per Day 12.15

Source: UC Davis 2018, Appendix D, page 85

Lab Conversions	
260	days per year
12	hours per day
60	minutes per hour
60	seconds per minute
0.002205	lbs per gram
907185	grams per ton

Construction and Operations Health Risk Assessment Calculations

Infinite 131 North

Offroad DPM (PM10 Exhaust)

tons	grams/sec	grams/sec/m^2
0.045	1.94E-03	6.09E-08

Offroad Fugitive PM2.5

tons/yr	grams/sec	grams/sec/m^2
2028	0.025	2.69E-03	8.45E-08
2029	0.09	9.69E-03	3.04E-07
2030	0.07	7.54E-03	2.37E-07
2031	0	0.00E+00	0.00E+00

Offroad Exhaust PM2.5

tons/yr	grams/sec	grams/sec/m^2
2028	4.05E-04	4.36E-05	1.37E-09
2029	7.00E-03	7.54E-04	2.37E-08
2030	5.77E-03	6.21E-04	1.95E-08
2031	5.63E-04	6.06E-05	1.90E-09

Total Combined

		Onroad PM2.5	tons/yr	grams/sec
50%	Total_Opt1	2028	3.91E-03	4.21E-04
		2029	3.14E-02	3.38E-03
		2030	3.94E-02	4.24E-03
		2031	5.51E-03	5.93E-04
50%	Total_Opt2	2028	5.81E-03	6.26E-04
		2029	4.66E-02	5.02E-03
		2030	5.86E-02	6.31E-03
		2031	8.18E-03	8.81E-04

Onroad DPM (PM10 exhaust)

		tons	grams/sec
Haul/Vendor	Opt1	2.50E-03	7.35E-06
	Opt2	2.50E-03	1.09E-05

Onroad Fugitive PM2.5

		tons/yr	grams/sec
50% Haul/Vendor Opt1	2028	1.65E-03	1.78E-04
	2029	3.97E-03	4.28E-04
	2030	2.23E-03	2.40E-04
	2031	4.81E-04	5.18E-05
50% Haul/Vendor Opt2	2028	2.46E-03	2.65E-04
	2029	5.90E-03	6.36E-04
	2030	3.31E-03	3.56E-04
	2031	7.15E-04	7.70E-05

Onroad Exhaust PM2.5

		tons/yr	grams/sec
50% Haul/Vendor Opt1	2028	1.20E-05	1.29E-06
	2029	1.42E-04	1.53E-05
	2030	7.63E-05	8.22E-06
	2031	1.88E-05	2.02E-06
50% Haul/Vendor Opt2	2028	1.78E-05	1.92E-06
	2029	2.11E-04	2.27E-05
	2030	1.13E-04	1.22E-05
	2031	2.79E-05	3.00E-06

Onroad Fugitive PM2.5

		tons/yr	grams/sec
50% Worker_Opt1	2028	2.24E-03	2.42E-04
	2029	2.73E-02	2.94E-03
	2030	3.71E-02	4.00E-03
	2031	5.01E-03	5.39E-04
50% Worker_Opt2	2028	3.33E-03	3.59E-04
	2029	4.05E-02	4.36E-03
	2030	5.52E-02	5.94E-03
	2031	7.44E-03	8.01E-04

Onroad Exhaust PM2.5

		tons/yr	grams/sec
50% Worker_Opt1	2028	0.00E+00	0.00E+00
	2029	0.00E+00	0.00E+00
	2030	0.00E+00	0.00E+00
	2031	0.00E+00	0.00E+00
50% Worker_Opt2	2028	0.00E+00	0.00E+00
	2029	0.00E+00	0.00E+00
	2030	0.00E+00	0.00E+00
	2031	0.00E+00	0.00E+00

total length and area of AERMOD onroad line volume sources

Haul/Vendor Option1	2600.3	meters				
Haul/Vendor Option2	3864.2	meters				
Worker_Option 1	2600.3	meters				
Worker_Option 2	3864.2	meters				
Onsite Area	31855.2	square meters				

total length of haul route

Haul	40	miles	1 mile	=	1609.34	meters
	64373.6	meters				
Vendor	16.8	miles	1 mile	=	1609.34	meters
	27036.912	meters				
Worker_Opt1	23.4	miles	1 mile	=	1609.34	meters
	37658.556	meters				
Worker_Opt2	23.4	miles	1 mile	=	1609.34	meters
	37658.556	meters				

fraction of AERMOD line area source lengths to trip route length

Haul Opt1	0.04039389
Vendor Opt1	0.09617592
Haul Opt2	0.06002771
Vendor Opt2	0.14292313
Worker_Opt1	0.06904938
Worker_Opt2	0.10261148

1 ton	=	907185	grams
1 ton	=	2000	pounds

assume 8am to 5pm operation of haul trucks and offroad equip Mon-Fri

8424000	operational seconds/year
21060000	operational seconds over the entire construction duration

						avg lbs/day onroad haul vendor
				workdays		PM10 exh
Rough Grading/Site Demo	Grading	11/1/2028	12/18/2028	5	34	0.02
Deep Foundations	Building Co	11/18/2028	5/17/2029	5	129	0.015
Foundations	Building Co	3/26/2029	7/18/2029	5	83	0.01
Superstructure	Building Co	6/18/2029	6/26/2030	5	268	0.01
Building Enclosure	Building Co	4/17/2030	11/4/2030	5	144	0.005
Sitework	Paving	9/21/2030	4/7/2031	5	141	0.005
Interior Buildout	Architectur	9/12/2029	11/21/2030	5	312	0.005
Startup/Inspections	Architectur	8/29/2030	5/1/2031	5	176	0.005
				total		9.99
			12/31/2028			
		1/1/2029	12/31/2029			
		1/1/2030	12/31/2030			
		1/1/2031				

total tons PM25 exhaust haul	
2028	4.15E-04
2029	8.48E-04
2030	6.78E-04
2031	0.00E+00
total tons PM25 exhaust vendor	
2028	7.50E-05
2029	2.59E-03
2030	1.30E-03
2031	3.90E-04
total tons PM25 fugitive haul	
2028	0.07
2029	0.03
2030	0.015
2031	0
total tons PM25 fugitive vendor	
2028	0.005
2029	0.07
2030	0.04
2031	0.01
total tons PM25 fugitive worker	
2028	0.065
2029	0.79
2030	1.075
2031	0.145
total tons PM25 exhaust worker	
2028	0
2029	0
2030	0
2031	0

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Height	Flagpole (Z	Averagin Pe	Source Gro	Num Years	Net ID
UCART1	552064.8	4166026	0.00066	4.6	4.6	1.5	ANNUAL	PM25_28	5	
UCART1	552084.8	4166026	0.00071	4.06	4.06	1.5	ANNUAL	PM25_28	5	
UCART1	552104.8	4166026	0.00076	3.76	3.76	1.5	ANNUAL	PM25_28	5	
UCART1	552124.8	4166026	0.0008	3.81	3.81	1.5	ANNUAL	PM25_28	5	
UCART1	552144.8	4166026	0.00084	3.84	3.84	1.5	ANNUAL	PM25_28	5	
UCART1	552164.8	4166026	0.00089	3.33	3.33	1.5	ANNUAL	PM25_28	5	
UCART1	552184.8	4166026	0.00093	3.35	3.35	1.5	ANNUAL	PM25_28	5	
UCART1	552204.8	4166026	0.00096	3.16	3.16	1.5	ANNUAL	PM25_28	5	
UCART1	552224.8	4166026	0.001	3	3	1.5	ANNUAL	PM25_28	5	
UCART1	552244.8	4166026	0.00103	2.93	2.93	1.5	ANNUAL	PM25_28	5	
UCART1	552264.8	4166026	0.00105	2.94	2.94	1.5	ANNUAL	PM25_28	5	
UCART1	552284.8	4166026	0.00109	2.99	2.99	1.5	ANNUAL	PM25_28	5	
UCART1	552304.8	4166026	0.00113	2.98	2.98	1.5	ANNUAL	PM25_28	5	
UCART1	552324.8	4166026	0.00119	3.02	3.02	1.5	ANNUAL	PM25_28	5	
UCART1	552344.8	4166026	0.00129	2.88	2.88	1.5	ANNUAL	PM25_28	5	
UCART1	552364.8	4166026	0.00148	2.63	2.63	1.5	ANNUAL	PM25_28	5	
UCART1	552064.8	4166046	0.00085	3.83	3.83	1.5	ANNUAL	PM25_28	5	
UCART1	552084.8	4166046	0.00092	3.66	3.66	1.5	ANNUAL	PM25_28	5	
UCART1	552104.8	4166046	0.00097	3.73	3.73	1.5	ANNUAL	PM25_28	5	
UCART1	552124.8	4166046	0.00102	3.71	3.71	1.5	ANNUAL	PM25_28	5	
UCART1	552144.8	4166046	0.00106	3.55	3.55	1.5	ANNUAL	PM25_28	5	
UCART1	552164.8	4166046	0.00109	3.43	3.43	1.5	ANNUAL	PM25_28	5	
UCART1	552184.8	4166046	0.00112	3.46	3.46	1.5	ANNUAL	PM25_28	5	
UCART1	552204.8	4166046	0.00114	3.33	3.33	1.5	ANNUAL	PM25_28	5	
UCART1	552224.8	4166046	0.00116	3.19	3.19	1.5	ANNUAL	PM25_28	5	
UCART1	552244.8	4166046	0.00118	3.08	3.08	1.5	ANNUAL	PM25_28	5	
UCART1	552264.8	4166046	0.0012	3.04	3.04	1.5	ANNUAL	PM25_28	5	
UCART1	552284.8	4166046	0.00122	3.2	3.2	1.5	ANNUAL	PM25_28	5	
UCART1	552304.8	4166046	0.00126	3.03	3.03	1.5	ANNUAL	PM25_28	5	
UCART1	552324.8	4166046	0.00134	2.68	2.68	1.5	ANNUAL	PM25_28	5	
UCART1	552344.8	4166046	0.00147	2.44	2.44	1.5	ANNUAL	PM25_28	5	
UCART1	552364.8	4166046	0.00175	2.37	2.37	1.5	ANNUAL	PM25_28	5	
UCART1	551924.8	4166066	0.00079	4.58	4.58	1.5	ANNUAL	PM25_28	5	
UCART1	551944.8	4166066	0.00081	4.32	4.32	1.5	ANNUAL	PM25_28	5	
UCART1	551964.8	4166066	0.00083	4.31	4.31	1.5	ANNUAL	PM25_28	5	
UCART1	551984.8	4166066	0.00086	4.1	4.1	1.5	ANNUAL	PM25_28	5	
UCART1	552004.8	4166066	0.00091	3.84	3.84	1.5	ANNUAL	PM25_28	5	
UCART1	552024.8	4166066	0.00098	3.7	3.7	1.5	ANNUAL	PM25_28	5	
UCART1	552044.8	4166066	0.00106	3.7	3.7	1.5	ANNUAL	PM25_28	5	
UCART1	552064.8	4166066	0.00114	3.53	3.53	1.5	ANNUAL	PM25_28	5	
UCART1	552084.8	4166066	0.00122	3.53	3.53	1.5	ANNUAL	PM25_28	5	
UCART1	552104.8	4166066	0.00127	3.76	3.76	1.5	ANNUAL	PM25_28	5	
UCART1	552124.8	4166066	0.0013	3.7	3.7	1.5	ANNUAL	PM25_28	5	
UCART1	552144.8	4166066	0.00133	3.5	3.5	1.5	ANNUAL	PM25_28	5	
UCART1	552164.8	4166066	0.00135	3.58	3.58	1.5	ANNUAL	PM25_28	5	
UCART1	552184.8	4166066	0.00136	3.42	3.42	1.5	ANNUAL	PM25_28	5	
UCART1	552204.8	4166066	0.00136	3.29	3.29	1.5	ANNUAL	PM25_28	5	
UCART1	552224.8	4166066	0.00136	3.24	3.24	1.5	ANNUAL	PM25_28	5	

UCART1	552244.8	4166066	0.00135	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166066	0.00135	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166066	0.00135	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166066	0.0014	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166066	0.00149	2.56	2.56	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166066	0.00166	2.3	2.3	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166066	0.00205	2.29	2.29	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166086	0.00095	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166086	0.00099	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166086	0.00104	4.65	4.65	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166086	0.00114	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166086	0.00127	3.82	3.82	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166086	0.0014	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166086	0.0015	3.65	3.65	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166086	0.00159	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166086	0.00164	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166086	0.00167	3.79	3.79	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166086	0.00169	3.73	3.73	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166086	0.00169	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166086	0.00167	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166086	0.00165	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166086	0.00162	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166086	0.00157	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166086	0.00153	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166086	0.0015	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166086	0.00149	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166086	0.00154	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166086	0.00165	2.59	2.59	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166086	0.00187	2.38	2.38	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166086	0.00235	2.34	2.34	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166086	0.00442	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166086	0.00358	3	3	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166086	0.003	2.42	2.42	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166086	0.00255	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166086	0.00221	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166086	0.00197	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166106	0.00103	4.88	4.88	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166106	0.0011	4.68	4.68	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166106	0.00118	4.62	4.62	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166106	0.00126	4.94	4.94	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166106	0.00141	5.06	5.06	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166106	0.00166	4.8	4.8	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166106	0.00194	4.16	4.16	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166106	0.00213	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166106	0.00222	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166106	0.00226	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166106	0.00225	3.79	3.79	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166106	0.00224	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166106	0.00222	3.67	3.67	1.5	ANNUAL	PM25_28	5

UCART1	552144.8	4166106	0.00216	3.82	3.82	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166106	0.00208	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166106	0.002	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166106	0.0019	2.54	2.54	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166106	0.0018	2.4	2.4	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166106	0.00172	2.44	2.44	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166106	0.00167	2.61	2.61	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166106	0.00164	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166106	0.00169	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166106	0.0018	2.78	2.78	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166106	0.00207	2.59	2.59	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166106	0.00263	2.47	2.47	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166106	0.00446	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166106	0.00365	2.84	2.84	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166106	0.00307	2.61	2.61	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166106	0.00264	2.68	2.68	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166106	0.00232	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166106	0.00208	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166126	0.00108	4.78	4.78	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166126	0.00125	4.77	4.77	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166126	0.00141	4.62	4.62	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166126	0.00157	4.62	4.62	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166126	0.00182	5	5	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166126	0.0023	5.31	5.31	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166126	0.00283	5.06	5.06	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166126	0.0032	4.41	4.41	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166126	0.00338	3.8	3.8	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166126	0.00338	3.46	3.46	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166126	0.0033	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166126	0.00319	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166126	0.0031	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166126	0.00297	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166126	0.00278	3.92	3.92	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166126	0.00256	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166126	0.00236	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166126	0.00217	2.4	2.4	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166126	0.00202	2.26	2.26	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166126	0.0019	2.26	2.26	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166126	0.00183	2.35	2.35	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166126	0.0018	2.93	2.93	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166126	0.00183	2.78	2.78	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166126	0.00196	2.71	2.71	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166126	0.00225	2.58	2.58	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166126	0.00287	2.58	2.58	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166126	0.00449	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166126	0.00371	2.77	2.77	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166126	0.00314	2.74	2.74	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166126	0.00273	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166126	0.00242	2.75	2.75	1.5	ANNUAL	PM25_28	5

UCART1	552564.8	4166126	0.00219	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166146	0.00103	4.84	4.84	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166146	0.00124	4.67	4.67	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166146	0.00157	4.62	4.62	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166146	0.00198	4.54	4.54	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166146	0.00251	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166146	0.00385	4.83	4.83	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166146	0.00483	5.39	5.39	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166146	0.00534	5.1	5.1	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166146	0.00557	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166146	0.00561	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166146	0.00547	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166146	0.00516	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166146	0.00483	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166146	0.00451	3.6	3.6	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166146	0.00403	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166146	0.0035	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166146	0.00305	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166146	0.00272	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166146	0.00244	2.61	2.61	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166146	0.00223	2.65	2.65	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166146	0.00208	2.6	2.6	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166146	0.00199	2.45	2.45	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166146	0.00195	2.45	2.45	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166146	0.00198	2.53	2.53	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166146	0.00212	2.38	2.38	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166146	0.00242	2.35	2.35	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166146	0.00307	2.69	2.69	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166146	0.00454	2.64	2.64	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166146	0.00377	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166146	0.00321	2.81	2.81	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166146	0.00281	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166146	0.00252	2.87	2.87	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166146	0.0023	2.77	2.77	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166166	0.00093	4.89	4.89	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166166	0.00112	4.93	4.93	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166166	0.0014	4.86	4.86	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166166	0.00193	4.75	4.75	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166166	0.00961	4.38	4.38	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166166	0.01177	4.46	4.46	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166166	0.01031	4.25	4.25	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166166	0.01107	3.97	3.97	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166166	0.01113	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166166	0.01043	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166166	0.00943	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166166	0.00834	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166166	0.00667	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166166	0.00525	3.3	3.3	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166166	0.00426	3.24	3.24	1.5	ANNUAL	PM25_28	5

UCART1	552164.8	4166166	0.00356	3.09	3.09	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166166	0.00306	2.82	2.82	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166166	0.00269	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166166	0.00243	2.98	2.98	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166166	0.00224	2.97	2.97	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166166	0.00213	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166166	0.00209	2.62	2.62	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166166	0.00211	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166166	0.00225	2.68	2.68	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166166	0.00256	2.59	2.59	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166166	0.00322	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166166	0.00568	2.78	2.78	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166166	0.00461	2.15	2.15	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166166	0.00386	2.39	2.39	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166166	0.0033	2.93	2.93	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166166	0.0029	3.05	3.05	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166166	0.00263	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166166	0.00243	2.84	2.84	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166186	0.00082	4.79	4.79	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166186	0.00098	4.87	4.87	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166186	0.0012	4.91	4.91	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166186	0.00156	4.81	4.81	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166186	0.0023	4.68	4.68	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166186	0.01028	4.43	4.43	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166186	0.00936	4.41	4.41	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166186	0.00942	4.15	4.15	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166186	0.00979	3.85	3.85	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166186	0.01032	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166186	0.01102	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166186	0.01065	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166186	0.01224	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166186	0.0083	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166186	0.00615	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166186	0.00482	3.02	3.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166186	0.00395	3.01	3.01	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166186	0.00334	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166186	0.00291	3.04	3.04	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166186	0.0026	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166186	0.00239	3.13	3.13	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166186	0.00227	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166186	0.00222	2.43	2.43	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166186	0.00224	2.44	2.44	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166186	0.00237	2.5	2.5	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166186	0.00269	2.51	2.51	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166186	0.00335	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166186	0.00341	2.75	2.75	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166186	0.00304	2.74	2.74	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166186	0.00276	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166186	0.00257	2.96	2.96	1.5	ANNUAL	PM25_28	5

UCART1	551804.8	4166206	0.00085	4.8	4.8	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166206	0.00102	4.89	4.89	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166206	0.00128	4.78	4.78	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166206	0.00173	4.57	4.57	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166206	0.00265	4.46	4.46	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166206	0.01031	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166206	0.00814	4.84	4.84	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166206	0.00732	4.36	4.36	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166206	0.00698	3.85	3.85	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166206	0.00691	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166206	0.00705	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166206	0.00762	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166206	0.01094	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166206	0.00818	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166206	0.00631	3.26	3.26	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166206	0.00503	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166206	0.00412	3.61	3.61	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166206	0.00351	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166206	0.00306	3.16	3.16	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166206	0.00274	3.07	3.07	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166206	0.00252	3.03	3.03	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166206	0.00238	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166206	0.00582	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166206	0.00477	2.12	2.12	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166206	0.00319	1.62	1.62	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166206	0.00294	2.52	2.52	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166206	0.00274	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166226	0.00087	4.64	4.64	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166226	0.00106	4.4	4.4	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166226	0.00137	4.18	4.18	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166226	0.00189	4.27	4.27	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166226	0.00739	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166226	0.00803	4.66	4.66	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166226	0.00683	4.32	4.32	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166226	0.00617	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166226	0.00588	3.79	3.79	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166226	0.00597	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166226	0.00686	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166226	0.00986	3.69	3.69	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166226	0.00762	3.77	3.77	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166226	0.00611	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166226	0.00502	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166226	0.0042	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166226	0.00361	3.3	3.3	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166226	0.00586	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166226	0.0037	2.68	2.68	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166226	0.00337	2.44	2.44	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166226	0.00295	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166246	0.00089	4.53	4.53	1.5	ANNUAL	PM25_28	5

UCART1	551824.8	4166246	0.00111	4.09	4.09	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166246	0.00145	3.83	3.83	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166246	0.00197	4.17	4.17	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166246	0.00284	4.33	4.33	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166246	0.00464	4.45	4.45	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166246	0.00533	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166246	0.00809	4.58	4.58	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166246	0.00666	4.41	4.41	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166246	0.00587	4.19	4.19	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166246	0.00552	4.1	4.1	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166246	0.00566	3.97	3.97	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166246	0.00688	3.76	3.76	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166246	0.00723	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166246	0.00932	3.73	3.73	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166246	0.00731	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166246	0.00595	3.66	3.66	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166246	0.00499	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166246	0.00425	2.96	2.96	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166246	0.0029	2.05	2.05	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166246	0.00267	2.49	2.49	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166246	0.00252	3.16	3.16	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166246	0.00246	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166246	0.00249	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166246	0.00264	3.17	3.17	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166246	0.00298	3.13	3.13	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166246	0.00736	3.35	3.35	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166246	0.00592	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166246	0.00495	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166246	0.00432	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166246	0.00386	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166246	0.00355	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166246	0.00336	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166266	0.00092	4.46	4.46	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166266	0.00115	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166266	0.00149	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166266	0.00196	4.26	4.26	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166266	0.00277	4.33	4.33	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166266	0.00447	4.42	4.42	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166266	0.00818	4.6	4.6	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166266	0.00666	4.67	4.67	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166266	0.00582	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166266	0.00546	4.43	4.43	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166266	0.00564	4.25	4.25	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166266	0.00697	3.92	3.92	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166266	0.00923	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166266	0.00923	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166266	0.00727	3.62	3.62	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166266	0.00593	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166266	0.005	2.87	2.87	1.5	ANNUAL	PM25_28	5

UCART1	552204.8	4166266	0.00324	2.78	2.78	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166266	0.00291	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166266	0.00269	3.13	3.13	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166266	0.00256	3.3	3.3	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166266	0.00251	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166266	0.00255	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166266	0.00272	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166266	0.00309	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166266	0.00748	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166266	0.00606	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166266	0.00513	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166266	0.00454	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166266	0.00411	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166266	0.00381	3.62	3.62	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166266	0.00361	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166266	0.00348	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166286	0.00095	4.36	4.36	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166286	0.00117	4.11	4.11	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166286	0.00147	4.23	4.23	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166286	0.00193	4.11	4.11	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166286	0.00266	4.18	4.18	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166286	0.00409	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166286	0.00885	4.49	4.49	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166286	0.00715	4.29	4.29	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166286	0.00614	4.28	4.28	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166286	0.00564	4.41	4.41	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166286	0.00577	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166286	0.00716	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166286	0.01235	3.56	3.56	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166286	0.00923	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166286	0.00732	3.49	3.49	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166286	0.00603	2.81	2.81	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166286	0.00366	2.55	2.55	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166286	0.00321	3.21	3.21	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166286	0.00291	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166286	0.00272	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166286	0.00261	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166286	0.00258	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166286	0.00264	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166286	0.00283	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166286	0.00324	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166286	0.00759	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166286	0.00624	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166286	0.00537	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166286	0.00482	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166286	0.00442	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166286	0.00414	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166286	0.00395	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166286	0.00381	3.65	3.65	1.5	ANNUAL	PM25_28	5

UCART1	551764.8	4166306	0.00069	5.27	5.27	1.5	ANNUAL	PM25_28	5
UCART1	551784.8	4166306	0.00081	4.78	4.78	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166306	0.00097	4.32	4.32	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166306	0.00118	4.26	4.26	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166306	0.00145	4.48	4.48	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166306	0.00188	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166306	0.0025	4	4	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166306	0.00358	4.2	4.2	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166306	0.00541	4.34	4.34	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166306	0.01054	4.36	4.36	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166306	0.008	4.09	4.09	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166306	0.00666	4.13	4.13	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166306	0.00596	4.36	4.36	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166306	0.00595	4.29	4.29	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166306	0.00723	3.95	3.95	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166306	0.00925	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166306	0.0095	3.11	3.11	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166306	0.00412	3.31	3.31	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166306	0.00357	3.33	3.33	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166306	0.00317	3.61	3.61	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166306	0.00291	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166306	0.00275	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166306	0.00267	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166306	0.00266	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166306	0.00274	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166306	0.00297	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166306	0.00342	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166306	0.00775	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166306	0.00651	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166306	0.00571	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166306	0.0052	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166306	0.00482	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166306	0.00455	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166306	0.00436	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166306	0.0042	3.66	3.66	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166326	0.00071	4.79	4.79	1.5	ANNUAL	PM25_28	5
UCART1	551784.8	4166326	0.00083	4.51	4.51	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166326	0.00098	4.35	4.35	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166326	0.00117	4.39	4.39	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166326	0.00143	4.3	4.3	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166326	0.00182	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166326	0.00234	3.77	3.77	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166326	0.00315	4.09	4.09	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166326	0.00469	4.26	4.26	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166326	0.00905	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166326	0.0073	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166326	0.00638	4.29	4.29	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166326	0.00618	4.19	4.19	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166326	0.0071	4.03	4.03	1.5	ANNUAL	PM25_28	5

UCART1	552064.8	4166326	0.00725	3.79	3.79	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166326	0.00586	2.72	2.72	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166326	0.00476	2.98	2.98	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166326	0.00402	3.29	3.29	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166326	0.00352	3.47	3.47	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166326	0.00315	4.02	4.02	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166326	0.00293	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166326	0.00281	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166326	0.00275	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166326	0.00277	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166326	0.0029	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166326	0.00316	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166326	0.00369	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166326	0.00807	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166326	0.00694	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166326	0.00621	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166326	0.00571	3.03	3.03	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166326	0.00532	3.35	3.35	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166326	0.00505	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166326	0.00483	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166326	0.00463	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166346	0.00073	4.79	4.79	1.5	ANNUAL	PM25_28	5
UCART1	551784.8	4166346	0.00084	4.59	4.59	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166346	0.00097	5.05	5.05	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166346	0.00113	5.62	5.62	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166346	0.00136	5.2	5.2	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166346	0.00169	4.5	4.5	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166346	0.00216	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166346	0.00281	4.08	4.08	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166346	0.00389	4.28	4.28	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166346	0.00506	4.17	4.17	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166346	0.01067	4.15	4.15	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166346	0.00813	4.34	4.34	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166346	0.00689	4.32	4.32	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166346	0.00641	4.18	4.18	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166346	0.00687	4.03	4.03	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166346	0.00919	2.83	2.83	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166346	0.00681	2.89	2.89	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166346	0.00544	3.13	3.13	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166346	0.00455	3.24	3.24	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166346	0.00394	3.2	3.2	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166346	0.00351	3.38	3.38	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166346	0.00318	3.78	3.78	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166346	0.00299	3.6	3.6	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166346	0.00289	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166346	0.00287	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166346	0.00294	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166346	0.00311	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166346	0.00345	3.39	3.39	1.5	ANNUAL	PM25_28	5

UCART1	552344.8	4166346	0.00408	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166346	0.00855	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166346	0.00751	3.15	3.15	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166346	0.00683	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166346	0.00633	2.81	2.81	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166346	0.0059	3.3	3.3	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166346	0.0056	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166346	0.00532	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166346	0.00507	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166366	0.00074	4.82	4.82	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166366	0.00097	5.3	5.3	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166366	0.00111	6.04	6.04	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166366	0.00132	5.49	5.49	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166366	0.0016	4.89	4.89	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166366	0.00201	4.05	4.05	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166366	0.00255	4.02	4.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166366	0.00338	4.2	4.2	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166366	0.00501	4.1	4.1	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166366	0.00922	4.23	4.23	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166366	0.00754	4.26	4.26	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166366	0.00673	4.13	4.13	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166366	0.00661	3.98	3.98	1.5	ANNUAL	PM25_28	5
Term131S	552064.8	4166366	0.00694	3.93	3.93	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166366	0.00654	3.53	3.53	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166366	0.00571	3.46	3.46	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166366	0.00497	3.4	3.4	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166366	0.00439	3.26	3.26	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166366	0.00392	3.08	3.08	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166366	0.00355	3.2	3.2	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166366	0.00328	3.39	3.39	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166366	0.00311	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166366	0.00303	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166366	0.00306	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166366	0.00319	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166366	0.00344	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166366	0.0039	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166366	0.00468	3.15	3.15	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166366	0.00925	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166366	0.00826	3.17	3.17	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166366	0.00758	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166366	0.00705	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166366	0.00654	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166366	0.00617	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166366	0.00581	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166366	0.0055	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166386	0.00075	4.81	4.81	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166386	0.00098	4.48	4.48	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166386	0.00113	4.53	4.53	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166386	0.00132	4.19	4.19	1.5	ANNUAL	PM25_28	5

UCART1	551864.8	4166386	0.00158	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166386	0.00191	3.75	3.75	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166386	0.00237	3.78	3.78	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166386	0.00305	3.86	3.86	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166386	0.00419	3.97	3.97	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166386	0.00609	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166386	0.01083	3.84	3.84	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166386	0.00841	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166386	0.00719	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166386	0.00649	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166386	0.00599	3.91	3.91	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166386	0.00561	3.46	3.46	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166386	0.00518	3.3	3.3	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166386	0.00477	3.17	3.17	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166386	0.00439	3.04	3.04	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166386	0.00403	2.93	2.93	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166386	0.0037	3.02	3.02	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166386	0.00345	3.26	3.26	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166386	0.00331	3.45	3.45	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166386	0.00328	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166386	0.00338	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166386	0.00361	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166386	0.004	3.6	3.6	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166386	0.00464	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166386	0.00564	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166386	0.01023	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166386	0.00919	3.04	3.04	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166386	0.00843	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166386	0.0078	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166386	0.00722	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166386	0.00672	3.76	3.76	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166386	0.00628	4.08	4.08	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166386	0.00591	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166406	0.00075	4.89	4.89	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166406	0.00097	4.43	4.43	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166406	0.00111	4.46	4.46	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166406	0.00129	4.25	4.25	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166406	0.00153	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166406	0.00181	3.83	3.83	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166406	0.00221	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166406	0.00278	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166406	0.00365	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166406	0.00533	3.95	3.95	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166406	0.00946	3.79	3.79	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166406	0.00775	3.82	3.82	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166406	0.00671	3.78	3.78	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166406	0.00602	3.79	3.79	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166406	0.00558	3.45	3.45	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166406	0.0052	3.19	3.19	1.5	ANNUAL	PM25_28	5

Term131S	552124.8	4166406	0.00488	3.05	3.05	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166406	0.00461	2.95	2.95	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166406	0.00433	2.86	2.86	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166406	0.00403	2.92	2.92	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166406	0.00378	3.19	3.19	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166406	0.00366	3.45	3.45	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166406	0.0037	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166406	0.00395	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166406	0.00438	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166406	0.00503	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166406	0.00594	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166406	0.00716	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166406	0.01142	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166406	0.01026	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166406	0.00936	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166406	0.00861	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166406	0.00791	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166406	0.00729	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166406	0.00677	4.17	4.17	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166406	0.00631	4.07	4.07	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166426	0.00096	4.47	4.47	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166426	0.00109	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166426	0.00125	4.45	4.45	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166426	0.00147	3.75	3.75	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166426	0.00173	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166426	0.00209	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166426	0.00258	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166426	0.00328	3.87	3.87	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166426	0.00451	3.92	3.92	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166426	0.01052	3.69	3.69	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166426	0.00837	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166426	0.00713	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166426	0.00635	3.68	3.68	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166426	0.00586	3.46	3.46	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166426	0.00551	3.13	3.13	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166426	0.00524	3.01	3.01	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166426	0.00504	2.96	2.96	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166426	0.00487	2.86	2.86	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166426	0.00464	2.88	2.88	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166426	0.00438	3.17	3.17	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166426	0.00429	3.47	3.47	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166426	0.00451	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166426	0.00505	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166426	0.00592	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166426	0.00699	3.56	3.56	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166426	0.00816	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166426	0.00948	3.07	3.07	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166426	0.01277	2.98	2.98	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166426	0.01141	3.01	3.01	1.5	ANNUAL	PM25_28	5

UCART1	552464.8	4166426	0.01034	2.94	2.94	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166426	0.00945	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166426	0.0086	3.35	3.35	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166426	0.00786	3.92	3.92	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166426	0.00725	3.99	3.99	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166426	0.00669	4.12	4.12	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166446	0.00107	4.03	4.03	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166446	0.00123	3.96	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166446	0.00143	3.65	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166446	0.00167	3.6	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166446	0.002	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166446	0.00243	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166446	0.00303	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166446	0.004	3.87	3.87	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166446	0.00608	3.75	3.75	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166446	0.00906	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166446	0.00764	3.83	3.83	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166446	0.00679	3.82	3.82	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166446	0.00633	3.47	3.47	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166446	0.00601	3.21	3.21	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166446	0.00577	3.22	3.22	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166446	0.00565	3.25	3.25	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166446	0.00565	3.12	3.12	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166446	0.00567	2.94	2.94	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166446	0.00554	3.22	3.22	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166446	0.00559	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166446	0.00621	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166446	0.00754	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166446	0.0092	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166446	0.01056	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166446	0.01162	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166446	0.01264	3.09	3.09	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166446	0.01418	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166446	0.01261	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166446	0.01136	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166446	0.01029	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166446	0.00928	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166446	0.00843	3.75	3.75	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166446	0.0077	3.86	3.86	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166446	0.00703	4.01	4.01	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166466	0.00104	4.37	4.37	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166466	0.00117	4.91	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166466	0.00133	5.72	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166466	0.00155	5.25	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166466	0.00188	4.08	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166466	0.0023	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166466	0.00283	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166466	0.00363	3.83	3.83	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166466	0.00516	3.75	3.75	1.5	ANNUAL	PM25_28	5

UCART1	552024.8	4166466	0.00991	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166466	0.0083	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166466	0.0074	3.73	3.73	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166466	0.0069	3.65	3.65	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166466	0.00665	3.36	3.36	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166466	0.00653	3.34	3.34	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166466	0.00656	3.38	3.38	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166466	0.00684	3.27	3.27	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166466	0.00739	3	3	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166466	0.008	3.18	3.18	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166466	0.0086	3.42	3.42	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166466	0.01101	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552264.8	4166466	0.014	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166466	0.01567	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166466	0.01621	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166466	0.01643	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166466	0.01671	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166466	0.01571	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166466	0.01385	3.2	3.2	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166466	0.01238	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166466	0.01111	2.81	2.81	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166466	0.00992	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166466	0.00894	3.61	3.61	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166466	0.00809	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166486	0.001	4.93	4.93	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166486	0.00111	6.14	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166486	0.00121	8.08	8.08	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166486	0.00143	7.1	7.1	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166486	0.00177	4.75	7.05	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166486	0.00218	3.32	7.05	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166486	0.00266	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166486	0.00336	3.78	3.78	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166486	0.00459	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166486	0.01097	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166486	0.00903	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166486	0.00814	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166486	0.00758	3.86	3.86	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166486	0.00746	3.54	3.54	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166486	0.00758	3.39	3.39	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166486	0.00795	3.4	3.4	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166486	0.00884	3.37	3.37	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166486	0.0107	3.06	3.06	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166486	0.01367	3.06	3.06	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166486	0.02421	3.27	3.27	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166486	0.02836	3.4	3.4	1.5	ANNUAL	PM25_28	5
Term131S	552264.8	4166486	0.0278	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166486	0.02623	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166486	0.0244	3.56	3.56	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166486	0.02295	3.39	3.39	1.5	ANNUAL	PM25_28	5

UCART1	552344.8	4166486	0.0217	3.2	3.2	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166486	0.01734	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166486	0.01511	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166486	0.01334	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166486	0.01187	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166486	0.01053	3.23	3.23	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166486	0.00939	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166486	0.00844	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166506	0.00097	4.76	4.76	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166506	0.00109	5.64	5.64	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166506	0.0012	7	7	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166506	0.00144	5.3	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166506	0.00172	4.02	7.05	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166506	0.00207	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166506	0.00252	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166506	0.00316	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166506	0.00422	3.49	3.49	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166506	0.00645	3.46	3.46	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166506	0.01196	3.56	3.56	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166506	0.00965	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166506	0.00888	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166506	0.00863	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166506	0.00869	3.49	3.49	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166506	0.00923	3.41	3.41	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166506	0.01063	3.37	3.37	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166506	0.01337	3.37	3.37	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166506	0.01841	3.18	3.18	1.5	ANNUAL	PM25_28	5
Term131S	552264.8	4166506	0.0562	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166506	0.04437	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166506	0.03697	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166506	0.03121	3.35	3.35	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166506	0.02736	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166506	0.01898	3.13	3.13	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166506	0.01635	3.17	3.17	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166506	0.01428	3.01	3.01	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166506	0.01257	2.84	2.84	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166506	0.01104	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166506	0.00976	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166506	0.00869	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166526	0.00095	4.47	4.47	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166526	0.00106	5.15	5.15	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166526	0.00119	5.83	5.83	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166526	0.0014	4.58	4.58	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166526	0.00165	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166526	0.00197	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166526	0.00239	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166526	0.00298	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166526	0.00392	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166526	0.00577	3.51	3.51	1.5	ANNUAL	PM25_28	5

UCART1	552044.8	4166526	0.01016	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166526	0.00948	3.61	3.61	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166526	0.0099	3.47	3.47	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166526	0.01074	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166526	0.01315	3.41	3.41	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166526	0.02013	3.34	3.34	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166526	0.03114	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166526	0.07605	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166526	0.05207	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166526	0.04013	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166526	0.03342	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166526	0.02049	3.01	3.01	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166526	0.01748	3	3	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166526	0.0151	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166526	0.01315	2.73	2.73	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166526	0.01146	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166526	0.01005	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166526	0.0079	4.08	4.08	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166546	0.00093	4.12	4.12	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166546	0.00104	4.64	4.64	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166546	0.00118	4.64	4.64	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166546	0.00135	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166546	0.00158	4.09	4.09	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166546	0.00188	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166546	0.00227	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166546	0.00282	3.65	3.65	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166546	0.00367	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166546	0.00525	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166546	0.01066	3.8	3.8	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166546	0.00988	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166546	0.01097	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166546	0.09748	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166546	0.06494	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166546	0.04854	3.04	3.04	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166546	0.03945	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166546	0.02172	2.82	2.82	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166546	0.01837	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166546	0.01573	2.63	2.63	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166546	0.01358	2.56	2.56	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166546	0.01177	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166546	0.01023	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166546	0.00801	3.87	3.87	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166566	0.00091	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166566	0.00102	3.85	3.85	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166566	0.00115	4.08	4.08	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166566	0.00132	4.2	4.2	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166566	0.00153	3.87	3.87	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166566	0.00181	3.62	3.62	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166566	0.00218	3.6	3.6	1.5	ANNUAL	PM25_28	5

UCART1	551964.8	4166566	0.0027	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166566	0.00349	3.69	3.69	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166566	0.00489	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166566	0.01133	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166566	0.01056	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166566	0.01239	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166566	0.07448	3.09	3.09	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166566	0.05525	2.93	2.93	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166566	0.04456	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166566	0.02249	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166566	0.01886	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166566	0.01604	2.62	2.62	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166566	0.01376	2.61	2.61	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166566	0.01184	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166566	0.00905	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166566	0.00804	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166586	0.001	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166586	0.00113	3.66	3.66	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166586	0.00128	3.82	3.82	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166586	0.00149	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166586	0.00175	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166586	0.0021	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166586	0.0026	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166586	0.00334	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166586	0.0046	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166586	0.0061	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166586	0.01209	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166586	0.01124	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166586	0.01354	3.09	3.09	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166586	0.02273	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166586	0.08387	3	3	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166586	0.06061	2.83	2.83	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166586	0.048	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166586	0.02278	2.73	2.73	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166586	0.01898	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166586	0.01606	2.62	2.62	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166586	0.01371	2.73	2.73	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166586	0.01175	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166586	0.00901	3.86	3.86	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166586	0.00801	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166606	0.00077	4.01	4.01	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166606	0.00097	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166606	0.0011	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166606	0.00125	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166606	0.00144	3.49	3.49	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166606	0.00169	3.49	3.49	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166606	0.00203	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166606	0.00252	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166606	0.00322	3.18	3.18	1.5	ANNUAL	PM25_28	5

UCART1	552004.8	4166606	0.00439	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166606	0.0068	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166606	0.01019	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166606	0.01188	3.26	3.26	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166606	0.01373	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166606	0.02155	3.23	3.23	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166606	0.09273	2.96	2.96	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166606	0.06523	2.71	2.71	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166606	0.0496	2.74	2.74	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166606	0.02775	2.47	2.47	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166606	0.02262	2.54	2.54	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166606	0.01878	2.55	2.55	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166606	0.01583	2.58	2.58	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166606	0.01347	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166606	0.01011	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166606	0.00889	3.86	3.86	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166606	0.00792	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166626	0.00075	4.01	4.01	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166626	0.00095	3.04	3.04	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166626	0.00108	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166626	0.00122	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166626	0.00141	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166626	0.00165	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166626	0.00197	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166626	0.00243	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166626	0.00311	2.96	2.96	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166626	0.00419	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166626	0.00629	2.93	2.93	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166626	0.01255	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166626	0.01396	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166626	0.02044	3.07	3.07	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166626	0.10101	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166626	0.0686	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166626	0.0498	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166626	0.02693	2.45	2.45	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166626	0.02193	2.48	2.48	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166626	0.01824	2.46	2.46	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166626	0.01536	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166626	0.01306	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166626	0.0099	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166626	0.00873	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166626	0.00778	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166646	0.00074	3.84	3.84	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166646	0.00093	3.16	3.16	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166646	0.00106	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166646	0.0012	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166646	0.00138	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166646	0.00161	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166646	0.00192	3.42	3.42	1.5	ANNUAL	PM25_28	5

UCART1	551964.8	4166646	0.00237	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166646	0.00302	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166646	0.00405	2.97	2.97	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166646	0.00594	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166646	0.01307	2.65	2.65	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166646	0.01399	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166646	0.0191	2.94	2.94	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166646	0.09934	2.96	2.96	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166646	0.06652	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166646	0.04798	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166646	0.02552	2.44	2.44	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166646	0.02087	2.43	2.43	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166646	0.01741	2.42	2.42	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166646	0.01466	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166646	0.01085	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166646	0.00958	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166646	0.0085	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166646	0.00759	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166666	0.00073	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166666	0.00091	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166666	0.00104	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166666	0.00118	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166666	0.00136	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166666	0.00158	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166666	0.00189	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166666	0.00233	3.13	3.13	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166666	0.00296	3.2	3.2	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166666	0.00394	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166666	0.00566	3	3	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166666	0.01345	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166666	0.01384	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166666	0.01775	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166666	0.09027	3.01	3.01	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166666	0.06061	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166666	0.04342	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166666	0.02369	2.45	2.45	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166666	0.01951	2.33	2.33	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166666	0.01629	2.48	2.48	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166666	0.01376	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166666	0.01034	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166666	0.00917	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166666	0.00816	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166666	0.00733	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166686	0.00072	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166686	0.00102	3	3	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166686	0.00116	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166686	0.00134	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166686	0.00157	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166686	0.00188	3.2	3.2	1.5	ANNUAL	PM25_28	5

UCART1	551964.8	4166686	0.00232	3.02	3.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166686	0.00296	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166686	0.0039	2.97	2.97	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166686	0.00544	2.94	2.94	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166686	0.00793	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166686	0.01396	2.78	2.78	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166686	0.01365	2.77	2.77	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166686	0.01642	2.77	2.77	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166686	0.02471	3.02	3.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166686	0.07629	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166686	0.05051	2.57	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166686	0.03765	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166686	0.02142	2.54	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166686	0.01773	2.47	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166686	0.01491	2.66	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166686	0.01104	3.19	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166686	0.00975	3.09	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166686	0.00869	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166686	0.00778	3.35	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166686	0.00704	3.47	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166706	0.00071	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166706	0.00078	3.66	3.66	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166706	0.001	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166706	0.00115	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166706	0.00133	2.94	2.94	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166706	0.00157	3.05	3.05	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166706	0.00188	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166706	0.00232	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166706	0.00295	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166706	0.00385	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166706	0.00523	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166706	0.00786	2.88	2.88	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166706	0.01359	2.67	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166706	0.01537	2.79	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166706	0.01955	3	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166706	0.05449	2.45	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166706	0.04696	2.46	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166706	0.05987	2.57	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166706	0.05328	2.51	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166706	0.04003	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166706	0.0327	2.69	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166706	0.01882	2.62	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166706	0.01571	2.71	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166706	0.01337	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166706	0.01022	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166706	0.00912	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166706	0.00819	3.06	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166706	0.0074	3.24	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166706	0.00672	3.38	320.02	1.5	ANNUAL	PM25_28	5

UCART1	551804.8	4166726	0.0007	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166726	0.00078	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166726	0.00099	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166726	0.00114	2.88	2.88	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166726	0.00133	2.83	2.83	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166726	0.00157	2.98	2.98	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166726	0.00189	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166726	0.00233	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166726	0.00293	2.85	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166726	0.00378	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166726	0.00502	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166726	0.00724	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166726	0.01362	2.57	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166726	0.01412	3.06	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166726	0.0165	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166726	0.02417	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166726	0.05462	2.73	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166726	0.03515	2.47	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166726	0.03094	2.29	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166726	0.02978	2.34	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166726	0.03028	2.41	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166726	0.03157	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166726	0.03267	2.33	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166726	0.03232	2.37	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166726	0.01622	2.54	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166726	0.01366	3.07	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166726	0.00943	2.82	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166726	0.00853	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166726	0.00773	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166726	0.00701	3.19	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166726	0.00641	3.2	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166746	0.00098	3.33	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166746	0.00114	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166746	0.00133	2.72	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166746	0.00158	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166746	0.0019	2.93	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166746	0.00233	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166746	0.0029	2.93	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166746	0.00369	2.84	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166746	0.00483	2.82	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166746	0.00675	2.8	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166746	0.01355	2.64	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166746	0.01313	3.16	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166746	0.01424	3.29	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166746	0.01802	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166746	0.02733	2.82	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166746	0.02238	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166746	0.02062	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166746	0.01998	2.44	320.02	1.5	ANNUAL	PM25_28	5

UCART1	552244.8	4166746	0.01973	2.44	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166746	0.01958	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166746	0.01976	2.3	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166746	0.02018	2.35	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166746	0.01375	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166746	0.01182	3.27	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166746	0.00961	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166746	0.0088	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166746	0.00803	2.76	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166746	0.00727	3.16	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166746	0.0066	3.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166746	0.00606	3.44	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166766	0.00086	3.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166766	0.00114	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166766	0.00134	2.68	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166766	0.0016	2.71	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166766	0.00191	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166766	0.00232	3.16	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166766	0.00286	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166766	0.00359	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166766	0.00464	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166766	0.0063	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166766	0.01351	2.73	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166766	0.01236	3.13	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166766	0.01245	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166766	0.01354	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166766	0.01419	2.94	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166766	0.01423	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166766	0.01431	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166766	0.01429	2.6	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166766	0.01413	2.54	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166766	0.01394	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166766	0.0139	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166766	0.01419	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166766	0.01177	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166766	0.01054	3.35	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166766	0.00923	2.72	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166766	0.00844	2.69	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166766	0.00763	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166766	0.00686	3.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166766	0.00619	4.2	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166766	0.0057	3.92	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166786	0.00086	3.63	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166786	0.00115	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166786	0.00135	2.83	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166786	0.0016	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166786	0.00191	3.1	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166786	0.00229	3.46	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166786	0.00282	2.97	320.02	1.5	ANNUAL	PM25_28	5

UCART1	552004.8	4166786	0.00348	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166786	0.00441	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166786	0.00583	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166786	0.00806	2.8	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166786	0.01363	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166786	0.01187	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166786	0.01115	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166786	0.01099	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166786	0.01095	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166786	0.01089	2.9	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166786	0.01097	2.54	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166786	0.01093	2.51	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166786	0.01085	2.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166786	0.01076	2.68	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166786	0.01079	2.69	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166786	0.01119	2.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166786	0.00948	2.63	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166786	0.00828	2.82	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166786	0.00731	3.25	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166786	0.00655	3.55	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166786	0.00591	3.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166786	0.00541	3.77	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166806	0.00087	3.63	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166806	0.00116	3.38	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166806	0.00136	3.23	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166806	0.0016	3.22	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166806	0.0019	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166806	0.00227	3.37	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166806	0.00277	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166806	0.00337	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166806	0.00418	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166806	0.00539	2.93	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166806	0.00763	2.83	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166806	0.01141	2.82	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166806	0.0102	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166806	0.00959	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166806	0.00922	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166806	0.00902	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166806	0.00898	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166806	0.00887	2.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166806	0.0088	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166806	0.00877	2.7	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166806	0.00888	2.73	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166806	0.0094	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166806	0.01204	3.47	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166806	0.0112	2.98	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166806	0.00967	2.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166806	0.00815	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166806	0.00707	3.17	320.02	1.5	ANNUAL	PM25_28	5

UCART1	552524.8	4166806	0.00629	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166806	0.00566	3.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166806	0.00516	3.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166826	0.00088	3.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166826	0.00116	3.73	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166826	0.00135	3.69	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166826	0.00159	3.63	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166826	0.00188	3.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166826	0.00224	3.21	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166826	0.00269	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166826	0.00324	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166826	0.00395	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166826	0.00496	2.96	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166826	0.00674	2.85	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166826	0.01112	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166826	0.00959	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166826	0.00871	3.18	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166826	0.00816	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166826	0.00782	3.11	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166826	0.00769	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166826	0.00754	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166826	0.00746	2.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166826	0.00747	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166826	0.00765	2.62	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166826	0.00826	2.45	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166826	0.01047	3.92	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166826	0.00985	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166826	0.00915	2.42	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166826	0.00781	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166826	0.0068	2.71	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166826	0.00603	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166826	0.00541	3.25	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166826	0.00493	3.18	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166846	0.00089	3.44	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166846	0.00102	3.53	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166846	0.00135	3.96	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166846	0.00158	3.9	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166846	0.00185	3.68	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166846	0.00218	3.42	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166846	0.0026	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166846	0.00309	2.92	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166846	0.0037	3	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166846	0.00454	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166846	0.00599	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166846	0.01116	2.67	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166846	0.00932	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166846	0.0082	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166846	0.00749	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166846	0.00702	3.18	320.02	1.5	ANNUAL	PM25_28	5

UCART1	552204.8	4166846	0.0068	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166846	0.00664	2.62	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166846	0.00656	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166846	0.00659	2.51	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166846	0.00682	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166846	0.00751	2.44	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166846	0.01006	2.41	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166846	0.00925	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166846	0.00863	2.46	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166846	0.00737	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166846	0.00643	2.79	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166846	0.00571	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166846	0.00514	3.04	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551904.6	4166869	0.00135	4.03	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551924.6	4166869	0.00156	4.05	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166869	0.0018	3.81	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166869	0.0021	3.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166869	0.00246	3.22	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166869	0.00289	2.92	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166869	0.0034	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166869	0.0041	3.06	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166869	0.00526	2.84	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166869	0.00639	2.67	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552104.6	4166869	0.01135	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166869	0.00916	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166869	0.00784	2.96	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166869	0.00699	3.04	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166869	0.00643	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166869	0.00612	3.03	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166869	0.00593	2.8	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166869	0.00585	2.59	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166869	0.0059	2.47	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166869	0.00617	2.45	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552304.6	4166869	0.00695	2.45	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166869	0.00888	2.66	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166869	0.00946	2.02	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166869	0.00871	2.48	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552464.6	4166869	0.00815	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166869	0.00694	2.66	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166869	0.00604	2.85	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552524.6	4166869	0.00536	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552544.6	4166869	0.00483	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551884.6	4166889	0.00118	3.59	356.4	1.5	ANNUAL	PM25_28	5
UCART2	551924.6	4166889	0.00153	4.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166889	0.00176	3.83	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166889	0.00202	3.51	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166889	0.00233	3.33	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166889	0.0027	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166889	0.00315	3.05	320.02	1.5	ANNUAL	PM25_28	5

UCART2	552044.6	4166889	0.00375	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166889	0.00474	2.83	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166889	0.00695	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552104.6	4166889	0.01172	2.97	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166889	0.00913	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166889	0.00766	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166889	0.00671	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166889	0.0061	3.07	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166889	0.00571	3.2	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166889	0.00549	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166889	0.00541	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166889	0.00548	2.55	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166889	0.00579	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552304.6	4166889	0.00667	2.52	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166889	0.01041	2.72	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166889	0.00891	2.57	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166889	0.00829	2.6	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552464.6	4166889	0.00777	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166889	0.00659	2.7	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166889	0.00572	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552524.6	4166889	0.00506	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551924.6	4166909	0.0015	3.97	356.4	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166909	0.0017	3.62	356.4	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166909	0.00194	3.34	356.4	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166909	0.0022	3.25	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166909	0.00251	3.13	345.72	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166909	0.0029	3.09	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166909	0.00344	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166909	0.00427	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166909	0.00599	2.94	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166909	0.00925	2.94	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166909	0.00759	3.07	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166909	0.00655	3.11	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166909	0.00589	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166909	0.00545	3.1	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166909	0.00518	3.17	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166909	0.00507	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166909	0.00513	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166909	0.00547	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552304.6	4166909	0.00648	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166909	0.00993	2.72	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166909	0.00845	2.84	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166909	0.00788	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552464.6	4166909	0.00742	2.7	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166909	0.0063	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166909	0.00545	2.79	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552524.6	4166909	0.00481	3.04	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551904.6	4166929	0.0013	3.93	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551924.6	4166929	0.00146	3.89	356.88	1.5	ANNUAL	PM25_28	5

UCART2	551944.6	4166929	0.00164	3.65	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166929	0.00183	3.52	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166929	0.00206	3.22	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166929	0.00233	3.18	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166929	0.00268	3.14	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166929	0.00315	3.08	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166929	0.00388	3.03	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166929	0.00528	2.98	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166929	0.00947	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166929	0.00763	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166929	0.00648	3.11	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166929	0.00574	3.14	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166929	0.00525	3.29	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166929	0.00496	3.4	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166929	0.00484	3.48	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166929	0.00491	3.5	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166929	0.00529	3.43	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552304.6	4166929	0.00642	3.36	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166929	0.00936	2.77	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166929	0.00799	2.93	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166929	0.0075	3	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552464.6	4166929	0.0071	2.83	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166929	0.00603	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166929	0.0052	2.7	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166949	0.00155	3.84	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166949	0.00172	3.8	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166949	0.00193	3.23	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166949	0.00216	3.19	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166949	0.00246	3.21	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166949	0.00289	3.15	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166949	0.00355	3.03	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166949	0.00473	2.97	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166949	0.00978	2.98	345.72	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166949	0.00775	3.04	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166949	0.00649	3.11	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166949	0.00565	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166949	0.00512	3.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166949	0.00482	3.63	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166949	0.0047	3.7	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166949	0.00481	3.64	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166949	0.00527	3.57	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166949	0.00876	2.84	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166949	0.00756	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166949	0.00717	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552464.6	4166949	0.00679	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166949	0.00577	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166949	0.00497	2.62	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166969	0.00147	4.26	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166969	0.00162	3.85	356.88	1.5	ANNUAL	PM25_28	5

UCART2	551984.6	4166969	0.00179	3.49	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166969	0.002	3.35	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166969	0.00226	3.37	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166969	0.00265	3.28	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166969	0.00323	3.16	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166969	0.00423	3.3	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166969	0.01022	3.09	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166969	0.00788	3.29	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166969	0.00653	3.24	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166969	0.00571	2.91	345.72	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166969	0.00559	2.19	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166969	0.00818	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166969	0.00711	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166969	0.00676	3.54	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166989	0.00151	4.16	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166989	0.00167	3.67	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166989	0.00185	3.5	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166989	0.00209	3.48	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166989	0.00242	3.41	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166989	0.00294	3.34	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166989	0.00381	3.5	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552104.6	4166989	0.0059	3.14	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166989	0.01089	3.09	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166989	0.00825	2.83	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166989	0.00524	2.19	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166989	0.00482	3.33	345.72	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166989	0.00479	3.13	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166989	0.00514	2.47	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552364.6	4166989	0.00934	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166989	0.00773	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166989	0.00672	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166989	0.00647	3.48	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4167009	0.0014	4.62	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4167009	0.00155	3.8	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4167009	0.00171	3.64	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4167009	0.00193	3.55	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4167009	0.00222	3.54	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4167009	0.00267	3.56	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4167009	0.00344	3.58	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552104.6	4167009	0.00509	3.57	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4167009	0.00576	3.64	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4167009	0.00517	3.57	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4167009	0.00483	4.03	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4167009	0.00486	4.2	348.95	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4167009	0.00541	4.36	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4167029	0.00143	4.15	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4167029	0.00158	3.82	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4167029	0.00178	3.55	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4167029	0.00204	3.58	356.88	1.5	ANNUAL	PM25_28	5

UCART2	552064.6	4167029	0.00243	3.56	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4167029	0.00317	2.77	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4167029	0.0089	3.29	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4167029	0.00712	3.03	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4167029	0.00587	3.98	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4167029	0.00529	3.96	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4167029	0.00508	3.93	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4167029	0.00529	4.07	356.4	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4167049	0.00133	4.63	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4167049	0.00147	3.92	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4167049	0.00165	3.36	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4167049	0.00189	3.04	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4167049	0.00226	2.79	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4167049	0.00938	3.84	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4167049	0.00749	3.61	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4167049	0.00623	4.13	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4167049	0.00562	4.14	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4167049	0.00557	3.85	356.88	1.5	ANNUAL	PM25_28	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Num Years
UCART1	552064.8	4166026	0.00473	4.6	4.6	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166026	0.00519	4.06	4.06	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166026	0.00561	3.76	3.76	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166026	0.00597	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166026	0.00632	3.84	3.84	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166026	0.0067	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166026	0.007	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166026	0.00729	3.16	3.16	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166026	0.00754	3	3	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166026	0.00778	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166026	0.008	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166026	0.00824	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166026	0.00856	2.98	2.98	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166026	0.00904	3.02	3.02	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166026	0.00987	2.88	2.88	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166026	0.01141	2.63	2.63	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166046	0.00623	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166046	0.0068	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166046	0.00725	3.73	3.73	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166046	0.00765	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166046	0.008	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166046	0.00829	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166046	0.00851	3.46	3.46	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166046	0.00871	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166046	0.00887	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166046	0.00899	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166046	0.00912	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166046	0.00927	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166046	0.00961	3.03	3.03	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166046	0.01022	2.68	2.68	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166046	0.01131	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166046	0.01351	2.37	2.37	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166066	0.00555	4.58	4.58	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166066	0.00573	4.32	4.32	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166066	0.00589	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166066	0.00615	4.1	4.1	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166066	0.00654	3.84	3.84	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166066	0.00713	3.7	3.7	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166066	0.0078	3.7	3.7	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166066	0.00854	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166066	0.00915	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166066	0.00955	3.76	3.76	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166066	0.00989	3.7	3.7	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166066	0.01016	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166066	0.01029	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166066	0.0104	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166066	0.01043	3.29	3.29	1.5	ANNUAL	PM25_29	5

UCART1	552224.8	4166066	0.01038	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166066	0.01031	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166066	0.01028	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166066	0.01032	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166066	0.01068	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166066	0.0114	2.56	2.56	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166066	0.01279	2.3	2.3	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166066	0.01586	2.29	2.29	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166086	0.00674	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166086	0.00706	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166086	0.00749	4.65	4.65	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166086	0.00828	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166086	0.00936	3.82	3.82	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166086	0.01043	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166086	0.0113	3.65	3.65	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166086	0.01206	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166086	0.01252	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166086	0.01274	3.79	3.79	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166086	0.0129	3.73	3.73	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166086	0.01296	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166086	0.01285	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166086	0.01272	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166086	0.01242	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166086	0.01204	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166086	0.0117	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166086	0.01147	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166086	0.01137	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166086	0.01177	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166086	0.0126	2.59	2.59	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166086	0.01438	2.38	2.38	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166086	0.01825	2.34	2.34	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166086	0.03472	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166086	0.02799	3	3	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166086	0.02324	2.42	2.42	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166086	0.0196	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166086	0.0169	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166086	0.01489	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166106	0.00728	4.88	4.88	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166106	0.00788	4.68	4.68	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166106	0.00849	4.62	4.62	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166106	0.00912	4.94	4.94	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166106	0.01036	5.06	5.06	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166106	0.01242	4.8	4.8	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166106	0.01468	4.16	4.16	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166106	0.01623	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166106	0.01698	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166106	0.01735	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166106	0.01732	3.79	3.79	1.5	ANNUAL	PM25_29	5

UCART1	552104.8	4166106	0.01729	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166106	0.01709	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166106	0.01668	3.82	3.82	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166106	0.0161	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166106	0.01542	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166106	0.01462	2.54	2.54	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166106	0.01382	2.4	2.4	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166106	0.01319	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166106	0.01278	2.61	2.61	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166106	0.01252	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166106	0.01287	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166106	0.0138	2.78	2.78	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166106	0.01592	2.59	2.59	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166106	0.02039	2.47	2.47	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166106	0.03496	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166106	0.02845	2.84	2.84	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166106	0.02378	2.61	2.61	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166106	0.02029	2.68	2.68	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166106	0.01766	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166106	0.01565	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166126	0.00769	4.78	4.78	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166126	0.00901	4.77	4.77	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166126	0.01025	4.62	4.62	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166126	0.01152	4.62	4.62	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166126	0.01357	5	5	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166126	0.01745	5.31	5.31	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166126	0.02168	5.06	5.06	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166126	0.02472	4.41	4.41	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166126	0.02615	3.8	3.8	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166126	0.0262	3.46	3.46	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166126	0.02566	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166126	0.02477	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166126	0.0241	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166126	0.02312	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166126	0.02159	3.92	3.92	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166126	0.01986	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166126	0.01828	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166126	0.01678	2.4	2.4	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166126	0.01552	2.26	2.26	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166126	0.01459	2.26	2.26	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166126	0.01399	2.35	2.35	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166126	0.01371	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166126	0.014	2.78	2.78	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166126	0.01502	2.71	2.71	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166126	0.01734	2.58	2.58	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166126	0.02224	2.58	2.58	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166126	0.03514	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166126	0.02879	2.77	2.77	1.5	ANNUAL	PM25_29	5

UCART1	552504.8	4166126	0.02422	2.74	2.74	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166126	0.02084	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166126	0.01829	2.75	2.75	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166126	0.01634	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166146	0.00722	4.84	4.84	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166146	0.00889	4.67	4.67	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166146	0.01146	4.62	4.62	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166146	0.01478	4.54	4.54	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166146	0.01902	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166146	0.02977	4.83	4.83	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166146	0.03762	5.39	5.39	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166146	0.04171	5.1	5.1	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166146	0.04356	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166146	0.04398	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166146	0.04287	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166146	0.04042	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166146	0.03787	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166146	0.03529	3.6	3.6	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166146	0.03148	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166146	0.02729	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166146	0.02371	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166146	0.02113	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166146	0.01888	2.61	2.61	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166146	0.01717	2.65	2.65	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166146	0.01596	2.6	2.6	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166146	0.01519	2.45	2.45	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166146	0.01487	2.45	2.45	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166146	0.01512	2.53	2.53	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166146	0.01619	2.38	2.38	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166146	0.01862	2.35	2.35	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166146	0.02377	2.69	2.69	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166146	0.03544	2.64	2.64	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166146	0.02915	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166146	0.02466	2.81	2.81	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166146	0.02133	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166146	0.01887	2.87	2.87	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166146	0.01702	2.77	2.77	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166166	0.00646	4.89	4.89	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166166	0.00791	4.93	4.93	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166166	0.01011	4.86	4.86	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166166	0.01429	4.75	4.75	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166166	0.07581	4.38	4.38	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166166	0.09315	4.46	4.46	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166166	0.08149	4.25	4.25	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166166	0.08758	3.97	3.97	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166166	0.08814	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166166	0.08257	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166166	0.07463	3.38	3.38	1.5	ANNUAL	PM25_29	5

UCART1	552084.8	4166166	0.06592	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166166	0.05257	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166166	0.04123	3.3	3.3	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166166	0.0333	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166166	0.02774	3.09	3.09	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166166	0.02378	2.82	2.82	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166166	0.02084	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166166	0.01869	2.98	2.98	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166166	0.01721	2.97	2.97	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166166	0.0163	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166166	0.01591	2.62	2.62	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166166	0.01609	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166166	0.01717	2.68	2.68	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166166	0.01967	2.59	2.59	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166166	0.0249	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166166	0.04447	2.78	2.78	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166166	0.0358	2.15	2.15	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166166	0.02969	2.39	2.39	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166166	0.02512	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166166	0.02185	3.05	3.05	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166166	0.01948	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166166	0.01771	2.84	2.84	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166186	0.00565	4.79	4.79	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166186	0.00683	4.87	4.87	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166186	0.00856	4.91	4.91	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166186	0.01138	4.81	4.81	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166186	0.01721	4.68	4.68	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166186	0.08109	4.43	4.43	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166186	0.07369	4.41	4.41	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166186	0.07424	4.15	4.15	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166186	0.0772	3.85	3.85	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166186	0.08146	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166186	0.08703	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166186	0.08421	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166186	0.09708	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166186	0.06551	3.25	3.25	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166186	0.0483	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166186	0.03772	3.02	3.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166186	0.03072	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166186	0.02589	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166186	0.02246	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166186	0.02001	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166186	0.01831	3.13	3.13	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166186	0.01728	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166186	0.01685	2.43	2.43	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166186	0.01701	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166186	0.01806	2.5	2.5	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166186	0.02057	2.51	2.51	1.5	ANNUAL	PM25_29	5

UCART1	552364.8	4166186	0.02587	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166186	0.02576	2.75	2.75	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166186	0.0226	2.74	2.74	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166186	0.02022	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166186	0.01846	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166206	0.00583	4.8	4.8	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166206	0.00712	4.89	4.89	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166206	0.00914	4.78	4.78	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166206	0.01269	4.57	4.57	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166206	0.01998	4.46	4.46	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166206	0.08126	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166206	0.06386	4.84	4.84	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166206	0.05722	4.36	4.36	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166206	0.0545	3.85	3.85	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166206	0.0539	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166206	0.05509	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166206	0.05971	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166206	0.08648	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166206	0.06446	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166206	0.04951	3.26	3.26	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166206	0.03924	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166206	0.03199	3.61	3.61	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166206	0.02718	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166206	0.02361	3.16	3.16	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166206	0.02104	3.07	3.07	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166206	0.01922	3.03	3.03	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166206	0.0181	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166206	0.04525	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166206	0.03665	2.12	2.12	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166206	0.0234	1.62	1.62	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166206	0.02113	2.52	2.52	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166206	0.01929	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166226	0.00601	4.64	4.64	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166226	0.00747	4.4	4.4	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166226	0.00985	4.18	4.18	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166226	0.01392	4.27	4.27	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166226	0.05773	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166226	0.06286	4.66	4.66	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166226	0.05315	4.32	4.32	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166226	0.04787	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166226	0.04549	3.79	3.79	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166226	0.04621	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166226	0.05345	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166226	0.07772	3.69	3.69	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166226	0.05978	3.77	3.77	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166226	0.04779	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166226	0.03909	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166226	0.0325	3.5	3.5	1.5	ANNUAL	PM25_29	5

UCART1	552184.8	4166226	0.0278	3.3	3.3	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166226	0.04525	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166226	0.02727	2.68	2.68	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166226	0.02432	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166226	0.02041	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166246	0.00618	4.53	4.53	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166246	0.00782	4.09	4.09	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166246	0.01044	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166246	0.01446	4.17	4.17	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166246	0.02137	4.33	4.33	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166246	0.0357	4.45	4.45	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166246	0.04112	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166246	0.0632	4.58	4.58	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166246	0.05168	4.41	4.41	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166246	0.0453	4.19	4.19	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166246	0.04243	4.1	4.1	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166246	0.04353	3.97	3.97	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166246	0.05336	3.76	3.76	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166246	0.05624	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166246	0.07312	3.73	3.73	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166246	0.05714	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166246	0.04635	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166246	0.03867	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166246	0.03276	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166246	0.02208	2.05	2.05	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166246	0.02023	2.49	2.49	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166246	0.01893	3.16	3.16	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166246	0.01841	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166246	0.01859	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166246	0.01974	3.17	3.17	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166246	0.02244	3.13	3.13	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166246	0.05712	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166246	0.04534	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166246	0.0373	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166246	0.03189	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166246	0.02794	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166246	0.02509	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166246	0.02318	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166266	0.00637	4.46	4.46	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166266	0.00811	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166266	0.01071	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166266	0.01437	4.26	4.26	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166266	0.02077	4.33	4.33	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166266	0.03422	4.42	4.42	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166266	0.06379	4.6	4.6	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166266	0.05151	4.67	4.67	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166266	0.04474	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166266	0.0418	4.43	4.43	1.5	ANNUAL	PM25_29	5

UCART1	552024.8	4166266	0.04319	4.25	4.25	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166266	0.05389	3.92	3.92	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166266	0.07201	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166266	0.07214	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166266	0.05657	3.62	3.62	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166266	0.04594	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166266	0.03855	2.87	2.87	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166266	0.02457	2.78	2.78	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166266	0.02196	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166266	0.02022	3.13	3.13	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166266	0.01912	3.3	3.3	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166266	0.01867	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166266	0.01893	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166266	0.0202	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166266	0.02309	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166266	0.05754	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166266	0.04588	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166266	0.03806	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166266	0.03289	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166266	0.02906	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166266	0.02627	3.62	3.62	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166266	0.02434	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166266	0.02288	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166286	0.00658	4.36	4.36	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166286	0.00825	4.11	4.11	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166286	0.01055	4.23	4.23	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166286	0.01407	4.11	4.11	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166286	0.01978	4.18	4.18	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166286	0.03115	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166286	0.069	4.49	4.49	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166286	0.05525	4.29	4.29	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166286	0.04706	4.28	4.28	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166286	0.04304	4.41	4.41	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166286	0.04397	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166286	0.05509	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166286	0.09673	3.56	3.56	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166286	0.07186	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166286	0.05667	3.49	3.49	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166286	0.04643	2.81	2.81	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166286	0.02766	2.55	2.55	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166286	0.02413	3.21	3.21	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166286	0.02176	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166286	0.02021	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166286	0.01928	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166286	0.01895	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166286	0.01933	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166286	0.02075	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166286	0.02389	3.25	3.25	1.5	ANNUAL	PM25_29	5

UCART1	552424.8	4166286	0.05774	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166286	0.0465	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166286	0.03907	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166286	0.03416	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166286	0.0305	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166286	0.02783	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166286	0.0259	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166286	0.02444	3.65	3.65	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166306	0.00465	5.27	5.27	1.5	ANNUAL	PM25_29	5
UCART1	551784.8	4166306	0.00552	4.78	4.78	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166306	0.00672	4.32	4.32	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166306	0.00827	4.26	4.26	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166306	0.01032	4.48	4.48	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166306	0.01363	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166306	0.01851	4	4	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166306	0.02699	4.2	4.2	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166306	0.0415	4.34	4.34	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166306	0.08246	4.36	4.36	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166306	0.06191	4.09	4.09	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166306	0.05107	4.13	4.13	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166306	0.04534	4.36	4.36	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166306	0.04521	4.29	4.29	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166306	0.05537	3.95	3.95	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166306	0.0716	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166306	0.07364	3.11	3.11	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166306	0.03099	3.31	3.31	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166306	0.02672	3.33	3.33	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166306	0.02358	3.61	3.61	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166306	0.02155	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166306	0.02023	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166306	0.01947	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166306	0.0193	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166306	0.01984	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166306	0.02147	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166306	0.02492	3.25	3.25	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166306	0.05805	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166306	0.04749	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166306	0.04052	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166306	0.03585	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166306	0.03233	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166306	0.02974	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166306	0.02779	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166306	0.02627	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166326	0.0048	4.79	4.79	1.5	ANNUAL	PM25_29	5
UCART1	551784.8	4166326	0.00566	4.51	4.51	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166326	0.00677	4.35	4.35	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166326	0.00819	4.39	4.39	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166326	0.01013	4.3	4.3	1.5	ANNUAL	PM25_29	5

UCART1	551864.8	4166326	0.01312	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166326	0.01713	3.77	3.77	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166326	0.02343	4.09	4.09	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166326	0.03561	4.26	4.26	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166326	0.07018	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166326	0.05594	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166326	0.04849	4.29	4.29	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166326	0.04669	4.19	4.19	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166326	0.05397	4.03	4.03	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166326	0.05515	3.79	3.79	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166326	0.04427	2.72	2.72	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166326	0.03565	2.98	2.98	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166326	0.02986	3.29	3.29	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166326	0.02595	3.47	3.47	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166326	0.02306	4.02	4.02	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166326	0.02137	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166326	0.02034	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166326	0.01979	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166326	0.01979	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166326	0.02057	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166326	0.02248	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166326	0.02634	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166326	0.05913	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166326	0.04938	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166326	0.04281	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166326	0.03821	3.03	3.03	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166326	0.03464	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166326	0.03205	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166326	0.03003	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166326	0.0283	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166346	0.00491	4.79	4.79	1.5	ANNUAL	PM25_29	5
UCART1	551784.8	4166346	0.00573	4.59	4.59	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166346	0.00668	5.05	5.05	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166346	0.00786	5.62	5.62	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166346	0.0096	5.2	5.2	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166346	0.01209	4.5	4.5	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166346	0.01563	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166346	0.02065	4.08	4.08	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166346	0.02914	4.28	4.28	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166346	0.03825	4.17	4.17	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166346	0.08296	4.15	4.15	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166346	0.06236	4.34	4.34	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166346	0.05227	4.32	4.32	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166346	0.04826	4.18	4.18	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166346	0.05179	4.03	4.03	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166346	0.07012	2.83	2.83	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166346	0.05115	2.89	2.89	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166346	0.04031	3.13	3.13	1.5	ANNUAL	PM25_29	5

Term131S	552144.8	4166346	0.0334	3.24	3.24	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166346	0.02872	3.2	3.2	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166346	0.02536	3.38	3.38	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166346	0.0229	3.78	3.78	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166346	0.02141	3.6	3.6	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166346	0.02056	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166346	0.02025	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166346	0.02051	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166346	0.02158	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166346	0.02389	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166346	0.02835	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166346	0.06094	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166346	0.05181	3.15	3.15	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166346	0.0456	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166346	0.04105	2.81	2.81	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166346	0.03729	3.3	3.3	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166346	0.03459	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166346	0.03231	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166346	0.03034	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166366	0.00498	4.82	4.82	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166366	0.00663	5.3	5.3	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166366	0.00766	6.04	6.04	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166366	0.00922	5.49	5.49	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166366	0.01133	4.89	4.89	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166366	0.01441	4.05	4.05	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166366	0.01854	4.02	4.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166366	0.02495	4.2	4.2	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166366	0.0377	4.1	4.1	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166366	0.07088	4.23	4.23	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166366	0.05713	4.26	4.26	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166366	0.05042	4.13	4.13	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166366	0.04922	3.98	3.98	1.5	ANNUAL	PM25_29	5
Term131S	552064.8	4166366	0.05169	3.93	3.93	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166366	0.04839	3.53	3.53	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166366	0.0417	3.46	3.46	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166366	0.03586	3.4	3.4	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166366	0.03133	3.26	3.26	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166366	0.02781	3.08	3.08	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166366	0.02504	3.2	3.2	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166366	0.02303	3.39	3.39	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166366	0.02171	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166366	0.02103	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166366	0.02104	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166366	0.02165	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166366	0.02315	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166366	0.02607	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166366	0.0314	3.15	3.15	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166366	0.06381	3.33	3.33	1.5	ANNUAL	PM25_29	5

UCART1	552444.8	4166366	0.055	3.17	3.17	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166366	0.04894	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166366	0.04431	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166366	0.04023	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166366	0.03723	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166366	0.03457	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166366	0.03233	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166386	0.00502	4.81	4.81	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166386	0.00667	4.48	4.48	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166386	0.00775	4.53	4.53	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166386	0.00918	4.19	4.19	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166386	0.01111	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166386	0.01356	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166386	0.017	3.78	3.78	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166386	0.02216	3.86	3.86	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166386	0.03101	3.97	3.97	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166386	0.04588	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166386	0.08352	3.84	3.84	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166386	0.06372	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166386	0.05365	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166386	0.04778	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166386	0.04345	3.91	3.91	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166386	0.04023	3.46	3.46	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166386	0.03665	3.3	3.3	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166386	0.03332	3.17	3.17	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166386	0.03032	3.04	3.04	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166386	0.02763	2.93	2.93	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166386	0.02529	3.02	3.02	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166386	0.02353	3.26	3.26	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166386	0.02243	3.45	3.45	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166386	0.02203	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166386	0.02245	3.25	3.25	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166386	0.02361	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166386	0.02581	3.6	3.6	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166386	0.02966	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166386	0.03612	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166386	0.06807	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166386	0.05918	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166386	0.05274	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166386	0.04773	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166386	0.04332	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166386	0.03973	3.76	3.76	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166386	0.03671	4.08	4.08	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166386	0.03425	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166406	0.00501	4.89	4.89	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166406	0.00658	4.43	4.43	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166406	0.00758	4.46	4.46	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166406	0.00887	4.25	4.25	1.5	ANNUAL	PM25_29	5

UCART1	551864.8	4166406	0.01064	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166406	0.01273	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166406	0.0157	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166406	0.01999	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166406	0.02661	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166406	0.03968	3.95	3.95	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166406	0.07178	3.79	3.79	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166406	0.05761	3.82	3.82	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166406	0.04892	3.78	3.78	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166406	0.04304	3.79	3.79	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166406	0.03912	3.45	3.45	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166406	0.03583	3.19	3.19	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166406	0.03306	3.05	3.05	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166406	0.03074	2.95	2.95	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166406	0.02859	2.86	2.86	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166406	0.02652	2.92	2.92	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166406	0.02484	3.19	3.19	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166406	0.02391	3.45	3.45	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166406	0.02393	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166406	0.02507	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166406	0.02719	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166406	0.03068	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166406	0.03586	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166406	0.04349	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166406	0.0733	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166406	0.06392	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166406	0.05693	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166406	0.0514	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166406	0.04651	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166406	0.04235	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166406	0.03897	4.17	4.17	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166406	0.03612	4.07	4.07	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166426	0.00645	4.47	4.47	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166426	0.00737	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166426	0.00855	4.45	4.45	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166426	0.01017	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166426	0.01203	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166426	0.01465	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166426	0.0183	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166426	0.02358	3.87	3.87	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166426	0.03293	3.92	3.92	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166426	0.07994	3.69	3.69	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166426	0.06205	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166426	0.05158	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166426	0.0448	3.68	3.68	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166426	0.04035	3.46	3.46	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166426	0.03712	3.13	3.13	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166426	0.0345	3.01	3.01	1.5	ANNUAL	PM25_29	5

Term131S	552144.8	4166426	0.03252	2.96	2.96	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166426	0.03089	2.86	2.86	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166426	0.02918	2.88	2.88	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166426	0.02753	3.17	3.17	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166426	0.02679	3.47	3.47	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166426	0.02764	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166426	0.0302	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166426	0.03442	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166426	0.03987	3.56	3.56	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166426	0.04636	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166426	0.05458	3.07	3.07	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166426	0.07932	2.98	2.98	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166426	0.06909	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166426	0.06138	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166426	0.05524	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166426	0.04971	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166426	0.04502	3.92	3.92	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166426	0.04126	3.99	3.99	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166426	0.03789	4.12	4.12	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166446	0.00725	4.03	4.03	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166446	0.00836	3.96	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166446	0.00978	3.65	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166446	0.01153	3.6	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166446	0.01385	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166446	0.01699	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166446	0.02146	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166446	0.02871	3.87	3.87	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166446	0.04481	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166446	0.06711	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166446	0.05489	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166446	0.04735	3.82	3.82	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166446	0.04284	3.47	3.47	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166446	0.03956	3.21	3.21	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166446	0.03704	3.22	3.22	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166446	0.03531	3.25	3.25	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166446	0.03445	3.12	3.12	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166446	0.03391	2.94	2.94	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166446	0.03285	3.22	3.22	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166446	0.03282	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166446	0.03555	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166446	0.04181	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166446	0.04974	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166446	0.05663	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166446	0.06266	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166446	0.06964	3.09	3.09	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166446	0.08548	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166446	0.07447	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166446	0.06608	2.89	2.89	1.5	ANNUAL	PM25_29	5

UCART1	552484.8	4166446	0.05915	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166446	0.05281	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166446	0.04767	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166446	0.04335	3.86	3.86	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166446	0.03954	4.01	4.01	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166466	0.00701	4.37	4.37	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166466	0.00794	4.91	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166466	0.009	5.72	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166466	0.01059	5.25	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166466	0.0129	4.08	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166466	0.01591	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166466	0.01978	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166466	0.02571	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166466	0.0373	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166466	0.07345	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166466	0.05936	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166466	0.05106	3.73	3.73	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166466	0.0459	3.65	3.65	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166466	0.04284	3.36	3.36	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166466	0.04078	3.34	3.34	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166466	0.03972	3.38	3.38	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166466	0.04008	3.27	3.27	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166466	0.04194	3	3	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166466	0.04423	3.18	3.18	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166466	0.04678	3.42	3.42	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166466	0.05777	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552264.8	4166466	0.07169	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166466	0.07983	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166466	0.08302	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166466	0.08522	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166466	0.08892	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166466	0.09233	3.25	3.25	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166466	0.0801	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166466	0.07071	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166466	0.06291	2.81	2.81	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166466	0.0558	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166466	0.05007	3.61	3.61	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166466	0.04522	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166486	0.00673	4.93	4.93	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166486	0.0075	6.14	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166486	0.00819	8.08	8.08	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166486	0.0097	7.1	7.1	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166486	0.01204	4.75	7.05	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166486	0.01498	3.32	7.05	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166486	0.01839	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166486	0.02345	3.78	3.78	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166486	0.03259	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166486	0.08164	3.71	3.71	1.5	ANNUAL	PM25_29	5

UCART1	552044.8	4166486	0.06448	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166486	0.05551	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166486	0.04954	3.86	3.86	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166486	0.04697	3.54	3.54	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166486	0.04599	3.39	3.39	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166486	0.04654	3.4	3.4	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166486	0.04962	3.37	3.37	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166486	0.05737	3.06	3.06	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166486	0.07037	3.06	3.06	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166486	0.11771	3.27	3.27	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166486	0.13707	3.4	3.4	1.5	ANNUAL	PM25_29	5
Term131S	552264.8	4166486	0.13525	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166486	0.12875	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166486	0.1211	3.56	3.56	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166486	0.11573	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166486	0.11251	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166486	0.09978	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166486	0.08577	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166486	0.07504	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166486	0.06633	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166486	0.05861	3.23	3.23	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166486	0.05218	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166486	0.04686	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166506	0.00653	4.76	4.76	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166506	0.00731	5.64	5.64	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166506	0.00811	7	7	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166506	0.00971	5.3	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166506	0.01167	4.02	7.05	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166506	0.01412	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166506	0.0173	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166506	0.02182	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166506	0.02956	3.49	3.49	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166506	0.04646	3.46	3.46	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166506	0.08923	3.56	3.56	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166506	0.06876	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166506	0.05984	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166506	0.05513	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166506	0.05305	3.49	3.49	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166506	0.05394	3.41	3.41	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166506	0.05933	3.37	3.37	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166506	0.07106	3.37	3.37	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166506	0.09312	3.18	3.18	1.5	ANNUAL	PM25_29	5
Term131S	552264.8	4166506	0.26472	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166506	0.21194	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166506	0.17908	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166506	0.15424	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166506	0.13936	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166506	0.10716	3.13	3.13	1.5	ANNUAL	PM25_29	5

UCART1	552444.8	4166506	0.09139	3.17	3.17	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166506	0.0793	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166506	0.06952	2.84	2.84	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166506	0.06098	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166506	0.05391	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166506	0.04807	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166526	0.00638	4.47	4.47	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166526	0.00714	5.15	5.15	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166526	0.00803	5.83	5.83	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166526	0.00945	4.58	4.58	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166526	0.01117	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166526	0.01335	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166526	0.01627	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166526	0.02038	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166526	0.02718	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166526	0.04093	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166526	0.07245	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166526	0.0634	3.61	3.61	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166526	0.06149	3.47	3.47	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166526	0.06276	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166526	0.07211	3.41	3.41	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166526	0.10281	3.34	3.34	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166526	0.15278	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166526	0.35584	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166526	0.24861	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166526	0.19587	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166526	0.16833	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166526	0.11367	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166526	0.09638	3	3	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166526	0.08301	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166526	0.0722	2.73	2.73	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166526	0.06294	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166526	0.05525	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166526	0.04369	4.08	4.08	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166546	0.00623	4.12	4.12	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166546	0.00698	4.64	4.64	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166546	0.00792	4.64	4.64	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166546	0.00909	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166546	0.01065	4.09	4.09	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166546	0.01267	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166546	0.01534	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166546	0.01917	3.65	3.65	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166546	0.02522	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166546	0.03678	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166546	0.07627	3.8	3.8	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166546	0.06606	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166546	0.0669	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166546	0.45373	3.25	3.25	1.5	ANNUAL	PM25_29	5

UCART1	552304.8	4166546	0.30807	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166546	0.23531	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166546	0.19765	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166546	0.11896	2.82	2.82	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166546	0.10035	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166546	0.08585	2.63	2.63	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166546	0.07419	2.56	2.56	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166546	0.0644	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166546	0.05613	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166546	0.04422	3.87	3.87	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166566	0.00608	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166566	0.00685	3.85	3.85	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166566	0.00773	4.08	4.08	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166566	0.00882	4.2	4.2	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166566	0.01027	3.87	3.87	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166566	0.01215	3.62	3.62	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166566	0.01464	3.6	3.6	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166566	0.01823	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166566	0.02374	3.69	3.69	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166566	0.03386	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166566	0.08133	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166566	0.07059	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166566	0.07433	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166566	0.3524	3.09	3.09	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166566	0.26706	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166566	0.22307	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166566	0.12213	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166566	0.10243	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166566	0.08724	2.62	2.62	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166566	0.07502	2.61	2.61	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166566	0.06474	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166566	0.04979	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166566	0.04436	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166586	0.00669	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166586	0.00752	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166586	0.00856	3.82	3.82	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166586	0.00992	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166586	0.01169	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166586	0.01406	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166586	0.01746	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166586	0.02255	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166586	0.03157	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166586	0.04188	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166586	0.08711	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166586	0.07503	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166586	0.08036	3.09	3.09	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166586	0.11838	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166586	0.39581	3	3	1.5	ANNUAL	PM25_29	5

UCART1	552324.8	4166586	0.29257	2.83	2.83	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166586	0.24002	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166586	0.12337	2.73	2.73	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166586	0.10298	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166586	0.08736	2.62	2.62	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166586	0.0748	2.73	2.73	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166586	0.06431	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166586	0.0496	3.86	3.86	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166586	0.04421	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166606	0.00513	4.01	4.01	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166606	0.00651	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166606	0.00732	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166606	0.00834	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166606	0.0096	3.49	3.49	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166606	0.01127	3.49	3.49	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166606	0.01355	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166606	0.01682	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166606	0.02161	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166606	0.02979	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166606	0.04733	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166606	0.0714	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166606	0.0791	3.26	3.26	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166606	0.0819	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166606	0.11382	3.23	3.23	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166606	0.43662	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166606	0.31462	2.71	2.71	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166606	0.24729	2.74	2.74	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166606	0.1503	2.47	2.47	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166606	0.12271	2.54	2.54	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166606	0.10216	2.55	2.55	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166606	0.08638	2.58	2.58	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166606	0.07371	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166606	0.05559	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166606	0.04904	3.86	3.86	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166606	0.04379	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166626	0.00502	4.01	4.01	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166626	0.00635	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166626	0.00715	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166626	0.00813	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166626	0.00934	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166626	0.01091	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166626	0.01305	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166626	0.01616	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166626	0.02074	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166626	0.02817	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166626	0.04298	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166626	0.08386	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166626	0.08402	3.28	3.28	1.5	ANNUAL	PM25_29	5

UCART1	552104.8	4166626	0.10966	3.07	3.07	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166626	0.4747	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166626	0.33109	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166626	0.24881	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166626	0.14658	2.45	2.45	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166626	0.1197	2.48	2.48	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166626	0.09978	2.46	2.46	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166626	0.08421	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166626	0.07177	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166626	0.05459	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166626	0.0483	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166626	0.04316	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166646	0.00493	3.84	3.84	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166646	0.00618	3.16	3.16	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166646	0.007	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166646	0.00796	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166646	0.00912	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166646	0.01062	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166646	0.01266	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166646	0.01563	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166646	0.01997	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166646	0.02683	2.97	2.97	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166646	0.03983	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166646	0.088	2.65	2.65	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166646	0.08533	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166646	0.10448	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166646	0.46841	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166646	0.32335	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166646	0.24178	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166646	0.14039	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166646	0.11503	2.43	2.43	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166646	0.09604	2.42	2.42	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166646	0.08094	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166646	0.06001	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166646	0.05313	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166646	0.04722	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166646	0.04231	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166666	0.00485	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166666	0.00601	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166666	0.00684	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166666	0.00779	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166666	0.00892	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166666	0.01038	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166666	0.01239	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166666	0.01523	3.13	3.13	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166666	0.01928	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166666	0.0257	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166666	0.03728	3	3	1.5	ANNUAL	PM25_29	5

UCART1	552064.8	4166666	0.09157	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166666	0.08594	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166666	0.09919	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166666	0.42989	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166666	0.29919	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166666	0.22258	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166666	0.13231	2.45	2.45	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166666	0.10889	2.33	2.33	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166666	0.09081	2.48	2.48	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166666	0.07662	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166666	0.05762	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166666	0.05122	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166666	0.04568	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166666	0.04119	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166686	0.00475	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166686	0.00668	3	3	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166686	0.00763	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166686	0.00877	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166686	0.01023	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166686	0.0122	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166686	0.015	3.02	3.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166686	0.01903	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166686	0.02508	2.97	2.97	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166686	0.03531	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166686	0.05228	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166686	0.09622	2.78	2.78	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166686	0.08641	2.77	2.77	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166686	0.09404	2.77	2.77	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166686	0.12817	3.02	3.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166686	0.37175	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166686	0.25818	2.57	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166686	0.20169	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166686	0.12195	2.54	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166686	0.10045	2.47	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166686	0.08412	2.66	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166686	0.06213	3.19	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166686	0.05491	3.09	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166686	0.04904	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166686	0.04406	3.35	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166686	0.03996	3.47	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166706	0.00466	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166706	0.00515	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166706	0.00654	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166706	0.00749	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166706	0.00865	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166706	0.01012	3.05	3.05	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166706	0.01208	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166706	0.01484	2.92	2.92	1.5	ANNUAL	PM25_29	5

UCART1	551984.8	4166706	0.01879	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166706	0.02447	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166706	0.03354	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166706	0.0519	2.88	2.88	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166706	0.08757	2.67	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166706	0.09014	2.79	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166706	0.1056	3	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166706	0.26109	2.45	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166706	0.2305	2.46	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166706	0.30718	2.57	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166706	0.28096	2.51	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166706	0.22065	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166706	0.18833	2.69	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166706	0.10943	2.62	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166706	0.0906	2.71	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166706	0.07667	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166706	0.05836	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166706	0.05216	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166706	0.04693	3.06	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166706	0.04252	3.24	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166706	0.03874	3.38	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166726	0.0046	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166726	0.00508	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166726	0.00642	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166726	0.00739	2.88	2.88	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166726	0.00856	2.83	2.83	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166726	0.01003	2.98	2.98	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166726	0.01198	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166726	0.0147	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166726	0.01842	2.85	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166726	0.02375	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166726	0.03189	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166726	0.04711	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166726	0.08927	2.57	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166726	0.08527	3.06	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166726	0.09223	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166726	0.12452	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166726	0.25965	2.73	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166726	0.17344	2.47	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166726	0.15592	2.29	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166726	0.15301	2.34	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166726	0.1587	2.41	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166726	0.16907	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166726	0.1806	2.33	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166726	0.18335	2.37	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166726	0.09651	2.54	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166726	0.08034	3.07	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166726	0.05492	2.82	320.02	1.5	ANNUAL	PM25_29	5

UCART1	552504.8	4166726	0.04978	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166726	0.04518	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166726	0.04109	3.19	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166726	0.03757	3.2	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166746	0.00634	3.33	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166746	0.00732	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166746	0.00851	2.72	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166746	0.01001	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166746	0.01196	2.93	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166746	0.01454	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166746	0.01806	2.93	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166746	0.02301	2.84	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166746	0.03042	2.82	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166746	0.04344	2.8	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166746	0.09057	2.64	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166746	0.08169	3.16	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166746	0.08259	3.29	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166746	0.09722	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166746	0.13761	2.82	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166746	0.11529	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166746	0.10776	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166746	0.10576	2.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166746	0.10599	2.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166746	0.10713	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166746	0.11047	2.3	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166746	0.11582	2.35	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166746	0.08354	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166746	0.07104	3.27	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166746	0.05752	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166746	0.05272	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166746	0.04812	2.76	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166746	0.04358	3.16	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166746	0.0395	3.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166746	0.0362	3.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166766	0.00553	3.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166766	0.00728	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166766	0.00849	2.68	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166766	0.01	2.71	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166766	0.01191	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166766	0.01433	3.16	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166766	0.01768	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166766	0.02225	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166766	0.02899	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166766	0.04023	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166766	0.09226	2.73	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166766	0.07932	3.13	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166766	0.07527	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166766	0.07741	3.02	320.02	1.5	ANNUAL	PM25_29	5

UCART1	552164.8	4166766	0.07869	2.94	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166766	0.07806	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166766	0.07818	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166766	0.07832	2.6	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166766	0.07824	2.54	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166766	0.0784	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166766	0.07975	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166766	0.08334	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166766	0.07324	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166766	0.06528	3.35	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166766	0.05749	2.72	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166766	0.05244	2.69	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166766	0.04719	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166766	0.04219	3.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166766	0.03792	4.2	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166766	0.03474	3.92	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166786	0.00549	3.63	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166786	0.00724	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166786	0.00845	2.83	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166786	0.00994	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166786	0.01177	3.1	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166786	0.01405	3.46	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166786	0.01729	2.97	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166786	0.02142	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166786	0.02742	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166786	0.03708	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166786	0.05287	2.8	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166786	0.09513	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166786	0.07856	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166786	0.07025	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166786	0.06626	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166786	0.0641	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166786	0.06269	2.9	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166786	0.06254	2.54	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166786	0.06221	2.51	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166786	0.06202	2.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166786	0.06221	2.68	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166786	0.06338	2.69	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166786	0.06733	2.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166786	0.0621	2.63	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166786	0.05345	2.82	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166786	0.04659	3.25	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166786	0.04131	3.55	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166786	0.03702	3.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166786	0.0337	3.77	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166806	0.00548	3.63	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166806	0.00721	3.38	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166806	0.00839	3.23	320.02	1.5	ANNUAL	PM25_29	5

UCART1	551924.8	4166806	0.00983	3.22	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166806	0.0116	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166806	0.01384	3.37	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166806	0.01688	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166806	0.02066	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166806	0.02595	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166806	0.03421	2.93	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166806	0.05061	2.83	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166806	0.07777	2.82	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166806	0.06667	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166806	0.06032	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166806	0.05638	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166806	0.0541	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166806	0.05322	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166806	0.05229	2.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166806	0.05193	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166806	0.05217	2.7	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166806	0.05356	2.73	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166806	0.05813	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166806	0.08317	3.47	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166806	0.07689	2.98	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166806	0.06581	2.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166806	0.05427	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166806	0.0463	3.17	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166806	0.04067	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166806	0.03621	3.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166806	0.03278	3.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166826	0.0055	3.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166826	0.00717	3.73	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166826	0.0083	3.69	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166826	0.00969	3.63	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166826	0.01141	3.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166826	0.01359	3.21	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166826	0.01639	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166826	0.01985	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166826	0.0245	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166826	0.03153	2.96	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166826	0.04466	2.85	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166826	0.07778	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166826	0.06462	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166826	0.05678	3.18	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166826	0.05179	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166826	0.04865	3.11	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166826	0.04718	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166826	0.04594	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166826	0.04541	2.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166826	0.04572	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166826	0.04743	2.62	320.02	1.5	ANNUAL	PM25_29	5

UCART1	552304.8	4166826	0.0526	2.45	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166826	0.07305	3.92	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166826	0.06834	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166826	0.06352	2.42	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166826	0.05319	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166826	0.04553	2.71	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166826	0.03984	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166826	0.03528	3.25	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166826	0.03185	3.18	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166846	0.00553	3.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166846	0.00628	3.53	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166846	0.00822	3.96	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166846	0.00955	3.9	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166846	0.01117	3.68	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166846	0.01318	3.42	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166846	0.01575	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166846	0.01891	2.92	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166846	0.023	3	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166846	0.02899	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166846	0.03978	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166846	0.07984	2.67	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166846	0.06456	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166846	0.05514	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166846	0.0491	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166846	0.04513	3.18	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166846	0.04307	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166846	0.0417	2.62	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166846	0.0411	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166846	0.04146	2.51	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166846	0.04347	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166846	0.04915	2.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166846	0.0713	2.41	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166846	0.06518	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166846	0.06086	2.46	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166846	0.05107	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166846	0.04382	2.79	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166846	0.03838	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166846	0.03411	3.04	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551904.6	4166869	0.00813	4.03	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551924.6	4166869	0.00935	4.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166869	0.01084	3.81	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166869	0.01266	3.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166869	0.0149	3.22	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166869	0.01773	2.92	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166869	0.02125	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166869	0.02629	3.06	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166869	0.03511	2.84	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166869	0.0437	2.67	320.02	1.5	ANNUAL	PM25_29	5

UCART2	552104.6	4166869	0.08303	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166869	0.06517	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166869	0.05434	2.96	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166869	0.04732	3.04	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166869	0.04272	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166869	0.03998	3.03	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166869	0.03838	2.8	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166869	0.03775	2.59	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166869	0.03824	2.47	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166869	0.04052	2.45	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552304.6	4166869	0.04686	2.45	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166869	0.06326	2.66	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166869	0.06815	2.02	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166869	0.06239	2.48	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552464.6	4166869	0.05839	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166869	0.04888	2.66	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166869	0.0419	2.85	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552524.6	4166869	0.03665	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552544.6	4166869	0.03264	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551884.6	4166889	0.0071	3.59	356.4	1.5	ANNUAL	PM25_29	5
UCART2	551924.6	4166889	0.00915	4.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166889	0.01053	3.83	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166889	0.01219	3.51	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166889	0.01415	3.33	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166889	0.01667	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166889	0.01979	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166889	0.02422	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166889	0.03179	2.83	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166889	0.04914	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552104.6	4166889	0.08716	2.97	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166889	0.06619	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166889	0.05427	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166889	0.04652	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166889	0.04154	3.07	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166889	0.03823	3.2	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166889	0.0364	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166889	0.03574	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166889	0.03636	2.55	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166889	0.03888	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552304.6	4166889	0.04602	2.52	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166889	0.07676	2.72	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166889	0.06488	2.57	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166889	0.06016	2.6	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552464.6	4166889	0.05633	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166889	0.04706	2.7	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166889	0.04026	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552524.6	4166889	0.03512	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551924.6	4166909	0.00894	3.97	356.4	1.5	ANNUAL	PM25_29	5

UCART2	551944.6	4166909	0.01022	3.62	356.4	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166909	0.01169	3.34	356.4	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166909	0.01342	3.25	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166909	0.01557	3.13	345.72	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166909	0.01839	3.09	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166909	0.02238	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166909	0.02881	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166909	0.04233	2.94	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166909	0.0682	2.94	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166909	0.05481	3.07	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166909	0.04633	3.11	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166909	0.04095	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166909	0.03733	3.1	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166909	0.03514	3.17	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166909	0.03424	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166909	0.03478	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166909	0.03754	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552304.6	4166909	0.04569	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166909	0.07386	2.72	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166909	0.06212	2.84	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166909	0.05772	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552464.6	4166909	0.05436	2.7	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166909	0.04548	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166909	0.03879	2.79	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552524.6	4166909	0.03376	3.04	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551904.6	4166929	0.00773	3.93	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551924.6	4166929	0.00869	3.89	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166929	0.00981	3.65	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166929	0.01108	3.52	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166929	0.01265	3.22	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166929	0.01455	3.18	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166929	0.01706	3.14	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166929	0.02066	3.08	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166929	0.02634	3.03	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166929	0.0374	2.98	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166929	0.07072	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166929	0.05597	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166929	0.04666	3.11	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166929	0.04065	3.14	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166929	0.03668	3.29	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166929	0.03434	3.4	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166929	0.03335	3.48	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166929	0.03395	3.5	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166929	0.03703	3.43	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552304.6	4166929	0.04609	3.36	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166929	0.07004	2.77	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166929	0.05921	2.93	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166929	0.05543	3	320.02	1.5	ANNUAL	PM25_29	5

UCART2	552464.6	4166929	0.05242	2.83	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166929	0.0439	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166929	0.03738	2.7	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166949	0.00935	3.84	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166949	0.01045	3.8	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166949	0.01189	3.23	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166949	0.01358	3.19	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166949	0.01581	3.21	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166949	0.01906	3.15	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166949	0.02419	3.03	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166949	0.03353	2.97	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166949	0.07392	2.98	345.72	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166949	0.05758	3.04	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166949	0.04742	3.11	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166949	0.0407	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166949	0.0364	3.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166949	0.03396	3.63	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166949	0.03302	3.7	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166949	0.03388	3.64	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166949	0.03753	3.57	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166949	0.06578	2.84	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166949	0.05629	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166949	0.05335	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552464.6	4166949	0.05047	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166949	0.04232	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166949	0.03603	2.62	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166969	0.00884	4.26	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166969	0.00987	3.85	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166969	0.01111	3.49	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166969	0.01261	3.35	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166969	0.01461	3.37	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166969	0.01755	3.28	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166969	0.02214	3.16	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166969	0.03002	3.3	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166969	0.07797	3.09	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166969	0.05921	3.29	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166969	0.04837	3.24	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166969	0.04173	2.91	345.72	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166969	0.04064	2.19	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166969	0.06168	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166969	0.0532	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166969	0.05054	3.54	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166989	0.00927	4.16	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166989	0.01038	3.67	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166989	0.01173	3.5	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166989	0.01352	3.48	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166989	0.01614	3.41	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166989	0.0202	3.34	356.88	1.5	ANNUAL	PM25_29	5

UCART2	552084.6	4166989	0.0271	3.5	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552104.6	4166989	0.04379	3.14	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166989	0.08381	3.09	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166989	0.06259	2.83	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166989	0.03837	2.19	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166989	0.03501	3.33	345.72	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166989	0.03477	3.13	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166989	0.03749	2.47	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552364.6	4166989	0.07139	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166989	0.05846	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166989	0.05046	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166989	0.0486	3.48	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4167009	0.00865	4.62	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4167009	0.00969	3.8	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4167009	0.01092	3.64	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4167009	0.01255	3.55	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4167009	0.01483	3.54	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4167009	0.01835	3.56	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4167009	0.0245	3.58	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552104.6	4167009	0.03768	3.57	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4167009	0.043	3.64	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4167009	0.0383	3.57	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4167009	0.0356	4.03	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4167009	0.03576	4.2	348.95	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4167009	0.04021	4.36	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4167029	0.00901	4.15	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4167029	0.01014	3.82	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4167029	0.01164	3.55	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4167029	0.01367	3.58	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4167029	0.01676	3.56	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4167029	0.02263	2.77	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4167029	0.06854	3.29	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4167029	0.05428	3.03	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4167029	0.04428	3.98	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4167029	0.03964	3.96	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4167029	0.03793	3.93	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4167029	0.03959	4.07	356.4	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4167049	0.00837	4.63	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4167049	0.00943	3.92	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4167049	0.01082	3.36	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4167049	0.01272	3.04	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4167049	0.01559	2.79	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4167049	0.07266	3.84	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4167049	0.05751	3.61	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4167049	0.04742	4.13	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4167049	0.04259	4.14	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4167049	0.04217	3.85	356.88	1.5	ANNUAL	PM25_29	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Z	Averagin Pe	Source Gro	Num Years	Net ID
UCART1	552064.8	4166026	0.00562	4.6	4.6	1.5	ANNUAL	PM25_30	5	
UCART1	552084.8	4166026	0.00621	4.06	4.06	1.5	ANNUAL	PM25_30	5	
UCART1	552104.8	4166026	0.00674	3.76	3.76	1.5	ANNUAL	PM25_30	5	
UCART1	552124.8	4166026	0.00722	3.81	3.81	1.5	ANNUAL	PM25_30	5	
UCART1	552144.8	4166026	0.00767	3.84	3.84	1.5	ANNUAL	PM25_30	5	
UCART1	552164.8	4166026	0.00816	3.33	3.33	1.5	ANNUAL	PM25_30	5	
UCART1	552184.8	4166026	0.00854	3.35	3.35	1.5	ANNUAL	PM25_30	5	
UCART1	552204.8	4166026	0.0089	3.16	3.16	1.5	ANNUAL	PM25_30	5	
UCART1	552224.8	4166026	0.00922	3	3	1.5	ANNUAL	PM25_30	5	
UCART1	552244.8	4166026	0.0095	2.93	2.93	1.5	ANNUAL	PM25_30	5	
UCART1	552264.8	4166026	0.00977	2.94	2.94	1.5	ANNUAL	PM25_30	5	
UCART1	552284.8	4166026	0.01007	2.99	2.99	1.5	ANNUAL	PM25_30	5	
UCART1	552304.8	4166026	0.01047	2.98	2.98	1.5	ANNUAL	PM25_30	5	
UCART1	552324.8	4166026	0.01107	3.02	3.02	1.5	ANNUAL	PM25_30	5	
UCART1	552344.8	4166026	0.01211	2.88	2.88	1.5	ANNUAL	PM25_30	5	
UCART1	552364.8	4166026	0.01405	2.63	2.63	1.5	ANNUAL	PM25_30	5	
UCART1	552064.8	4166046	0.00748	3.83	3.83	1.5	ANNUAL	PM25_30	5	
UCART1	552084.8	4166046	0.0082	3.66	3.66	1.5	ANNUAL	PM25_30	5	
UCART1	552104.8	4166046	0.00878	3.73	3.73	1.5	ANNUAL	PM25_30	5	
UCART1	552124.8	4166046	0.0093	3.71	3.71	1.5	ANNUAL	PM25_30	5	
UCART1	552144.8	4166046	0.00976	3.55	3.55	1.5	ANNUAL	PM25_30	5	
UCART1	552164.8	4166046	0.01014	3.43	3.43	1.5	ANNUAL	PM25_30	5	
UCART1	552184.8	4166046	0.01042	3.46	3.46	1.5	ANNUAL	PM25_30	5	
UCART1	552204.8	4166046	0.01067	3.33	3.33	1.5	ANNUAL	PM25_30	5	
UCART1	552224.8	4166046	0.01086	3.19	3.19	1.5	ANNUAL	PM25_30	5	
UCART1	552244.8	4166046	0.01101	3.08	3.08	1.5	ANNUAL	PM25_30	5	
UCART1	552264.8	4166046	0.01116	3.04	3.04	1.5	ANNUAL	PM25_30	5	
UCART1	552284.8	4166046	0.01135	3.2	3.2	1.5	ANNUAL	PM25_30	5	
UCART1	552304.8	4166046	0.01176	3.03	3.03	1.5	ANNUAL	PM25_30	5	
UCART1	552324.8	4166046	0.01253	2.68	2.68	1.5	ANNUAL	PM25_30	5	
UCART1	552344.8	4166046	0.01389	2.44	2.44	1.5	ANNUAL	PM25_30	5	
UCART1	552364.8	4166046	0.01666	2.37	2.37	1.5	ANNUAL	PM25_30	5	
UCART1	551924.8	4166066	0.00649	4.58	4.58	1.5	ANNUAL	PM25_30	5	
UCART1	551944.8	4166066	0.00673	4.32	4.32	1.5	ANNUAL	PM25_30	5	
UCART1	551964.8	4166066	0.00694	4.31	4.31	1.5	ANNUAL	PM25_30	5	
UCART1	551984.8	4166066	0.00728	4.1	4.1	1.5	ANNUAL	PM25_30	5	
UCART1	552004.8	4166066	0.00779	3.84	3.84	1.5	ANNUAL	PM25_30	5	
UCART1	552024.8	4166066	0.00855	3.7	3.7	1.5	ANNUAL	PM25_30	5	
UCART1	552044.8	4166066	0.00941	3.7	3.7	1.5	ANNUAL	PM25_30	5	
UCART1	552064.8	4166066	0.01035	3.53	3.53	1.5	ANNUAL	PM25_30	5	
UCART1	552084.8	4166066	0.01113	3.53	3.53	1.5	ANNUAL	PM25_30	5	
UCART1	552104.8	4166066	0.01165	3.76	3.76	1.5	ANNUAL	PM25_30	5	
UCART1	552124.8	4166066	0.01209	3.7	3.7	1.5	ANNUAL	PM25_30	5	
UCART1	552144.8	4166066	0.01245	3.5	3.5	1.5	ANNUAL	PM25_30	5	
UCART1	552164.8	4166066	0.01263	3.58	3.58	1.5	ANNUAL	PM25_30	5	
UCART1	552184.8	4166066	0.01277	3.42	3.42	1.5	ANNUAL	PM25_30	5	
UCART1	552204.8	4166066	0.01281	3.29	3.29	1.5	ANNUAL	PM25_30	5	
UCART1	552224.8	4166066	0.01274	3.24	3.24	1.5	ANNUAL	PM25_30	5	

UCART1	552244.8	4166066	0.01265	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166066	0.01261	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166066	0.01264	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166066	0.01309	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166066	0.01399	2.56	2.56	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166066	0.01574	2.3	2.3	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166066	0.01959	2.29	2.29	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166086	0.00794	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166086	0.00836	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166086	0.00892	4.65	4.65	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166086	0.00991	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166086	0.0113	3.82	3.82	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166086	0.01265	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166086	0.01377	3.65	3.65	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166086	0.01475	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166086	0.01534	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166086	0.01562	3.79	3.79	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166086	0.01585	3.73	3.73	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166086	0.01594	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166086	0.01581	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166086	0.01566	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166086	0.01528	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166086	0.0148	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166086	0.01437	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166086	0.01407	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166086	0.01393	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166086	0.01444	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166086	0.01547	2.59	2.59	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166086	0.01771	2.38	2.38	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166086	0.02255	2.34	2.34	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166086	0.04316	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166086	0.03469	3	3	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166086	0.0287	2.42	2.42	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166086	0.02412	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166086	0.02071	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166086	0.01816	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166106	0.00858	4.88	4.88	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166106	0.00933	4.68	4.68	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166106	0.0101	4.62	4.62	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166106	0.01091	4.94	4.94	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166106	0.01247	5.06	5.06	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166106	0.01508	4.8	4.8	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166106	0.01794	4.16	4.16	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166106	0.01991	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166106	0.02087	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166106	0.02135	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166106	0.02134	3.79	3.79	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166106	0.02131	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166106	0.02108	3.67	3.67	1.5	ANNUAL	PM25_30	5

UCART1	552144.8	4166106	0.02058	3.82	3.82	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166106	0.01987	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166106	0.01902	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166106	0.01802	2.54	2.54	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166106	0.01702	2.4	2.4	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166106	0.01622	2.44	2.44	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166106	0.01568	2.61	2.61	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166106	0.01536	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166106	0.01578	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166106	0.01695	2.78	2.78	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166106	0.01961	2.59	2.59	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166106	0.02521	2.47	2.47	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166106	0.0434	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166106	0.03521	2.84	2.84	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166106	0.02933	2.61	2.61	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166106	0.02493	2.68	2.68	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166106	0.02159	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166106	0.01903	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166126	0.00907	4.78	4.78	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166126	0.01072	4.77	4.77	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166126	0.01226	4.62	4.62	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166126	0.01386	4.62	4.62	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166126	0.01644	5	5	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166126	0.02133	5.31	5.31	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166126	0.02666	5.06	5.06	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166126	0.0305	4.41	4.41	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166126	0.03233	3.8	3.8	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166126	0.03241	3.46	3.46	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166126	0.03176	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166126	0.03066	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166126	0.02983	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166126	0.02862	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166126	0.02671	3.92	3.92	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166126	0.02456	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166126	0.02259	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166126	0.0207	2.4	2.4	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166126	0.01912	2.26	2.26	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166126	0.01794	2.26	2.26	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166126	0.01718	2.35	2.35	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166126	0.01681	2.93	2.93	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166126	0.01717	2.78	2.78	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166126	0.01844	2.71	2.71	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166126	0.02135	2.58	2.58	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166126	0.02749	2.58	2.58	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166126	0.04358	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166126	0.03558	2.77	2.77	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166126	0.02981	2.74	2.74	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166126	0.02554	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166126	0.02229	2.75	2.75	1.5	ANNUAL	PM25_30	5

UCART1	552564.8	4166126	0.01979	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166146	0.00847	4.84	4.84	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166146	0.01055	4.67	4.67	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166146	0.01375	4.62	4.62	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166146	0.01791	4.54	4.54	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166146	0.02324	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166146	0.03675	4.83	4.83	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166146	0.04663	5.39	5.39	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166146	0.05178	5.1	5.1	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166146	0.05412	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166146	0.05467	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166146	0.05331	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166146	0.05026	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166146	0.04708	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166146	0.04387	3.6	3.6	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166146	0.03909	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166146	0.03384	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166146	0.02936	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166146	0.02613	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166146	0.0233	2.61	2.61	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166146	0.02115	2.65	2.65	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166146	0.01962	2.6	2.6	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166146	0.01864	2.45	2.45	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166146	0.01823	2.45	2.45	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166146	0.01853	2.53	2.53	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166146	0.01987	2.38	2.38	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166146	0.02291	2.35	2.35	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166146	0.02936	2.69	2.69	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166146	0.04388	2.64	2.64	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166146	0.03596	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166146	0.03027	2.81	2.81	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166146	0.02605	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166146	0.02289	2.87	2.87	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166146	0.02049	2.77	2.77	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166166	0.00754	4.89	4.89	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166166	0.00931	4.93	4.93	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166166	0.01205	4.86	4.86	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166166	0.01727	4.75	4.75	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166166	0.09456	4.38	4.38	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166166	0.11637	4.46	4.46	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166166	0.10172	4.25	4.25	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166166	0.10938	3.97	3.97	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166166	0.1101	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166166	0.10315	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166166	0.0932	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166166	0.08228	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166166	0.06553	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166166	0.05129	3.3	3.3	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166166	0.04134	3.24	3.24	1.5	ANNUAL	PM25_30	5

UCART1	552164.8	4166166	0.03437	3.09	3.09	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166166	0.02941	2.82	2.82	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166166	0.02572	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166166	0.02303	2.98	2.98	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166166	0.02116	2.97	2.97	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166166	0.02	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166166	0.0195	2.62	2.62	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166166	0.01971	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166166	0.02106	2.68	2.68	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166166	0.02418	2.59	2.59	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166166	0.03072	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166166	0.05517	2.78	2.78	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166166	0.04424	2.15	2.15	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166166	0.03653	2.39	2.39	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166166	0.03074	2.93	2.93	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166166	0.02656	3.05	3.05	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166166	0.0235	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166166	0.02117	2.84	2.84	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166186	0.00655	4.79	4.79	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166186	0.00798	4.87	4.87	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166186	0.01011	4.91	4.91	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166186	0.01361	4.81	4.81	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166186	0.02091	4.68	4.68	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166186	0.10115	4.43	4.43	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166186	0.09184	4.41	4.41	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166186	0.09252	4.15	4.15	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166186	0.09625	3.85	3.85	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166186	0.1016	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166186	0.10863	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166186	0.10512	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166186	0.12138	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166186	0.08173	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166186	0.06013	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166186	0.04684	3.02	3.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166186	0.03806	3.01	3.01	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166186	0.03202	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166186	0.02772	3.04	3.04	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166186	0.02463	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166186	0.02249	3.13	3.13	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166186	0.02118	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166186	0.02062	2.43	2.43	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166186	0.02081	2.44	2.44	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166186	0.02212	2.5	2.5	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166186	0.02525	2.51	2.51	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166186	0.03187	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166186	0.03139	2.75	2.75	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166186	0.02732	2.74	2.74	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166186	0.02422	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166186	0.02188	2.96	2.96	1.5	ANNUAL	PM25_30	5

UCART1	551804.8	4166206	0.00676	4.8	4.8	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166206	0.00833	4.89	4.89	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166206	0.01082	4.78	4.78	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166206	0.01523	4.57	4.57	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166206	0.02435	4.46	4.46	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166206	0.1013	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166206	0.07942	4.84	4.84	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166206	0.07105	4.36	4.36	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166206	0.06763	3.85	3.85	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166206	0.06687	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166206	0.06838	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166206	0.07422	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166206	0.10798	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166206	0.08034	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166206	0.06158	3.26	3.26	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166206	0.04868	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166206	0.0396	3.61	3.61	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166206	0.03358	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166206	0.02911	3.16	3.16	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166206	0.02587	3.07	3.07	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166206	0.02358	3.03	3.03	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166206	0.02215	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166206	0.05592	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166206	0.04504	2.12	2.12	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166206	0.02805	1.62	1.62	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166206	0.02508	2.52	2.52	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166206	0.02264	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166226	0.00697	4.64	4.64	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166226	0.00876	4.4	4.4	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166226	0.01168	4.18	4.18	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166226	0.01675	4.27	4.27	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166226	0.07167	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166226	0.07809	4.66	4.66	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166226	0.06586	4.32	4.32	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166226	0.05921	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166226	0.05621	3.79	3.79	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166226	0.05711	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166226	0.06625	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166226	0.09687	3.69	3.69	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166226	0.07438	3.77	3.77	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166226	0.05934	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166226	0.04842	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166226	0.04016	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166226	0.03428	3.3	3.3	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166226	0.05574	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166226	0.03277	2.68	2.68	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166226	0.0289	2.44	2.44	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166226	0.02366	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166246	0.00718	4.53	4.53	1.5	ANNUAL	PM25_30	5

UCART1	551824.8	4166246	0.00918	4.09	4.09	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166246	0.01241	3.83	3.83	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166246	0.0174	4.17	4.17	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166246	0.02603	4.33	4.33	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166246	0.04397	4.45	4.45	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166246	0.05073	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166246	0.07844	4.58	4.58	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166246	0.06393	4.41	4.41	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166246	0.05589	4.19	4.19	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166246	0.05227	4.1	4.1	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166246	0.05364	3.97	3.97	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166246	0.06602	3.76	3.76	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166246	0.06968	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166246	0.09096	3.73	3.73	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166246	0.07094	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166246	0.05743	3.66	3.66	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166246	0.0478	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166246	0.04039	2.96	2.96	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166246	0.02702	2.05	2.05	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166246	0.02469	2.49	2.49	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166246	0.02304	3.16	3.16	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166246	0.02236	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166246	0.02255	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166246	0.02396	3.17	3.17	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166246	0.02731	3.13	3.13	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166246	0.07053	3.35	3.35	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166246	0.05561	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166246	0.04537	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166246	0.03839	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166246	0.03324	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166246	0.02947	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166246	0.02687	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166266	0.00741	4.46	4.46	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166266	0.00954	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166266	0.01274	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166266	0.01726	4.26	4.26	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166266	0.02524	4.33	4.33	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166266	0.04207	4.42	4.42	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166266	0.07911	4.6	4.6	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166266	0.06363	4.67	4.67	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166266	0.05508	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166266	0.05137	4.43	4.43	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166266	0.05309	4.25	4.25	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166266	0.06654	3.92	3.92	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166266	0.08934	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166266	0.08958	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166266	0.07009	3.62	3.62	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166266	0.05678	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166266	0.04752	2.87	2.87	1.5	ANNUAL	PM25_30	5

UCART1	552204.8	4166266	0.03005	2.78	2.78	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166266	0.02679	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166266	0.02459	3.13	3.13	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166266	0.02318	3.3	3.3	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166266	0.02257	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166266	0.02286	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166266	0.0244	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166266	0.02797	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166266	0.07077	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166266	0.05595	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166266	0.04592	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166266	0.03921	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166266	0.03416	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166266	0.03045	3.62	3.62	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166266	0.02779	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166266	0.02575	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166286	0.00765	4.36	4.36	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166286	0.00969	4.11	4.11	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166286	0.01252	4.23	4.23	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166286	0.01687	4.11	4.11	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166286	0.02397	4.18	4.18	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166286	0.03817	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166286	0.08558	4.49	4.49	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166286	0.06823	4.29	4.29	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166286	0.05789	4.28	4.28	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166286	0.0528	4.41	4.41	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166286	0.05394	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166286	0.06789	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166286	0.12025	3.56	3.56	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166286	0.08905	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166286	0.07004	3.49	3.49	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166286	0.05723	2.81	2.81	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166286	0.03376	2.55	2.55	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166286	0.02938	3.21	3.21	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166286	0.02641	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166286	0.02446	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166286	0.02325	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166286	0.02279	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166286	0.02321	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166286	0.02492	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166286	0.02878	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166286	0.0706	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166286	0.05624	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166286	0.04664	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166286	0.04019	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166286	0.03533	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166286	0.03173	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166286	0.02908	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166286	0.02705	3.65	3.65	1.5	ANNUAL	PM25_30	5

UCART1	551764.8	4166306	0.00531	5.27	5.27	1.5	ANNUAL	PM25_30	5
UCART1	551784.8	4166306	0.00636	4.78	4.78	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166306	0.00781	4.32	4.32	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166306	0.0097	4.26	4.26	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166306	0.01222	4.48	4.48	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166306	0.01629	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166306	0.02233	4	4	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166306	0.03289	4.2	4.2	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166306	0.05104	4.34	4.34	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166306	0.10242	4.36	4.36	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166306	0.07649	4.09	4.09	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166306	0.0628	4.13	4.13	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166306	0.05554	4.36	4.36	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166306	0.05533	4.29	4.29	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166306	0.06806	3.95	3.95	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166306	0.08847	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166306	0.09105	3.11	3.11	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166306	0.03776	3.31	3.31	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166306	0.03243	3.33	3.33	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166306	0.02854	3.61	3.61	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166306	0.026	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166306	0.02433	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166306	0.02332	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166306	0.02304	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166306	0.02364	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166306	0.02558	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166306	0.02978	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166306	0.07038	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166306	0.05681	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166306	0.04773	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166306	0.04153	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166306	0.03682	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166306	0.03332	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166306	0.03066	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166306	0.0286	3.66	3.66	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166326	0.00549	4.79	4.79	1.5	ANNUAL	PM25_30	5
UCART1	551784.8	4166326	0.00652	4.51	4.51	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166326	0.00787	4.35	4.35	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166326	0.0096	4.39	4.39	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166326	0.01195	4.3	4.3	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166326	0.01562	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166326	0.02057	3.77	3.77	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166326	0.02838	4.09	4.09	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166326	0.04357	4.26	4.26	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166326	0.08679	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166326	0.0688	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166326	0.05935	4.29	4.29	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166326	0.05702	4.19	4.19	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166326	0.0661	4.03	4.03	1.5	ANNUAL	PM25_30	5

UCART1	552064.8	4166326	0.06755	3.79	3.79	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166326	0.05403	2.72	2.72	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166326	0.0433	2.98	2.98	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166326	0.03611	3.29	3.29	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166326	0.03126	3.47	3.47	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166326	0.02768	4.02	4.02	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166326	0.02558	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166326	0.02426	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166326	0.0235	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166326	0.02341	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166326	0.02427	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166326	0.02651	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166326	0.03114	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166326	0.07089	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166326	0.05824	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166326	0.0496	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166326	0.04347	3.03	3.03	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166326	0.03871	3.35	3.35	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166326	0.03526	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166326	0.03256	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166326	0.03032	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166346	0.0056	4.79	4.79	1.5	ANNUAL	PM25_30	5
UCART1	551784.8	4166346	0.00659	4.59	4.59	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166346	0.00775	5.05	5.05	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166346	0.00917	5.62	5.62	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166346	0.01128	5.2	5.2	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166346	0.01432	4.5	4.5	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166346	0.01866	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166346	0.02484	4.08	4.08	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166346	0.03539	4.28	4.28	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166346	0.0467	4.17	4.17	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166346	0.10276	4.15	4.15	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166346	0.07673	4.34	4.34	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166346	0.06394	4.32	4.32	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166346	0.05879	4.18	4.18	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166346	0.06314	4.03	4.03	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166346	0.08606	2.83	2.83	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166346	0.06226	2.89	2.89	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166346	0.04873	3.13	3.13	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166346	0.04015	3.24	3.24	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166346	0.03438	3.2	3.2	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166346	0.03024	3.38	3.38	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166346	0.02722	3.78	3.78	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166346	0.02536	3.6	3.6	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166346	0.02426	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166346	0.02378	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166346	0.02396	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166346	0.02511	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166346	0.02776	3.39	3.39	1.5	ANNUAL	PM25_30	5

UCART1	552344.8	4166346	0.03301	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166346	0.07197	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166346	0.06002	3.15	3.15	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166346	0.05181	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166346	0.04578	2.81	2.81	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166346	0.04088	3.3	3.3	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166346	0.03736	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166346	0.03446	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166346	0.03202	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166366	0.00568	4.82	4.82	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166366	0.00766	5.3	5.3	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166366	0.0089	6.04	6.04	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166366	0.01079	5.49	5.49	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166366	0.01335	4.89	4.89	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166366	0.0171	4.05	4.05	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166366	0.02216	4.02	4.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166366	0.03007	4.2	4.2	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166366	0.04593	4.1	4.1	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166366	0.08729	4.23	4.23	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166366	0.06985	4.26	4.26	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166366	0.0613	4.13	4.13	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166366	0.05964	3.98	3.98	1.5	ANNUAL	PM25_30	5
Term131S	552064.8	4166366	0.06264	3.93	3.93	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166366	0.05843	3.53	3.53	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166366	0.05001	3.46	3.46	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166366	0.04272	3.4	3.4	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166366	0.03712	3.26	3.26	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166366	0.03282	3.08	3.08	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166366	0.02946	3.2	3.2	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166366	0.02702	3.39	3.39	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166366	0.02538	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166366	0.02448	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166366	0.02434	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166366	0.02487	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166366	0.02643	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166366	0.02965	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166366	0.03577	3.15	3.15	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166366	0.07394	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166366	0.06241	3.17	3.17	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166366	0.05445	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166366	0.04843	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166366	0.04328	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166366	0.03954	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166366	0.03632	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166366	0.03368	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166386	0.00572	4.81	4.81	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166386	0.00769	4.48	4.48	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166386	0.00898	4.53	4.53	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166386	0.0107	4.19	4.19	1.5	ANNUAL	PM25_30	5

UCART1	551864.8	4166386	0.01302	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166386	0.016	3.75	3.75	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166386	0.02019	3.78	3.78	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166386	0.02652	3.86	3.86	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166386	0.03745	3.97	3.97	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166386	0.05594	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166386	0.10301	3.84	3.84	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166386	0.07792	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166386	0.06508	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166386	0.05754	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166386	0.05194	3.91	3.91	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166386	0.04776	3.46	3.46	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166386	0.0432	3.3	3.3	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166386	0.03898	3.17	3.17	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166386	0.03526	3.04	3.04	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166386	0.032	2.93	2.93	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166386	0.02924	3.02	3.02	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166386	0.02714	3.26	3.26	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166386	0.02577	3.45	3.45	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166386	0.02517	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166386	0.02543	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166386	0.02648	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166386	0.02867	3.6	3.6	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166386	0.03274	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166386	0.03994	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166386	0.07719	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166386	0.0657	3.04	3.04	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166386	0.05747	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166386	0.05116	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166386	0.0458	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166386	0.04154	3.76	3.76	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166386	0.03805	4.08	4.08	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166386	0.03527	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166406	0.00571	4.89	4.89	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166406	0.00756	4.43	4.43	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166406	0.00875	4.46	4.46	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166406	0.01029	4.25	4.25	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166406	0.01241	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166406	0.01492	3.83	3.83	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166406	0.01852	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166406	0.02374	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166406	0.03187	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166406	0.04806	3.95	3.95	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166406	0.08784	3.79	3.79	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166406	0.06977	3.82	3.82	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166406	0.05861	3.78	3.78	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166406	0.05101	3.79	3.79	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166406	0.04589	3.45	3.45	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166406	0.0416	3.19	3.19	1.5	ANNUAL	PM25_30	5

Term131S	552124.8	4166406	0.03799	3.05	3.05	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166406	0.03501	2.95	2.95	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166406	0.03236	2.86	2.86	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166406	0.02996	2.92	2.92	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166406	0.02802	3.19	3.19	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166406	0.02685	3.45	3.45	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166406	0.02666	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166406	0.02758	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166406	0.02947	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166406	0.03279	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166406	0.03805	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166406	0.04637	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166406	0.08125	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166406	0.06945	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166406	0.0608	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166406	0.05414	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166406	0.04842	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166406	0.04369	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166406	0.03992	4.17	4.17	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166406	0.03682	4.07	4.07	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166426	0.00739	4.47	4.47	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166426	0.00848	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166426	0.00987	4.45	4.45	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166426	0.0118	3.75	3.75	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166426	0.01402	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166426	0.01717	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166426	0.02159	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166426	0.02801	3.87	3.87	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166426	0.03949	3.92	3.92	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166426	0.0979	3.69	3.69	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166426	0.07504	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166426	0.06154	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166426	0.05271	3.68	3.68	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166426	0.04683	3.46	3.46	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166426	0.04252	3.13	3.13	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166426	0.03899	3.01	3.01	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166426	0.03627	2.96	2.96	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166426	0.03408	2.86	2.86	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166426	0.03202	2.88	2.88	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166426	0.03015	3.17	3.17	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166426	0.02918	3.47	3.47	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166426	0.02971	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166426	0.03186	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166426	0.03555	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166426	0.04056	3.56	3.56	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166426	0.04699	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166426	0.05594	3.07	3.07	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166426	0.08597	2.98	2.98	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166426	0.07354	3.01	3.01	1.5	ANNUAL	PM25_30	5

UCART1	552464.8	4166426	0.06438	2.94	2.94	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166426	0.05727	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166426	0.05105	3.35	3.35	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166426	0.04591	3.92	3.92	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166426	0.04185	3.99	3.99	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166426	0.0383	4.12	4.12	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166446	0.00832	4.03	4.03	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166446	0.00962	3.96	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166446	0.0113	3.65	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166446	0.01338	3.6	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166446	0.01614	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166446	0.0199	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166446	0.02529	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166446	0.03414	3.87	3.87	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166446	0.05399	3.75	3.75	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166446	0.0811	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166446	0.06528	3.83	3.83	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166446	0.05537	3.82	3.82	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166446	0.04922	3.47	3.47	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166446	0.04472	3.21	3.21	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166446	0.04117	3.22	3.22	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166446	0.0386	3.25	3.25	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166446	0.03702	3.12	3.12	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166446	0.03593	2.94	2.94	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166446	0.03455	3.22	3.22	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166446	0.03419	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166446	0.03633	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166446	0.04159	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166446	0.04844	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166446	0.05471	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166446	0.06081	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166446	0.06886	3.09	3.09	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166446	0.0907	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166446	0.07782	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166446	0.06822	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166446	0.06049	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166446	0.05359	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166446	0.04812	3.75	3.75	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166446	0.04361	3.86	3.86	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166446	0.0397	4.01	4.01	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166466	0.00802	4.37	4.37	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166466	0.00911	4.91	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166466	0.01036	5.72	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166466	0.01222	5.25	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166466	0.01494	4.08	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166466	0.01852	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166466	0.02314	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166466	0.03031	3.83	3.83	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166466	0.04448	3.75	3.75	1.5	ANNUAL	PM25_30	5

UCART1	552024.8	4166466	0.08881	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166466	0.07043	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166466	0.05935	3.73	3.73	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166466	0.05223	3.65	3.65	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166466	0.04776	3.36	3.36	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166466	0.04456	3.34	3.34	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166466	0.04248	3.38	3.38	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166466	0.04185	3.27	3.27	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166466	0.0427	3	3	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166466	0.04409	3.18	3.18	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166466	0.04591	3.42	3.42	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166466	0.05493	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552264.8	4166466	0.0666	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166466	0.0737	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166466	0.07692	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166466	0.07988	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166466	0.08531	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166466	0.09614	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166466	0.08234	3.2	3.2	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166466	0.07197	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166466	0.06355	2.81	2.81	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166466	0.05606	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166466	0.05013	3.61	3.61	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166466	0.04519	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166486	0.00769	4.93	4.93	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166486	0.00859	6.14	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166486	0.00939	8.08	8.08	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166486	0.01114	7.1	7.1	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166486	0.01389	4.75	7.05	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166486	0.01735	3.32	7.05	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166486	0.02138	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166486	0.02743	3.78	3.78	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166486	0.0385	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166486	0.09889	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166486	0.07641	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166486	0.06411	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166486	0.05577	3.86	3.86	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166486	0.05157	3.54	3.54	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166486	0.04927	3.39	3.39	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166486	0.04857	3.4	3.4	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166486	0.05012	3.37	3.37	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166486	0.05576	3.06	3.06	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166486	0.06598	3.06	3.06	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166486	0.10471	3.27	3.27	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166486	0.12085	3.4	3.4	1.5	ANNUAL	PM25_30	5
Term131S	552264.8	4166486	0.11967	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166486	0.11466	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166486	0.10886	3.56	3.56	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166486	0.10557	3.39	3.39	1.5	ANNUAL	PM25_30	5

UCART1	552344.8	4166486	0.10537	3.2	3.2	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166486	0.10216	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166486	0.08688	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166486	0.07541	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166486	0.0663	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166486	0.05838	3.23	3.23	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166486	0.05188	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166486	0.04658	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166506	0.00747	4.76	4.76	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166506	0.00837	5.64	5.64	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166506	0.00928	7	7	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166506	0.01114	5.3	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166506	0.01342	4.02	7.05	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166506	0.01627	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166506	0.02001	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166506	0.02536	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166506	0.03466	3.49	3.49	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166506	0.0553	3.46	3.46	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166506	0.10826	3.56	3.56	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166506	0.08142	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166506	0.06864	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166506	0.06115	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166506	0.05708	3.49	3.49	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166506	0.05627	3.41	3.41	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166506	0.05971	3.37	3.37	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166506	0.06862	3.37	3.37	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166506	0.08594	3.18	3.18	1.5	ANNUAL	PM25_30	5
Term131S	552264.8	4166506	0.22706	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166506	0.18387	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166506	0.15724	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166506	0.13794	3.35	3.35	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166506	0.1283	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166506	0.10802	3.13	3.13	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166506	0.09135	3.17	3.17	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166506	0.07883	3.01	3.01	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166506	0.06888	2.84	2.84	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166506	0.06032	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166506	0.05332	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166506	0.04758	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166526	0.00728	4.47	4.47	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166526	0.00815	5.15	5.15	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166526	0.00918	5.83	5.83	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166526	0.01082	4.58	4.58	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166526	0.0128	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166526	0.01532	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166526	0.01873	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166526	0.02356	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166526	0.03167	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166526	0.04833	3.51	3.51	1.5	ANNUAL	PM25_30	5

UCART1	552044.8	4166526	0.08583	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166526	0.0724	3.61	3.61	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166526	0.06701	3.47	3.47	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166526	0.06552	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166526	0.07165	3.41	3.41	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166526	0.09604	3.34	3.34	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166526	0.13726	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166526	0.30288	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166526	0.2152	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166526	0.17303	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166526	0.1533	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166526	0.11296	3.01	3.01	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166526	0.09525	3	3	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166526	0.08179	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166526	0.07106	2.73	2.73	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166526	0.06195	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166526	0.05444	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166526	0.04323	4.08	4.08	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166546	0.00712	4.12	4.12	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166546	0.00796	4.64	4.64	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166546	0.00905	4.64	4.64	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166546	0.01038	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166546	0.01216	4.09	4.09	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166546	0.01449	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166546	0.01758	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166546	0.02205	3.65	3.65	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166546	0.02921	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166546	0.04311	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166546	0.09048	3.8	3.8	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166546	0.07539	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166546	0.072	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166546	0.38439	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166546	0.26505	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166546	0.20649	3.04	3.04	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166546	0.17911	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166546	0.11689	2.82	2.82	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166546	0.09835	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166546	0.08407	2.63	2.63	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166546	0.0727	2.56	2.56	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166546	0.0632	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166546	0.0552	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166546	0.04371	3.87	3.87	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166566	0.00694	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166566	0.00781	3.85	3.85	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166566	0.00881	4.08	4.08	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166566	0.01005	4.2	4.2	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166566	0.0117	3.87	3.87	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166566	0.01386	3.62	3.62	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166566	0.01672	3.6	3.6	1.5	ANNUAL	PM25_30	5

UCART1	551964.8	4166566	0.02089	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166566	0.02736	3.69	3.69	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166566	0.03943	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166566	0.09668	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166566	0.08056	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166566	0.07908	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166566	0.30251	3.09	3.09	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166566	0.23371	2.93	2.93	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166566	0.20205	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166566	0.11914	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166566	0.09989	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166566	0.08516	2.62	2.62	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166566	0.07337	2.61	2.61	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166566	0.06346	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166566	0.04906	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166566	0.04383	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166586	0.00762	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166586	0.00857	3.66	3.66	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166586	0.00974	3.82	3.82	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166586	0.01128	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166586	0.0133	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166586	0.01601	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166586	0.01993	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166586	0.02587	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166586	0.03654	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166586	0.04851	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166586	0.10376	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166586	0.08554	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166586	0.08486	3.09	3.09	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166586	0.11275	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166586	0.33915	3	3	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166586	0.25582	2.83	2.83	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166586	0.21722	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166586	0.12002	2.73	2.73	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166586	0.10031	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166586	0.08527	2.62	2.62	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166586	0.07319	2.73	2.73	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166586	0.06309	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166586	0.0489	3.86	3.86	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166586	0.0437	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166606	0.00584	4.01	4.01	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166606	0.00741	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166606	0.00832	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166606	0.00947	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166606	0.0109	3.49	3.49	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166606	0.01279	3.49	3.49	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166606	0.01539	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166606	0.01914	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166606	0.02469	3.18	3.18	1.5	ANNUAL	PM25_30	5

UCART1	552004.8	4166606	0.03427	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166606	0.05526	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166606	0.08373	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166606	0.09004	3.26	3.26	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166606	0.08674	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166606	0.10965	3.23	3.23	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166606	0.37359	2.96	2.96	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166606	0.2751	2.71	2.71	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166606	0.22314	2.74	2.74	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166606	0.14626	2.47	2.47	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166606	0.11956	2.54	2.54	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166606	0.09974	2.55	2.55	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166606	0.08453	2.58	2.58	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166606	0.07229	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166606	0.05476	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166606	0.04842	3.86	3.86	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166606	0.04334	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166626	0.0057	4.01	4.01	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166626	0.00721	3.04	3.04	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166626	0.00811	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166626	0.00922	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166626	0.01059	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166626	0.01236	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166626	0.01479	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166626	0.01833	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166626	0.02359	2.96	2.96	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166626	0.03219	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166626	0.04963	2.93	2.93	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166626	0.09566	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166626	0.08952	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166626	0.107	3.07	3.07	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166626	0.40584	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166626	0.28992	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166626	0.22503	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166626	0.14328	2.45	2.45	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166626	0.11723	2.48	2.48	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166626	0.09791	2.46	2.46	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166626	0.08277	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166626	0.07065	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166626	0.05393	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166626	0.04781	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166626	0.04284	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166646	0.00558	3.84	3.84	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166646	0.007	3.16	3.16	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166646	0.00792	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166646	0.009	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166646	0.01031	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166646	0.01199	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166646	0.01429	3.42	3.42	1.5	ANNUAL	PM25_30	5

UCART1	551964.8	4166646	0.01765	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166646	0.02256	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166646	0.0304	2.97	2.97	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166646	0.04547	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166646	0.10083	2.65	2.65	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166646	0.09175	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166646	0.1035	2.94	2.94	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166646	0.40212	2.96	2.96	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166646	0.28536	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166646	0.22056	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166646	0.13846	2.44	2.44	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166646	0.1136	2.43	2.43	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166646	0.09492	2.42	2.42	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166646	0.08002	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166646	0.05943	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166646	0.0527	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166646	0.04694	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166646	0.04217	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166666	0.00549	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166666	0.00678	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166666	0.00772	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166666	0.00878	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166666	0.01004	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166666	0.01168	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166666	0.01391	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166666	0.01709	3.13	3.13	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166666	0.02162	3.2	3.2	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166666	0.02883	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166666	0.04209	3	3	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166666	0.10557	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166666	0.09351	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166666	0.09994	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166666	0.37299	3.01	3.01	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166666	0.26826	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166666	0.20645	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166666	0.13219	2.45	2.45	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166666	0.10868	2.33	2.33	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166666	0.09052	2.48	2.48	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166666	0.07631	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166666	0.05742	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166666	0.05112	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166666	0.04569	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166666	0.04132	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166686	0.00536	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166686	0.00752	3	3	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166686	0.00857	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166686	0.00984	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166686	0.01146	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166686	0.01363	3.2	3.2	1.5	ANNUAL	PM25_30	5

UCART1	551964.8	4166686	0.01671	3.02	3.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166686	0.02116	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166686	0.02788	2.97	2.97	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166686	0.03949	2.94	2.94	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166686	0.05906	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166686	0.11175	2.78	2.78	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166686	0.09522	2.77	2.77	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166686	0.09655	2.77	2.77	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166686	0.12135	3.02	3.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166686	0.33056	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166686	0.23953	2.57	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166686	0.19478	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166686	0.12376	2.54	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166686	0.1015	2.47	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166686	0.08472	2.66	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166686	0.06241	3.19	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166686	0.0552	3.09	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166686	0.04939	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166686	0.04448	3.35	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166686	0.04046	3.47	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166706	0.00525	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166706	0.0058	3.66	3.66	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166706	0.00734	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166706	0.00839	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166706	0.00966	2.94	2.94	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166706	0.01127	3.05	3.05	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166706	0.01341	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166706	0.01641	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166706	0.02072	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166706	0.02699	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166706	0.03721	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166706	0.05868	2.88	2.88	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166706	0.09762	2.67	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166706	0.0942	2.79	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166706	0.10339	3	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166706	0.22866	2.45	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166706	0.20631	2.46	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166706	0.28749	2.57	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166706	0.26911	2.51	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166706	0.2189	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166706	0.1932	2.69	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166706	0.11295	2.62	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166706	0.09286	2.71	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166706	0.07821	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166706	0.05934	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166706	0.05309	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166706	0.04786	3.06	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166706	0.04346	3.24	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166706	0.03969	3.38	320.02	1.5	ANNUAL	PM25_30	5

UCART1	551804.8	4166726	0.00517	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166726	0.0057	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166726	0.00718	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166726	0.00824	2.88	2.88	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166726	0.00951	2.83	2.83	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166726	0.01111	2.98	2.98	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166726	0.01321	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166726	0.01613	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166726	0.02015	2.85	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166726	0.02601	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166726	0.03514	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166726	0.05279	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166726	0.10059	2.57	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166726	0.09095	3.06	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166726	0.09281	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166726	0.11711	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166726	0.22662	2.73	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166726	0.15616	2.47	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166726	0.14288	2.29	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166726	0.14268	2.34	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166726	0.15069	2.41	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166726	0.16374	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166726	0.17963	2.33	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166726	0.18622	2.37	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166726	0.10135	2.54	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166726	0.08363	3.07	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166726	0.05673	2.82	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166726	0.05151	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166726	0.04681	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166726	0.04263	3.19	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166726	0.03901	3.2	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166746	0.00706	3.33	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166746	0.00812	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166746	0.0094	2.72	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166746	0.01101	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166746	0.01308	2.93	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166746	0.01583	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166746	0.01963	2.93	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166746	0.02504	2.84	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166746	0.03333	2.82	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166746	0.04834	2.8	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166746	0.10328	2.64	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166746	0.08894	3.16	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166746	0.08553	3.29	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166746	0.09507	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166746	0.12676	2.82	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166746	0.10798	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166746	0.10198	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166746	0.10112	2.44	320.02	1.5	ANNUAL	PM25_30	5

UCART1	552244.8	4166746	0.10263	2.44	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166746	0.10537	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166746	0.1106	2.3	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166746	0.11846	2.35	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166746	0.08911	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166746	0.07516	3.27	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166746	0.06065	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166746	0.05564	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166746	0.05081	2.76	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166746	0.04599	3.16	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166746	0.04165	3.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166746	0.03813	3.44	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166766	0.00614	3.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166766	0.00803	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166766	0.00931	2.68	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166766	0.01091	2.71	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166766	0.01294	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166766	0.0155	3.16	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166766	0.0191	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166766	0.0241	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166766	0.03161	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166766	0.04453	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166766	0.10655	2.73	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166766	0.08812	3.13	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166766	0.08028	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166766	0.07924	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166766	0.07855	2.94	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166766	0.07712	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166766	0.07686	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166766	0.07714	2.6	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166766	0.07766	2.54	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166766	0.07879	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166766	0.08141	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166766	0.08667	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166766	0.07945	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166766	0.07055	3.35	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166766	0.06237	2.72	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166766	0.05679	2.69	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166766	0.05094	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166766	0.04538	3.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166766	0.04065	4.2	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166766	0.03714	3.92	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166786	0.00607	3.63	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166786	0.00793	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166786	0.0092	2.83	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166786	0.01077	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166786	0.0127	3.1	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166786	0.01511	3.46	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166786	0.0186	2.97	320.02	1.5	ANNUAL	PM25_30	5

UCART1	552004.8	4166786	0.0231	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166786	0.02979	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166786	0.04091	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166786	0.05954	2.8	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166786	0.11128	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166786	0.08898	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166786	0.07706	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166786	0.07052	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166786	0.06669	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166786	0.06434	2.9	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166786	0.06364	2.54	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166786	0.06316	2.51	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166786	0.06319	2.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166786	0.0639	2.68	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166786	0.06591	2.69	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166786	0.07127	2.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166786	0.06968	2.63	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166786	0.0594	2.82	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166786	0.05135	3.25	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166786	0.04524	3.55	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166786	0.04032	3.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166786	0.03655	3.77	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166806	0.00603	3.63	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166806	0.00783	3.38	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166806	0.00907	3.23	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166806	0.01057	3.22	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166806	0.01244	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166806	0.01481	3.37	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166806	0.01808	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166806	0.02222	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166806	0.02814	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166806	0.03769	2.93	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166806	0.05738	2.83	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166806	0.08966	2.82	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166806	0.0749	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166806	0.06607	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166806	0.06054	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166806	0.05724	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166806	0.05578	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166806	0.05458	2.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166806	0.05424	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166806	0.05478	2.7	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166806	0.05682	2.73	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166806	0.06278	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166806	0.09642	3.47	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166806	0.08886	2.98	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166806	0.07564	2.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166806	0.06156	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166806	0.05198	3.17	320.02	1.5	ANNUAL	PM25_30	5

UCART1	552524.8	4166806	0.04527	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166806	0.04003	3.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166806	0.03603	3.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166826	0.006	3.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166826	0.00774	3.73	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166826	0.00891	3.69	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166826	0.01036	3.63	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166826	0.01217	3.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166826	0.01449	3.21	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166826	0.01751	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166826	0.02132	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166826	0.02657	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166826	0.03477	2.96	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166826	0.0506	2.85	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166826	0.09105	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166826	0.07399	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166826	0.06366	3.18	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166826	0.05705	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166826	0.05284	3.11	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166826	0.05073	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166826	0.04912	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166826	0.04852	2.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166826	0.04903	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166826	0.05134	2.62	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166826	0.05796	2.45	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166826	0.0852	3.92	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166826	0.07944	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166826	0.07386	2.42	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166826	0.06116	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166826	0.05183	2.71	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166826	0.04495	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166826	0.03951	3.25	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166826	0.03544	3.18	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166846	0.00599	3.44	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166846	0.00677	3.53	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166846	0.00878	3.96	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166846	0.01016	3.9	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166846	0.01187	3.68	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166846	0.01402	3.42	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166846	0.01681	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166846	0.02032	2.92	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166846	0.02499	3	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166846	0.03205	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166846	0.04514	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166846	0.09467	2.67	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166846	0.07513	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166846	0.06303	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166846	0.05524	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166846	0.05009	3.18	320.02	1.5	ANNUAL	PM25_30	5

UCART1	552204.8	4166846	0.04733	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166846	0.04554	2.62	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166846	0.0448	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166846	0.04533	2.51	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166846	0.04795	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166846	0.05517	2.44	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166846	0.08393	2.41	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166846	0.07648	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166846	0.07141	2.46	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166846	0.05933	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166846	0.05043	2.79	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166846	0.04379	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166846	0.03862	3.04	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551904.6	4166869	0.00863	4.03	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551924.6	4166869	0.0099	4.05	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166869	0.01148	3.81	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166869	0.01344	3.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166869	0.0159	3.22	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166869	0.01909	2.92	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166869	0.02317	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166869	0.02918	3.06	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166869	0.03995	2.84	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166869	0.05046	2.67	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552104.6	4166869	0.09964	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166869	0.07699	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166869	0.06324	2.96	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166869	0.05432	3.04	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166869	0.04843	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166869	0.04487	3.03	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166869	0.0428	2.8	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166869	0.04199	2.59	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166869	0.04265	2.47	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166869	0.04556	2.45	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552304.6	4166869	0.05359	2.45	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166869	0.0747	2.66	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166869	0.08093	2.02	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166869	0.07389	2.48	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552464.6	4166869	0.06914	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166869	0.05734	2.66	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166869	0.04871	2.85	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552524.6	4166869	0.04227	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552544.6	4166869	0.03736	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551884.6	4166889	0.00753	3.59	356.4	1.5	ANNUAL	PM25_30	5
UCART2	551924.6	4166889	0.00967	4.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166889	0.01114	3.83	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166889	0.01294	3.51	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166889	0.01512	3.33	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166889	0.018	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166889	0.02167	3.05	320.02	1.5	ANNUAL	PM25_30	5

UCART2	552044.6	4166889	0.027	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166889	0.03629	2.83	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166889	0.05789	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552104.6	4166889	0.10552	2.97	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166889	0.07904	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166889	0.06396	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166889	0.05415	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166889	0.04781	3.07	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166889	0.04357	3.2	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166889	0.04123	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166889	0.04039	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166889	0.04116	2.55	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166889	0.04437	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552304.6	4166889	0.05337	2.52	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166889	0.09234	2.72	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166889	0.07754	2.57	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166889	0.07173	2.6	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552464.6	4166889	0.06713	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166889	0.0556	2.7	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166889	0.04717	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552524.6	4166889	0.04082	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551924.6	4166909	0.00943	3.97	356.4	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166909	0.0108	3.62	356.4	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166909	0.01243	3.34	356.4	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166909	0.01437	3.25	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166909	0.01687	3.13	345.72	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166909	0.02022	3.09	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166909	0.02506	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166909	0.03299	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166909	0.04983	2.94	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166909	0.08215	2.94	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166909	0.06527	3.07	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166909	0.05456	3.11	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166909	0.04773	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166909	0.04313	3.1	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166909	0.04036	3.17	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166909	0.03923	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166909	0.03992	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166909	0.04339	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552304.6	4166909	0.05364	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166909	0.08925	2.72	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166909	0.07463	2.84	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166909	0.0692	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552464.6	4166909	0.06514	2.7	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166909	0.05407	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166909	0.04575	2.79	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552524.6	4166909	0.03952	3.04	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551904.6	4166929	0.00814	3.93	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551924.6	4166929	0.00916	3.89	356.88	1.5	ANNUAL	PM25_30	5

UCART2	551944.6	4166929	0.01038	3.65	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166929	0.0118	3.52	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166929	0.01359	3.22	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166929	0.01583	3.18	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166929	0.01884	3.14	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166929	0.02324	3.08	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166929	0.03026	3.03	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166929	0.04405	2.98	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166929	0.08581	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166929	0.06723	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166929	0.0555	3.11	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166929	0.0479	3.14	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166929	0.04288	3.29	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166929	0.03991	3.4	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166929	0.03867	3.48	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166929	0.03943	3.5	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166929	0.0433	3.43	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552304.6	4166929	0.05469	3.36	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166929	0.08491	2.77	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166929	0.07141	2.93	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166929	0.06675	3	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552464.6	4166929	0.06309	2.83	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166929	0.05245	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166929	0.04434	2.7	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166949	0.00991	3.84	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166949	0.01115	3.8	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166949	0.01282	3.23	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166949	0.01483	3.19	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166949	0.01753	3.21	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166949	0.02152	3.15	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166949	0.02788	3.03	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166949	0.03954	2.97	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166949	0.09022	2.98	345.72	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166949	0.06966	3.04	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166949	0.05686	3.11	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166949	0.04839	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166949	0.04297	3.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166949	0.03989	3.63	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166949	0.0387	3.7	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166949	0.03977	3.64	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166949	0.04435	3.57	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166949	0.07993	2.84	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166949	0.06809	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166949	0.06447	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552464.6	4166949	0.06096	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166949	0.05078	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166949	0.04294	2.62	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166969	0.00939	4.26	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166969	0.01057	3.85	356.88	1.5	ANNUAL	PM25_30	5

UCART2	551984.6	4166969	0.01202	3.49	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166969	0.01383	3.35	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166969	0.01626	3.37	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166969	0.01988	3.28	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166969	0.02558	3.16	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166969	0.03543	3.3	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166969	0.09563	3.09	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166969	0.07204	3.29	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166969	0.0584	3.24	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166969	0.05002	2.91	345.72	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166969	0.04853	2.19	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166969	0.07509	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166969	0.06451	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166969	0.06124	3.54	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166989	0.00996	4.16	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166989	0.01128	3.67	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166989	0.01291	3.5	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166989	0.0151	3.48	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166989	0.01832	3.41	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166989	0.02339	3.34	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166989	0.03202	3.5	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552104.6	4166989	0.05296	3.14	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166989	0.10324	3.09	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166989	0.07655	2.83	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166989	0.04604	2.19	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166989	0.04184	3.33	345.72	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166989	0.04151	3.13	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166989	0.04489	2.47	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552364.6	4166989	0.08749	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166989	0.07128	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166989	0.06131	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166989	0.05904	3.48	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4167009	0.00932	4.62	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4167009	0.01057	3.8	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4167009	0.01206	3.64	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4167009	0.01405	3.55	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4167009	0.01688	3.54	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4167009	0.02127	3.56	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4167009	0.02897	3.58	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552104.6	4167009	0.04551	3.57	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4167009	0.05216	3.64	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4167009	0.04625	3.57	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4167009	0.04285	4.03	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4167009	0.04304	4.2	348.95	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4167009	0.04861	4.36	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4167029	0.00985	4.15	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4167029	0.01122	3.82	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4167029	0.01307	3.55	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4167029	0.01558	3.58	356.88	1.5	ANNUAL	PM25_30	5

UCART2	552064.6	4167029	0.01944	3.56	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4167029	0.02678	2.77	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4167029	0.08446	3.29	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4167029	0.06653	3.03	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4167029	0.05398	3.98	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4167029	0.04813	3.96	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4167029	0.04598	3.93	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4167029	0.04805	4.07	356.4	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4167049	0.00918	4.63	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4167049	0.01046	3.92	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4167049	0.01217	3.36	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4167049	0.01453	3.04	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4167049	0.0181	2.79	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4167049	0.08982	3.84	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4167049	0.07077	3.61	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4167049	0.05811	4.13	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4167049	0.05203	4.14	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4167049	0.05148	3.85	356.88	1.5	ANNUAL	PM25_30	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Num Years
UCART1	552064.8	4166026	0.0007	4.6	4.6	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166026	0.00079	4.06	4.06	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166026	0.00087	3.76	3.76	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166026	0.00094	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166026	0.001	3.84	3.84	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166026	0.00107	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166026	0.00113	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166026	0.00118	3.16	3.16	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166026	0.00122	3	3	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166026	0.00126	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166026	0.0013	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166026	0.00134	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166026	0.00139	2.98	2.98	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166026	0.00147	3.02	3.02	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166026	0.00162	2.88	2.88	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166026	0.00189	2.63	2.63	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166046	0.00096	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166046	0.00106	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166046	0.00114	3.73	3.73	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166046	0.00122	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166046	0.00129	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166046	0.00135	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166046	0.00139	3.46	3.46	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166046	0.00142	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166046	0.00145	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166046	0.00147	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166046	0.00149	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166046	0.00151	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166046	0.00157	3.03	3.03	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166046	0.00167	2.68	2.68	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166046	0.00186	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166046	0.00225	2.37	2.37	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166066	0.00079	4.58	4.58	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166066	0.00082	4.32	4.32	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166066	0.00085	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166066	0.0009	4.1	4.1	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166066	0.00098	3.84	3.84	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166066	0.00109	3.7	3.7	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166066	0.00122	3.7	3.7	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166066	0.00135	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166066	0.00146	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166066	0.00154	3.76	3.76	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166066	0.0016	3.7	3.7	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166066	0.00166	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166066	0.00169	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166066	0.00171	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166066	0.00171	3.29	3.29	1.5	ANNUAL	PM25_31	5

UCART1	552224.8	4166066	0.0017	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166066	0.00169	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166066	0.00168	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166066	0.00169	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166066	0.00175	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166066	0.00187	2.56	2.56	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166066	0.00212	2.3	2.3	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166066	0.00265	2.29	2.29	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166086	0.00098	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166086	0.00104	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166086	0.00112	4.65	4.65	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166086	0.00126	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166086	0.00146	3.82	3.82	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166086	0.00165	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166086	0.00182	3.65	3.65	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166086	0.00196	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166086	0.00204	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166086	0.00209	3.79	3.79	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166086	0.00212	3.73	3.73	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166086	0.00214	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166086	0.00213	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166086	0.00211	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166086	0.00205	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166086	0.00199	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166086	0.00192	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166086	0.00188	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166086	0.00186	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166086	0.00193	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166086	0.00207	2.59	2.59	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166086	0.00238	2.38	2.38	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166086	0.00306	2.34	2.34	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166086	0.00592	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166086	0.00473	3	3	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166086	0.00389	2.42	2.42	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166086	0.00325	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166086	0.00277	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166086	0.0024	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166106	0.00106	4.88	4.88	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166106	0.00116	4.68	4.68	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166106	0.00127	4.62	4.62	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166106	0.00138	4.94	4.94	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166106	0.00161	5.06	5.06	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166106	0.00197	4.8	4.8	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166106	0.00238	4.16	4.16	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166106	0.00266	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166106	0.0028	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166106	0.00287	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166106	0.00287	3.79	3.79	1.5	ANNUAL	PM25_31	5

UCART1	552104.8	4166106	0.00287	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166106	0.00284	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166106	0.00278	3.82	3.82	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166106	0.00268	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166106	0.00257	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166106	0.00243	2.54	2.54	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166106	0.00229	2.4	2.4	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166106	0.00217	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166106	0.0021	2.61	2.61	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166106	0.00205	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166106	0.00211	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166106	0.00227	2.78	2.78	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166106	0.00264	2.59	2.59	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166106	0.00342	2.47	2.47	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166106	0.00594	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166106	0.00479	2.84	2.84	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166106	0.00397	2.61	2.61	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166106	0.00335	2.68	2.68	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166106	0.00287	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166106	0.00251	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166126	0.00112	4.78	4.78	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166126	0.00134	4.77	4.77	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166126	0.00156	4.62	4.62	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166126	0.00178	4.62	4.62	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166126	0.00214	5	5	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166126	0.00283	5.31	5.31	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166126	0.00358	5.06	5.06	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166126	0.00412	4.41	4.41	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166126	0.00438	3.8	3.8	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166126	0.0044	3.46	3.46	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166126	0.00431	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166126	0.00416	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166126	0.00405	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166126	0.00389	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166126	0.00363	3.92	3.92	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166126	0.00333	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166126	0.00306	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166126	0.00279	2.4	2.4	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166126	0.00257	2.26	2.26	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166126	0.00241	2.26	2.26	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166126	0.0023	2.35	2.35	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166126	0.00224	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166126	0.00229	2.78	2.78	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166126	0.00247	2.71	2.71	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166126	0.00288	2.58	2.58	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166126	0.00373	2.58	2.58	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166126	0.00595	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166126	0.00483	2.77	2.77	1.5	ANNUAL	PM25_31	5

UCART1	552504.8	4166126	0.00402	2.74	2.74	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166126	0.00341	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166126	0.00295	2.75	2.75	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166126	0.00258	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166146	0.00103	4.84	4.84	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166146	0.00132	4.67	4.67	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166146	0.00176	4.62	4.62	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166146	0.00234	4.54	4.54	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166146	0.00308	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166146	0.00497	4.83	4.83	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166146	0.00635	5.39	5.39	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166146	0.00707	5.1	5.1	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166146	0.0074	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166146	0.00748	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166146	0.0073	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166146	0.00688	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166146	0.00644	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166146	0.006	3.6	3.6	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166146	0.00534	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166146	0.00461	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166146	0.00399	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166146	0.00354	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166146	0.00315	2.61	2.61	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166146	0.00285	2.65	2.65	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166146	0.00263	2.6	2.6	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166146	0.00249	2.45	2.45	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166146	0.00243	2.45	2.45	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166146	0.00247	2.53	2.53	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166146	0.00266	2.38	2.38	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166146	0.00308	2.35	2.35	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166146	0.00398	2.69	2.69	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166146	0.00598	2.64	2.64	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166146	0.00486	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166146	0.00406	2.81	2.81	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166146	0.00346	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166146	0.003	2.87	2.87	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166146	0.00265	2.77	2.77	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166166	0.00091	4.89	4.89	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166166	0.00114	4.93	4.93	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166166	0.00152	4.86	4.86	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166166	0.00224	4.75	4.75	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166166	0.01302	4.38	4.38	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166166	0.01607	4.46	4.46	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166166	0.01402	4.25	4.25	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166166	0.01509	3.97	3.97	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166166	0.0152	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166166	0.01424	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166166	0.01286	3.38	3.38	1.5	ANNUAL	PM25_31	5

UCART1	552084.8	4166166	0.01134	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166166	0.00901	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166166	0.00703	3.3	3.3	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166166	0.00564	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166166	0.00468	3.09	3.09	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166166	0.00399	2.82	2.82	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166166	0.00348	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166166	0.0031	2.98	2.98	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166166	0.00284	2.97	2.97	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166166	0.00267	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166166	0.0026	2.62	2.62	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166166	0.00263	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166166	0.00281	2.68	2.68	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166166	0.00325	2.59	2.59	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166166	0.00416	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166166	0.00755	2.78	2.78	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166166	0.00601	2.15	2.15	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166166	0.00492	2.39	2.39	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166166	0.0041	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166166	0.0035	3.05	3.05	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166166	0.00305	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166166	0.00269	2.84	2.84	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166186	0.00078	4.79	4.79	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166186	0.00096	4.87	4.87	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166186	0.00125	4.91	4.91	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166186	0.00173	4.81	4.81	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166186	0.00274	4.68	4.68	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166186	0.01393	4.43	4.43	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166186	0.01263	4.41	4.41	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166186	0.01272	4.15	4.15	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166186	0.01324	3.85	3.85	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166186	0.01399	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166186	0.01498	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166186	0.01449	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166186	0.01679	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166186	0.01126	3.25	3.25	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166186	0.00825	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166186	0.0064	3.02	3.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166186	0.00518	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166186	0.00434	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166186	0.00374	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166186	0.00331	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166186	0.00301	3.13	3.13	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166186	0.00283	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166186	0.00274	2.43	2.43	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166186	0.00277	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166186	0.00295	2.5	2.5	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166186	0.00338	2.51	2.51	1.5	ANNUAL	PM25_31	5

UCART1	552364.8	4166186	0.0043	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166186	0.00415	2.75	2.75	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166186	0.00355	2.74	2.74	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166186	0.00309	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166186	0.00274	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166206	0.0008	4.8	4.8	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166206	0.00101	4.89	4.89	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166206	0.00135	4.78	4.78	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166206	0.00195	4.57	4.57	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166206	0.00321	4.46	4.46	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166206	0.01393	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166206	0.01088	4.84	4.84	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166206	0.0097	4.36	4.36	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166206	0.00922	3.85	3.85	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166206	0.00912	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166206	0.00933	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166206	0.01016	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166206	0.0149	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166206	0.01105	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166206	0.00844	3.26	3.26	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166206	0.00664	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166206	0.00538	3.61	3.61	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166206	0.00454	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166206	0.00392	3.16	3.16	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166206	0.00347	3.07	3.07	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166206	0.00315	3.03	3.03	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166206	0.00295	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166206	0.00759	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166206	0.00605	2.12	2.12	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166206	0.00359	1.62	1.62	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166206	0.00314	2.52	2.52	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166206	0.00277	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166226	0.00083	4.64	4.64	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166226	0.00107	4.4	4.4	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166226	0.00146	4.18	4.18	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166226	0.00215	4.27	4.27	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166226	0.00978	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166226	0.01067	4.66	4.66	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166226	0.00896	4.32	4.32	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166226	0.00803	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166226	0.00761	3.79	3.79	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166226	0.00773	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166226	0.00902	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166226	0.01332	3.69	3.69	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166226	0.01019	3.77	3.77	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166226	0.0081	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166226	0.00658	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166226	0.00544	3.5	3.5	1.5	ANNUAL	PM25_31	5

UCART1	552184.8	4166226	0.00462	3.3	3.3	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166226	0.00753	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166226	0.00421	2.68	2.68	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166226	0.00363	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166226	0.00282	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166246	0.00086	4.53	4.53	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166246	0.00112	4.09	4.09	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166246	0.00156	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166246	0.00224	4.17	4.17	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166246	0.00343	4.33	4.33	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166246	0.00591	4.45	4.45	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166246	0.00685	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166246	0.0107	4.58	4.58	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166246	0.00867	4.41	4.41	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166246	0.00754	4.19	4.19	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166246	0.00703	4.1	4.1	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166246	0.00722	3.97	3.97	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166246	0.00895	3.76	3.76	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166246	0.00948	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166246	0.01246	3.73	3.73	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166246	0.00969	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166246	0.00781	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166246	0.00647	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166246	0.00544	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166246	0.00359	2.05	2.05	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166246	0.00327	2.49	2.49	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166246	0.00303	3.16	3.16	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166246	0.00293	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166246	0.00295	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166246	0.00314	3.17	3.17	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166246	0.0036	3.13	3.13	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166246	0.00956	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166246	0.00745	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166246	0.00598	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166246	0.00496	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166246	0.00419	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166246	0.00361	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166246	0.0032	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166266	0.00089	4.46	4.46	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166266	0.00117	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166266	0.0016	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166266	0.00221	4.26	4.26	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166266	0.00331	4.33	4.33	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166266	0.00564	4.42	4.42	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166266	0.01078	4.6	4.6	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166266	0.00861	4.67	4.67	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166266	0.0074	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166266	0.00688	4.43	4.43	1.5	ANNUAL	PM25_31	5

UCART1	552024.8	4166266	0.00711	4.25	4.25	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166266	0.00899	3.92	3.92	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166266	0.01218	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166266	0.01223	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166266	0.00953	3.62	3.62	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166266	0.00769	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166266	0.00641	2.87	2.87	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166266	0.00399	2.78	2.78	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166266	0.00354	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166266	0.00323	3.13	3.13	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166266	0.00303	3.3	3.3	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166266	0.00293	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166266	0.00296	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166266	0.00317	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166266	0.00365	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166266	0.00952	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166266	0.00741	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166266	0.00595	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166266	0.00496	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166266	0.0042	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166266	0.00362	3.62	3.62	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166266	0.00319	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166266	0.00286	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166286	0.00091	4.36	4.36	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166286	0.00119	4.11	4.11	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166286	0.00156	4.23	4.23	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166286	0.00215	4.11	4.11	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166286	0.00312	4.18	4.18	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166286	0.00508	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166286	0.01166	4.49	4.49	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166286	0.00922	4.29	4.29	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166286	0.00777	4.28	4.28	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166286	0.00705	4.41	4.41	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166286	0.0072	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166286	0.00914	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166286	0.01646	3.56	3.56	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166286	0.01211	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166286	0.00948	3.49	3.49	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166286	0.00771	2.81	2.81	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166286	0.00447	2.55	2.55	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166286	0.00387	3.21	3.21	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166286	0.00346	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166286	0.00318	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166286	0.003	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166286	0.00293	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166286	0.00297	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166286	0.0032	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166286	0.00371	3.25	3.25	1.5	ANNUAL	PM25_31	5

UCART1	552424.8	4166286	0.0094	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166286	0.00733	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166286	0.00592	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166286	0.00495	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166286	0.0042	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166286	0.00363	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166286	0.00321	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166286	0.00287	3.65	3.65	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166306	0.00061	5.27	5.27	1.5	ANNUAL	PM25_31	5
UCART1	551784.8	4166306	0.00075	4.78	4.78	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166306	0.00093	4.32	4.32	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166306	0.00118	4.26	4.26	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166306	0.00152	4.48	4.48	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166306	0.00206	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166306	0.00289	4	4	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166306	0.00434	4.2	4.2	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166306	0.00685	4.34	4.34	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166306	0.01399	4.36	4.36	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166306	0.01035	4.09	4.09	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166306	0.00842	4.13	4.13	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166306	0.00739	4.36	4.36	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166306	0.00735	4.29	4.29	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166306	0.00912	3.95	3.95	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166306	0.01197	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166306	0.01234	3.11	3.11	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166306	0.00497	3.31	3.31	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166306	0.00424	3.33	3.33	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166306	0.00371	3.61	3.61	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166306	0.00336	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166306	0.00312	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166306	0.00297	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166306	0.00292	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166306	0.00298	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166306	0.00323	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166306	0.00378	3.25	3.25	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166306	0.00921	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166306	0.00724	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166306	0.00588	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166306	0.00493	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166306	0.0042	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166306	0.00365	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166306	0.00323	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166306	0.0029	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166326	0.00063	4.79	4.79	1.5	ANNUAL	PM25_31	5
UCART1	551784.8	4166326	0.00076	4.51	4.51	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166326	0.00094	4.35	4.35	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166326	0.00116	4.39	4.39	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166326	0.00148	4.3	4.3	1.5	ANNUAL	PM25_31	5

UCART1	551864.8	4166326	0.00196	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166326	0.00263	3.77	3.77	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166326	0.0037	4.09	4.09	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166326	0.00579	4.26	4.26	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166326	0.01176	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166326	0.00923	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166326	0.00789	4.29	4.29	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166326	0.00754	4.19	4.19	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166326	0.0088	4.03	4.03	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166326	0.00899	3.79	3.79	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166326	0.00714	2.72	2.72	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166326	0.00567	2.98	2.98	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166326	0.00469	3.29	3.29	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166326	0.00403	3.47	3.47	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166326	0.00354	4.02	4.02	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166326	0.00325	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166326	0.00306	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166326	0.00294	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166326	0.00291	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166326	0.003	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166326	0.00327	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166326	0.00387	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166326	0.00907	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166326	0.0072	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166326	0.00589	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166326	0.00495	3.03	3.03	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166326	0.00422	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166326	0.00368	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166326	0.00326	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166326	0.00293	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166346	0.00064	4.79	4.79	1.5	ANNUAL	PM25_31	5
UCART1	551784.8	4166346	0.00077	4.59	4.59	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166346	0.00092	5.05	5.05	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166346	0.0011	5.62	5.62	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166346	0.00138	5.2	5.2	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166346	0.00178	4.5	4.5	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166346	0.00236	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166346	0.00319	4.08	4.08	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166346	0.00463	4.28	4.28	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166346	0.00618	4.17	4.17	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166346	0.01397	4.15	4.15	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166346	0.0103	4.34	4.34	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166346	0.00849	4.32	4.32	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166346	0.00774	4.18	4.18	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166346	0.00833	4.03	4.03	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166346	0.0115	2.83	2.83	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166346	0.00818	2.89	2.89	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166346	0.00632	3.13	3.13	1.5	ANNUAL	PM25_31	5

Term131S	552144.8	4166346	0.00515	3.24	3.24	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166346	0.00437	3.2	3.2	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166346	0.00382	3.38	3.38	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166346	0.00341	3.78	3.78	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166346	0.00316	3.6	3.6	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166346	0.003	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166346	0.00291	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166346	0.0029	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166346	0.00301	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166346	0.00332	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166346	0.00397	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166346	0.00892	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166346	0.00713	3.15	3.15	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166346	0.00588	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166346	0.00496	2.81	2.81	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166346	0.00423	3.3	3.3	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166346	0.0037	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166346	0.00329	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166346	0.00295	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166366	0.00065	4.82	4.82	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166366	0.0009	5.3	5.3	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166366	0.00106	6.04	6.04	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166366	0.00131	5.49	5.49	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166366	0.00164	4.89	4.89	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166366	0.00214	4.05	4.05	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166366	0.00281	4.02	4.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166366	0.00388	4.2	4.2	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166366	0.00605	4.1	4.1	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166366	0.01174	4.23	4.23	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166366	0.00927	4.26	4.26	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166366	0.00804	4.13	4.13	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166366	0.00777	3.98	3.98	1.5	ANNUAL	PM25_31	5
Term131S	552064.8	4166366	0.00817	3.93	3.93	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166366	0.00756	3.53	3.53	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166366	0.00639	3.46	3.46	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166366	0.00538	3.4	3.4	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166366	0.00462	3.26	3.26	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166366	0.00405	3.08	3.08	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166366	0.00361	3.2	3.2	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166366	0.00329	3.39	3.39	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166366	0.00307	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166366	0.00293	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166366	0.00288	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166366	0.00289	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166366	0.00303	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166366	0.00337	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166366	0.00408	3.15	3.15	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166366	0.00879	3.33	3.33	1.5	ANNUAL	PM25_31	5

UCART1	552444.8	4166366	0.00706	3.17	3.17	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166366	0.00586	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166366	0.00497	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166366	0.00424	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166366	0.00372	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166366	0.0033	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166366	0.00297	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166386	0.00065	4.81	4.81	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166386	0.0009	4.48	4.48	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166386	0.00106	4.53	4.53	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166386	0.00129	4.19	4.19	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166386	0.00159	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166386	0.00197	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166386	0.00253	3.78	3.78	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166386	0.00337	3.86	3.86	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166386	0.00485	3.97	3.97	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166386	0.00738	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166386	0.01389	3.84	3.84	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166386	0.01034	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166386	0.0085	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166386	0.00741	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166386	0.00659	3.91	3.91	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166386	0.00597	3.46	3.46	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166386	0.00531	3.3	3.3	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166386	0.00472	3.17	3.17	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166386	0.00421	3.04	3.04	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166386	0.00379	2.93	2.93	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166386	0.00345	3.02	3.02	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166386	0.00318	3.26	3.26	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166386	0.003	3.45	3.45	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166386	0.00289	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166386	0.00286	3.25	3.25	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166386	0.00291	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166386	0.00307	3.6	3.6	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166386	0.00345	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166386	0.00423	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166386	0.00872	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166386	0.00703	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166386	0.00584	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166386	0.00496	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166386	0.00425	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166386	0.00372	3.76	3.76	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166386	0.0033	4.08	4.08	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166386	0.00299	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166406	0.00065	4.89	4.89	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166406	0.00088	4.43	4.43	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166406	0.00103	4.46	4.46	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166406	0.00122	4.25	4.25	1.5	ANNUAL	PM25_31	5

UCART1	551864.8	4166406	0.00149	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166406	0.00182	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166406	0.00228	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166406	0.00297	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166406	0.00406	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166406	0.00626	3.95	3.95	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166406	0.01167	3.79	3.79	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166406	0.00908	3.82	3.82	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166406	0.00746	3.78	3.78	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166406	0.00635	3.79	3.79	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166406	0.00558	3.45	3.45	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166406	0.00495	3.19	3.19	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166406	0.00441	3.05	3.05	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166406	0.00398	2.95	2.95	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166406	0.00363	2.86	2.86	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166406	0.00334	2.92	2.92	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166406	0.00311	3.19	3.19	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166406	0.00295	3.45	3.45	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166406	0.00287	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166406	0.00287	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166406	0.00295	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166406	0.00315	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166406	0.00357	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166406	0.00442	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166406	0.00866	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166406	0.007	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166406	0.00583	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166406	0.00496	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166406	0.00427	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166406	0.00373	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166406	0.00332	4.17	4.17	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166406	0.00301	4.07	4.07	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166426	0.00085	4.47	4.47	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166426	0.00099	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166426	0.00116	4.45	4.45	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166426	0.0014	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166426	0.00169	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166426	0.00209	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166426	0.00266	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166426	0.0035	3.87	3.87	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166426	0.00504	3.92	3.92	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166426	0.01302	3.69	3.69	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166426	0.00974	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166426	0.00777	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166426	0.00646	3.68	3.68	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166426	0.00556	3.46	3.46	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166426	0.0049	3.13	3.13	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166426	0.00435	3.01	3.01	1.5	ANNUAL	PM25_31	5

Term131S	552144.8	4166426	0.00391	2.96	2.96	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166426	0.00357	2.86	2.86	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166426	0.0033	2.88	2.88	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166426	0.0031	3.17	3.17	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166426	0.00295	3.47	3.47	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166426	0.0029	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166426	0.00293	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166426	0.00305	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166426	0.00329	3.56	3.56	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166426	0.00375	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166426	0.00466	3.07	3.07	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166426	0.0086	2.98	2.98	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166426	0.00697	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166426	0.00582	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166426	0.00498	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166426	0.00429	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166426	0.00376	3.92	3.92	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166426	0.00336	3.99	3.99	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166426	0.00303	4.12	4.12	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166446	0.00096	4.03	4.03	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166446	0.00112	3.96	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166446	0.00133	3.65	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166446	0.00159	3.6	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166446	0.00194	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166446	0.00242	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166446	0.00311	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166446	0.00428	3.87	3.87	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166446	0.00696	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166446	0.01051	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166446	0.00819	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166446	0.00669	3.82	3.82	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166446	0.00571	3.47	3.47	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166446	0.00499	3.21	3.21	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166446	0.0044	3.22	3.22	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166446	0.00394	3.25	3.25	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166446	0.00359	3.12	3.12	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166446	0.00334	2.94	2.94	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166446	0.00314	3.22	3.22	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166446	0.00301	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166446	0.00299	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166446	0.00307	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166446	0.00325	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166446	0.00352	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166446	0.00401	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166446	0.00496	3.09	3.09	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166446	0.00851	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166446	0.00695	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166446	0.00584	2.89	2.89	1.5	ANNUAL	PM25_31	5

UCART1	552484.8	4166446	0.005	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166446	0.00431	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166446	0.00379	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166446	0.00339	3.86	3.86	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166446	0.00306	4.01	4.01	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166466	0.00093	4.37	4.37	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166466	0.00106	4.91	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166466	0.00121	5.72	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166466	0.00144	5.25	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166466	0.00177	4.08	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166466	0.00222	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166466	0.0028	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166466	0.00373	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166466	0.00561	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166466	0.01152	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166466	0.00879	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166466	0.00708	3.73	3.73	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166466	0.00592	3.65	3.65	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166466	0.00514	3.36	3.36	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166466	0.00454	3.34	3.34	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166466	0.00406	3.38	3.38	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166466	0.0037	3.27	3.27	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166466	0.00345	3	3	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166466	0.00326	3.18	3.18	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166466	0.00318	3.42	3.42	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166466	0.00323	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552264.8	4166466	0.0034	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166466	0.00361	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166466	0.00387	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166466	0.00435	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166466	0.00531	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166466	0.00848	3.25	3.25	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166466	0.00694	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166466	0.00585	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166466	0.00502	2.81	2.81	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166466	0.00433	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166466	0.00382	3.61	3.61	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166466	0.00341	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166486	0.00089	4.93	4.93	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166486	0.00099	6.14	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166486	0.00108	8.08	8.08	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166486	0.00129	7.1	7.1	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166486	0.00163	4.75	7.05	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166486	0.00205	3.32	7.05	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166486	0.00255	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166486	0.00332	3.78	3.78	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166486	0.00476	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166486	0.01288	3.71	3.71	1.5	ANNUAL	PM25_31	5

UCART1	552044.8	4166486	0.00951	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166486	0.00753	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166486	0.00616	3.86	3.86	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166486	0.00533	3.54	3.54	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166486	0.00473	3.39	3.39	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166486	0.00428	3.4	3.4	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166486	0.00392	3.37	3.37	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166486	0.00367	3.06	3.06	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166486	0.00354	3.06	3.06	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166486	0.00365	3.27	3.27	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166486	0.00386	3.4	3.4	1.5	ANNUAL	PM25_31	5
Term131S	552264.8	4166486	0.00402	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166486	0.00415	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166486	0.00433	3.56	3.56	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166486	0.00475	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166486	0.00571	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166486	0.00849	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166486	0.00693	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166486	0.00583	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166486	0.00501	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166486	0.00435	3.23	3.23	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166486	0.00384	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166486	0.00344	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166506	0.00086	4.76	4.76	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166506	0.00096	5.64	5.64	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166506	0.00107	7	7	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166506	0.00129	5.3	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166506	0.00156	4.02	7.05	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166506	0.00191	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166506	0.00236	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166506	0.00303	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166506	0.00421	3.49	3.49	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166506	0.00695	3.46	3.46	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166506	0.01414	3.56	3.56	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166506	0.01011	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166506	0.00793	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166506	0.00649	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166506	0.00555	3.49	3.49	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166506	0.00495	3.41	3.41	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166506	0.00459	3.37	3.37	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166506	0.00436	3.37	3.37	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166506	0.00414	3.18	3.18	1.5	ANNUAL	PM25_31	5
Term131S	552264.8	4166506	0.00495	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166506	0.00486	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166506	0.0049	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166506	0.00524	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166506	0.0062	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166506	0.00845	3.13	3.13	1.5	ANNUAL	PM25_31	5

UCART1	552444.8	4166506	0.00691	3.17	3.17	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166506	0.00582	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166506	0.00502	2.84	2.84	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166506	0.00436	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166506	0.00385	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166506	0.00345	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166526	0.00084	4.47	4.47	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166526	0.00094	5.15	5.15	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166526	0.00105	5.83	5.83	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166526	0.00125	4.58	4.58	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166526	0.00148	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166526	0.00178	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166526	0.00219	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166526	0.00278	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166526	0.0038	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166526	0.00597	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166526	0.01067	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166526	0.00828	3.61	3.61	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166526	0.00677	3.47	3.47	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166526	0.00578	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166526	0.0052	3.41	3.41	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166526	0.005	3.34	3.34	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166526	0.00527	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166526	0.00575	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166526	0.00555	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166526	0.00581	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166526	0.00683	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166526	0.00833	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166526	0.00686	3	3	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166526	0.00581	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166526	0.00503	2.73	2.73	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166526	0.00438	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166526	0.00387	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166526	0.00313	4.08	4.08	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166546	0.00081	4.12	4.12	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166546	0.00091	4.64	4.64	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166546	0.00104	4.64	4.64	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166546	0.00119	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166546	0.0014	4.09	4.09	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166546	0.00167	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166546	0.00203	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166546	0.00257	3.65	3.65	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166546	0.00346	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166546	0.00524	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166546	0.01129	3.8	3.8	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166546	0.00861	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166546	0.00701	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166546	0.00656	3.25	3.25	1.5	ANNUAL	PM25_31	5

UCART1	552304.8	4166546	0.00622	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166546	0.00642	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166546	0.00766	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166546	0.0082	2.82	2.82	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166546	0.00682	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166546	0.00581	2.63	2.63	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166546	0.00504	2.56	2.56	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166546	0.00441	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166546	0.00389	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166546	0.00315	3.87	3.87	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166566	0.00079	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166566	0.00089	3.85	3.85	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166566	0.00101	4.08	4.08	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166566	0.00114	4.2	4.2	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166566	0.00133	3.87	3.87	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166566	0.00158	3.62	3.62	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166566	0.00192	3.6	3.6	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166566	0.00241	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166566	0.0032	3.69	3.69	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166566	0.00472	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166566	0.01211	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166566	0.0092	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166566	0.00742	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166566	0.00682	3.09	3.09	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166566	0.00702	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166566	0.0086	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166566	0.00808	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166566	0.00677	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166566	0.0058	2.62	2.62	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166566	0.00504	2.61	2.61	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166566	0.00441	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166566	0.00349	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166566	0.00316	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166586	0.00087	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166586	0.00097	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166586	0.00111	3.82	3.82	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166586	0.00128	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166586	0.00151	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166586	0.00182	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166586	0.00228	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166586	0.00299	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166586	0.00432	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166586	0.00574	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166586	0.01305	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166586	0.00974	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166586	0.00777	3.09	3.09	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166586	0.00659	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166586	0.00738	3	3	1.5	ANNUAL	PM25_31	5

UCART1	552324.8	4166586	0.0076	2.83	2.83	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166586	0.00918	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166586	0.00804	2.73	2.73	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166586	0.00676	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166586	0.00581	2.62	2.62	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166586	0.00504	2.73	2.73	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166586	0.0044	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166586	0.00349	3.86	3.86	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166586	0.00315	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166606	0.00066	4.01	4.01	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166606	0.00084	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166606	0.00094	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166606	0.00107	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166606	0.00123	3.49	3.49	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166606	0.00145	3.49	3.49	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166606	0.00174	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166606	0.00218	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166606	0.00283	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166606	0.00399	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166606	0.00666	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166606	0.01019	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166606	0.01021	3.26	3.26	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166606	0.00802	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166606	0.00684	3.23	3.23	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166606	0.00789	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166606	0.00815	2.71	2.71	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166606	0.00919	2.74	2.74	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166606	0.0098	2.47	2.47	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166606	0.00806	2.54	2.54	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166606	0.0068	2.55	2.55	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166606	0.00583	2.58	2.58	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166606	0.00504	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166606	0.00389	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166606	0.00348	3.86	3.86	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166606	0.00315	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166626	0.00064	4.01	4.01	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166626	0.00081	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166626	0.00092	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166626	0.00104	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166626	0.00119	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166626	0.00139	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166626	0.00166	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166626	0.00207	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166626	0.00267	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166626	0.00369	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166626	0.00583	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166626	0.01091	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166626	0.00845	3.28	3.28	1.5	ANNUAL	PM25_31	5

UCART1	552104.8	4166626	0.00714	3.07	3.07	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166626	0.00839	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166626	0.00872	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166626	0.00945	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166626	0.00981	2.45	2.45	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166626	0.0081	2.48	2.48	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166626	0.00683	2.46	2.46	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166626	0.00582	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166626	0.00501	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166626	0.00388	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166626	0.00347	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166626	0.00314	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166646	0.00063	3.84	3.84	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166646	0.00079	3.16	3.16	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166646	0.00089	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166646	0.00101	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166646	0.00115	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166646	0.00134	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166646	0.00159	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166646	0.00197	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166646	0.00252	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166646	0.00342	2.97	2.97	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166646	0.0052	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166646	0.01163	2.65	2.65	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166646	0.00891	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166646	0.00743	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166646	0.00892	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166646	0.00938	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166646	0.00993	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166646	0.00988	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166646	0.00816	2.43	2.43	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166646	0.00684	2.42	2.42	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166646	0.00578	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166646	0.00432	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166646	0.00386	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166646	0.00347	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166646	0.00315	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166666	0.00061	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166666	0.00076	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166666	0.00086	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166666	0.00098	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166666	0.00111	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166666	0.00129	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166666	0.00153	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166666	0.00188	3.13	3.13	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166666	0.00236	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166666	0.00316	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166666	0.00469	3	3	1.5	ANNUAL	PM25_31	5

UCART1	552064.8	4166666	0.01235	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166666	0.00941	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166666	0.00771	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166666	0.00976	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166666	0.01035	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166666	0.01048	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166666	0.00998	2.45	2.45	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166666	0.00817	2.33	2.33	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166666	0.00677	2.48	2.48	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166666	0.00569	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166666	0.00429	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166666	0.00385	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166666	0.00347	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166666	0.00317	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166686	0.0006	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166686	0.00083	3	3	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166686	0.00095	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166686	0.00108	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166686	0.00125	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166686	0.00148	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166686	0.0018	3.02	3.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166686	0.00227	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166686	0.00298	2.97	2.97	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166686	0.00429	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166686	0.00658	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166686	0.0133	2.78	2.78	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166686	0.00994	2.77	2.77	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166686	0.00803	2.77	2.77	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166686	0.00688	3.02	3.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166686	0.0116	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166686	0.01211	2.57	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166686	0.01253	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166686	0.00995	2.54	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166686	0.00802	2.47	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166686	0.00661	2.66	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166686	0.00482	3.19	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166686	0.00428	3.09	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166686	0.00386	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166686	0.00351	3.35	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166686	0.00322	3.47	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166706	0.00058	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166706	0.00064	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166706	0.00081	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166706	0.00092	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166706	0.00105	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166706	0.00121	3.05	3.05	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166706	0.00143	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166706	0.00173	2.92	2.92	1.5	ANNUAL	PM25_31	5

UCART1	551984.8	4166706	0.00217	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166706	0.00283	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166706	0.00396	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166706	0.00656	2.88	2.88	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166706	0.01051	2.67	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166706	0.00835	2.79	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166706	0.00703	3	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166706	0.00669	2.45	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166706	0.00774	2.46	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166706	0.01525	2.57	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166706	0.01643	2.51	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166706	0.01595	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166706	0.01615	2.69	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166706	0.00967	2.62	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166706	0.00775	2.71	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166706	0.00642	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166706	0.00481	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166706	0.00432	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166706	0.00392	3.06	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166706	0.00359	3.24	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166706	0.00331	3.38	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166726	0.00057	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166726	0.00063	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166726	0.00078	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166726	0.00089	2.88	2.88	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166726	0.00102	2.83	2.83	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166726	0.00118	2.98	2.98	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166726	0.00138	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166726	0.00167	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166726	0.00207	2.85	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166726	0.00267	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166726	0.00367	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166726	0.00577	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166726	0.01113	2.57	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166726	0.00862	3.06	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166726	0.00714	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166726	0.00638	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166726	0.00623	2.73	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166726	0.00618	2.47	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166726	0.00659	2.29	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166726	0.00746	2.34	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166726	0.00881	2.41	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166726	0.01064	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166726	0.01324	2.33	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166726	0.01496	2.37	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166726	0.00921	2.54	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166726	0.00738	3.07	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166726	0.00488	2.82	320.02	1.5	ANNUAL	PM25_31	5

UCART1	552504.8	4166726	0.00445	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166726	0.00406	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166726	0.00372	3.19	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166726	0.00341	3.2	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166746	0.00076	3.33	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166746	0.00087	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166746	0.00099	2.72	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166746	0.00114	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166746	0.00134	2.93	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166746	0.0016	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166746	0.00197	2.93	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166746	0.00253	2.84	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166746	0.00343	2.82	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166746	0.00518	2.8	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166746	0.01178	2.64	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166746	0.00898	3.16	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166746	0.00735	3.29	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166746	0.00643	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166746	0.00599	2.82	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166746	0.00578	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166746	0.00585	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166746	0.00616	2.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166746	0.00669	2.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166746	0.00741	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166746	0.00841	2.3	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166746	0.00979	2.35	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166746	0.00851	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166746	0.007	3.27	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166746	0.00558	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166746	0.00514	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166746	0.0047	2.76	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166746	0.00425	3.16	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166746	0.00384	3.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166746	0.0035	3.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166766	0.00066	3.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166766	0.00084	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166766	0.00096	2.68	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166766	0.00111	2.71	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166766	0.0013	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166766	0.00154	3.16	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166766	0.00189	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166766	0.0024	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166766	0.00321	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166766	0.00471	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166766	0.01252	2.73	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166766	0.00941	3.13	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166766	0.00762	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166766	0.00653	3.02	320.02	1.5	ANNUAL	PM25_31	5

UCART1	552164.8	4166766	0.00586	2.94	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166766	0.00551	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166766	0.00538	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166766	0.00545	2.6	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166766	0.00569	2.54	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166766	0.00609	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166766	0.00669	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166766	0.00762	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166766	0.00798	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166766	0.00701	3.35	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166766	0.00627	2.72	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166766	0.00568	2.69	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166766	0.00504	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166766	0.00445	3.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166766	0.00394	4.2	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166766	0.00357	3.92	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166786	0.00064	3.63	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166786	0.00082	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166786	0.00093	2.83	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166786	0.00107	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166786	0.00125	3.1	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166786	0.00147	3.46	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166786	0.00181	2.97	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166786	0.00227	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166786	0.00299	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166786	0.00429	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166786	0.00659	2.8	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166786	0.01347	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166786	0.00998	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166786	0.00795	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166786	0.00665	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166786	0.00584	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166786	0.00537	2.9	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166786	0.00516	2.54	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166786	0.00508	2.51	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166786	0.00515	2.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166786	0.00537	2.68	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166786	0.00579	2.69	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166786	0.00664	2.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166786	0.00767	2.63	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166786	0.00638	2.82	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166786	0.0054	3.25	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166786	0.00467	3.55	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166786	0.0041	3.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166786	0.00367	3.77	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166806	0.00063	3.63	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166806	0.00079	3.38	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166806	0.0009	3.23	320.02	1.5	ANNUAL	PM25_31	5

UCART1	551924.8	4166806	0.00103	3.22	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166806	0.0012	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166806	0.00143	3.37	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166806	0.00175	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166806	0.00217	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166806	0.00281	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166806	0.00394	2.93	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166806	0.00646	2.83	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166806	0.0105	2.82	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166806	0.00824	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166806	0.00679	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166806	0.00588	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166806	0.00531	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166806	0.00502	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166806	0.00485	2.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166806	0.00483	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166806	0.00497	2.7	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166806	0.00533	2.73	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166806	0.00622	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166806	0.01149	3.47	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166806	0.01051	2.98	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166806	0.00884	2.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166806	0.00697	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166806	0.00573	3.17	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166806	0.00488	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166806	0.00424	3.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166806	0.00376	3.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166826	0.00061	3.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166826	0.00076	3.73	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166826	0.00087	3.69	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166826	0.001	3.63	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166826	0.00116	3.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166826	0.00138	3.21	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166826	0.00168	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166826	0.00207	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166826	0.00266	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166826	0.00364	2.96	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166826	0.00568	2.85	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166826	0.01104	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166826	0.00853	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166826	0.00697	3.18	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166826	0.00596	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166826	0.00531	3.11	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166826	0.00495	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166826	0.00472	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166826	0.00465	2.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166826	0.00475	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166826	0.00512	2.62	320.02	1.5	ANNUAL	PM25_31	5

UCART1	552304.8	4166826	0.00608	2.45	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166826	0.01029	3.92	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166826	0.00952	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166826	0.00886	2.42	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166826	0.00715	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166826	0.00591	2.71	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166826	0.00502	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166826	0.00433	3.25	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166826	0.00382	3.18	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166846	0.0006	3.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166846	0.00067	3.53	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166846	0.00084	3.96	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166846	0.00096	3.9	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166846	0.00112	3.68	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166846	0.00132	3.42	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166846	0.0016	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166846	0.00198	2.92	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166846	0.00251	3	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166846	0.00338	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166846	0.00509	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166846	0.0118	2.67	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166846	0.00899	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166846	0.00724	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166846	0.0061	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166846	0.00535	3.18	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166846	0.00492	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166846	0.00465	2.62	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166846	0.00455	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166846	0.00465	2.51	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166846	0.00504	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166846	0.00607	2.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166846	0.01034	2.41	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166846	0.00936	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166846	0.00874	2.46	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166846	0.0071	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166846	0.00591	2.79	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166846	0.00502	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166846	0.00435	3.04	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551904.6	4166869	0.00081	4.03	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551924.6	4166869	0.00092	4.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166869	0.00107	3.81	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166869	0.00126	3.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166869	0.00152	3.22	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166869	0.00187	2.92	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166869	0.00235	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166869	0.00311	3.06	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166869	0.00454	2.84	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166869	0.00593	2.67	320.02	1.5	ANNUAL	PM25_31	5

UCART2	552104.6	4166869	0.01274	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166869	0.00953	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166869	0.00757	2.96	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166869	0.0063	3.04	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166869	0.00545	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166869	0.00493	3.03	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166869	0.00463	2.8	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166869	0.00451	2.59	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166869	0.00461	2.47	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166869	0.00503	2.45	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552304.6	4166869	0.00617	2.45	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166869	0.00926	2.66	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166869	0.01016	2.02	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166869	0.00922	2.48	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552464.6	4166869	0.00863	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166869	0.00701	2.66	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166869	0.00584	2.85	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552524.6	4166869	0.00497	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552544.6	4166869	0.00432	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551884.6	4166889	0.0007	3.59	356.4	1.5	ANNUAL	PM25_31	5
UCART2	551924.6	4166889	0.00089	4.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166889	0.00103	3.83	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166889	0.00121	3.51	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166889	0.00145	3.33	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166889	0.00178	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166889	0.00223	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166889	0.00291	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166889	0.00415	2.83	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166889	0.00712	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552104.6	4166889	0.01373	2.97	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166889	0.01	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166889	0.00787	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166889	0.00649	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166889	0.00558	3.07	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166889	0.00497	3.2	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166889	0.00464	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166889	0.00452	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166889	0.00463	2.55	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166889	0.00508	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552304.6	4166889	0.00635	2.52	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166889	0.01191	2.72	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166889	0.00987	2.57	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166889	0.00908	2.6	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552464.6	4166889	0.0085	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166889	0.00691	2.7	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166889	0.00575	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552524.6	4166889	0.00489	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551924.6	4166909	0.00087	3.97	356.4	1.5	ANNUAL	PM25_31	5

UCART2	551944.6	4166909	0.001	3.62	356.4	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166909	0.00117	3.34	356.4	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166909	0.00139	3.25	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166909	0.00168	3.13	345.72	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166909	0.0021	3.09	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166909	0.00274	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166909	0.0038	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166909	0.00612	2.94	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166909	0.01058	2.94	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166909	0.00822	3.07	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166909	0.00671	3.11	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166909	0.00574	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166909	0.00508	3.1	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166909	0.00469	3.17	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166909	0.00453	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166909	0.00463	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166909	0.00512	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552304.6	4166909	0.00656	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166909	0.01161	2.72	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166909	0.0096	2.84	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166909	0.00886	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552464.6	4166909	0.00833	2.7	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166909	0.0068	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166909	0.00566	2.79	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552524.6	4166909	0.00481	3.04	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551904.6	4166929	0.00074	3.93	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551924.6	4166929	0.00084	3.89	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166929	0.00096	3.65	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166929	0.00112	3.52	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166929	0.00132	3.22	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166929	0.0016	3.18	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166929	0.00198	3.14	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166929	0.00257	3.08	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166929	0.00352	3.03	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166929	0.00542	2.98	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166929	0.01121	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166929	0.00861	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166929	0.00697	3.11	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166929	0.0059	3.14	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166929	0.00519	3.29	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166929	0.00477	3.4	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166929	0.0046	3.48	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166929	0.0047	3.5	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166929	0.00525	3.43	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552304.6	4166929	0.00684	3.36	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166929	0.01112	2.77	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166929	0.00925	2.93	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166929	0.00862	3	320.02	1.5	ANNUAL	PM25_31	5

UCART2	552464.6	4166929	0.00814	2.83	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166929	0.00667	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166929	0.00555	2.7	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166949	0.00092	3.84	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166949	0.00106	3.8	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166949	0.00126	3.23	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166949	0.00151	3.19	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166949	0.00187	3.21	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166949	0.0024	3.15	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166949	0.00326	3.03	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166949	0.00487	2.97	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166949	0.01193	2.98	345.72	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166949	0.00905	3.04	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166949	0.00726	3.11	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166949	0.00607	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166949	0.00531	3.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166949	0.00488	3.63	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166949	0.00471	3.7	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166949	0.00486	3.64	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166949	0.0055	3.57	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166949	0.01051	2.84	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166949	0.00888	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166949	0.00839	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552464.6	4166949	0.00793	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166949	0.00651	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166949	0.00543	2.62	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166969	0.00088	4.26	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166969	0.00102	3.85	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166969	0.0012	3.49	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166969	0.00143	3.35	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166969	0.00175	3.37	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166969	0.00223	3.28	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166969	0.00301	3.16	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166969	0.00438	3.3	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166969	0.01277	3.09	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166969	0.00947	3.29	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166969	0.00756	3.24	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166969	0.00638	2.91	345.72	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166969	0.00615	2.19	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166969	0.00991	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166969	0.00845	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166969	0.00801	3.54	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166989	0.00097	4.16	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166989	0.00113	3.67	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166989	0.00135	3.5	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166989	0.00164	3.48	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166989	0.00207	3.41	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166989	0.00277	3.34	356.88	1.5	ANNUAL	PM25_31	5

UCART2	552084.6	4166989	0.00396	3.5	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552104.6	4166989	0.00688	3.14	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166989	0.01389	3.09	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166989	0.01016	2.83	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166989	0.00589	2.19	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166989	0.00531	3.33	345.72	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166989	0.00526	3.13	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166989	0.00572	2.47	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552364.6	4166989	0.0117	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166989	0.00944	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166989	0.00806	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166989	0.00776	3.48	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4167009	0.00092	4.62	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4167009	0.00107	3.8	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4167009	0.00127	3.64	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4167009	0.00153	3.55	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4167009	0.00192	3.54	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4167009	0.00252	3.56	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4167009	0.00359	3.58	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552104.6	4167009	0.0059	3.57	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4167009	0.00682	3.64	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4167009	0.00599	3.57	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4167009	0.00552	4.03	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4167009	0.00554	4.2	348.95	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4167009	0.00632	4.36	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4167029	0.00101	4.15	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4167029	0.00119	3.82	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4167029	0.00144	3.55	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4167029	0.00178	3.58	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4167029	0.00231	3.56	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4167029	0.00333	2.77	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4167029	0.01137	3.29	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4167029	0.00887	3.03	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4167029	0.00712	3.98	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4167029	0.00631	3.96	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4167029	0.006	3.93	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4167029	0.00629	4.07	356.4	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4167049	0.00095	4.63	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4167049	0.00112	3.92	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4167049	0.00134	3.36	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4167049	0.00167	3.04	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4167049	0.00216	2.79	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4167049	0.01217	3.84	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4167049	0.00951	3.61	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4167049	0.00774	4.13	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4167049	0.00689	4.14	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4167049	0.00681	3.85	356.88	1.5	ANNUAL	PM25_31	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Height	Flagpole (Z	Averagin Pe	Source Gro	Num Years	Net ID
UCART1	552064.8	4166026	0.00012	4.6	4.6	1.5	ANNUAL	DPM	5	
UCART1	552084.8	4166026	0.00012	4.06	4.06	1.5	ANNUAL	DPM	5	
UCART1	552104.8	4166026	0.00011	3.76	3.76	1.5	ANNUAL	DPM	5	
UCART1	552124.8	4166026	0.00011	3.81	3.81	1.5	ANNUAL	DPM	5	
UCART1	552144.8	4166026	0.00011	3.84	3.84	1.5	ANNUAL	DPM	5	
UCART1	552164.8	4166026	0.00011	3.33	3.33	1.5	ANNUAL	DPM	5	
UCART1	552184.8	4166026	0.00011	3.35	3.35	1.5	ANNUAL	DPM	5	
UCART1	552204.8	4166026	0.00011	3.16	3.16	1.5	ANNUAL	DPM	5	
UCART1	552224.8	4166026	0.00011	3	3	1.5	ANNUAL	DPM	5	
UCART1	552244.8	4166026	0.00011	2.93	2.93	1.5	ANNUAL	DPM	5	
UCART1	552264.8	4166026	0.00011	2.94	2.94	1.5	ANNUAL	DPM	5	
UCART1	552284.8	4166026	0.00012	2.99	2.99	1.5	ANNUAL	DPM	5	
UCART1	552304.8	4166026	0.00012	2.98	2.98	1.5	ANNUAL	DPM	5	
UCART1	552324.8	4166026	0.00012	3.02	3.02	1.5	ANNUAL	DPM	5	
UCART1	552344.8	4166026	0.00012	2.88	2.88	1.5	ANNUAL	DPM	5	
UCART1	552364.8	4166026	0.00013	2.63	2.63	1.5	ANNUAL	DPM	5	
UCART1	552064.8	4166046	0.00013	3.83	3.83	1.5	ANNUAL	DPM	5	
UCART1	552084.8	4166046	0.00013	3.66	3.66	1.5	ANNUAL	DPM	5	
UCART1	552104.8	4166046	0.00013	3.73	3.73	1.5	ANNUAL	DPM	5	
UCART1	552124.8	4166046	0.00012	3.71	3.71	1.5	ANNUAL	DPM	5	
UCART1	552144.8	4166046	0.00012	3.55	3.55	1.5	ANNUAL	DPM	5	
UCART1	552164.8	4166046	0.00012	3.43	3.43	1.5	ANNUAL	DPM	5	
UCART1	552184.8	4166046	0.00012	3.46	3.46	1.5	ANNUAL	DPM	5	
UCART1	552204.8	4166046	0.00012	3.33	3.33	1.5	ANNUAL	DPM	5	
UCART1	552224.8	4166046	0.00012	3.19	3.19	1.5	ANNUAL	DPM	5	
UCART1	552244.8	4166046	0.00012	3.08	3.08	1.5	ANNUAL	DPM	5	
UCART1	552264.8	4166046	0.00012	3.04	3.04	1.5	ANNUAL	DPM	5	
UCART1	552284.8	4166046	0.00012	3.2	3.2	1.5	ANNUAL	DPM	5	
UCART1	552304.8	4166046	0.00013	3.03	3.03	1.5	ANNUAL	DPM	5	
UCART1	552324.8	4166046	0.00013	2.68	2.68	1.5	ANNUAL	DPM	5	
UCART1	552344.8	4166046	0.00013	2.44	2.44	1.5	ANNUAL	DPM	5	
UCART1	552364.8	4166046	0.00014	2.37	2.37	1.5	ANNUAL	DPM	5	
UCART1	551924.8	4166066	0.00017	4.58	4.58	1.5	ANNUAL	DPM	5	
UCART1	551944.8	4166066	0.00017	4.32	4.32	1.5	ANNUAL	DPM	5	
UCART1	551964.8	4166066	0.00016	4.31	4.31	1.5	ANNUAL	DPM	5	
UCART1	551984.8	4166066	0.00016	4.1	4.1	1.5	ANNUAL	DPM	5	
UCART1	552004.8	4166066	0.00016	3.84	3.84	1.5	ANNUAL	DPM	5	
UCART1	552024.8	4166066	0.00015	3.7	3.7	1.5	ANNUAL	DPM	5	
UCART1	552044.8	4166066	0.00015	3.7	3.7	1.5	ANNUAL	DPM	5	
UCART1	552064.8	4166066	0.00015	3.53	3.53	1.5	ANNUAL	DPM	5	
UCART1	552084.8	4166066	0.00014	3.53	3.53	1.5	ANNUAL	DPM	5	
UCART1	552104.8	4166066	0.00014	3.76	3.76	1.5	ANNUAL	DPM	5	
UCART1	552124.8	4166066	0.00014	3.7	3.7	1.5	ANNUAL	DPM	5	
UCART1	552144.8	4166066	0.00013	3.5	3.5	1.5	ANNUAL	DPM	5	
UCART1	552164.8	4166066	0.00013	3.58	3.58	1.5	ANNUAL	DPM	5	
UCART1	552184.8	4166066	0.00013	3.42	3.42	1.5	ANNUAL	DPM	5	
UCART1	552204.8	4166066	0.00013	3.29	3.29	1.5	ANNUAL	DPM	5	
UCART1	552224.8	4166066	0.00013	3.24	3.24	1.5	ANNUAL	DPM	5	

UCART1	552244.8	4166066	0.00013	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166066	0.00013	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166066	0.00013	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166066	0.00014	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166066	0.00014	2.56	2.56	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166066	0.00014	2.3	2.3	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166066	0.00015	2.29	2.29	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166086	0.00019	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166086	0.00018	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166086	0.00018	4.65	4.65	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166086	0.00018	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166086	0.00018	3.82	3.82	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166086	0.00017	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166086	0.00017	3.65	3.65	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166086	0.00017	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166086	0.00016	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166086	0.00016	3.79	3.79	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166086	0.00015	3.73	3.73	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166086	0.00015	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166086	0.00014	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166086	0.00014	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166086	0.00014	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166086	0.00014	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166086	0.00014	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166086	0.00014	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166086	0.00014	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166086	0.00015	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166086	0.00015	2.59	2.59	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166086	0.00016	2.38	2.38	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166086	0.00017	2.34	2.34	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166086	0.00024	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166086	0.00023	3	3	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166086	0.00023	2.42	2.42	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166086	0.00023	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166086	0.00024	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166086	0.00025	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166106	0.0002	4.88	4.88	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166106	0.0002	4.68	4.68	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166106	0.0002	4.62	4.62	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166106	0.0002	4.94	4.94	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166106	0.0002	5.06	5.06	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166106	0.0002	4.8	4.8	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166106	0.0002	4.16	4.16	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166106	0.0002	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166106	0.00019	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166106	0.00019	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166106	0.00018	3.79	3.79	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166106	0.00018	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166106	0.00017	3.67	3.67	1.5	ANNUAL	DPM	5

UCART1	552144.8	4166106	0.00017	3.82	3.82	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166106	0.00016	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166106	0.00016	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166106	0.00016	2.54	2.54	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166106	0.00015	2.4	2.4	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166106	0.00016	2.44	2.44	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166106	0.00016	2.61	2.61	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166106	0.00016	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166106	0.00016	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166106	0.00017	2.78	2.78	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166106	0.00017	2.59	2.59	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166106	0.00019	2.47	2.47	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166106	0.00026	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166106	0.00025	2.84	2.84	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166106	0.00025	2.61	2.61	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166106	0.00026	2.68	2.68	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166106	0.00027	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166106	0.00028	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166126	0.00021	4.78	4.78	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166126	0.00022	4.77	4.77	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166126	0.00022	4.62	4.62	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166126	0.00023	4.62	4.62	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166126	0.00023	5	5	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166126	0.00023	5.31	5.31	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166126	0.00024	5.06	5.06	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166126	0.00024	4.41	4.41	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166126	0.00024	3.8	3.8	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166126	0.00023	3.46	3.46	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166126	0.00022	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166126	0.00021	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166126	0.0002	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166126	0.0002	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166126	0.00019	3.92	3.92	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166126	0.00018	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166126	0.00018	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166126	0.00017	2.4	2.4	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166126	0.00017	2.26	2.26	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166126	0.00017	2.26	2.26	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166126	0.00017	2.35	2.35	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166126	0.00017	2.93	2.93	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166126	0.00018	2.78	2.78	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166126	0.00018	2.71	2.71	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166126	0.00019	2.58	2.58	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166126	0.0002	2.58	2.58	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166126	0.00028	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166126	0.00028	2.77	2.77	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166126	0.00028	2.74	2.74	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166126	0.0003	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166126	0.00031	2.75	2.75	1.5	ANNUAL	DPM	5

UCART1	552564.8	4166126	0.00033	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166146	0.00021	4.84	4.84	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166146	0.00022	4.67	4.67	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166146	0.00023	4.62	4.62	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166146	0.00025	4.54	4.54	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166146	0.00026	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166146	0.00028	4.83	4.83	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166146	0.00029	5.39	5.39	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166146	0.0003	5.1	5.1	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166146	0.0003	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166146	0.00029	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166146	0.00028	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166146	0.00027	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166146	0.00026	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166146	0.00024	3.6	3.6	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166146	0.00023	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166146	0.00021	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166146	0.0002	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166146	0.00019	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166146	0.00019	2.61	2.61	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166146	0.00018	2.65	2.65	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166146	0.00018	2.6	2.6	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166146	0.00019	2.45	2.45	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166146	0.00019	2.45	2.45	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166146	0.00019	2.53	2.53	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166146	0.0002	2.38	2.38	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166146	0.00021	2.35	2.35	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166146	0.00023	2.69	2.69	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166146	0.00031	2.64	2.64	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166146	0.00031	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166146	0.00032	2.81	2.81	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166146	0.00034	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166146	0.00036	2.87	2.87	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166146	0.00039	2.77	2.77	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166166	0.00021	4.89	4.89	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166166	0.00022	4.93	4.93	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166166	0.00024	4.86	4.86	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166166	0.00025	4.75	4.75	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166166	0.0004	4.38	4.38	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166166	0.00044	4.46	4.46	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166166	0.00041	4.25	4.25	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166166	0.00042	3.97	3.97	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166166	0.00041	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166166	0.00039	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166166	0.00036	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166166	0.00034	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166166	0.0003	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166166	0.00027	3.3	3.3	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166166	0.00024	3.24	3.24	1.5	ANNUAL	DPM	5

UCART1	552164.8	4166166	0.00023	3.09	3.09	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166166	0.00021	2.82	2.82	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166166	0.00021	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166166	0.0002	2.98	2.98	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166166	0.0002	2.97	2.97	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166166	0.0002	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166166	0.00021	2.62	2.62	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166166	0.00021	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166166	0.00022	2.68	2.68	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166166	0.00023	2.59	2.59	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166166	0.00025	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166166	0.00035	2.78	2.78	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166166	0.00035	2.15	2.15	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166166	0.00036	2.39	2.39	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166166	0.00037	2.93	2.93	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166166	0.0004	3.05	3.05	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166166	0.00042	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166166	0.00046	2.84	2.84	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166186	0.0002	4.79	4.79	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166186	0.00021	4.87	4.87	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166186	0.00023	4.91	4.91	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166186	0.00025	4.81	4.81	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166186	0.00027	4.68	4.68	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166186	0.00043	4.43	4.43	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166186	0.00041	4.41	4.41	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166186	0.00042	4.15	4.15	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166186	0.00042	3.85	3.85	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166186	0.00043	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166186	0.00043	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166186	0.00042	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166186	0.00042	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166186	0.00035	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166186	0.0003	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166186	0.00027	3.02	3.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166186	0.00025	3.01	3.01	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166186	0.00024	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166186	0.00023	3.04	3.04	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166186	0.00022	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166186	0.00022	3.13	3.13	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166186	0.00022	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166186	0.00023	2.43	2.43	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166186	0.00023	2.44	2.44	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166186	0.00024	2.5	2.5	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166186	0.00025	2.51	2.51	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166186	0.00028	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166186	0.00044	2.75	2.75	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166186	0.00047	2.74	2.74	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166186	0.00051	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166186	0.00054	2.96	2.96	1.5	ANNUAL	DPM	5

UCART1	551804.8	4166206	0.0002	4.8	4.8	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166206	0.00022	4.89	4.89	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166206	0.00024	4.78	4.78	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166206	0.00026	4.57	4.57	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166206	0.00029	4.46	4.46	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166206	0.00045	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166206	0.00041	4.84	4.84	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166206	0.0004	4.36	4.36	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166206	0.0004	3.85	3.85	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166206	0.0004	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166206	0.00039	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166206	0.00039	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166206	0.00043	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166206	0.00037	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166206	0.00033	3.26	3.26	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166206	0.0003	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166206	0.00027	3.61	3.61	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166206	0.00026	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166206	0.00025	3.16	3.16	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166206	0.00024	3.07	3.07	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166206	0.00024	3.03	3.03	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166206	0.00024	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166206	0.00044	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166206	0.00046	2.12	2.12	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166206	0.00057	1.62	1.62	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166206	0.00061	2.52	2.52	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166206	0.00065	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166226	0.00021	4.64	4.64	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166226	0.00023	4.4	4.4	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166226	0.00025	4.18	4.18	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166226	0.00027	4.27	4.27	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166226	0.00041	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166226	0.00043	4.66	4.66	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166226	0.00042	4.32	4.32	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166226	0.00041	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166226	0.00041	3.79	3.79	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166226	0.00041	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166226	0.00041	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166226	0.00044	3.69	3.69	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166226	0.00038	3.77	3.77	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166226	0.00035	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166226	0.00032	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166226	0.0003	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166226	0.00028	3.3	3.3	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166226	0.00051	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166226	0.00063	2.68	2.68	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166226	0.00068	2.44	2.44	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166226	0.00078	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166246	0.00021	4.53	4.53	1.5	ANNUAL	DPM	5

UCART1	551824.8	4166246	0.00023	4.09	4.09	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166246	0.00026	3.83	3.83	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166246	0.00028	4.17	4.17	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166246	0.00032	4.33	4.33	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166246	0.00037	4.45	4.45	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166246	0.0004	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166246	0.00046	4.58	4.58	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166246	0.00044	4.41	4.41	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166246	0.00044	4.19	4.19	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166246	0.00043	4.1	4.1	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166246	0.00043	3.97	3.97	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166246	0.00045	3.76	3.76	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166246	0.00044	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166246	0.00046	3.73	3.73	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166246	0.00041	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166246	0.00038	3.66	3.66	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166246	0.00035	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166246	0.00033	2.96	2.96	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166246	0.0003	2.05	2.05	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166246	0.00029	2.49	2.49	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166246	0.0003	3.16	3.16	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166246	0.00031	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166246	0.00032	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166246	0.00034	3.17	3.17	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166246	0.00036	3.13	3.13	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166246	0.00058	3.35	3.35	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166246	0.00061	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166246	0.00065	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166246	0.00071	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166246	0.00076	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166246	0.00082	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166246	0.00088	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166266	0.00022	4.46	4.46	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166266	0.00024	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166266	0.00026	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166266	0.00029	4.26	4.26	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166266	0.00033	4.33	4.33	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166266	0.00038	4.42	4.42	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166266	0.00048	4.6	4.6	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166266	0.00047	4.67	4.67	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166266	0.00046	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166266	0.00047	4.43	4.43	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166266	0.00047	4.25	4.25	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166266	0.00049	3.92	3.92	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166266	0.00052	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166266	0.00051	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166266	0.00045	3.62	3.62	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166266	0.00041	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166266	0.00039	2.87	2.87	1.5	ANNUAL	DPM	5

UCART1	552204.8	4166266	0.00033	2.78	2.78	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166266	0.00033	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166266	0.00033	3.13	3.13	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166266	0.00033	3.3	3.3	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166266	0.00035	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166266	0.00036	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166266	0.00039	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166266	0.00042	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166266	0.0007	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166266	0.00074	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166266	0.0008	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166266	0.00087	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166266	0.00093	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166266	0.00099	3.62	3.62	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166266	0.00106	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166266	0.00111	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166286	0.00022	4.36	4.36	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166286	0.00024	4.11	4.11	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166286	0.00027	4.23	4.23	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166286	0.0003	4.11	4.11	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166286	0.00034	4.18	4.18	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166286	0.00039	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166286	0.00052	4.49	4.49	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166286	0.00051	4.29	4.29	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166286	0.00051	4.28	4.28	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166286	0.00051	4.41	4.41	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166286	0.00052	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166286	0.00054	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166286	0.00063	3.56	3.56	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166286	0.00056	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166286	0.00051	3.49	3.49	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166286	0.00047	2.81	2.81	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166286	0.00039	2.55	2.55	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166286	0.00037	3.21	3.21	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166286	0.00036	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166286	0.00037	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166286	0.00038	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166286	0.0004	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166286	0.00042	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166286	0.00046	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166286	0.0005	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166286	0.00085	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166286	0.00092	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166286	0.00099	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166286	0.00107	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166286	0.00115	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166286	0.00121	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166286	0.00127	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166286	0.00131	3.65	3.65	1.5	ANNUAL	DPM	5

UCART1	551764.8	4166306	0.00019	5.27	5.27	1.5	ANNUAL	DPM	5
UCART1	551784.8	4166306	0.00021	4.78	4.78	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166306	0.00023	4.32	4.32	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166306	0.00025	4.26	4.26	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166306	0.00027	4.48	4.48	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166306	0.00031	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166306	0.00035	4	4	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166306	0.00039	4.2	4.2	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166306	0.00045	4.34	4.34	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166306	0.00057	4.36	4.36	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166306	0.00055	4.09	4.09	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166306	0.00055	4.13	4.13	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166306	0.00056	4.36	4.36	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166306	0.00057	4.29	4.29	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166306	0.0006	3.95	3.95	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166306	0.00063	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166306	0.00063	3.11	3.11	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166306	0.00045	3.31	3.31	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166306	0.00043	3.33	3.33	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166306	0.00042	3.61	3.61	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166306	0.00041	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166306	0.00042	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166306	0.00044	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166306	0.00046	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166306	0.0005	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166306	0.00055	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166306	0.00062	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166306	0.00107	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166306	0.00115	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166306	0.00125	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166306	0.00134	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166306	0.00141	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166306	0.00147	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166306	0.00152	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166306	0.00155	3.66	3.66	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166326	0.00019	4.79	4.79	1.5	ANNUAL	DPM	5
UCART1	551784.8	4166326	0.00021	4.51	4.51	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166326	0.00023	4.35	4.35	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166326	0.00025	4.39	4.39	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166326	0.00028	4.3	4.3	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166326	0.00032	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166326	0.00035	3.77	3.77	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166326	0.0004	4.09	4.09	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166326	0.00046	4.26	4.26	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166326	0.0006	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166326	0.0006	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166326	0.00061	4.29	4.29	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166326	0.00062	4.19	4.19	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166326	0.00066	4.03	4.03	1.5	ANNUAL	DPM	5

UCART1	552064.8	4166326	0.00066	3.79	3.79	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166326	0.0006	2.72	2.72	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166326	0.00055	2.98	2.98	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166326	0.00052	3.29	3.29	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166326	0.00049	3.47	3.47	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166326	0.00048	4.02	4.02	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166326	0.00047	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166326	0.00049	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166326	0.00051	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166326	0.00055	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166326	0.00061	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166326	0.00068	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166326	0.00078	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166326	0.00136	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166326	0.00147	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166326	0.00158	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166326	0.00167	3.03	3.03	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166326	0.00173	3.35	3.35	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166326	0.00177	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166326	0.0018	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166326	0.00181	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166346	0.0002	4.79	4.79	1.5	ANNUAL	DPM	5
UCART1	551784.8	4166346	0.00021	4.59	4.59	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166346	0.00023	5.05	5.05	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166346	0.00025	5.62	5.62	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166346	0.00028	5.2	5.2	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166346	0.00032	4.5	4.5	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166346	0.00036	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166346	0.00041	4.08	4.08	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166346	0.00046	4.28	4.28	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166346	0.00052	4.17	4.17	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166346	0.00066	4.15	4.15	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166346	0.00065	4.34	4.34	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166346	0.00067	4.32	4.32	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166346	0.00069	4.18	4.18	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166346	0.00072	4.03	4.03	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166346	0.00078	2.83	2.83	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166346	0.00073	2.89	2.89	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166346	0.00068	3.13	3.13	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166346	0.00064	3.24	3.24	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166346	0.0006	3.2	3.2	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166346	0.00058	3.38	3.38	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166346	0.00056	3.78	3.78	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166346	0.00056	3.6	3.6	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166346	0.00058	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166346	0.00062	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166346	0.00068	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166346	0.00076	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166346	0.00088	3.39	3.39	1.5	ANNUAL	DPM	5

UCART1	552344.8	4166346	0.00103	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166346	0.00176	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166346	0.00188	3.15	3.15	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166346	0.00199	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166346	0.00206	2.81	2.81	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166346	0.00209	3.3	3.3	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166346	0.00211	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166346	0.0021	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166346	0.00207	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166366	0.0002	4.82	4.82	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166366	0.00024	5.3	5.3	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166366	0.00026	6.04	6.04	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166366	0.00029	5.49	5.49	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166366	0.00032	4.89	4.89	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166366	0.00036	4.05	4.05	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166366	0.00041	4.02	4.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166366	0.00047	4.2	4.2	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166366	0.00055	4.1	4.1	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166366	0.00072	4.23	4.23	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166366	0.00073	4.26	4.26	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166366	0.00075	4.13	4.13	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166366	0.00079	3.98	3.98	1.5	ANNUAL	DPM	5
Term131S	552064.8	4166366	0.00082	3.93	3.93	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166366	0.00083	3.53	3.53	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166366	0.00081	3.46	3.46	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166366	0.00079	3.4	3.4	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166366	0.00075	3.26	3.26	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166366	0.00072	3.08	3.08	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166366	0.00068	3.2	3.2	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166366	0.00067	3.39	3.39	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166366	0.00067	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166366	0.0007	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166366	0.00077	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166366	0.00087	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166366	0.001	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166366	0.00118	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166366	0.00141	3.15	3.15	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166366	0.00228	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166366	0.00239	3.17	3.17	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166366	0.00247	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166366	0.00252	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166366	0.0025	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166366	0.00247	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166366	0.00242	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166366	0.00235	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166386	0.00021	4.81	4.81	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166386	0.00024	4.48	4.48	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166386	0.00027	4.53	4.53	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166386	0.0003	4.19	4.19	1.5	ANNUAL	DPM	5

UCART1	551864.8	4166386	0.00033	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166386	0.00037	3.75	3.75	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166386	0.00042	3.78	3.78	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166386	0.00048	3.86	3.86	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166386	0.00055	3.97	3.97	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166386	0.00065	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166386	0.00079	3.84	3.84	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166386	0.00081	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166386	0.00083	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166386	0.00087	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166386	0.0009	3.91	3.91	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166386	0.00092	3.46	3.46	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166386	0.00093	3.3	3.3	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166386	0.00093	3.17	3.17	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166386	0.00091	3.04	3.04	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166386	0.00087	2.93	2.93	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166386	0.00084	3.02	3.02	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166386	0.00082	3.26	3.26	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166386	0.00083	3.45	3.45	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166386	0.00089	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166386	0.001	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166386	0.00116	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166386	0.00139	3.6	3.6	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166386	0.00167	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166386	0.00199	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166386	0.00294	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166386	0.00301	3.04	3.04	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166386	0.00303	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166386	0.00301	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166386	0.00293	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166386	0.00284	3.76	3.76	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166386	0.00273	4.08	4.08	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166386	0.00262	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166406	0.00021	4.89	4.89	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166406	0.00025	4.43	4.43	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166406	0.00027	4.46	4.46	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166406	0.0003	4.25	4.25	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166406	0.00034	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166406	0.00038	3.83	3.83	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166406	0.00043	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166406	0.00049	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166406	0.00056	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166406	0.00066	3.95	3.95	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166406	0.00088	3.79	3.79	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166406	0.00092	3.82	3.82	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166406	0.00097	3.78	3.78	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166406	0.00101	3.79	3.79	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166406	0.00105	3.45	3.45	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166406	0.00108	3.19	3.19	1.5	ANNUAL	DPM	5

Term131S	552124.8	4166406	0.0011	3.05	3.05	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166406	0.0011	2.95	2.95	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166406	0.00108	2.86	2.86	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166406	0.00105	2.92	2.92	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166406	0.00104	3.19	3.19	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166406	0.00107	3.45	3.45	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166406	0.00118	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166406	0.00138	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166406	0.00167	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166406	0.00204	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166406	0.00246	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166406	0.00288	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166406	0.00373	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166406	0.00371	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166406	0.00365	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166406	0.00354	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166406	0.00339	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166406	0.00322	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166406	0.00305	4.17	4.17	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166406	0.00288	4.07	4.07	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166426	0.00025	4.47	4.47	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166426	0.00027	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166426	0.0003	4.45	4.45	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166426	0.00034	3.75	3.75	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166426	0.00038	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166426	0.00043	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166426	0.00049	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166426	0.00057	3.87	3.87	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166426	0.00067	3.92	3.92	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166426	0.00096	3.69	3.69	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166426	0.00101	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166426	0.00108	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166426	0.00114	3.68	3.68	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166426	0.0012	3.46	3.46	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166426	0.00126	3.13	3.13	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166426	0.0013	3.01	3.01	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166426	0.00134	2.96	2.96	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166426	0.00137	2.86	2.86	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166426	0.00137	2.88	2.88	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166426	0.00138	3.17	3.17	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166426	0.00146	3.47	3.47	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166426	0.00167	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166426	0.00206	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166426	0.00259	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166426	0.00318	3.56	3.56	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166426	0.00374	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166426	0.00419	3.07	3.07	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166426	0.00463	2.98	2.98	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166426	0.00448	3.01	3.01	1.5	ANNUAL	DPM	5

UCART1	552464.8	4166426	0.0043	2.94	2.94	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166426	0.0041	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166426	0.00385	3.35	3.35	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166426	0.0036	3.92	3.92	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166426	0.00337	3.99	3.99	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166426	0.00314	4.12	4.12	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166446	0.00027	4.03	4.03	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166446	0.0003	3.96	8.39	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166446	0.00034	3.65	8.39	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166446	0.00039	3.6	8.39	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166446	0.00044	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166446	0.0005	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166446	0.00058	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166446	0.00068	3.87	3.87	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166446	0.00081	3.75	3.75	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166446	0.0011	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166446	0.00119	3.83	3.83	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166446	0.00129	3.82	3.82	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166446	0.00139	3.47	3.47	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166446	0.00148	3.21	3.21	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166446	0.00155	3.22	3.22	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166446	0.00164	3.25	3.25	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166446	0.00174	3.12	3.12	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166446	0.00185	2.94	2.94	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166446	0.00195	3.22	3.22	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166446	0.00214	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166446	0.0026	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166446	0.00341	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166446	0.00434	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166446	0.00511	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166446	0.00565	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166446	0.00598	3.09	3.09	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166446	0.0056	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166446	0.0053	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166446	0.00499	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166446	0.00466	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166446	0.0043	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166446	0.00397	3.75	3.75	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166446	0.00367	3.86	3.86	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166446	0.00338	4.01	4.01	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166466	0.00027	4.37	4.37	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166466	0.0003	4.91	8.39	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166466	0.00033	5.72	8.39	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166466	0.00038	5.25	8.39	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166466	0.00043	4.08	8.39	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166466	0.00051	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166466	0.00058	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166466	0.00068	3.83	3.83	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166466	0.00082	3.75	3.75	1.5	ANNUAL	DPM	5

UCART1	552024.8	4166466	0.00119	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166466	0.00132	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166466	0.00146	3.73	3.73	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166466	0.0016	3.65	3.65	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166466	0.00173	3.36	3.36	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166466	0.00187	3.34	3.34	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166466	0.00203	3.38	3.38	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166466	0.00226	3.27	3.27	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166466	0.0026	3	3	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166466	0.00301	3.18	3.18	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166466	0.00353	3.42	3.42	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166466	0.00477	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552264.8	4166466	0.00637	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166466	0.0075	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166466	0.00806	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166466	0.00829	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166466	0.00827	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166466	0.00664	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166466	0.00614	3.2	3.2	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166466	0.00568	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166466	0.00522	2.81	2.81	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166466	0.00474	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166466	0.00432	3.61	3.61	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166466	0.00394	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166486	0.00026	4.93	4.93	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166486	0.00029	6.14	8.39	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166486	0.00031	8.08	8.08	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166486	0.00036	7.1	7.1	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166486	0.00043	4.75	7.05	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166486	0.0005	3.32	7.05	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166486	0.00059	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166486	0.00069	3.78	3.78	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166486	0.00083	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166486	0.00126	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166486	0.00144	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166486	0.00165	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166486	0.00184	3.86	3.86	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166486	0.00205	3.54	3.54	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166486	0.00228	3.39	3.39	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166486	0.00259	3.4	3.4	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166486	0.0031	3.37	3.37	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166486	0.00395	3.06	3.06	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166486	0.00516	3.06	3.06	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166486	0.0083	3.27	3.27	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166486	0.01092	3.4	3.4	1.5	ANNUAL	DPM	5
Term131S	552264.8	4166486	0.01203	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166486	0.01234	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166486	0.01216	3.56	3.56	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166486	0.01176	3.39	3.39	1.5	ANNUAL	DPM	5

UCART1	552344.8	4166486	0.01105	3.2	3.2	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166486	0.00773	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166486	0.00699	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166486	0.00634	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166486	0.00574	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166486	0.00516	3.23	3.23	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166486	0.00464	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166486	0.00418	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166506	0.00026	4.76	4.76	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166506	0.00029	5.64	5.64	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166506	0.00031	7	7	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166506	0.00037	5.3	8.39	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166506	0.00043	4.02	7.05	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166506	0.0005	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166506	0.00059	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166506	0.00069	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166506	0.00083	3.49	3.49	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166506	0.00103	3.46	3.46	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166506	0.00133	3.56	3.56	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166506	0.00154	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166506	0.00186	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166506	0.00217	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166506	0.00248	3.49	3.49	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166506	0.00287	3.41	3.41	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166506	0.00356	3.37	3.37	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166506	0.0048	3.37	3.37	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166506	0.00682	3.18	3.18	1.5	ANNUAL	DPM	5
Term131S	552264.8	4166506	0.02175	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166506	0.01958	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166506	0.01788	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166506	0.01597	3.35	3.35	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166506	0.01416	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166506	0.00882	3.13	3.13	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166506	0.00783	3.17	3.17	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166506	0.00698	3.01	3.01	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166506	0.00622	2.84	2.84	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166506	0.00551	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166506	0.0049	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166506	0.00437	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166526	0.00025	4.47	4.47	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166526	0.00028	5.15	5.15	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166526	0.00032	5.83	5.83	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166526	0.00037	4.58	4.58	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166526	0.00042	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166526	0.00049	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166526	0.00058	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166526	0.00069	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166526	0.00083	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166526	0.00103	3.51	3.51	1.5	ANNUAL	DPM	5

UCART1	552044.8	4166526	0.00162	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166526	0.00203	3.61	3.61	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166526	0.00257	3.47	3.47	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166526	0.00313	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166526	0.00407	3.41	3.41	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166526	0.00649	3.34	3.34	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166526	0.01025	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166526	0.0299	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166526	0.02428	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166526	0.02036	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166526	0.01737	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166526	0.00985	3.01	3.01	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166526	0.0086	3	3	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166526	0.00754	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166526	0.00662	2.73	2.73	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166526	0.0058	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166526	0.0051	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166526	0.00401	4.08	4.08	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166546	0.00025	4.12	4.12	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166546	0.00028	4.64	4.64	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166546	0.00032	4.64	4.64	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166546	0.00036	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166546	0.00042	4.09	4.09	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166546	0.00049	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166546	0.00057	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166546	0.00068	3.65	3.65	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166546	0.00082	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166546	0.00102	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166546	0.00168	3.8	3.8	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166546	0.00215	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166546	0.00295	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166546	0.03675	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166546	0.02952	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166546	0.0244	3.04	3.04	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166546	0.02044	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166546	0.01072	2.82	2.82	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166546	0.00922	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166546	0.00797	2.63	2.63	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166546	0.00692	2.56	2.56	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166546	0.00601	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166546	0.00523	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166546	0.00408	3.87	3.87	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166566	0.00025	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166566	0.00028	3.85	3.85	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166566	0.00031	4.08	4.08	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166566	0.00036	4.2	4.2	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166566	0.00041	3.87	3.87	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166566	0.00048	3.62	3.62	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166566	0.00057	3.6	3.6	1.5	ANNUAL	DPM	5

UCART1	551964.8	4166566	0.00068	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166566	0.00082	3.69	3.69	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166566	0.00103	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166566	0.00175	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166566	0.00231	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166566	0.00338	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166566	0.03322	3.09	3.09	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166566	0.02747	2.93	2.93	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166566	0.02289	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166566	0.01129	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166566	0.00959	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166566	0.00821	2.62	2.62	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166566	0.00707	2.61	2.61	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166566	0.00609	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166566	0.00464	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166566	0.0041	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166586	0.00028	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166586	0.00031	3.66	3.66	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166586	0.00035	3.82	3.82	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166586	0.00041	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166586	0.00048	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166586	0.00056	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166586	0.00068	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166586	0.00083	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166586	0.00104	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166586	0.00133	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166586	0.00184	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166586	0.0025	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166586	0.00379	3.09	3.09	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166586	0.0066	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166586	0.03631	3	3	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166586	0.02963	2.83	2.83	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166586	0.02448	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166586	0.01155	2.73	2.73	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166586	0.00971	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166586	0.00826	2.62	2.62	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166586	0.00706	2.73	2.73	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166586	0.00605	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166586	0.00461	3.86	3.86	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166586	0.00408	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166606	0.00022	4.01	4.01	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166606	0.00027	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166606	0.00031	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166606	0.00035	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166606	0.00041	3.49	3.49	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166606	0.00047	3.49	3.49	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166606	0.00056	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166606	0.00068	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166606	0.00083	3.18	3.18	1.5	ANNUAL	DPM	5

UCART1	552004.8	4166606	0.00106	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166606	0.00139	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166606	0.0019	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166606	0.00269	3.26	3.26	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166606	0.00396	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166606	0.00663	3.23	3.23	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166606	0.03865	2.96	2.96	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166606	0.03113	2.71	2.71	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166606	0.02523	2.74	2.74	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166606	0.01386	2.47	2.47	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166606	0.01147	2.54	2.54	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166606	0.00961	2.55	2.55	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166606	0.00813	2.58	2.58	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166606	0.00692	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166606	0.00517	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166606	0.00453	3.86	3.86	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166606	0.00401	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166626	0.00022	4.01	4.01	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166626	0.00027	3.04	3.04	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166626	0.00031	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166626	0.00035	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166626	0.0004	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166626	0.00047	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166626	0.00056	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166626	0.00068	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166626	0.00085	2.96	2.96	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166626	0.00108	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166626	0.00144	2.93	2.93	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166626	0.00285	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166626	0.00406	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166626	0.00652	3.07	3.07	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166626	0.04016	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166626	0.03191	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166626	0.02518	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166626	0.01339	2.45	2.45	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166626	0.01105	2.48	2.48	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166626	0.00926	2.46	2.46	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166626	0.00782	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166626	0.00666	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166626	0.00502	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166626	0.00442	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166626	0.00391	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166646	0.00022	3.84	3.84	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166646	0.00027	3.16	3.16	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166646	0.00031	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166646	0.00035	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166646	0.00041	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166646	0.00047	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166646	0.00057	3.42	3.42	1.5	ANNUAL	DPM	5

UCART1	551964.8	4166646	0.00069	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166646	0.00086	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166646	0.00111	2.97	2.97	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166646	0.0015	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166646	0.00293	2.65	2.65	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166646	0.00408	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166646	0.00626	2.94	2.94	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166646	0.0389	2.96	2.96	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166646	0.03054	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166646	0.02398	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166646	0.0125	2.44	2.44	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166646	0.01036	2.43	2.43	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166646	0.00871	2.42	2.42	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166646	0.00737	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166646	0.00546	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166646	0.00481	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166646	0.00424	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166646	0.00377	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166666	0.00022	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166666	0.00027	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166666	0.00031	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166666	0.00035	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166666	0.00041	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166666	0.00048	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166666	0.00058	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166666	0.00071	3.13	3.13	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166666	0.00089	3.2	3.2	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166666	0.00115	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166666	0.00155	3	3	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166666	0.00291	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166666	0.004	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166666	0.00591	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166666	0.03532	3.01	3.01	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166666	0.02745	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166666	0.02139	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166666	0.01129	2.45	2.45	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166666	0.00945	2.33	2.33	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166666	0.00799	2.48	2.48	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166666	0.00679	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166666	0.00512	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166666	0.00453	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166666	0.00401	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166666	0.00358	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166686	0.00022	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166686	0.00031	3	3	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166686	0.00036	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166686	0.00042	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166686	0.00049	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166686	0.00059	3.2	3.2	1.5	ANNUAL	DPM	5

UCART1	551964.8	4166686	0.00073	3.02	3.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166686	0.00093	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166686	0.0012	2.97	2.97	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166686	0.00158	2.94	2.94	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166686	0.00211	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166686	0.00288	2.78	2.78	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166686	0.00385	2.77	2.77	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166686	0.00547	2.77	2.77	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166686	0.00824	3.02	3.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166686	0.02898	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166686	0.02231	2.57	320.02	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166686	0.01765	2.75	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166686	0.00985	2.54	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166686	0.00835	2.47	320.02	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166686	0.00713	2.66	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166686	0.00536	3.19	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166686	0.00473	3.09	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166686	0.0042	3.08	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166686	0.00374	3.35	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166686	0.00335	3.47	320.02	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166706	0.00022	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166706	0.00024	3.66	3.66	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166706	0.00031	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166706	0.00036	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166706	0.00043	2.94	2.94	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166706	0.00051	3.05	3.05	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166706	0.00062	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166706	0.00077	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166706	0.00097	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166706	0.00124	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166706	0.0016	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166706	0.0021	2.88	2.88	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166706	0.0037	2.67	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166706	0.00504	2.79	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166706	0.0069	3	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166706	0.019	2.45	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166706	0.01846	2.46	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166706	0.02105	2.57	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166706	0.0198	2.51	320.02	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166706	0.01633	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166706	0.01363	2.69	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166706	0.0083	2.62	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166706	0.00715	2.71	320.02	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166706	0.00621	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166706	0.00482	2.95	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166706	0.00429	2.88	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166706	0.00383	3.06	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166706	0.00344	3.24	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166706	0.0031	3.38	320.02	1.5	ANNUAL	DPM	5

UCART1	551804.8	4166726	0.00022	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166726	0.00025	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166726	0.00032	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166726	0.00037	2.88	2.88	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166726	0.00044	2.83	2.83	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166726	0.00053	2.98	2.98	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166726	0.00064	3.08	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166726	0.0008	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166726	0.001	2.85	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166726	0.00127	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166726	0.00161	2.88	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166726	0.00206	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166726	0.00353	2.57	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166726	0.00453	3.06	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166726	0.00587	3.32	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166726	0.00828	3.15	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166726	0.01515	2.73	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166726	0.01343	2.47	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166726	0.01327	2.29	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166726	0.01312	2.34	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166726	0.01308	2.41	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166726	0.01311	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166726	0.013	2.33	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166726	0.01251	2.37	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166726	0.00683	2.54	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166726	0.00596	3.07	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166726	0.00425	2.82	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166726	0.00384	2.75	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166726	0.00346	2.95	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166726	0.00313	3.19	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166726	0.00285	3.2	320.02	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166746	0.00033	3.33	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166746	0.00038	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166746	0.00046	2.72	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166746	0.00055	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166746	0.00067	2.93	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166746	0.00082	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166746	0.00102	2.93	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166746	0.00128	2.84	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166746	0.0016	2.82	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166746	0.00202	2.8	320.02	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166746	0.00328	2.64	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166746	0.00403	3.16	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166746	0.00499	3.29	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166746	0.00643	3.12	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166746	0.00909	2.82	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166746	0.00918	2.61	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166746	0.00932	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166746	0.00937	2.44	320.02	1.5	ANNUAL	DPM	5

UCART1	552244.8	4166746	0.00928	2.44	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166746	0.00905	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166746	0.00881	2.3	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166746	0.00853	2.35	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166746	0.00552	2.61	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166746	0.00491	3.27	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166746	0.00407	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166746	0.00371	2.74	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166746	0.00338	2.76	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166746	0.00307	3.16	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166746	0.00279	3.59	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166746	0.00257	3.44	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166766	0.00029	3.59	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166766	0.0004	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166766	0.00047	2.68	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166766	0.00057	2.71	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166766	0.00069	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166766	0.00084	3.16	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166766	0.00104	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166766	0.00128	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166766	0.00157	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166766	0.00195	2.74	320.02	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166766	0.003	2.73	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166766	0.00353	3.13	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166766	0.00417	3.12	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166766	0.00493	3.02	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166766	0.00561	2.94	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166766	0.00611	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166766	0.00647	2.75	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166766	0.00666	2.6	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166766	0.00665	2.54	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166766	0.00653	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166766	0.00638	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166766	0.0062	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166766	0.00444	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166766	0.00404	3.35	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166766	0.00348	2.72	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166766	0.00321	2.69	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166766	0.00295	2.87	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166766	0.00269	3.52	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166766	0.00247	4.2	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166766	0.00229	3.92	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166786	0.0003	3.63	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166786	0.00041	3.02	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166786	0.00049	2.83	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166786	0.00059	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166786	0.00071	3.1	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166786	0.00085	3.46	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166786	0.00104	2.97	320.02	1.5	ANNUAL	DPM	5

UCART1	552004.8	4166786	0.00126	3.05	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166786	0.00152	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166786	0.00185	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166786	0.00223	2.8	320.02	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166786	0.00271	2.74	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166786	0.00309	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166786	0.00348	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166786	0.00387	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166786	0.00423	3.05	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166786	0.00453	2.9	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166786	0.00479	2.54	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166786	0.00491	2.51	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166786	0.00492	2.59	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166786	0.00485	2.68	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166786	0.00475	2.69	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166786	0.00466	2.52	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166786	0.00298	2.63	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166786	0.00276	2.82	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166786	0.00255	3.25	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166786	0.00237	3.55	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166786	0.0022	3.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166786	0.00205	3.77	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166806	0.00031	3.63	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166806	0.00043	3.38	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166806	0.00051	3.23	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166806	0.0006	3.22	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166806	0.00072	3.32	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166806	0.00086	3.37	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166806	0.00104	2.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166806	0.00123	3.01	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166806	0.00146	3.02	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166806	0.00173	2.93	320.02	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166806	0.00204	2.83	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166806	0.00265	2.82	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166806	0.00289	2.95	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166806	0.00313	3.08	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166806	0.00333	3.12	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166806	0.00351	3.01	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166806	0.00368	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166806	0.00375	2.52	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166806	0.00376	2.61	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166806	0.00373	2.7	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166806	0.00367	2.73	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166806	0.00363	2.53	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166806	0.00296	3.47	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166806	0.00283	2.98	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166806	0.00255	2.52	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166806	0.00239	2.74	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166806	0.00222	3.17	320.02	1.5	ANNUAL	DPM	5

UCART1	552524.8	4166806	0.00209	3.32	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166806	0.00195	3.59	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166806	0.00184	3.52	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166826	0.00032	3.59	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166826	0.00044	3.73	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166826	0.00052	3.69	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166826	0.00061	3.63	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166826	0.00073	3.52	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166826	0.00086	3.21	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166826	0.00102	2.87	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166826	0.00119	2.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166826	0.00138	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166826	0.00159	2.96	320.02	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166826	0.00183	2.85	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166826	0.00228	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166826	0.00242	3.15	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166826	0.00257	3.18	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166826	0.00269	3.15	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166826	0.0028	3.11	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166826	0.00291	2.58	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166826	0.00295	2.58	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166826	0.00297	2.59	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166826	0.00295	2.61	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166826	0.00293	2.62	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166826	0.0029	2.45	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166826	0.00243	3.92	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166826	0.00237	2.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166826	0.00219	2.42	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166826	0.00206	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166826	0.00195	2.71	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166826	0.00184	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166826	0.00173	3.25	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166826	0.00164	3.18	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166846	0.00033	3.44	320.02	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166846	0.00039	3.53	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166846	0.00053	3.96	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166846	0.00062	3.9	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166846	0.00073	3.68	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166846	0.00085	3.42	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166846	0.00099	3.02	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166846	0.00114	2.92	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166846	0.00129	3	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166846	0.00145	3.02	320.02	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166846	0.00163	2.87	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166846	0.00199	2.67	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166846	0.00207	2.88	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166846	0.00215	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166846	0.00222	3.05	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166846	0.00228	3.18	320.02	1.5	ANNUAL	DPM	5

UCART1	552204.8	4166846	0.00235	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166846	0.00239	2.62	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166846	0.0024	2.53	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166846	0.0024	2.51	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166846	0.00238	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166846	0.00237	2.44	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166846	0.00211	2.41	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166846	0.00202	2.58	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166846	0.00187	2.46	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166846	0.00178	2.58	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166846	0.00169	2.79	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166846	0.00161	2.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166846	0.00153	3.04	320.02	1.5	ANNUAL	DPM	5
UCART2	551904.6	4166869	0.00054	4.03	320.02	1.5	ANNUAL	DPM	5
UCART2	551924.6	4166869	0.00062	4.05	320.02	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166869	0.00072	3.81	320.02	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166869	0.00082	3.53	320.02	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166869	0.00094	3.22	320.02	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166869	0.00106	2.92	320.02	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166869	0.00118	3.02	320.02	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166869	0.0013	3.06	320.02	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166869	0.00142	2.84	320.02	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166869	0.00154	2.67	320.02	1.5	ANNUAL	DPM	5
UCART2	552104.6	4166869	0.00171	2.75	320.02	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166869	0.00175	2.87	320.02	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166869	0.00178	2.96	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166869	0.00182	3.04	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166869	0.00185	3.15	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166869	0.00189	3.03	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166869	0.00192	2.8	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166869	0.00193	2.59	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166869	0.00194	2.47	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166869	0.00193	2.45	320.02	1.5	ANNUAL	DPM	5
UCART2	552304.6	4166869	0.00193	2.45	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166869	0.0018	2.66	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166869	0.00178	2.02	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166869	0.0017	2.48	320.02	1.5	ANNUAL	DPM	5
UCART2	552464.6	4166869	0.00159	2.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166869	0.00152	2.66	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166869	0.00145	2.85	320.02	1.5	ANNUAL	DPM	5
UCART2	552524.6	4166869	0.00139	3.01	320.02	1.5	ANNUAL	DPM	5
UCART2	552544.6	4166869	0.00133	2.99	320.02	1.5	ANNUAL	DPM	5
UCART2	551884.6	4166889	0.00047	3.59	356.4	1.5	ANNUAL	DPM	5
UCART2	551924.6	4166889	0.00062	4.08	320.02	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166889	0.0007	3.83	320.02	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166889	0.00079	3.51	320.02	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166889	0.00089	3.33	320.02	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166889	0.00099	2.95	320.02	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166889	0.00108	3.05	320.02	1.5	ANNUAL	DPM	5

UCART2	552044.6	4166889	0.00117	3.08	320.02	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166889	0.00126	2.83	320.02	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166889	0.00137	2.75	320.02	1.5	ANNUAL	DPM	5
UCART2	552104.6	4166889	0.00151	2.97	320.02	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166889	0.00152	2.99	320.02	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166889	0.00153	3.02	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166889	0.00155	3.08	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166889	0.00157	3.07	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166889	0.00159	3.2	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166889	0.00161	3.02	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166889	0.00162	2.74	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166889	0.00163	2.55	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166889	0.00163	2.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552304.6	4166889	0.00163	2.52	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166889	0.00158	2.72	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166889	0.00152	2.57	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166889	0.00147	2.6	320.02	1.5	ANNUAL	DPM	5
UCART2	552464.6	4166889	0.00138	2.61	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166889	0.00132	2.7	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166889	0.00127	2.88	320.02	1.5	ANNUAL	DPM	5
UCART2	552524.6	4166889	0.00122	3.12	320.02	1.5	ANNUAL	DPM	5
UCART2	551924.6	4166909	0.00061	3.97	356.4	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166909	0.00068	3.62	356.4	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166909	0.00076	3.34	356.4	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166909	0.00083	3.25	356.4	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166909	0.00091	3.13	345.72	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166909	0.00098	3.09	320.02	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166909	0.00105	3.05	320.02	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166909	0.00112	2.99	320.02	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166909	0.0012	2.94	320.02	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166909	0.00133	2.94	320.02	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166909	0.00133	3.07	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166909	0.00134	3.11	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166909	0.00135	3.01	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166909	0.00136	3.1	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166909	0.00137	3.17	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166909	0.00138	3.15	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166909	0.00138	3.12	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166909	0.00138	3.08	320.02	1.5	ANNUAL	DPM	5
UCART2	552304.6	4166909	0.0014	2.87	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166909	0.00138	2.72	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166909	0.00132	2.84	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166909	0.00128	2.91	320.02	1.5	ANNUAL	DPM	5
UCART2	552464.6	4166909	0.00121	2.7	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166909	0.00117	2.58	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166909	0.00112	2.79	320.02	1.5	ANNUAL	DPM	5
UCART2	552524.6	4166909	0.00108	3.04	320.02	1.5	ANNUAL	DPM	5
UCART2	551904.6	4166929	0.00053	3.93	356.88	1.5	ANNUAL	DPM	5
UCART2	551924.6	4166929	0.00059	3.89	356.88	1.5	ANNUAL	DPM	5

UCART2	551944.6	4166929	0.00065	3.65	356.88	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166929	0.00072	3.52	356.88	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166929	0.00078	3.22	356.4	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166929	0.00083	3.18	356.4	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166929	0.00089	3.14	356.4	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166929	0.00094	3.08	356.4	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166929	0.00099	3.03	356.4	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166929	0.00106	2.98	320.02	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166929	0.00119	2.95	320.02	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166929	0.00117	3.05	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166929	0.00117	3.11	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166929	0.00117	3.14	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166929	0.00118	3.29	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166929	0.00118	3.4	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166929	0.00118	3.48	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166929	0.00119	3.5	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166929	0.00119	3.43	320.02	1.5	ANNUAL	DPM	5
UCART2	552304.6	4166929	0.00121	3.36	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166929	0.00121	2.77	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166929	0.00116	2.93	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166929	0.00112	3	320.02	1.5	ANNUAL	DPM	5
UCART2	552464.6	4166929	0.00107	2.83	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166929	0.00103	2.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166929	0.001	2.7	320.02	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166949	0.00062	3.84	356.88	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166949	0.00067	3.8	356.88	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166949	0.00072	3.23	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166949	0.00076	3.19	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166949	0.0008	3.21	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166949	0.00085	3.15	356.4	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166949	0.00089	3.03	356.4	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166949	0.00094	2.97	356.4	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166949	0.00106	2.98	345.72	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166949	0.00104	3.04	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166949	0.00104	3.11	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166949	0.00103	3.32	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166949	0.00103	3.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166949	0.00103	3.63	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166949	0.00103	3.7	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166949	0.00104	3.64	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166949	0.00105	3.57	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166949	0.00107	2.84	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166949	0.00103	2.86	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166949	0.001	2.88	320.02	1.5	ANNUAL	DPM	5
UCART2	552464.6	4166949	0.00095	3.01	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166949	0.00092	2.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166949	0.00089	2.62	320.02	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166969	0.00058	4.26	356.88	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166969	0.00062	3.85	356.88	1.5	ANNUAL	DPM	5

UCART2	551984.6	4166969	0.00066	3.49	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166969	0.0007	3.35	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166969	0.00073	3.37	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166969	0.00076	3.28	356.88	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166969	0.0008	3.16	356.88	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166969	0.00083	3.3	356.88	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166969	0.00097	3.09	356.4	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166969	0.00094	3.29	356.4	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166969	0.00092	3.24	356.4	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166969	0.00092	2.91	345.72	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166969	0.00096	2.19	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166969	0.00095	3.01	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166969	0.00092	3.05	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166969	0.00089	3.54	320.02	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166989	0.00058	4.16	356.88	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166989	0.00061	3.67	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166989	0.00063	3.5	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166989	0.00066	3.48	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166989	0.00069	3.41	356.88	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166989	0.00071	3.34	356.88	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166989	0.00074	3.5	356.88	1.5	ANNUAL	DPM	5
UCART2	552104.6	4166989	0.00079	3.14	356.88	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166989	0.00089	3.09	356.88	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166989	0.00086	2.83	356.88	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166989	0.00083	2.19	356.4	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166989	0.00082	3.33	345.72	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166989	0.00083	3.13	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166989	0.00084	2.47	320.02	1.5	ANNUAL	DPM	5
UCART2	552364.6	4166989	0.00089	3.32	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166989	0.00086	2.74	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166989	0.00082	3.08	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166989	0.0008	3.48	320.02	1.5	ANNUAL	DPM	5
UCART2	551964.6	4167009	0.00053	4.62	356.88	1.5	ANNUAL	DPM	5
UCART2	551984.6	4167009	0.00056	3.8	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4167009	0.00058	3.64	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4167009	0.0006	3.55	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4167009	0.00062	3.54	356.88	1.5	ANNUAL	DPM	5
UCART2	552064.6	4167009	0.00064	3.56	356.88	1.5	ANNUAL	DPM	5
UCART2	552084.6	4167009	0.00067	3.58	356.88	1.5	ANNUAL	DPM	5
UCART2	552104.6	4167009	0.0007	3.57	356.88	1.5	ANNUAL	DPM	5
UCART2	552184.6	4167009	0.00074	3.64	356.88	1.5	ANNUAL	DPM	5
UCART2	552204.6	4167009	0.00074	3.57	356.4	1.5	ANNUAL	DPM	5
UCART2	552224.6	4167009	0.00073	4.03	356.4	1.5	ANNUAL	DPM	5
UCART2	552244.6	4167009	0.00073	4.2	348.95	1.5	ANNUAL	DPM	5
UCART2	552264.6	4167009	0.00074	4.36	320.02	1.5	ANNUAL	DPM	5
UCART2	551984.6	4167029	0.00051	4.15	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4167029	0.00053	3.82	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4167029	0.00055	3.55	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4167029	0.00056	3.58	356.88	1.5	ANNUAL	DPM	5

UCART2	552064.6	4167029	0.00058	3.56	356.88	1.5	ANNUAL	DPM	5
UCART2	552084.6	4167029	0.00061	2.77	356.88	1.5	ANNUAL	DPM	5
UCART2	552144.6	4167029	0.00072	3.29	356.88	1.5	ANNUAL	DPM	5
UCART2	552164.6	4167029	0.0007	3.03	356.88	1.5	ANNUAL	DPM	5
UCART2	552184.6	4167029	0.00067	3.98	356.88	1.5	ANNUAL	DPM	5
UCART2	552204.6	4167029	0.00067	3.96	356.88	1.5	ANNUAL	DPM	5
UCART2	552224.6	4167029	0.00067	3.93	356.88	1.5	ANNUAL	DPM	5
UCART2	552244.6	4167029	0.00067	4.07	356.4	1.5	ANNUAL	DPM	5
UCART2	551984.6	4167049	0.00047	4.63	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4167049	0.00049	3.92	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4167049	0.0005	3.36	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4167049	0.00052	3.04	356.88	1.5	ANNUAL	DPM	5
UCART2	552064.6	4167049	0.00053	2.79	356.88	1.5	ANNUAL	DPM	5
UCART2	552144.6	4167049	0.00067	3.84	356.88	1.5	ANNUAL	DPM	5
UCART2	552164.6	4167049	0.00064	3.61	356.88	1.5	ANNUAL	DPM	5
UCART2	552184.6	4167049	0.00062	4.13	356.88	1.5	ANNUAL	DPM	5
UCART2	552204.6	4167049	0.00061	4.14	356.88	1.5	ANNUAL	DPM	5
UCART2	552224.6	4167049	0.00062	3.85	356.88	1.5	ANNUAL	DPM	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Num Years
UCART1	552064.8	4166026	0.00066	4.6	4.6	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166026	0.00071	4.06	4.06	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166026	0.00076	3.76	3.76	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166026	0.0008	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166026	0.00084	3.84	3.84	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166026	0.00089	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166026	0.00093	3.35	3.35	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166026	0.00096	3.16	3.16	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166026	0.001	3	3	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166026	0.00103	2.93	2.93	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166026	0.00105	2.94	2.94	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166026	0.00109	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166026	0.00113	2.98	2.98	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166026	0.00119	3.02	3.02	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166026	0.00129	2.88	2.88	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166026	0.00148	2.63	2.63	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166046	0.00085	3.83	3.83	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166046	0.00092	3.66	3.66	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166046	0.00097	3.73	3.73	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166046	0.00102	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166046	0.00106	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166046	0.00109	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166046	0.00112	3.46	3.46	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166046	0.00114	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166046	0.00116	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166046	0.00118	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166046	0.0012	3.04	3.04	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166046	0.00122	3.2	3.2	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166046	0.00126	3.03	3.03	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166046	0.00134	2.68	2.68	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166046	0.00147	2.44	2.44	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166046	0.00175	2.37	2.37	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166066	0.00079	4.58	4.58	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166066	0.00081	4.32	4.32	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166066	0.00083	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166066	0.00086	4.1	4.1	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166066	0.00091	3.84	3.84	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166066	0.00098	3.7	3.7	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166066	0.00106	3.7	3.7	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166066	0.00114	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166066	0.00122	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166066	0.00127	3.76	3.76	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166066	0.0013	3.7	3.7	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166066	0.00133	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166066	0.00135	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166066	0.00136	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166066	0.00136	3.29	3.29	1.5	ANNUAL	PM25_28	5

UCART1	552224.8	4166066	0.00136	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166066	0.00135	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166066	0.00135	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166066	0.00135	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166066	0.0014	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166066	0.00149	2.56	2.56	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166066	0.00166	2.3	2.3	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166066	0.00205	2.29	2.29	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166086	0.00095	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166086	0.00099	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166086	0.00104	4.65	4.65	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166086	0.00114	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166086	0.00127	3.82	3.82	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166086	0.0014	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166086	0.0015	3.65	3.65	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166086	0.00159	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166086	0.00164	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166086	0.00167	3.79	3.79	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166086	0.00169	3.73	3.73	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166086	0.00169	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166086	0.00167	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166086	0.00165	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166086	0.00162	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166086	0.00157	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166086	0.00153	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166086	0.0015	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166086	0.00149	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166086	0.00154	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166086	0.00165	2.59	2.59	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166086	0.00187	2.38	2.38	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166086	0.00235	2.34	2.34	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166086	0.00442	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166086	0.00358	3	3	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166086	0.003	2.42	2.42	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166086	0.00255	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166086	0.00221	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166086	0.00197	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166106	0.00103	4.88	4.88	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166106	0.0011	4.68	4.68	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166106	0.00118	4.62	4.62	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166106	0.00126	4.94	4.94	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166106	0.00141	5.06	5.06	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166106	0.00166	4.8	4.8	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166106	0.00194	4.16	4.16	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166106	0.00213	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166106	0.00222	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166106	0.00226	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166106	0.00225	3.79	3.79	1.5	ANNUAL	PM25_28	5

UCART1	552104.8	4166106	0.00224	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166106	0.00222	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166106	0.00216	3.82	3.82	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166106	0.00208	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166106	0.002	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166106	0.0019	2.54	2.54	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166106	0.0018	2.4	2.4	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166106	0.00172	2.44	2.44	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166106	0.00167	2.61	2.61	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166106	0.00164	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166106	0.00169	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166106	0.0018	2.78	2.78	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166106	0.00207	2.59	2.59	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166106	0.00263	2.47	2.47	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166106	0.00446	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166106	0.00365	2.84	2.84	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166106	0.00307	2.61	2.61	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166106	0.00264	2.68	2.68	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166106	0.00232	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166106	0.00208	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166126	0.00108	4.78	4.78	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166126	0.00125	4.77	4.77	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166126	0.00141	4.62	4.62	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166126	0.00157	4.62	4.62	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166126	0.00182	5	5	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166126	0.0023	5.31	5.31	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166126	0.00283	5.06	5.06	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166126	0.0032	4.41	4.41	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166126	0.00338	3.8	3.8	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166126	0.00338	3.46	3.46	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166126	0.0033	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166126	0.00319	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166126	0.0031	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166126	0.00297	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166126	0.00278	3.92	3.92	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166126	0.00256	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166126	0.00236	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166126	0.00217	2.4	2.4	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166126	0.00202	2.26	2.26	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166126	0.0019	2.26	2.26	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166126	0.00183	2.35	2.35	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166126	0.0018	2.93	2.93	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166126	0.00183	2.78	2.78	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166126	0.00196	2.71	2.71	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166126	0.00225	2.58	2.58	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166126	0.00287	2.58	2.58	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166126	0.00449	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166126	0.00371	2.77	2.77	1.5	ANNUAL	PM25_28	5

UCART1	552504.8	4166126	0.00314	2.74	2.74	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166126	0.00273	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166126	0.00242	2.75	2.75	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166126	0.00219	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166146	0.00103	4.84	4.84	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166146	0.00124	4.67	4.67	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166146	0.00157	4.62	4.62	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166146	0.00198	4.54	4.54	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166146	0.00251	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166146	0.00385	4.83	4.83	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166146	0.00483	5.39	5.39	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166146	0.00534	5.1	5.1	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166146	0.00557	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166146	0.00561	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166146	0.00547	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166146	0.00516	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166146	0.00483	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166146	0.00451	3.6	3.6	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166146	0.00403	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166146	0.0035	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166146	0.00305	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166146	0.00272	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166146	0.00244	2.61	2.61	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166146	0.00223	2.65	2.65	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166146	0.00208	2.6	2.6	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166146	0.00199	2.45	2.45	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166146	0.00195	2.45	2.45	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166146	0.00198	2.53	2.53	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166146	0.00212	2.38	2.38	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166146	0.00242	2.35	2.35	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166146	0.00307	2.69	2.69	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166146	0.00454	2.64	2.64	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166146	0.00377	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166146	0.00321	2.81	2.81	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166146	0.00281	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166146	0.00252	2.87	2.87	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166146	0.0023	2.77	2.77	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166166	0.00093	4.89	4.89	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166166	0.00112	4.93	4.93	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166166	0.0014	4.86	4.86	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166166	0.00193	4.75	4.75	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166166	0.00961	4.38	4.38	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166166	0.01177	4.46	4.46	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166166	0.01031	4.25	4.25	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166166	0.01107	3.97	3.97	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166166	0.01113	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166166	0.01043	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166166	0.00943	3.38	3.38	1.5	ANNUAL	PM25_28	5

UCART1	552084.8	4166166	0.00834	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166166	0.00667	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166166	0.00525	3.3	3.3	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166166	0.00426	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166166	0.00356	3.09	3.09	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166166	0.00306	2.82	2.82	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166166	0.00269	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166166	0.00243	2.98	2.98	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166166	0.00224	2.97	2.97	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166166	0.00213	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166166	0.00209	2.62	2.62	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166166	0.00211	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166166	0.00225	2.68	2.68	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166166	0.00256	2.59	2.59	1.5	ANNUAL	PM25_28	5
UCART1	552364.8	4166166	0.00322	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166166	0.00568	2.78	2.78	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166166	0.00461	2.15	2.15	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166166	0.00386	2.39	2.39	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166166	0.0033	2.93	2.93	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166166	0.0029	3.05	3.05	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166166	0.00263	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166166	0.00243	2.84	2.84	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166186	0.00082	4.79	4.79	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166186	0.00098	4.87	4.87	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166186	0.0012	4.91	4.91	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166186	0.00156	4.81	4.81	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166186	0.0023	4.68	4.68	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166186	0.01028	4.43	4.43	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166186	0.00936	4.41	4.41	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166186	0.00942	4.15	4.15	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166186	0.00979	3.85	3.85	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166186	0.01032	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166186	0.01102	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166186	0.01065	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166186	0.01224	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166186	0.0083	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166186	0.00615	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166186	0.00482	3.02	3.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166186	0.00395	3.01	3.01	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166186	0.00334	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166186	0.00291	3.04	3.04	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166186	0.0026	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166186	0.00239	3.13	3.13	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166186	0.00227	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166186	0.00222	2.43	2.43	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166186	0.00224	2.44	2.44	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166186	0.00237	2.5	2.5	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166186	0.00269	2.51	2.51	1.5	ANNUAL	PM25_28	5

UCART1	552364.8	4166186	0.00335	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166186	0.00341	2.75	2.75	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166186	0.00304	2.74	2.74	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166186	0.00276	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166186	0.00257	2.96	2.96	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166206	0.00085	4.8	4.8	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166206	0.00102	4.89	4.89	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166206	0.00128	4.78	4.78	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166206	0.00173	4.57	4.57	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166206	0.00265	4.46	4.46	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166206	0.01031	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166206	0.00814	4.84	4.84	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166206	0.00732	4.36	4.36	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166206	0.00698	3.85	3.85	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166206	0.00691	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166206	0.00705	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166206	0.00762	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166206	0.01094	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166206	0.00818	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166206	0.00631	3.26	3.26	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166206	0.00503	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166206	0.00412	3.61	3.61	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166206	0.00351	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166206	0.00306	3.16	3.16	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166206	0.00274	3.07	3.07	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166206	0.00252	3.03	3.03	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166206	0.00238	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166206	0.00582	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166206	0.00477	2.12	2.12	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166206	0.00319	1.62	1.62	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166206	0.00294	2.52	2.52	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166206	0.00274	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166226	0.00087	4.64	4.64	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166226	0.00106	4.4	4.4	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166226	0.00137	4.18	4.18	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166226	0.00189	4.27	4.27	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166226	0.00739	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166226	0.00803	4.66	4.66	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166226	0.00683	4.32	4.32	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166226	0.00617	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166226	0.00588	3.79	3.79	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166226	0.00597	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166226	0.00686	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166226	0.00986	3.69	3.69	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166226	0.00762	3.77	3.77	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166226	0.00611	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166226	0.00502	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166226	0.0042	3.5	3.5	1.5	ANNUAL	PM25_28	5

UCART1	552184.8	4166226	0.00361	3.3	3.3	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166226	0.00586	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166226	0.0037	2.68	2.68	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166226	0.00337	2.44	2.44	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166226	0.00295	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166246	0.00089	4.53	4.53	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166246	0.00111	4.09	4.09	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166246	0.00145	3.83	3.83	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166246	0.00197	4.17	4.17	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166246	0.00284	4.33	4.33	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166246	0.00464	4.45	4.45	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166246	0.00533	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166246	0.00809	4.58	4.58	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166246	0.00666	4.41	4.41	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166246	0.00587	4.19	4.19	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166246	0.00552	4.1	4.1	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166246	0.00566	3.97	3.97	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166246	0.00688	3.76	3.76	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166246	0.00723	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166246	0.00932	3.73	3.73	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166246	0.00731	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166246	0.00595	3.66	3.66	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166246	0.00499	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166246	0.00425	2.96	2.96	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166246	0.0029	2.05	2.05	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166246	0.00267	2.49	2.49	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166246	0.00252	3.16	3.16	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166246	0.00246	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166246	0.00249	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166246	0.00264	3.17	3.17	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166246	0.00298	3.13	3.13	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166246	0.00736	3.35	3.35	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166246	0.00592	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166246	0.00495	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166246	0.00432	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166246	0.00386	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166246	0.00355	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166246	0.00336	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166266	0.00092	4.46	4.46	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166266	0.00115	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166266	0.00149	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166266	0.00196	4.26	4.26	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166266	0.00277	4.33	4.33	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166266	0.00447	4.42	4.42	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166266	0.00818	4.6	4.6	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166266	0.00666	4.67	4.67	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166266	0.00582	4.56	4.56	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166266	0.00546	4.43	4.43	1.5	ANNUAL	PM25_28	5

UCART1	552024.8	4166266	0.00564	4.25	4.25	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166266	0.00697	3.92	3.92	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166266	0.00923	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166266	0.00923	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166266	0.00727	3.62	3.62	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166266	0.00593	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166266	0.005	2.87	2.87	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166266	0.00324	2.78	2.78	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166266	0.00291	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166266	0.00269	3.13	3.13	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166266	0.00256	3.3	3.3	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166266	0.00251	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166266	0.00255	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166266	0.00272	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166266	0.00309	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166266	0.00748	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166266	0.00606	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166266	0.00513	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166266	0.00454	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166266	0.00411	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166266	0.00381	3.62	3.62	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166266	0.00361	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166266	0.00348	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166286	0.00095	4.36	4.36	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166286	0.00117	4.11	4.11	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166286	0.00147	4.23	4.23	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166286	0.00193	4.11	4.11	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166286	0.00266	4.18	4.18	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166286	0.00409	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166286	0.00885	4.49	4.49	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166286	0.00715	4.29	4.29	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166286	0.00614	4.28	4.28	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166286	0.00564	4.41	4.41	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166286	0.00577	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166286	0.00716	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166286	0.01235	3.56	3.56	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166286	0.00923	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166286	0.00732	3.49	3.49	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166286	0.00603	2.81	2.81	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166286	0.00366	2.55	2.55	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166286	0.00321	3.21	3.21	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166286	0.00291	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166286	0.00272	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166286	0.00261	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166286	0.00258	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166286	0.00264	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166286	0.00283	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166286	0.00324	3.25	3.25	1.5	ANNUAL	PM25_28	5

UCART1	552424.8	4166286	0.00759	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166286	0.00624	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166286	0.00537	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166286	0.00482	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166286	0.00442	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166286	0.00414	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166286	0.00395	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166286	0.00381	3.65	3.65	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166306	0.00069	5.27	5.27	1.5	ANNUAL	PM25_28	5
UCART1	551784.8	4166306	0.00081	4.78	4.78	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166306	0.00097	4.32	4.32	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166306	0.00118	4.26	4.26	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166306	0.00145	4.48	4.48	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166306	0.00188	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166306	0.0025	4	4	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166306	0.00358	4.2	4.2	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166306	0.00541	4.34	4.34	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166306	0.01054	4.36	4.36	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166306	0.008	4.09	4.09	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166306	0.00666	4.13	4.13	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166306	0.00596	4.36	4.36	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166306	0.00595	4.29	4.29	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166306	0.00723	3.95	3.95	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166306	0.00925	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166306	0.0095	3.11	3.11	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166306	0.00412	3.31	3.31	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166306	0.00357	3.33	3.33	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166306	0.00317	3.61	3.61	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166306	0.00291	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166306	0.00275	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166306	0.00267	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166306	0.00266	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166306	0.00274	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166306	0.00297	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166306	0.00342	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166306	0.00775	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166306	0.00651	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166306	0.00571	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166306	0.0052	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166306	0.00482	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166306	0.00455	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166306	0.00436	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166306	0.0042	3.66	3.66	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166326	0.00071	4.79	4.79	1.5	ANNUAL	PM25_28	5
UCART1	551784.8	4166326	0.00083	4.51	4.51	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166326	0.00098	4.35	4.35	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166326	0.00117	4.39	4.39	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166326	0.00143	4.3	4.3	1.5	ANNUAL	PM25_28	5

UCART1	551864.8	4166326	0.00182	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166326	0.00234	3.77	3.77	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166326	0.00315	4.09	4.09	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166326	0.00469	4.26	4.26	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166326	0.00905	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166326	0.0073	4.31	4.31	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166326	0.00638	4.29	4.29	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166326	0.00618	4.19	4.19	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166326	0.0071	4.03	4.03	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166326	0.00725	3.79	3.79	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166326	0.00586	2.72	2.72	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166326	0.00476	2.98	2.98	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166326	0.00402	3.29	3.29	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166326	0.00352	3.47	3.47	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166326	0.00315	4.02	4.02	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166326	0.00293	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166326	0.00281	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166326	0.00275	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166326	0.00277	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166326	0.0029	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166326	0.00316	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166326	0.00369	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166326	0.00807	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166326	0.00694	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166326	0.00621	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166326	0.00571	3.03	3.03	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166326	0.00532	3.35	3.35	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166326	0.00505	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166326	0.00483	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166326	0.00463	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166346	0.00073	4.79	4.79	1.5	ANNUAL	PM25_28	5
UCART1	551784.8	4166346	0.00084	4.59	4.59	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166346	0.00097	5.05	5.05	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166346	0.00113	5.62	5.62	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166346	0.00136	5.2	5.2	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166346	0.00169	4.5	4.5	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166346	0.00216	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166346	0.00281	4.08	4.08	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166346	0.00389	4.28	4.28	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166346	0.00506	4.17	4.17	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166346	0.01067	4.15	4.15	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166346	0.00813	4.34	4.34	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166346	0.00689	4.32	4.32	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166346	0.00641	4.18	4.18	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166346	0.00687	4.03	4.03	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166346	0.00919	2.83	2.83	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166346	0.00681	2.89	2.89	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166346	0.00544	3.13	3.13	1.5	ANNUAL	PM25_28	5

Term131S	552144.8	4166346	0.00455	3.24	3.24	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166346	0.00394	3.2	3.2	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166346	0.00351	3.38	3.38	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166346	0.00318	3.78	3.78	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166346	0.00299	3.6	3.6	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166346	0.00289	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166346	0.00287	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166346	0.00294	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166346	0.00311	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166346	0.00345	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166346	0.00408	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166346	0.00855	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166346	0.00751	3.15	3.15	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166346	0.00683	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166346	0.00633	2.81	2.81	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166346	0.0059	3.3	3.3	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166346	0.0056	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166346	0.00532	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166346	0.00507	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166366	0.00074	4.82	4.82	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166366	0.00097	5.3	5.3	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166366	0.00111	6.04	6.04	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166366	0.00132	5.49	5.49	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166366	0.0016	4.89	4.89	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166366	0.00201	4.05	4.05	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166366	0.00255	4.02	4.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166366	0.00338	4.2	4.2	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166366	0.00501	4.1	4.1	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166366	0.00922	4.23	4.23	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166366	0.00754	4.26	4.26	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166366	0.00673	4.13	4.13	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166366	0.00661	3.98	3.98	1.5	ANNUAL	PM25_28	5
Term131S	552064.8	4166366	0.00694	3.93	3.93	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166366	0.00654	3.53	3.53	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166366	0.00571	3.46	3.46	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166366	0.00497	3.4	3.4	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166366	0.00439	3.26	3.26	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166366	0.00392	3.08	3.08	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166366	0.00355	3.2	3.2	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166366	0.00328	3.39	3.39	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166366	0.00311	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166366	0.00303	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166366	0.00306	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166366	0.00319	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166366	0.00344	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166366	0.0039	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166366	0.00468	3.15	3.15	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166366	0.00925	3.33	3.33	1.5	ANNUAL	PM25_28	5

UCART1	552444.8	4166366	0.00826	3.17	3.17	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166366	0.00758	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166366	0.00705	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166366	0.00654	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166366	0.00617	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166366	0.00581	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166366	0.0055	3.68	3.68	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166386	0.00075	4.81	4.81	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166386	0.00098	4.48	4.48	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166386	0.00113	4.53	4.53	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166386	0.00132	4.19	4.19	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166386	0.00158	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166386	0.00191	3.75	3.75	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166386	0.00237	3.78	3.78	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166386	0.00305	3.86	3.86	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166386	0.00419	3.97	3.97	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166386	0.00609	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166386	0.01083	3.84	3.84	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166386	0.00841	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166386	0.00719	3.96	3.96	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166386	0.00649	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166386	0.00599	3.91	3.91	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166386	0.00561	3.46	3.46	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166386	0.00518	3.3	3.3	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166386	0.00477	3.17	3.17	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166386	0.00439	3.04	3.04	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166386	0.00403	2.93	2.93	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166386	0.0037	3.02	3.02	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166386	0.00345	3.26	3.26	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166386	0.00331	3.45	3.45	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166386	0.00328	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166386	0.00338	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166386	0.00361	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166386	0.004	3.6	3.6	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166386	0.00464	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166386	0.00564	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166386	0.01023	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166386	0.00919	3.04	3.04	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166386	0.00843	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166386	0.0078	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166386	0.00722	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166386	0.00672	3.76	3.76	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166386	0.00628	4.08	4.08	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166386	0.00591	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	551764.8	4166406	0.00075	4.89	4.89	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166406	0.00097	4.43	4.43	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166406	0.00111	4.46	4.46	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166406	0.00129	4.25	4.25	1.5	ANNUAL	PM25_28	5

UCART1	551864.8	4166406	0.00153	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166406	0.00181	3.83	3.83	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166406	0.00221	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166406	0.00278	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166406	0.00365	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166406	0.00533	3.95	3.95	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166406	0.00946	3.79	3.79	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166406	0.00775	3.82	3.82	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166406	0.00671	3.78	3.78	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166406	0.00602	3.79	3.79	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166406	0.00558	3.45	3.45	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166406	0.0052	3.19	3.19	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166406	0.00488	3.05	3.05	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166406	0.00461	2.95	2.95	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166406	0.00433	2.86	2.86	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166406	0.00403	2.92	2.92	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166406	0.00378	3.19	3.19	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166406	0.00366	3.45	3.45	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166406	0.0037	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166406	0.00395	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166406	0.00438	3.45	3.45	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166406	0.00503	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166406	0.00594	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166406	0.00716	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166406	0.01142	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166406	0.01026	2.99	2.99	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166406	0.00936	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166406	0.00861	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166406	0.00791	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166406	0.00729	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166406	0.00677	4.17	4.17	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166406	0.00631	4.07	4.07	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166426	0.00096	4.47	4.47	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166426	0.00109	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166426	0.00125	4.45	4.45	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166426	0.00147	3.75	3.75	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166426	0.00173	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166426	0.00209	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166426	0.00258	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166426	0.00328	3.87	3.87	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166426	0.00451	3.92	3.92	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166426	0.01052	3.69	3.69	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166426	0.00837	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166426	0.00713	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166426	0.00635	3.68	3.68	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166426	0.00586	3.46	3.46	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166426	0.00551	3.13	3.13	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166426	0.00524	3.01	3.01	1.5	ANNUAL	PM25_28	5

Term131S	552144.8	4166426	0.00504	2.96	2.96	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166426	0.00487	2.86	2.86	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166426	0.00464	2.88	2.88	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166426	0.00438	3.17	3.17	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166426	0.00429	3.47	3.47	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166426	0.00451	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166426	0.00505	3.27	3.27	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166426	0.00592	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166426	0.00699	3.56	3.56	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166426	0.00816	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166426	0.00948	3.07	3.07	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166426	0.01277	2.98	2.98	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166426	0.01141	3.01	3.01	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166426	0.01034	2.94	2.94	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166426	0.00945	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166426	0.0086	3.35	3.35	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166426	0.00786	3.92	3.92	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166426	0.00725	3.99	3.99	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166426	0.00669	4.12	4.12	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166446	0.00107	4.03	4.03	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166446	0.00123	3.96	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166446	0.00143	3.65	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166446	0.00167	3.6	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166446	0.002	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166446	0.00243	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166446	0.00303	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166446	0.004	3.87	3.87	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166446	0.00608	3.75	3.75	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166446	0.00906	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166446	0.00764	3.83	3.83	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166446	0.00679	3.82	3.82	1.5	ANNUAL	PM25_28	5
Term131S	552084.8	4166446	0.00633	3.47	3.47	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166446	0.00601	3.21	3.21	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166446	0.00577	3.22	3.22	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166446	0.00565	3.25	3.25	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166446	0.00565	3.12	3.12	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166446	0.00567	2.94	2.94	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166446	0.00554	3.22	3.22	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166446	0.00559	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166446	0.00621	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166446	0.00754	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166446	0.0092	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166446	0.01056	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166446	0.01162	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166446	0.01264	3.09	3.09	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166446	0.01418	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166446	0.01261	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166446	0.01136	2.89	2.89	1.5	ANNUAL	PM25_28	5

UCART1	552484.8	4166446	0.01029	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166446	0.00928	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166446	0.00843	3.75	3.75	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166446	0.0077	3.86	3.86	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166446	0.00703	4.01	4.01	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166466	0.00104	4.37	4.37	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166466	0.00117	4.91	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166466	0.00133	5.72	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166466	0.00155	5.25	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166466	0.00188	4.08	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166466	0.0023	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166466	0.00283	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166466	0.00363	3.83	3.83	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166466	0.00516	3.75	3.75	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166466	0.00991	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166466	0.0083	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166466	0.0074	3.73	3.73	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166466	0.0069	3.65	3.65	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166466	0.00665	3.36	3.36	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166466	0.00653	3.34	3.34	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166466	0.00656	3.38	3.38	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166466	0.00684	3.27	3.27	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166466	0.00739	3	3	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166466	0.008	3.18	3.18	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166466	0.0086	3.42	3.42	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166466	0.01101	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552264.8	4166466	0.014	3.43	3.43	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166466	0.01567	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166466	0.01621	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166466	0.01643	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166466	0.01671	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166466	0.01571	3.25	3.25	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166466	0.01385	3.2	3.2	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166466	0.01238	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166466	0.01111	2.81	2.81	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166466	0.00992	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166466	0.00894	3.61	3.61	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166466	0.00809	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166486	0.001	4.93	4.93	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166486	0.00111	6.14	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166486	0.00121	8.08	8.08	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166486	0.00143	7.1	7.1	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166486	0.00177	4.75	7.05	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166486	0.00218	3.32	7.05	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166486	0.00266	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166486	0.00336	3.78	3.78	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166486	0.00459	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166486	0.01097	3.71	3.71	1.5	ANNUAL	PM25_28	5

UCART1	552044.8	4166486	0.00903	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166486	0.00814	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166486	0.00758	3.86	3.86	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166486	0.00746	3.54	3.54	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166486	0.00758	3.39	3.39	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166486	0.00795	3.4	3.4	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166486	0.00884	3.37	3.37	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166486	0.0107	3.06	3.06	1.5	ANNUAL	PM25_28	5
Term131S	552204.8	4166486	0.01367	3.06	3.06	1.5	ANNUAL	PM25_28	5
Term131S	552224.8	4166486	0.02421	3.27	3.27	1.5	ANNUAL	PM25_28	5
Term131S	552244.8	4166486	0.02836	3.4	3.4	1.5	ANNUAL	PM25_28	5
Term131S	552264.8	4166486	0.0278	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166486	0.02623	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166486	0.0244	3.56	3.56	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166486	0.02295	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166486	0.0217	3.2	3.2	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166486	0.01734	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166486	0.01511	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166486	0.01334	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166486	0.01187	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166486	0.01053	3.23	3.23	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166486	0.00939	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166486	0.00844	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166506	0.00097	4.76	4.76	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166506	0.00109	5.64	5.64	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166506	0.0012	7	7	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166506	0.00144	5.3	8.39	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166506	0.00172	4.02	7.05	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166506	0.00207	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166506	0.00252	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166506	0.00316	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166506	0.00422	3.49	3.49	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166506	0.00645	3.46	3.46	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166506	0.01196	3.56	3.56	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166506	0.00965	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166506	0.00888	3.47	3.47	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166506	0.00863	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166506	0.00869	3.49	3.49	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166506	0.00923	3.41	3.41	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166506	0.01063	3.37	3.37	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166506	0.01337	3.37	3.37	1.5	ANNUAL	PM25_28	5
Term131S	552184.8	4166506	0.01841	3.18	3.18	1.5	ANNUAL	PM25_28	5
Term131S	552264.8	4166506	0.0562	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166506	0.04437	3.34	3.34	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166506	0.03697	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166506	0.03121	3.35	3.35	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166506	0.02736	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166506	0.01898	3.13	3.13	1.5	ANNUAL	PM25_28	5

UCART1	552444.8	4166506	0.01635	3.17	3.17	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166506	0.01428	3.01	3.01	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166506	0.01257	2.84	2.84	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166506	0.01104	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166506	0.00976	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166506	0.00869	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166526	0.00095	4.47	4.47	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166526	0.00106	5.15	5.15	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166526	0.00119	5.83	5.83	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166526	0.0014	4.58	4.58	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166526	0.00165	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166526	0.00197	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166526	0.00239	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166526	0.00298	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166526	0.00392	3.52	3.52	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166526	0.00577	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166526	0.01016	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166526	0.00948	3.61	3.61	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166526	0.0099	3.47	3.47	1.5	ANNUAL	PM25_28	5
Term131S	552104.8	4166526	0.01074	3.5	3.5	1.5	ANNUAL	PM25_28	5
Term131S	552124.8	4166526	0.01315	3.41	3.41	1.5	ANNUAL	PM25_28	5
Term131S	552144.8	4166526	0.02013	3.34	3.34	1.5	ANNUAL	PM25_28	5
Term131S	552164.8	4166526	0.03114	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166526	0.07605	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166526	0.05207	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166526	0.04013	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166526	0.03342	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166526	0.02049	3.01	3.01	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166526	0.01748	3	3	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166526	0.0151	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166526	0.01315	2.73	2.73	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166526	0.01146	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166526	0.01005	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166526	0.0079	4.08	4.08	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166546	0.00093	4.12	4.12	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166546	0.00104	4.64	4.64	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166546	0.00118	4.64	4.64	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166546	0.00135	4.55	4.55	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166546	0.00158	4.09	4.09	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166546	0.00188	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166546	0.00227	3.63	3.63	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166546	0.00282	3.65	3.65	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166546	0.00367	3.72	3.72	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166546	0.00525	3.74	3.74	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166546	0.01066	3.8	3.8	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166546	0.00988	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166546	0.01097	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166546	0.09748	3.25	3.25	1.5	ANNUAL	PM25_28	5

UCART1	552304.8	4166546	0.06494	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166546	0.04854	3.04	3.04	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166546	0.03945	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166546	0.02172	2.82	2.82	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166546	0.01837	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166546	0.01573	2.63	2.63	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166546	0.01358	2.56	2.56	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166546	0.01177	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166546	0.01023	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166546	0.00801	3.87	3.87	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166566	0.00091	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166566	0.00102	3.85	3.85	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166566	0.00115	4.08	4.08	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166566	0.00132	4.2	4.2	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166566	0.00153	3.87	3.87	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166566	0.00181	3.62	3.62	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166566	0.00218	3.6	3.6	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166566	0.0027	3.59	3.59	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166566	0.00349	3.69	3.69	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166566	0.00489	3.64	3.64	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166566	0.01133	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166566	0.01056	3.33	3.33	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166566	0.01239	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166566	0.07448	3.09	3.09	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166566	0.05525	2.93	2.93	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166566	0.04456	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166566	0.02249	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166566	0.01886	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166566	0.01604	2.62	2.62	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166566	0.01376	2.61	2.61	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166566	0.01184	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166566	0.00905	3.81	3.81	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166566	0.00804	3.9	3.9	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166586	0.001	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166586	0.00113	3.66	3.66	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166586	0.00128	3.82	3.82	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166586	0.00149	3.67	3.67	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166586	0.00175	3.54	3.54	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166586	0.0021	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166586	0.0026	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166586	0.00334	3.51	3.51	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166586	0.0046	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166586	0.0061	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166586	0.01209	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166586	0.01124	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166586	0.01354	3.09	3.09	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166586	0.02273	3.24	3.24	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166586	0.08387	3	3	1.5	ANNUAL	PM25_28	5

UCART1	552324.8	4166586	0.06061	2.83	2.83	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166586	0.048	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166586	0.02278	2.73	2.73	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166586	0.01898	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166586	0.01606	2.62	2.62	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166586	0.01371	2.73	2.73	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166586	0.01175	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166586	0.00901	3.86	3.86	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166586	0.00801	3.93	3.93	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166606	0.00077	4.01	4.01	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166606	0.00097	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166606	0.0011	3.38	3.38	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166606	0.00125	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166606	0.00144	3.49	3.49	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166606	0.00169	3.49	3.49	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166606	0.00203	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166606	0.00252	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166606	0.00322	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166606	0.00439	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166606	0.0068	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166606	0.01019	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166606	0.01188	3.26	3.26	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166606	0.01373	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166606	0.02155	3.23	3.23	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166606	0.09273	2.96	2.96	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166606	0.06523	2.71	2.71	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166606	0.0496	2.74	2.74	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166606	0.02775	2.47	2.47	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166606	0.02262	2.54	2.54	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166606	0.01878	2.55	2.55	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166606	0.01583	2.58	2.58	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166606	0.01347	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166606	0.01011	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166606	0.00889	3.86	3.86	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166606	0.00792	3.88	3.88	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166626	0.00075	4.01	4.01	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166626	0.00095	3.04	3.04	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166626	0.00108	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166626	0.00122	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166626	0.00141	3.29	3.29	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166626	0.00165	3.44	3.44	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166626	0.00197	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166626	0.00243	3.11	3.11	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166626	0.00311	2.96	2.96	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166626	0.00419	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166626	0.00629	2.93	2.93	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166626	0.01255	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166626	0.01396	3.28	3.28	1.5	ANNUAL	PM25_28	5

UCART1	552104.8	4166626	0.02044	3.07	3.07	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166626	0.10101	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166626	0.0686	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166626	0.0498	2.76	2.76	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166626	0.02693	2.45	2.45	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166626	0.02193	2.48	2.48	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166626	0.01824	2.46	2.46	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166626	0.01536	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166626	0.01306	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166626	0.0099	3.37	3.37	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166626	0.00873	3.58	3.58	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166626	0.00778	3.71	3.71	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166646	0.00074	3.84	3.84	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166646	0.00093	3.16	3.16	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166646	0.00106	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166646	0.0012	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166646	0.00138	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166646	0.00161	3.41	3.41	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166646	0.00192	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166646	0.00237	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166646	0.00302	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166646	0.00405	2.97	2.97	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166646	0.00594	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166646	0.01307	2.65	2.65	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166646	0.01399	3.06	3.06	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166646	0.0191	2.94	2.94	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166646	0.09934	2.96	2.96	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166646	0.06652	2.66	2.66	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166646	0.04798	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166646	0.02552	2.44	2.44	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166646	0.02087	2.43	2.43	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166646	0.01741	2.42	2.42	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166646	0.01466	2.79	2.79	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166646	0.01085	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166646	0.00958	3.18	3.18	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166646	0.0085	3.32	3.32	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166646	0.00759	3.55	3.55	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166666	0.00073	3.48	3.48	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166666	0.00091	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166666	0.00104	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166666	0.00118	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166666	0.00136	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166666	0.00158	3.42	3.42	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166666	0.00189	3.36	3.36	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166666	0.00233	3.13	3.13	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166666	0.00296	3.2	3.2	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166666	0.00394	3.19	3.19	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166666	0.00566	3	3	1.5	ANNUAL	PM25_28	5

UCART1	552064.8	4166666	0.01345	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166666	0.01384	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166666	0.01775	2.86	2.86	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166666	0.09027	3.01	3.01	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166666	0.06061	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166666	0.04342	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166666	0.02369	2.45	2.45	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166666	0.01951	2.33	2.33	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166666	0.01629	2.48	2.48	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166666	0.01376	2.95	2.95	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166666	0.01034	3.31	3.31	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166666	0.00917	3.1	3.1	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166666	0.00816	3.4	3.4	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166666	0.00733	3.53	3.53	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166686	0.00072	3.57	3.57	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166686	0.00102	3	3	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166686	0.00116	2.91	2.91	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166686	0.00134	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166686	0.00157	3.22	3.22	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166686	0.00188	3.2	3.2	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166686	0.00232	3.02	3.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166686	0.00296	2.92	2.92	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166686	0.0039	2.97	2.97	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166686	0.00544	2.94	2.94	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166686	0.00793	2.85	2.85	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166686	0.01396	2.78	2.78	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166686	0.01365	2.77	2.77	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166686	0.01642	2.77	2.77	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166686	0.02471	3.02	3.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166686	0.07629	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166686	0.05051	2.57	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166686	0.03765	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166686	0.02142	2.54	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166686	0.01773	2.47	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166686	0.01491	2.66	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166686	0.01104	3.19	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166686	0.00975	3.09	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166686	0.00869	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166686	0.00778	3.35	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166686	0.00704	3.47	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166706	0.00071	3.5	3.5	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166706	0.00078	3.66	3.66	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166706	0.001	3.12	3.12	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166706	0.00115	2.9	2.9	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166706	0.00133	2.94	2.94	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166706	0.00157	3.05	3.05	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166706	0.00188	3.08	3.08	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166706	0.00232	2.92	2.92	1.5	ANNUAL	PM25_28	5

UCART1	551984.8	4166706	0.00295	2.72	2.72	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166706	0.00385	2.8	2.8	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166706	0.00523	2.89	2.89	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166706	0.00786	2.88	2.88	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166706	0.01359	2.67	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166706	0.01537	2.79	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166706	0.01955	3	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166706	0.05449	2.45	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166706	0.04696	2.46	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166706	0.05987	2.57	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166706	0.05328	2.51	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552324.8	4166706	0.04003	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552344.8	4166706	0.0327	2.69	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166706	0.01882	2.62	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166706	0.01571	2.71	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552444.8	4166706	0.01337	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166706	0.01022	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166706	0.00912	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166706	0.00819	3.06	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166706	0.0074	3.24	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166706	0.00672	3.38	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551804.8	4166726	0.0007	3.14	3.14	1.5	ANNUAL	PM25_28	5
UCART1	551824.8	4166726	0.00078	3.39	3.39	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166726	0.00099	3.28	3.28	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166726	0.00114	2.88	2.88	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166726	0.00133	2.83	2.83	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166726	0.00157	2.98	2.98	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166726	0.00189	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166726	0.00233	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166726	0.00293	2.85	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166726	0.00378	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166726	0.00502	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166726	0.00724	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166726	0.01362	2.57	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166726	0.01412	3.06	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166726	0.0165	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166726	0.02417	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166726	0.05462	2.73	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166726	0.03515	2.47	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166726	0.03094	2.29	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166726	0.02978	2.34	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166726	0.03028	2.41	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166726	0.03157	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166726	0.03267	2.33	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166726	0.03232	2.37	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166726	0.01622	2.54	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166726	0.01366	3.07	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166726	0.00943	2.82	320.02	1.5	ANNUAL	PM25_28	5

UCART1	552504.8	4166726	0.00853	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166726	0.00773	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166726	0.00701	3.19	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166726	0.00641	3.2	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166746	0.00098	3.33	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166746	0.00114	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166746	0.00133	2.72	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166746	0.00158	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166746	0.0019	2.93	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166746	0.00233	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166746	0.0029	2.93	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166746	0.00369	2.84	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166746	0.00483	2.82	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166746	0.00675	2.8	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166746	0.01355	2.64	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166746	0.01313	3.16	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166746	0.01424	3.29	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166746	0.01802	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166746	0.02733	2.82	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166746	0.02238	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166746	0.02062	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166746	0.01998	2.44	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166746	0.01973	2.44	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166746	0.01958	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166746	0.01976	2.3	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166746	0.02018	2.35	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166746	0.01375	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166746	0.01182	3.27	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166746	0.00961	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166746	0.0088	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166746	0.00803	2.76	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166746	0.00727	3.16	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166746	0.0066	3.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166746	0.00606	3.44	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166766	0.00086	3.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166766	0.00114	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166766	0.00134	2.68	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166766	0.0016	2.71	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166766	0.00191	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166766	0.00232	3.16	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166766	0.00286	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166766	0.00359	2.89	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166766	0.00464	2.81	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166766	0.0063	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166766	0.01351	2.73	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166766	0.01236	3.13	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166766	0.01245	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166766	0.01354	3.02	320.02	1.5	ANNUAL	PM25_28	5

UCART1	552164.8	4166766	0.01419	2.94	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166766	0.01423	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166766	0.01431	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166766	0.01429	2.6	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166766	0.01413	2.54	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166766	0.01394	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166766	0.0139	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166766	0.01419	2.4	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166766	0.01177	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166766	0.01054	3.35	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166766	0.00923	2.72	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166766	0.00844	2.69	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166766	0.00763	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166766	0.00686	3.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166766	0.00619	4.2	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166766	0.0057	3.92	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166786	0.00086	3.63	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166786	0.00115	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166786	0.00135	2.83	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166786	0.0016	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166786	0.00191	3.1	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166786	0.00229	3.46	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166786	0.00282	2.97	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166786	0.00348	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166786	0.00441	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166786	0.00583	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166786	0.00806	2.8	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552084.8	4166786	0.01363	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166786	0.01187	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166786	0.01115	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166786	0.01099	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166786	0.01095	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166786	0.01089	2.9	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166786	0.01097	2.54	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166786	0.01093	2.51	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166786	0.01085	2.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166786	0.01076	2.68	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166786	0.01079	2.69	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166786	0.01119	2.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166786	0.00948	2.63	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166786	0.00828	2.82	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166786	0.00731	3.25	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166786	0.00655	3.55	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166786	0.00591	3.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166786	0.00541	3.77	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166806	0.00087	3.63	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166806	0.00116	3.38	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166806	0.00136	3.23	320.02	1.5	ANNUAL	PM25_28	5

UCART1	551924.8	4166806	0.0016	3.22	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166806	0.0019	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166806	0.00227	3.37	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166806	0.00277	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166806	0.00337	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166806	0.00418	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166806	0.00539	2.93	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166806	0.00763	2.83	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166806	0.01141	2.82	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166806	0.0102	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166806	0.00959	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166806	0.00922	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166806	0.00902	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166806	0.00898	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166806	0.00887	2.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166806	0.0088	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166806	0.00877	2.7	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166806	0.00888	2.73	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166806	0.0094	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166806	0.01204	3.47	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166806	0.0112	2.98	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166806	0.00967	2.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166806	0.00815	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166806	0.00707	3.17	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166806	0.00629	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166806	0.00566	3.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166806	0.00516	3.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166826	0.00088	3.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551884.8	4166826	0.00116	3.73	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166826	0.00135	3.69	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166826	0.00159	3.63	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166826	0.00188	3.52	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166826	0.00224	3.21	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166826	0.00269	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166826	0.00324	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166826	0.00395	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166826	0.00496	2.96	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166826	0.00674	2.85	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166826	0.01112	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166826	0.00959	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166826	0.00871	3.18	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166826	0.00816	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166826	0.00782	3.11	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166826	0.00769	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166826	0.00754	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166826	0.00746	2.59	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166826	0.00747	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166826	0.00765	2.62	320.02	1.5	ANNUAL	PM25_28	5

UCART1	552304.8	4166826	0.00826	2.45	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166826	0.01047	3.92	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166826	0.00985	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166826	0.00915	2.42	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166826	0.00781	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166826	0.0068	2.71	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166826	0.00603	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166826	0.00541	3.25	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552564.8	4166826	0.00493	3.18	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551844.8	4166846	0.00089	3.44	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551864.8	4166846	0.00102	3.53	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551904.8	4166846	0.00135	3.96	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551924.8	4166846	0.00158	3.9	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551944.8	4166846	0.00185	3.68	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551964.8	4166846	0.00218	3.42	320.02	1.5	ANNUAL	PM25_28	5
UCART1	551984.8	4166846	0.0026	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552004.8	4166846	0.00309	2.92	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552024.8	4166846	0.0037	3	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552044.8	4166846	0.00454	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552064.8	4166846	0.00599	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552104.8	4166846	0.01116	2.67	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552124.8	4166846	0.00932	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552144.8	4166846	0.0082	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552164.8	4166846	0.00749	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552184.8	4166846	0.00702	3.18	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552204.8	4166846	0.0068	2.78	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552224.8	4166846	0.00664	2.62	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552244.8	4166846	0.00656	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552264.8	4166846	0.00659	2.51	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552284.8	4166846	0.00682	2.5	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552304.8	4166846	0.00751	2.44	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552404.8	4166846	0.01006	2.41	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552424.8	4166846	0.00925	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552464.8	4166846	0.00863	2.46	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552484.8	4166846	0.00737	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552504.8	4166846	0.00643	2.79	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552524.8	4166846	0.00571	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART1	552544.8	4166846	0.00514	3.04	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551904.6	4166869	0.00135	4.03	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551924.6	4166869	0.00156	4.05	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166869	0.0018	3.81	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166869	0.0021	3.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166869	0.00246	3.22	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166869	0.00289	2.92	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166869	0.0034	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166869	0.0041	3.06	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166869	0.00526	2.84	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166869	0.00639	2.67	320.02	1.5	ANNUAL	PM25_28	5

UCART2	552104.6	4166869	0.01135	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166869	0.00916	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166869	0.00784	2.96	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166869	0.00699	3.04	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166869	0.00643	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166869	0.00612	3.03	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166869	0.00593	2.8	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166869	0.00585	2.59	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166869	0.0059	2.47	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166869	0.00617	2.45	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552304.6	4166869	0.00695	2.45	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166869	0.00888	2.66	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166869	0.00946	2.02	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166869	0.00871	2.48	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552464.6	4166869	0.00815	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166869	0.00694	2.66	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166869	0.00604	2.85	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552524.6	4166869	0.00536	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552544.6	4166869	0.00483	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551884.6	4166889	0.00118	3.59	356.4	1.5	ANNUAL	PM25_28	5
UCART2	551924.6	4166889	0.00153	4.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166889	0.00176	3.83	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166889	0.00202	3.51	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166889	0.00233	3.33	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166889	0.0027	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166889	0.00315	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166889	0.00375	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166889	0.00474	2.83	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166889	0.00695	2.75	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552104.6	4166889	0.01172	2.97	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166889	0.00913	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166889	0.00766	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166889	0.00671	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166889	0.0061	3.07	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166889	0.00571	3.2	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166889	0.00549	3.02	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166889	0.00541	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166889	0.00548	2.55	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166889	0.00579	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552304.6	4166889	0.00667	2.52	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166889	0.01041	2.72	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166889	0.00891	2.57	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166889	0.00829	2.6	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552464.6	4166889	0.00777	2.61	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166889	0.00659	2.7	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166889	0.00572	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552524.6	4166889	0.00506	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551924.6	4166909	0.0015	3.97	356.4	1.5	ANNUAL	PM25_28	5

UCART2	551944.6	4166909	0.0017	3.62	356.4	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166909	0.00194	3.34	356.4	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166909	0.0022	3.25	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166909	0.00251	3.13	345.72	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166909	0.0029	3.09	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166909	0.00344	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166909	0.00427	2.99	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166909	0.00599	2.94	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166909	0.00925	2.94	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166909	0.00759	3.07	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166909	0.00655	3.11	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166909	0.00589	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166909	0.00545	3.1	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166909	0.00518	3.17	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166909	0.00507	3.15	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166909	0.00513	3.12	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166909	0.00547	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552304.6	4166909	0.00648	2.87	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166909	0.00993	2.72	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166909	0.00845	2.84	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166909	0.00788	2.91	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552464.6	4166909	0.00742	2.7	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166909	0.0063	2.58	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166909	0.00545	2.79	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552524.6	4166909	0.00481	3.04	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551904.6	4166929	0.0013	3.93	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551924.6	4166929	0.00146	3.89	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166929	0.00164	3.65	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166929	0.00183	3.52	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166929	0.00206	3.22	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166929	0.00233	3.18	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166929	0.00268	3.14	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166929	0.00315	3.08	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166929	0.00388	3.03	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166929	0.00528	2.98	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166929	0.00947	2.95	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166929	0.00763	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166929	0.00648	3.11	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166929	0.00574	3.14	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166929	0.00525	3.29	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166929	0.00496	3.4	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166929	0.00484	3.48	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166929	0.00491	3.5	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166929	0.00529	3.43	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552304.6	4166929	0.00642	3.36	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166929	0.00936	2.77	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166929	0.00799	2.93	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166929	0.0075	3	320.02	1.5	ANNUAL	PM25_28	5

UCART2	552464.6	4166929	0.0071	2.83	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166929	0.00603	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166929	0.0052	2.7	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166949	0.00155	3.84	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166949	0.00172	3.8	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166949	0.00193	3.23	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166949	0.00216	3.19	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166949	0.00246	3.21	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166949	0.00289	3.15	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166949	0.00355	3.03	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166949	0.00473	2.97	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166949	0.00978	2.98	345.72	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166949	0.00775	3.04	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166949	0.00649	3.11	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166949	0.00565	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166949	0.00512	3.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166949	0.00482	3.63	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166949	0.0047	3.7	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166949	0.00481	3.64	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166949	0.00527	3.57	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166949	0.00876	2.84	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166949	0.00756	2.86	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166949	0.00717	2.88	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552464.6	4166949	0.00679	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552484.6	4166949	0.00577	2.53	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552504.6	4166949	0.00497	2.62	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551944.6	4166969	0.00147	4.26	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166969	0.00162	3.85	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166969	0.00179	3.49	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166969	0.002	3.35	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166969	0.00226	3.37	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166969	0.00265	3.28	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166969	0.00323	3.16	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4166969	0.00423	3.3	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166969	0.01022	3.09	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166969	0.00788	3.29	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4166969	0.00653	3.24	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4166969	0.00571	2.91	345.72	1.5	ANNUAL	PM25_28	5
UCART2	552284.6	4166969	0.00559	2.19	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166969	0.00818	3.01	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166969	0.00711	3.05	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166969	0.00676	3.54	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4166989	0.00151	4.16	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4166989	0.00167	3.67	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4166989	0.00185	3.5	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4166989	0.00209	3.48	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4166989	0.00242	3.41	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4166989	0.00294	3.34	356.88	1.5	ANNUAL	PM25_28	5

UCART2	552084.6	4166989	0.00381	3.5	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552104.6	4166989	0.0059	3.14	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552124.6	4166989	0.01089	3.09	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4166989	0.00825	2.83	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4166989	0.00524	2.19	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4166989	0.00482	3.33	345.72	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4166989	0.00479	3.13	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4166989	0.00514	2.47	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552364.6	4166989	0.00934	3.32	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552384.6	4166989	0.00773	2.74	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552404.6	4166989	0.00672	3.08	320.02	1.5	ANNUAL	PM25_28	5
UCART2	552424.6	4166989	0.00647	3.48	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551964.6	4167009	0.0014	4.62	356.88	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4167009	0.00155	3.8	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4167009	0.00171	3.64	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4167009	0.00193	3.55	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4167009	0.00222	3.54	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4167009	0.00267	3.56	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4167009	0.00344	3.58	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552104.6	4167009	0.00509	3.57	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4167009	0.00576	3.64	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4167009	0.00517	3.57	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4167009	0.00483	4.03	356.4	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4167009	0.00486	4.2	348.95	1.5	ANNUAL	PM25_28	5
UCART2	552264.6	4167009	0.00541	4.36	320.02	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4167029	0.00143	4.15	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4167029	0.00158	3.82	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4167029	0.00178	3.55	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4167029	0.00204	3.58	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4167029	0.00243	3.56	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552084.6	4167029	0.00317	2.77	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4167029	0.0089	3.29	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4167029	0.00712	3.03	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4167029	0.00587	3.98	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4167029	0.00529	3.96	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4167029	0.00508	3.93	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552244.6	4167029	0.00529	4.07	356.4	1.5	ANNUAL	PM25_28	5
UCART2	551984.6	4167049	0.00133	4.63	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552004.6	4167049	0.00147	3.92	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552024.6	4167049	0.00165	3.36	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552044.6	4167049	0.00189	3.04	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552064.6	4167049	0.00226	2.79	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552144.6	4167049	0.00938	3.84	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552164.6	4167049	0.00749	3.61	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552184.6	4167049	0.00623	4.13	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552204.6	4167049	0.00562	4.14	356.88	1.5	ANNUAL	PM25_28	5
UCART2	552224.6	4167049	0.00557	3.85	356.88	1.5	ANNUAL	PM25_28	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Num Years
UCART1	552064.8	4166026	0.0046	4.6	4.6	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166026	0.00507	4.06	4.06	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166026	0.00549	3.76	3.76	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166026	0.00586	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166026	0.00621	3.84	3.84	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166026	0.0066	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166026	0.0069	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166026	0.00718	3.16	3.16	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166026	0.00744	3	3	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166026	0.00767	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166026	0.00789	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166026	0.00813	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166026	0.00845	2.98	2.98	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166026	0.00893	3.02	3.02	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166026	0.00976	2.88	2.88	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166026	0.0113	2.63	2.63	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166046	0.00609	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166046	0.00666	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166046	0.00712	3.73	3.73	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166046	0.00752	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166046	0.00788	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166046	0.00818	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166046	0.0084	3.46	3.46	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166046	0.0086	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166046	0.00876	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166046	0.00888	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166046	0.009	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166046	0.00915	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166046	0.00949	3.03	3.03	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166046	0.0101	2.68	2.68	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166046	0.01119	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166046	0.01339	2.37	2.37	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166066	0.00536	4.58	4.58	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166066	0.00555	4.32	4.32	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166066	0.00571	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166066	0.00597	4.1	4.1	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166066	0.00637	3.84	3.84	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166066	0.00697	3.7	3.7	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166066	0.00765	3.7	3.7	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166066	0.00839	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166066	0.009	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166066	0.00941	3.76	3.76	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166066	0.00976	3.7	3.7	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166066	0.01003	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166066	0.01017	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166066	0.01029	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166066	0.01031	3.29	3.29	1.5	ANNUAL	PM25_29	5

UCART1	552224.8	4166066	0.01026	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166066	0.01019	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166066	0.01016	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166066	0.01019	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166066	0.01055	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166066	0.01127	2.56	2.56	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166066	0.01266	2.3	2.3	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166066	0.01573	2.29	2.29	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166086	0.00653	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166086	0.00686	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166086	0.0073	4.65	4.65	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166086	0.00809	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166086	0.00918	3.82	3.82	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166086	0.01025	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166086	0.01113	3.65	3.65	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166086	0.0119	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166086	0.01236	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166086	0.01259	3.79	3.79	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166086	0.01276	3.73	3.73	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166086	0.01283	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166086	0.01272	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166086	0.01259	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166086	0.01229	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166086	0.01191	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166086	0.01157	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166086	0.01134	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166086	0.01123	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166086	0.01163	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166086	0.01246	2.59	2.59	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166086	0.01424	2.38	2.38	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166086	0.0181	2.34	2.34	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166086	0.03455	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166086	0.02781	3	3	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166086	0.02305	2.42	2.42	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166086	0.01941	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166086	0.0167	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166086	0.01468	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166106	0.00706	4.88	4.88	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166106	0.00765	4.68	4.68	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166106	0.00826	4.62	4.62	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166106	0.0089	4.94	4.94	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166106	0.01014	5.06	5.06	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166106	0.01221	4.8	4.8	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166106	0.01448	4.16	4.16	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166106	0.01604	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166106	0.0168	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166106	0.01717	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166106	0.01715	3.79	3.79	1.5	ANNUAL	PM25_29	5

UCART1	552104.8	4166106	0.01712	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166106	0.01694	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166106	0.01653	3.82	3.82	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166106	0.01596	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166106	0.01528	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166106	0.01448	2.54	2.54	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166106	0.01368	2.4	2.4	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166106	0.01305	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166106	0.01263	2.61	2.61	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166106	0.01238	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166106	0.01272	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166106	0.01365	2.78	2.78	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166106	0.01577	2.59	2.59	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166106	0.02024	2.47	2.47	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166106	0.03477	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166106	0.02825	2.84	2.84	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166106	0.02358	2.61	2.61	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166106	0.02008	2.68	2.68	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166106	0.01743	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166106	0.01541	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166126	0.00746	4.78	4.78	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166126	0.00877	4.77	4.77	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166126	0.01001	4.62	4.62	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166126	0.01128	4.62	4.62	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166126	0.01333	5	5	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166126	0.01721	5.31	5.31	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166126	0.02145	5.06	5.06	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166126	0.0245	4.41	4.41	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166126	0.02594	3.8	3.8	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166126	0.026	3.46	3.46	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166126	0.02547	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166126	0.02458	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166126	0.02392	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166126	0.02295	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166126	0.02142	3.92	3.92	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166126	0.0197	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166126	0.01813	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166126	0.01663	2.4	2.4	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166126	0.01537	2.26	2.26	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166126	0.01444	2.26	2.26	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166126	0.01383	2.35	2.35	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166126	0.01354	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166126	0.01383	2.78	2.78	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166126	0.01485	2.71	2.71	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166126	0.01717	2.58	2.58	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166126	0.02207	2.58	2.58	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166126	0.03493	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166126	0.02857	2.77	2.77	1.5	ANNUAL	PM25_29	5

UCART1	552504.8	4166126	0.02398	2.74	2.74	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166126	0.0206	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166126	0.01803	2.75	2.75	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166126	0.01606	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166146	0.00698	4.84	4.84	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166146	0.00865	4.67	4.67	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166146	0.0112	4.62	4.62	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166146	0.01452	4.54	4.54	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166146	0.01876	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166146	0.02951	4.83	4.83	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166146	0.03736	5.39	5.39	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166146	0.04146	5.1	5.1	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166146	0.04331	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166146	0.04374	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166146	0.04264	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166146	0.0402	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166146	0.03766	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166146	0.0351	3.6	3.6	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166146	0.03129	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166146	0.02711	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166146	0.02354	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166146	0.02096	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166146	0.01871	2.61	2.61	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166146	0.017	2.65	2.65	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166146	0.01579	2.6	2.6	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166146	0.01501	2.45	2.45	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166146	0.01469	2.45	2.45	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166146	0.01494	2.53	2.53	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166146	0.01601	2.38	2.38	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166146	0.01843	2.35	2.35	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166146	0.02358	2.69	2.69	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166146	0.0352	2.64	2.64	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166146	0.0289	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166146	0.02439	2.81	2.81	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166146	0.02104	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166146	0.01856	2.87	2.87	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166146	0.01668	2.77	2.77	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166166	0.00624	4.89	4.89	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166166	0.00766	4.93	4.93	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166166	0.00985	4.86	4.86	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166166	0.01402	4.75	4.75	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166166	0.07552	4.38	4.38	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166166	0.09287	4.46	4.46	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166166	0.08121	4.25	4.25	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166166	0.0873	3.97	3.97	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166166	0.08787	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166166	0.08232	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166166	0.07439	3.38	3.38	1.5	ANNUAL	PM25_29	5

UCART1	552084.8	4166166	0.06569	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166166	0.05235	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166166	0.04102	3.3	3.3	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166166	0.0331	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166166	0.02755	3.09	3.09	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166166	0.02359	2.82	2.82	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166166	0.02066	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166166	0.01851	2.98	2.98	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166166	0.01703	2.97	2.97	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166166	0.01611	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166166	0.01572	2.62	2.62	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166166	0.01589	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166166	0.01697	2.68	2.68	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166166	0.01946	2.59	2.59	1.5	ANNUAL	PM25_29	5
UCART1	552364.8	4166166	0.02468	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166166	0.04421	2.78	2.78	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166166	0.03552	2.15	2.15	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166166	0.0294	2.39	2.39	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166166	0.02481	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166166	0.02151	3.05	3.05	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166166	0.01911	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166166	0.01729	2.84	2.84	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166186	0.00543	4.79	4.79	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166186	0.00659	4.87	4.87	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166186	0.0083	4.91	4.91	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166186	0.01111	4.81	4.81	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166186	0.01693	4.68	4.68	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166186	0.08078	4.43	4.43	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166186	0.07338	4.41	4.41	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166186	0.07393	4.15	4.15	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166186	0.07689	3.85	3.85	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166186	0.08115	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166186	0.08673	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166186	0.08392	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166186	0.09683	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166186	0.06527	3.25	3.25	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166186	0.04807	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166186	0.0375	3.02	3.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166186	0.03051	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166186	0.02569	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166186	0.02226	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166186	0.01981	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166186	0.01811	3.13	3.13	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166186	0.01707	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166186	0.01663	2.43	2.43	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166186	0.01679	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166186	0.01784	2.5	2.5	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166186	0.02034	2.51	2.51	1.5	ANNUAL	PM25_29	5

UCART1	552364.8	4166186	0.02563	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166186	0.02539	2.75	2.75	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166186	0.02219	2.74	2.74	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166186	0.01977	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166186	0.01795	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166206	0.00561	4.8	4.8	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166206	0.00688	4.89	4.89	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166206	0.00888	4.78	4.78	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166206	0.01241	4.57	4.57	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166206	0.01968	4.46	4.46	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166206	0.08093	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166206	0.06353	4.84	4.84	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166206	0.05688	4.36	4.36	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166206	0.05415	3.85	3.85	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166206	0.05355	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166206	0.05475	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166206	0.05938	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166206	0.0862	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166206	0.06419	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166206	0.04925	3.26	3.26	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166206	0.03899	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166206	0.03175	3.61	3.61	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166206	0.02695	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166206	0.02339	3.16	3.16	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166206	0.02082	3.07	3.07	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166206	0.01899	3.03	3.03	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166206	0.01787	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166206	0.0449	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166206	0.03627	2.12	2.12	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166206	0.02288	1.62	1.62	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166206	0.02056	2.52	2.52	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166206	0.01867	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166226	0.00578	4.64	4.64	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166226	0.00722	4.4	4.4	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166226	0.00957	4.18	4.18	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166226	0.01362	4.27	4.27	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166226	0.05738	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166226	0.0625	4.66	4.66	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166226	0.05278	4.32	4.32	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166226	0.04749	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166226	0.04511	3.79	3.79	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166226	0.04583	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166226	0.05308	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166226	0.0774	3.69	3.69	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166226	0.05948	3.77	3.77	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166226	0.0475	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166226	0.03881	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166226	0.03223	3.5	3.5	1.5	ANNUAL	PM25_29	5

UCART1	552184.8	4166226	0.02754	3.3	3.3	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166226	0.04483	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166226	0.0267	2.68	2.68	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166226	0.02368	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166226	0.01964	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166246	0.00595	4.53	4.53	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166246	0.00756	4.09	4.09	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166246	0.01016	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166246	0.01416	4.17	4.17	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166246	0.02105	4.33	4.33	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166246	0.03534	4.45	4.45	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166246	0.04075	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166246	0.0628	4.58	4.58	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166246	0.05128	4.41	4.41	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166246	0.04489	4.19	4.19	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166246	0.04201	4.1	4.1	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166246	0.04311	3.97	3.97	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166246	0.05295	3.76	3.76	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166246	0.05584	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166246	0.07275	3.73	3.73	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166246	0.05679	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166246	0.04603	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166246	0.03835	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166246	0.03245	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166246	0.02179	2.05	2.05	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166246	0.01994	2.49	2.49	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166246	0.01864	3.16	3.16	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166246	0.01811	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166246	0.01827	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166246	0.01942	3.17	3.17	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166246	0.0221	3.13	3.13	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166246	0.05666	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166246	0.04483	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166246	0.03673	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166246	0.03125	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166246	0.02722	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166246	0.02429	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166246	0.02231	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166266	0.00614	4.46	4.46	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166266	0.00785	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166266	0.01043	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166266	0.01405	4.26	4.26	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166266	0.02043	4.33	4.33	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166266	0.03385	4.42	4.42	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166266	0.06337	4.6	4.6	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166266	0.05107	4.67	4.67	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166266	0.04429	4.56	4.56	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166266	0.04134	4.43	4.43	1.5	ANNUAL	PM25_29	5

UCART1	552024.8	4166266	0.04272	4.25	4.25	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166266	0.05342	3.92	3.92	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166266	0.07155	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166266	0.07171	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166266	0.05617	3.62	3.62	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166266	0.04556	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166266	0.03818	2.87	2.87	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166266	0.02424	2.78	2.78	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166266	0.02164	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166266	0.0199	3.13	3.13	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166266	0.01879	3.3	3.3	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166266	0.01832	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166266	0.01857	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166266	0.01982	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166266	0.02269	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166266	0.05696	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166266	0.04524	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166266	0.03734	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166266	0.03208	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166266	0.02815	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166266	0.02528	3.62	3.62	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166266	0.02325	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166266	0.02172	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166286	0.00633	4.36	4.36	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166286	0.00799	4.11	4.11	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166286	0.01026	4.23	4.23	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166286	0.01375	4.11	4.11	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166286	0.01943	4.18	4.18	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166286	0.03077	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166286	0.06855	4.49	4.49	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166286	0.05477	4.29	4.29	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166286	0.04656	4.28	4.28	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166286	0.04253	4.41	4.41	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166286	0.04345	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166286	0.05456	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166286	0.09621	3.56	3.56	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166286	0.07136	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166286	0.0562	3.49	3.49	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166286	0.04599	2.81	2.81	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166286	0.02727	2.55	2.55	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166286	0.02376	3.21	3.21	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166286	0.02139	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166286	0.01984	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166286	0.0189	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166286	0.01855	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166286	0.01891	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166286	0.02031	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166286	0.02341	3.25	3.25	1.5	ANNUAL	PM25_29	5

UCART1	552424.8	4166286	0.05701	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166286	0.04566	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166286	0.03813	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166286	0.03311	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166286	0.02934	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166286	0.02657	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166286	0.02455	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166286	0.02301	3.65	3.65	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166306	0.00444	5.27	5.27	1.5	ANNUAL	PM25_29	5
UCART1	551784.8	4166306	0.0053	4.78	4.78	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166306	0.00647	4.32	4.32	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166306	0.008	4.26	4.26	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166306	0.01003	4.48	4.48	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166306	0.0133	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166306	0.01814	4	4	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166306	0.02658	4.2	4.2	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166306	0.04106	4.34	4.34	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166306	0.08198	4.36	4.36	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166306	0.06139	4.09	4.09	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166306	0.05052	4.13	4.13	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166306	0.04477	4.36	4.36	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166306	0.04462	4.29	4.29	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166306	0.05477	3.95	3.95	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166306	0.071	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166306	0.07305	3.11	3.11	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166306	0.03052	3.31	3.31	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166306	0.02627	3.33	3.33	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166306	0.02315	3.61	3.61	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166306	0.02113	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166306	0.0198	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166306	0.01902	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166306	0.01883	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166306	0.01934	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166306	0.02093	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166306	0.02433	3.25	3.25	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166306	0.05707	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166306	0.04639	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166306	0.03929	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166306	0.03448	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166306	0.03085	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166306	0.02816	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166306	0.02613	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166306	0.02455	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166326	0.00459	4.79	4.79	1.5	ANNUAL	PM25_29	5
UCART1	551784.8	4166326	0.00543	4.51	4.51	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166326	0.00652	4.35	4.35	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166326	0.00792	4.39	4.39	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166326	0.00982	4.3	4.3	1.5	ANNUAL	PM25_29	5

UCART1	551864.8	4166326	0.01278	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166326	0.01676	3.77	3.77	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166326	0.02301	4.09	4.09	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166326	0.03514	4.26	4.26	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166326	0.06962	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166326	0.05534	4.31	4.31	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166326	0.04786	4.29	4.29	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166326	0.04604	4.19	4.19	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166326	0.05329	4.03	4.03	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166326	0.05445	3.79	3.79	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166326	0.04364	2.72	2.72	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166326	0.03506	2.98	2.98	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166326	0.0293	3.29	3.29	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166326	0.02542	3.47	3.47	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166326	0.02255	4.02	4.02	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166326	0.02087	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166326	0.01983	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166326	0.01925	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166326	0.01922	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166326	0.01996	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166326	0.0218	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166326	0.02558	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166326	0.05782	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166326	0.04791	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166326	0.04119	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166326	0.03644	3.03	3.03	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166326	0.03276	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166326	0.03009	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166326	0.02801	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166326	0.02625	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166346	0.00469	4.79	4.79	1.5	ANNUAL	PM25_29	5
UCART1	551784.8	4166346	0.00549	4.59	4.59	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166346	0.00643	5.05	5.05	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166346	0.00758	5.62	5.62	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166346	0.00929	5.2	5.2	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166346	0.01175	4.5	4.5	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166346	0.01524	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166346	0.02021	4.08	4.08	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166346	0.02865	4.28	4.28	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166346	0.03771	4.17	4.17	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166346	0.08237	4.15	4.15	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166346	0.06171	4.34	4.34	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166346	0.05158	4.32	4.32	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166346	0.04752	4.18	4.18	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166346	0.05102	4.03	4.03	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166346	0.0693	2.83	2.83	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166346	0.05035	2.89	2.89	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166346	0.03955	3.13	3.13	1.5	ANNUAL	PM25_29	5

Term131S	552144.8	4166346	0.03268	3.24	3.24	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166346	0.02805	3.2	3.2	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166346	0.02472	3.38	3.38	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166346	0.02229	3.78	3.78	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166346	0.0208	3.6	3.6	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166346	0.01994	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166346	0.0196	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166346	0.0198	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166346	0.0208	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166346	0.02302	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166346	0.02734	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166346	0.05916	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166346	0.04984	3.15	3.15	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166346	0.04346	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166346	0.03879	2.81	2.81	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166346	0.03496	3.3	3.3	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166346	0.0322	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166346	0.02991	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166346	0.02795	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166366	0.00475	4.82	4.82	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166366	0.00636	5.3	5.3	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166366	0.00737	6.04	6.04	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166366	0.00891	5.49	5.49	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166366	0.01098	4.89	4.89	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166366	0.01402	4.05	4.05	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166366	0.01809	4.02	4.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166366	0.02444	4.2	4.2	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166366	0.03713	4.1	4.1	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166366	0.07017	4.23	4.23	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166366	0.05636	4.26	4.26	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166366	0.04961	4.13	4.13	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166366	0.04834	3.98	3.98	1.5	ANNUAL	PM25_29	5
Term131S	552064.8	4166366	0.05077	3.93	3.93	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166366	0.04745	3.53	3.53	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166366	0.04075	3.46	3.46	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166366	0.03493	3.4	3.4	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166366	0.03044	3.26	3.26	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166366	0.02697	3.08	3.08	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166366	0.02425	3.2	3.2	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166366	0.02228	3.39	3.39	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166366	0.02096	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166366	0.02027	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166366	0.02022	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166366	0.02074	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166366	0.02211	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166366	0.02486	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166366	0.02997	3.15	3.15	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166366	0.06139	3.33	3.33	1.5	ANNUAL	PM25_29	5

UCART1	552444.8	4166366	0.05239	3.17	3.17	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166366	0.04619	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166366	0.04148	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166366	0.03738	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166366	0.0344	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166366	0.03178	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166366	0.02961	3.68	3.68	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166386	0.00479	4.81	4.81	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166386	0.0064	4.48	4.48	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166386	0.00745	4.53	4.53	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166386	0.00886	4.19	4.19	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166386	0.01074	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166386	0.01315	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166386	0.01654	3.78	3.78	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166386	0.02164	3.86	3.86	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166386	0.03041	3.97	3.97	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166386	0.0452	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166386	0.08274	3.84	3.84	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166386	0.06287	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166386	0.05272	3.96	3.96	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166386	0.04679	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166386	0.0424	3.91	3.91	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166386	0.03912	3.46	3.46	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166386	0.03552	3.3	3.3	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166386	0.03218	3.17	3.17	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166386	0.0292	3.04	3.04	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166386	0.02655	2.93	2.93	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166386	0.02429	3.02	3.02	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166386	0.02257	3.26	3.26	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166386	0.02148	3.45	3.45	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166386	0.02104	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166386	0.02136	3.25	3.25	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166386	0.02237	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166386	0.02434	3.6	3.6	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166386	0.02789	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166386	0.03399	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166386	0.06482	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166386	0.0558	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166386	0.0493	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166386	0.04428	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166386	0.03994	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166386	0.03645	3.76	3.76	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166386	0.03355	4.08	4.08	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166386	0.03121	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	551764.8	4166406	0.00478	4.89	4.89	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166406	0.0063	4.43	4.43	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166406	0.00727	4.46	4.46	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166406	0.00853	4.25	4.25	1.5	ANNUAL	PM25_29	5

UCART1	551864.8	4166406	0.01026	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166406	0.01231	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166406	0.01522	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166406	0.01945	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166406	0.02599	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166406	0.03897	3.95	3.95	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166406	0.07084	3.79	3.79	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166406	0.05657	3.82	3.82	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166406	0.04778	3.78	3.78	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166406	0.04182	3.79	3.79	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166406	0.03783	3.45	3.45	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166406	0.03448	3.19	3.19	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166406	0.03166	3.05	3.05	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166406	0.02931	2.95	2.95	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166406	0.02718	2.86	2.86	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166406	0.02519	2.92	2.92	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166406	0.02358	3.19	3.19	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166406	0.02265	3.45	3.45	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166406	0.02259	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166406	0.02353	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166406	0.02536	3.45	3.45	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166406	0.02843	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166406	0.03312	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166406	0.04026	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166406	0.06906	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166406	0.05967	2.99	2.99	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166406	0.05273	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166406	0.04731	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166406	0.04258	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166406	0.03862	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166406	0.03542	4.17	4.17	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166406	0.03276	4.07	4.07	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166426	0.00617	4.47	4.47	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166426	0.00706	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166426	0.0082	4.45	4.45	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166426	0.00978	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166426	0.0116	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166426	0.01416	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166426	0.01775	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166426	0.02294	3.87	3.87	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166426	0.03218	3.92	3.92	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166426	0.07892	3.69	3.69	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166426	0.06089	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166426	0.05028	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166426	0.04338	3.68	3.68	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166426	0.03881	3.46	3.46	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166426	0.03548	3.13	3.13	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166426	0.03277	3.01	3.01	1.5	ANNUAL	PM25_29	5

Term131S	552144.8	4166426	0.0307	2.96	2.96	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166426	0.02901	2.86	2.86	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166426	0.02734	2.88	2.88	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166426	0.02577	3.17	3.17	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166426	0.02502	3.47	3.47	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166426	0.02567	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166426	0.02781	3.27	3.27	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166426	0.0314	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166426	0.03613	3.56	3.56	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166426	0.04194	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166426	0.04962	3.07	3.07	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166426	0.07396	2.98	2.98	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166426	0.06389	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166426	0.05639	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166426	0.05048	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166426	0.04524	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166426	0.04084	3.92	3.92	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166426	0.03734	3.99	3.99	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166426	0.03424	4.12	4.12	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166446	0.00694	4.03	4.03	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166446	0.00801	3.96	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166446	0.00939	3.65	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166446	0.0111	3.6	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166446	0.01335	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166446	0.01642	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166446	0.0208	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166446	0.02795	3.87	3.87	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166446	0.04389	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166446	0.06583	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166446	0.05342	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166446	0.04571	3.82	3.82	1.5	ANNUAL	PM25_29	5
Term131S	552084.8	4166446	0.04101	3.47	3.47	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166446	0.03758	3.21	3.21	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166446	0.03491	3.22	3.22	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166446	0.03302	3.25	3.25	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166446	0.03196	3.12	3.12	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166446	0.03126	2.94	2.94	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166446	0.03019	3.22	3.22	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166446	0.03004	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166446	0.03226	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166446	0.0375	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166446	0.0442	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166446	0.05015	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166446	0.05561	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166446	0.06231	3.09	3.09	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166446	0.07893	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166446	0.0683	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166446	0.06028	2.89	2.89	1.5	ANNUAL	PM25_29	5

UCART1	552484.8	4166446	0.05373	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166446	0.0478	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166446	0.04305	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166446	0.0391	3.86	3.86	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166446	0.03563	4.01	4.01	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166466	0.0067	4.37	4.37	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166466	0.0076	4.91	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166466	0.00863	5.72	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166466	0.01016	5.25	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166466	0.0124	4.08	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166466	0.01533	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166466	0.0191	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166466	0.02492	3.83	3.83	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166466	0.03635	3.75	3.75	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166466	0.07207	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166466	0.05771	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166466	0.04915	3.73	3.73	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166466	0.04374	3.65	3.65	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166466	0.04043	3.36	3.36	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166466	0.03813	3.34	3.34	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166466	0.03677	3.38	3.38	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166466	0.03669	3.27	3.27	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166466	0.03796	3	3	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166466	0.03966	3.18	3.18	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166466	0.04167	3.42	3.42	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166466	0.05076	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552264.8	4166466	0.06237	3.43	3.43	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166466	0.06929	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166466	0.07219	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166466	0.07449	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166466	0.07851	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166466	0.08454	3.25	3.25	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166466	0.07293	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166466	0.06409	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166466	0.05683	2.81	2.81	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166466	0.05029	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166466	0.04506	3.61	3.61	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166466	0.04066	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166486	0.00643	4.93	4.93	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166486	0.00717	6.14	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166486	0.00783	8.08	8.08	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166486	0.00929	7.1	7.1	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166486	0.01155	4.75	7.05	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166486	0.0144	3.32	7.05	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166486	0.01771	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166486	0.02264	3.78	3.78	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166486	0.03162	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166486	0.08017	3.71	3.71	1.5	ANNUAL	PM25_29	5

UCART1	552044.8	4166486	0.06264	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166486	0.05327	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166486	0.04697	3.86	3.86	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166486	0.04401	3.54	3.54	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166486	0.0426	3.39	3.39	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166486	0.0426	3.4	3.4	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166486	0.04475	3.37	3.37	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166486	0.05085	3.06	3.06	1.5	ANNUAL	PM25_29	5
Term131S	552204.8	4166486	0.06139	3.06	3.06	1.5	ANNUAL	PM25_29	5
Term131S	552224.8	4166486	0.10032	3.27	3.27	1.5	ANNUAL	PM25_29	5
Term131S	552244.8	4166486	0.11646	3.4	3.4	1.5	ANNUAL	PM25_29	5
Term131S	552264.8	4166486	0.11518	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166486	0.11001	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166486	0.10394	3.56	3.56	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166486	0.09998	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166486	0.09831	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166486	0.09068	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166486	0.07758	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166486	0.06764	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166486	0.05965	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166486	0.05262	3.23	3.23	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166486	0.04682	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166486	0.04204	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166506	0.00624	4.76	4.76	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166506	0.00699	5.64	5.64	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166506	0.00776	7	7	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166506	0.00929	5.3	8.39	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166506	0.01118	4.02	7.05	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166506	0.01354	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166506	0.01662	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166506	0.02101	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166506	0.02858	3.49	3.49	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166506	0.04524	3.46	3.46	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166506	0.08769	3.56	3.56	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166506	0.06678	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166506	0.05723	3.47	3.47	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166506	0.05189	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166506	0.04923	3.49	3.49	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166506	0.04935	3.41	3.41	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166506	0.0534	3.37	3.37	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166506	0.06279	3.37	3.37	1.5	ANNUAL	PM25_29	5
Term131S	552184.8	4166506	0.08068	3.18	3.18	1.5	ANNUAL	PM25_29	5
Term131S	552264.8	4166506	0.22232	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166506	0.17902	3.34	3.34	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166506	0.15214	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166506	0.13213	3.35	3.35	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166506	0.12089	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166506	0.09671	3.13	3.13	1.5	ANNUAL	PM25_29	5

UCART1	552444.8	4166506	0.08218	3.17	3.17	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166506	0.07114	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166506	0.06228	2.84	2.84	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166506	0.05459	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166506	0.04826	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166506	0.04305	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166526	0.00609	4.47	4.47	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166526	0.00682	5.15	5.15	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166526	0.00767	5.83	5.83	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166526	0.00904	4.58	4.58	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166526	0.01069	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166526	0.01278	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166526	0.01559	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166526	0.01957	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166526	0.0262	3.52	3.52	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166526	0.03971	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166526	0.07038	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166526	0.06051	3.61	3.61	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166526	0.0574	3.47	3.47	1.5	ANNUAL	PM25_29	5
Term131S	552104.8	4166526	0.05742	3.5	3.5	1.5	ANNUAL	PM25_29	5
Term131S	552124.8	4166526	0.0645	3.41	3.41	1.5	ANNUAL	PM25_29	5
Term131S	552144.8	4166526	0.08947	3.34	3.34	1.5	ANNUAL	PM25_29	5
Term131S	552164.8	4166526	0.13074	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166526	0.29793	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166526	0.20988	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166526	0.1669	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166526	0.14534	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166526	0.10194	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166526	0.08623	3	3	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166526	0.07418	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166526	0.06449	2.73	2.73	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166526	0.05622	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166526	0.04938	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166526	0.03912	4.08	4.08	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166546	0.00595	4.12	4.12	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166546	0.00666	4.64	4.64	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166546	0.00757	4.64	4.64	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166546	0.00868	4.55	4.55	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166546	0.01017	4.09	4.09	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166546	0.0121	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166546	0.01467	3.63	3.63	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166546	0.01836	3.65	3.65	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166546	0.02424	3.72	3.72	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166546	0.03555	3.74	3.74	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166546	0.07414	3.8	3.8	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166546	0.06303	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166546	0.06208	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166546	0.37904	3.25	3.25	1.5	ANNUAL	PM25_29	5

UCART1	552304.8	4166546	0.25937	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166546	0.19993	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166546	0.17029	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166546	0.10617	2.82	2.82	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166546	0.08947	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166546	0.07652	2.63	2.63	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166546	0.06614	2.56	2.56	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166546	0.05745	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166546	0.05013	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166546	0.03958	3.87	3.87	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166566	0.00581	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166566	0.00654	3.85	3.85	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166566	0.00738	4.08	4.08	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166566	0.00841	4.2	4.2	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166566	0.0098	3.87	3.87	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166566	0.0116	3.62	3.62	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166566	0.01398	3.6	3.6	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166566	0.01743	3.59	3.59	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166566	0.02276	3.69	3.69	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166566	0.03263	3.64	3.64	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166566	0.07913	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166566	0.06735	3.33	3.33	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166566	0.0686	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166566	0.29637	3.09	3.09	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166566	0.22662	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166566	0.19214	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166566	0.10866	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166566	0.09113	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166566	0.07765	2.62	2.62	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166566	0.06683	2.61	2.61	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166566	0.05773	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166566	0.0445	3.81	3.81	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166566	0.0397	3.9	3.9	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166586	0.00638	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166586	0.00718	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166586	0.00816	3.82	3.82	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166586	0.00946	3.67	3.67	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166586	0.01114	3.54	3.54	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166586	0.01341	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166586	0.01667	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166586	0.02158	3.51	3.51	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166586	0.03034	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166586	0.04026	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166586	0.08484	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166586	0.07156	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166586	0.07391	3.09	3.09	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166586	0.10386	3.24	3.24	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166586	0.33255	3	3	1.5	ANNUAL	PM25_29	5

UCART1	552324.8	4166586	0.24815	2.83	2.83	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166586	0.20665	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166586	0.10964	2.73	2.73	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166586	0.09157	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166586	0.07775	2.62	2.62	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166586	0.06665	2.73	2.73	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166586	0.05737	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166586	0.04435	3.86	3.86	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166586	0.03957	3.93	3.93	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166606	0.0049	4.01	4.01	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166606	0.00621	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166606	0.00698	3.38	3.38	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166606	0.00794	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166606	0.00915	3.49	3.49	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166606	0.01073	3.49	3.49	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166606	0.01291	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166606	0.01603	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166606	0.02064	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166606	0.02854	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166606	0.04567	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166606	0.06903	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166606	0.07538	3.26	3.26	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166606	0.07544	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166606	0.10039	3.23	3.23	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166606	0.36652	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166606	0.26679	2.71	2.71	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166606	0.21264	2.74	2.74	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166606	0.13357	2.47	2.47	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166606	0.10912	2.54	2.54	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166606	0.09094	2.55	2.55	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166606	0.07697	2.58	2.58	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166606	0.06575	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166606	0.04968	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166606	0.04387	3.86	3.86	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166606	0.03921	3.88	3.88	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166626	0.00478	4.01	4.01	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166626	0.00604	3.04	3.04	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166626	0.00681	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166626	0.00774	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166626	0.00889	3.29	3.29	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166626	0.01038	3.44	3.44	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166626	0.01242	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166626	0.01538	3.11	3.11	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166626	0.01977	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166626	0.0269	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166626	0.04125	2.93	2.93	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166626	0.08	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166626	0.07761	3.28	3.28	1.5	ANNUAL	PM25_29	5

UCART1	552104.8	4166626	0.0973	3.07	3.07	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166626	0.39821	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166626	0.28088	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166626	0.21414	2.76	2.76	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166626	0.13052	2.45	2.45	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166626	0.10669	2.48	2.48	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166626	0.08902	2.46	2.46	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166626	0.07518	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166626	0.06412	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166626	0.04885	3.37	3.37	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166626	0.04325	3.58	3.58	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166626	0.0387	3.71	3.71	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166646	0.00469	3.84	3.84	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166646	0.00588	3.16	3.16	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166646	0.00665	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166646	0.00756	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166646	0.00867	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166646	0.01009	3.41	3.41	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166646	0.01203	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166646	0.01485	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166646	0.01897	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166646	0.02552	2.97	2.97	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166646	0.03802	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166646	0.08413	2.65	2.65	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166646	0.07917	3.06	3.06	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166646	0.09335	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166646	0.39358	2.96	2.96	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166646	0.27519	2.66	2.66	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166646	0.20885	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166646	0.1255	2.44	2.44	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166646	0.1029	2.43	2.43	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166646	0.08595	2.42	2.42	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166646	0.07244	2.79	2.79	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166646	0.05375	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166646	0.04763	3.18	3.18	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166646	0.04236	3.32	3.32	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166646	0.038	3.55	3.55	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166666	0.00461	3.48	3.48	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166666	0.00571	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166666	0.0065	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166666	0.00739	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166666	0.00846	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166666	0.00985	3.42	3.42	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166666	0.01174	3.36	3.36	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166666	0.01443	3.13	3.13	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166666	0.01826	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166666	0.02434	3.19	3.19	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166666	0.0354	3	3	1.5	ANNUAL	PM25_29	5

UCART1	552064.8	4166666	0.0878	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166666	0.08018	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166666	0.08932	2.86	2.86	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166666	0.36283	3.01	3.01	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166666	0.25634	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166666	0.19364	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166666	0.11895	2.45	2.45	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166666	0.09786	2.33	2.33	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166666	0.08157	2.48	2.48	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166666	0.0688	2.95	2.95	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166666	0.05175	3.31	3.31	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166666	0.04603	3.1	3.1	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166666	0.04109	3.4	3.4	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166666	0.0371	3.53	3.53	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166686	0.00451	3.57	3.57	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166686	0.00634	3	3	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166686	0.00723	2.91	2.91	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166686	0.00831	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166686	0.00968	3.22	3.22	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166686	0.01153	3.2	3.2	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166686	0.01416	3.02	3.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166686	0.01794	2.92	2.92	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166686	0.02365	2.97	2.97	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166686	0.03339	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166686	0.04966	2.85	2.85	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166686	0.09259	2.78	2.78	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166686	0.08111	2.77	2.77	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166686	0.08542	2.77	2.77	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166686	0.11222	3.02	3.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166686	0.31699	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166686	0.22446	2.57	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166686	0.17855	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166686	0.1104	2.54	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166686	0.09076	2.47	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166686	0.0759	2.66	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166686	0.056	3.19	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166686	0.04951	3.09	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166686	0.04426	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166686	0.0398	3.35	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166686	0.03614	3.47	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166706	0.00442	3.5	3.5	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166706	0.00489	3.66	3.66	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166706	0.0062	3.12	3.12	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166706	0.00709	2.9	2.9	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166706	0.00818	2.94	2.94	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166706	0.00955	3.05	3.05	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166706	0.01139	3.08	3.08	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166706	0.01396	2.92	2.92	1.5	ANNUAL	PM25_29	5

UCART1	551984.8	4166706	0.01765	2.72	2.72	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166706	0.02299	2.8	2.8	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166706	0.0316	2.89	2.89	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166706	0.04932	2.88	2.88	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166706	0.08265	2.67	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166706	0.08255	2.79	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166706	0.09388	3	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166706	0.22106	2.45	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166706	0.19714	2.46	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166706	0.26772	2.57	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166706	0.24748	2.51	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552324.8	4166706	0.19756	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552344.8	4166706	0.17125	2.69	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166706	0.09981	2.62	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166706	0.08239	2.71	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552444.8	4166706	0.06957	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166706	0.05288	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166706	0.04729	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166706	0.04258	3.06	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166706	0.03862	3.24	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166706	0.03522	3.38	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551804.8	4166726	0.00436	3.14	3.14	1.5	ANNUAL	PM25_29	5
UCART1	551824.8	4166726	0.00481	3.39	3.39	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166726	0.00607	3.28	3.28	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166726	0.00698	2.88	2.88	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166726	0.00807	2.83	2.83	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166726	0.00945	2.98	2.98	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166726	0.01126	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166726	0.01378	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166726	0.01724	2.85	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166726	0.02224	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166726	0.02995	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166726	0.04458	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166726	0.08468	2.57	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166726	0.07884	3.06	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166726	0.08303	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166726	0.10872	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166726	0.21926	2.73	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166726	0.14868	2.47	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166726	0.13479	2.29	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166726	0.13332	2.34	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166726	0.13937	2.41	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166726	0.14976	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166726	0.16187	2.33	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166726	0.1659	2.37	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166726	0.08872	2.54	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166726	0.07357	3.07	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166726	0.05012	2.82	320.02	1.5	ANNUAL	PM25_29	5

UCART1	552504.8	4166726	0.04546	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166726	0.04129	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166726	0.03757	3.19	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166726	0.03437	3.2	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166746	0.00598	3.33	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166746	0.0069	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166746	0.008	2.72	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166746	0.0094	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166746	0.01119	2.93	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166746	0.01358	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166746	0.01685	2.93	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166746	0.02149	2.84	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166746	0.02849	2.82	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166746	0.04098	2.8	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166746	0.0864	2.64	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166746	0.07626	3.16	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166746	0.07534	3.29	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166746	0.08639	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166746	0.11904	2.82	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166746	0.10059	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166746	0.09451	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166746	0.0932	2.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166746	0.09394	2.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166746	0.09561	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166746	0.09937	2.3	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166746	0.10518	2.35	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166746	0.07734	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166746	0.06553	3.27	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166746	0.05298	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166746	0.04858	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166746	0.04435	2.76	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166746	0.04015	3.16	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166746	0.03638	3.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166746	0.03333	3.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166766	0.00521	3.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166766	0.00684	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166766	0.00795	2.68	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166766	0.00935	2.71	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166766	0.01112	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166766	0.01335	3.16	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166766	0.01646	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166766	0.02073	2.89	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166766	0.02709	2.81	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166766	0.03786	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166766	0.08855	2.73	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166766	0.07475	3.13	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166766	0.0696	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166766	0.07025	3.02	320.02	1.5	ANNUAL	PM25_29	5

UCART1	552164.8	4166766	0.07062	2.94	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166766	0.06977	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166766	0.06974	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166766	0.06994	2.6	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166766	0.07012	2.54	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166766	0.07066	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166766	0.07239	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166766	0.07628	2.4	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166766	0.06833	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166766	0.0608	3.35	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166766	0.05364	2.72	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166766	0.04889	2.69	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166766	0.04393	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166766	0.03921	3.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166766	0.03519	4.2	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166766	0.0322	3.92	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166786	0.00517	3.63	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166786	0.00679	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166786	0.0079	2.83	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166786	0.00926	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166786	0.01095	3.1	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166786	0.01305	3.46	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166786	0.01606	2.97	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166786	0.01992	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166786	0.02558	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166786	0.03484	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166786	0.05015	2.8	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552084.8	4166786	0.09187	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166786	0.07471	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166786	0.06582	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166786	0.06122	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166786	0.05863	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166786	0.057	2.9	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166786	0.05666	2.54	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166786	0.05631	2.51	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166786	0.05624	2.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166786	0.05662	2.68	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166786	0.05801	2.69	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166786	0.06212	2.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166786	0.05885	2.63	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166786	0.05043	2.82	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166786	0.04379	3.25	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166786	0.03871	3.55	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166786	0.03461	3.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166786	0.03144	3.77	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166806	0.00515	3.63	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166806	0.00673	3.38	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166806	0.00781	3.23	320.02	1.5	ANNUAL	PM25_29	5

UCART1	551924.8	4166806	0.00913	3.22	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166806	0.01076	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166806	0.01283	3.37	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166806	0.01565	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166806	0.01919	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166806	0.02419	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166806	0.03213	2.93	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166806	0.04816	2.83	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166806	0.07459	2.82	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166806	0.06317	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166806	0.05649	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166806	0.05232	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166806	0.04988	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166806	0.04886	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166806	0.04793	2.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166806	0.04761	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166806	0.04795	2.7	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166806	0.04946	2.73	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166806	0.05412	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166806	0.08004	3.47	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166806	0.07389	2.98	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166806	0.06308	2.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166806	0.0517	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166806	0.04389	3.17	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166806	0.0384	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166806	0.03408	3.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166806	0.03077	3.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166826	0.00514	3.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551884.8	4166826	0.00667	3.73	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166826	0.00771	3.69	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166826	0.00898	3.63	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166826	0.01056	3.52	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166826	0.01257	3.21	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166826	0.01518	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166826	0.01842	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166826	0.02284	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166826	0.02962	2.96	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166826	0.04248	2.85	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166826	0.07514	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166826	0.06178	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166826	0.05375	3.18	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166826	0.04863	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166826	0.04539	3.11	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166826	0.04383	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166826	0.04257	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166826	0.04207	2.59	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166826	0.04243	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166826	0.04421	2.62	320.02	1.5	ANNUAL	PM25_29	5

UCART1	552304.8	4166826	0.04943	2.45	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166826	0.0705	3.92	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166826	0.06586	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166826	0.06122	2.42	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166826	0.05099	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166826	0.04345	2.71	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166826	0.03785	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166826	0.03341	3.25	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552564.8	4166826	0.03007	3.18	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551844.8	4166846	0.00515	3.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551864.8	4166846	0.00584	3.53	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551904.8	4166846	0.00761	3.96	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551924.8	4166846	0.00882	3.9	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551944.8	4166846	0.01032	3.68	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551964.8	4166846	0.01218	3.42	320.02	1.5	ANNUAL	PM25_29	5
UCART1	551984.8	4166846	0.01458	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552004.8	4166846	0.01756	2.92	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552024.8	4166846	0.02146	3	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552044.8	4166846	0.02727	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552064.8	4166846	0.03787	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552104.8	4166846	0.07761	2.67	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552124.8	4166846	0.0622	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552144.8	4166846	0.05268	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552164.8	4166846	0.04656	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552184.8	4166846	0.04253	3.18	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552204.8	4166846	0.04041	2.78	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552224.8	4166846	0.03901	2.62	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552244.8	4166846	0.03842	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552264.8	4166846	0.03882	2.51	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552284.8	4166846	0.04086	2.5	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552304.8	4166846	0.04658	2.44	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552404.8	4166846	0.06911	2.41	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552424.8	4166846	0.06309	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552464.8	4166846	0.05891	2.46	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552484.8	4166846	0.0492	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552504.8	4166846	0.04203	2.79	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552524.8	4166846	0.03666	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART1	552544.8	4166846	0.03246	3.04	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551904.6	4166869	0.0075	4.03	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551924.6	4166869	0.00862	4.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166869	0.01	3.81	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166869	0.01169	3.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166869	0.01379	3.22	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166869	0.01648	2.92	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166869	0.01986	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166869	0.02477	3.06	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166869	0.03347	2.84	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166869	0.04195	2.67	320.02	1.5	ANNUAL	PM25_29	5

UCART2	552104.6	4166869	0.08118	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166869	0.06324	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166869	0.05236	2.96	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166869	0.0453	3.04	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166869	0.04066	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166869	0.03787	3.03	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166869	0.03626	2.8	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166869	0.03562	2.59	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166869	0.03613	2.47	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166869	0.03843	2.45	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552304.6	4166869	0.0448	2.45	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166869	0.06141	2.66	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166869	0.06634	2.02	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166869	0.06066	2.48	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552464.6	4166869	0.05677	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166869	0.0473	2.66	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166869	0.04038	2.85	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552524.6	4166869	0.03519	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552544.6	4166869	0.03123	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551884.6	4166889	0.00655	3.59	356.4	1.5	ANNUAL	PM25_29	5
UCART2	551924.6	4166889	0.00844	4.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166889	0.00971	3.83	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166889	0.01126	3.51	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166889	0.01311	3.33	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166889	0.01552	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166889	0.01853	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166889	0.02287	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166889	0.03035	2.83	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166889	0.04762	2.75	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552104.6	4166889	0.08558	2.97	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166889	0.06456	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166889	0.0526	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166889	0.04483	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166889	0.03982	3.07	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166889	0.03648	3.2	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166889	0.03463	3.02	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166889	0.03397	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166889	0.03459	2.55	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166889	0.03713	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552304.6	4166889	0.04429	2.52	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166889	0.07519	2.72	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166889	0.06335	2.57	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166889	0.05867	2.6	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552464.6	4166889	0.05493	2.61	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166889	0.0457	2.7	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166889	0.03894	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552524.6	4166889	0.03384	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551924.6	4166909	0.00823	3.97	356.4	1.5	ANNUAL	PM25_29	5

UCART2	551944.6	4166909	0.00941	3.62	356.4	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166909	0.0108	3.34	356.4	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166909	0.01244	3.25	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166909	0.01451	3.13	345.72	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166909	0.01726	3.09	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166909	0.02118	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166909	0.02755	2.99	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166909	0.04101	2.94	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166909	0.0668	2.94	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166909	0.05339	3.07	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166909	0.04489	3.11	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166909	0.03949	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166909	0.03585	3.1	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166909	0.03365	3.17	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166909	0.03275	3.15	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166909	0.0333	3.12	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166909	0.03606	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552304.6	4166909	0.04422	2.87	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166909	0.0725	2.72	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166909	0.06081	2.84	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166909	0.05644	2.91	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552464.6	4166909	0.05315	2.7	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166909	0.0443	2.58	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166909	0.03764	2.79	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552524.6	4166909	0.03264	3.04	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551904.6	4166929	0.00711	3.93	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551924.6	4166929	0.008	3.89	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166929	0.00904	3.65	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166929	0.01025	3.52	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166929	0.01175	3.22	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166929	0.01359	3.18	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166929	0.01604	3.14	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166929	0.01959	3.08	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166929	0.02522	3.03	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166929	0.03624	2.98	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166929	0.06952	2.95	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166929	0.05475	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166929	0.04543	3.11	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166929	0.0394	3.14	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166929	0.03542	3.29	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166929	0.03307	3.4	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166929	0.03209	3.48	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166929	0.03269	3.5	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166929	0.03577	3.43	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552304.6	4166929	0.04484	3.36	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166929	0.06886	2.77	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166929	0.05807	2.93	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166929	0.05432	3	320.02	1.5	ANNUAL	PM25_29	5

UCART2	552464.6	4166929	0.05136	2.83	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166929	0.04286	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166929	0.03637	2.7	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166949	0.00863	3.84	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166949	0.00967	3.8	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166949	0.01106	3.23	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166949	0.0127	3.19	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166949	0.01489	3.21	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166949	0.01811	3.15	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166949	0.0232	3.03	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166949	0.03251	2.97	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166949	0.07287	2.98	345.72	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166949	0.05652	3.04	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166949	0.04635	3.11	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166949	0.03962	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166949	0.03532	3.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166949	0.03287	3.63	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166949	0.03193	3.7	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166949	0.03279	3.64	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166949	0.03644	3.57	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166949	0.06475	2.84	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166949	0.05528	2.86	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166949	0.05237	2.88	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552464.6	4166949	0.04954	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552484.6	4166949	0.04141	2.53	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552504.6	4166949	0.03513	2.62	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551944.6	4166969	0.00817	4.26	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166969	0.00915	3.85	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166969	0.01035	3.49	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166969	0.01182	3.35	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166969	0.01379	3.37	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166969	0.0167	3.28	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166969	0.02126	3.16	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4166969	0.02912	3.3	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166969	0.07704	3.09	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166969	0.05828	3.29	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4166969	0.04744	3.24	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4166969	0.04078	2.91	345.72	1.5	ANNUAL	PM25_29	5
UCART2	552284.6	4166969	0.03965	2.19	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166969	0.06076	3.01	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166969	0.05231	3.05	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166969	0.04968	3.54	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4166989	0.00861	4.16	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4166989	0.00969	3.67	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4166989	0.01101	3.5	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4166989	0.01278	3.48	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4166989	0.01537	3.41	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4166989	0.01942	3.34	356.88	1.5	ANNUAL	PM25_29	5

UCART2	552084.6	4166989	0.0263	3.5	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552104.6	4166989	0.04298	3.14	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552124.6	4166989	0.08299	3.09	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4166989	0.06176	2.83	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4166989	0.03752	2.19	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4166989	0.03417	3.33	345.72	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4166989	0.03392	3.13	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4166989	0.03663	2.47	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552364.6	4166989	0.07056	3.32	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552384.6	4166989	0.05763	2.74	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552404.6	4166989	0.04966	3.08	320.02	1.5	ANNUAL	PM25_29	5
UCART2	552424.6	4166989	0.04783	3.48	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551964.6	4167009	0.00804	4.62	356.88	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4167009	0.00906	3.8	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4167009	0.01027	3.64	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4167009	0.01188	3.55	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4167009	0.01414	3.54	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4167009	0.01765	3.56	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4167009	0.02379	3.58	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552104.6	4167009	0.03696	3.57	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4167009	0.04227	3.64	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4167009	0.03757	3.57	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4167009	0.03486	4.03	356.4	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4167009	0.03502	4.2	348.95	1.5	ANNUAL	PM25_29	5
UCART2	552264.6	4167009	0.03947	4.36	320.02	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4167029	0.00843	4.15	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4167029	0.00954	3.82	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4167029	0.01103	3.55	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4167029	0.01304	3.58	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4167029	0.01612	3.56	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552084.6	4167029	0.02198	2.77	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4167029	0.06788	3.29	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4167029	0.05362	3.03	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4167029	0.04363	3.98	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4167029	0.03898	3.96	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4167029	0.03727	3.93	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552244.6	4167029	0.03893	4.07	356.4	1.5	ANNUAL	PM25_29	5
UCART2	551984.6	4167049	0.00785	4.63	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552004.6	4167049	0.00889	3.92	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552024.6	4167049	0.01026	3.36	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552044.6	4167049	0.01215	3.04	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552064.6	4167049	0.01501	2.79	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552144.6	4167049	0.07208	3.84	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552164.6	4167049	0.05692	3.61	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552184.6	4167049	0.04684	4.13	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552204.6	4167049	0.04201	4.14	356.88	1.5	ANNUAL	PM25_29	5
UCART2	552224.6	4167049	0.04158	3.85	356.88	1.5	ANNUAL	PM25_29	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Num Years
UCART1	552064.8	4166026	0.00549	4.6	4.6	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166026	0.00608	4.06	4.06	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166026	0.00663	3.76	3.76	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166026	0.00711	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166026	0.00757	3.84	3.84	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166026	0.00806	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166026	0.00844	3.35	3.35	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166026	0.0088	3.16	3.16	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166026	0.00912	3	3	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166026	0.0094	2.93	2.93	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166026	0.00966	2.94	2.94	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166026	0.00996	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166026	0.01036	2.98	2.98	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166026	0.01096	3.02	3.02	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166026	0.012	2.88	2.88	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166026	0.01394	2.63	2.63	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166046	0.00734	3.83	3.83	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166046	0.00806	3.66	3.66	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166046	0.00865	3.73	3.73	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166046	0.00918	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166046	0.00965	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166046	0.01003	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166046	0.01031	3.46	3.46	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166046	0.01056	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166046	0.01075	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166046	0.0109	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166046	0.01105	3.04	3.04	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166046	0.01123	3.2	3.2	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166046	0.01164	3.03	3.03	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166046	0.01241	2.68	2.68	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166046	0.01378	2.44	2.44	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166046	0.01654	2.37	2.37	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166066	0.0063	4.58	4.58	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166066	0.00655	4.32	4.32	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166066	0.00676	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166066	0.00711	4.1	4.1	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166066	0.00763	3.84	3.84	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166066	0.00839	3.7	3.7	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166066	0.00926	3.7	3.7	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166066	0.0102	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166066	0.01098	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166066	0.01151	3.76	3.76	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166066	0.01196	3.7	3.7	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166066	0.01232	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166066	0.01251	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166066	0.01266	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166066	0.01269	3.29	3.29	1.5	ANNUAL	PM25_30	5

UCART1	552224.8	4166066	0.01263	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166066	0.01253	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166066	0.01248	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166066	0.01252	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166066	0.01296	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166066	0.01386	2.56	2.56	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166066	0.01561	2.3	2.3	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166066	0.01946	2.29	2.29	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166086	0.00774	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166086	0.00816	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166086	0.00872	4.65	4.65	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166086	0.00972	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166086	0.01111	3.82	3.82	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166086	0.01248	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166086	0.0136	3.65	3.65	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166086	0.01459	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166086	0.01518	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166086	0.01547	3.79	3.79	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166086	0.01571	3.73	3.73	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166086	0.01581	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166086	0.01569	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166086	0.01553	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166086	0.01516	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166086	0.01468	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166086	0.01424	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166086	0.01394	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166086	0.0138	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166086	0.0143	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166086	0.01533	2.59	2.59	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166086	0.01757	2.38	2.38	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166086	0.02241	2.34	2.34	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166086	0.04299	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166086	0.03451	3	3	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166086	0.02852	2.42	2.42	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166086	0.02393	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166086	0.02052	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166086	0.01796	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166106	0.00836	4.88	4.88	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166106	0.00911	4.68	4.68	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166106	0.00988	4.62	4.62	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166106	0.01069	4.94	4.94	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166106	0.01226	5.06	5.06	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166106	0.01487	4.8	4.8	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166106	0.01773	4.16	4.16	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166106	0.01972	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166106	0.02069	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166106	0.02118	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166106	0.02117	3.79	3.79	1.5	ANNUAL	PM25_30	5

UCART1	552104.8	4166106	0.02115	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166106	0.02093	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166106	0.02043	3.82	3.82	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166106	0.01973	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166106	0.01889	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166106	0.01788	2.54	2.54	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166106	0.01688	2.4	2.4	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166106	0.01608	2.44	2.44	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166106	0.01554	2.61	2.61	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166106	0.01521	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166106	0.01563	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166106	0.01679	2.78	2.78	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166106	0.01945	2.59	2.59	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166106	0.02505	2.47	2.47	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166106	0.04322	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166106	0.03502	2.84	2.84	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166106	0.02913	2.61	2.61	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166106	0.02472	2.68	2.68	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166106	0.02137	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166106	0.01879	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166126	0.00884	4.78	4.78	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166126	0.01048	4.77	4.77	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166126	0.01202	4.62	4.62	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166126	0.01362	4.62	4.62	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166126	0.01621	5	5	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166126	0.0211	5.31	5.31	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166126	0.02643	5.06	5.06	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166126	0.03028	4.41	4.41	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166126	0.03211	3.8	3.8	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166126	0.03221	3.46	3.46	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166126	0.03157	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166126	0.03048	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166126	0.02966	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166126	0.02845	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166126	0.02655	3.92	3.92	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166126	0.0244	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166126	0.02244	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166126	0.02055	2.4	2.4	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166126	0.01897	2.26	2.26	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166126	0.01779	2.26	2.26	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166126	0.01702	2.35	2.35	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166126	0.01665	2.93	2.93	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166126	0.017	2.78	2.78	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166126	0.01828	2.71	2.71	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166126	0.02118	2.58	2.58	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166126	0.02732	2.58	2.58	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166126	0.04337	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166126	0.03536	2.77	2.77	1.5	ANNUAL	PM25_30	5

UCART1	552504.8	4166126	0.02958	2.74	2.74	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166126	0.0253	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166126	0.02203	2.75	2.75	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166126	0.01951	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166146	0.00824	4.84	4.84	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166146	0.01031	4.67	4.67	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166146	0.0135	4.62	4.62	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166146	0.01766	4.54	4.54	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166146	0.02298	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166146	0.0365	4.83	4.83	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166146	0.04638	5.39	5.39	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166146	0.05153	5.1	5.1	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166146	0.05387	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166146	0.05443	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166146	0.05308	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166146	0.05004	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166146	0.04688	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166146	0.04367	3.6	3.6	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166146	0.03891	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166146	0.03366	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166146	0.02919	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166146	0.02596	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166146	0.02314	2.61	2.61	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166146	0.02099	2.65	2.65	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166146	0.01946	2.6	2.6	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166146	0.01847	2.45	2.45	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166146	0.01806	2.45	2.45	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166146	0.01836	2.53	2.53	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166146	0.01969	2.38	2.38	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166146	0.02273	2.35	2.35	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166146	0.02917	2.69	2.69	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166146	0.04364	2.64	2.64	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166146	0.03571	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166146	0.03001	2.81	2.81	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166146	0.02577	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166146	0.02259	2.87	2.87	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166146	0.02016	2.77	2.77	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166166	0.00731	4.89	4.89	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166166	0.00907	4.93	4.93	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166166	0.01179	4.86	4.86	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166166	0.017	4.75	4.75	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166166	0.09428	4.38	4.38	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166166	0.11609	4.46	4.46	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166166	0.10144	4.25	4.25	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166166	0.1091	3.97	3.97	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166166	0.10984	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166166	0.1029	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166166	0.09296	3.38	3.38	1.5	ANNUAL	PM25_30	5

UCART1	552084.8	4166166	0.08205	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166166	0.06532	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166166	0.05109	3.3	3.3	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166166	0.04114	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166166	0.03418	3.09	3.09	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166166	0.02923	2.82	2.82	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166166	0.02555	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166166	0.02286	2.98	2.98	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166166	0.02098	2.97	2.97	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166166	0.01982	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166166	0.0193	2.62	2.62	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166166	0.01952	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166166	0.02086	2.68	2.68	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166166	0.02397	2.59	2.59	1.5	ANNUAL	PM25_30	5
UCART1	552364.8	4166166	0.03051	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166166	0.05492	2.78	2.78	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166166	0.04397	2.15	2.15	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166166	0.03624	2.39	2.39	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166166	0.03043	2.93	2.93	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166166	0.02623	3.05	3.05	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166166	0.02313	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166166	0.02077	2.84	2.84	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166186	0.00633	4.79	4.79	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166186	0.00775	4.87	4.87	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166186	0.00986	4.91	4.91	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166186	0.01335	4.81	4.81	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166186	0.02062	4.68	4.68	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166186	0.10084	4.43	4.43	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166186	0.09154	4.41	4.41	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166186	0.09221	4.15	4.15	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166186	0.09594	3.85	3.85	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166186	0.10129	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166186	0.10833	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166186	0.10483	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166186	0.12114	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166186	0.0815	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166186	0.0599	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166186	0.04662	3.02	3.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166186	0.03785	3.01	3.01	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166186	0.03182	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166186	0.02752	3.04	3.04	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166186	0.02444	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166186	0.02229	3.13	3.13	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166186	0.02097	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166186	0.0204	2.43	2.43	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166186	0.02059	2.44	2.44	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166186	0.02189	2.5	2.5	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166186	0.02502	2.51	2.51	1.5	ANNUAL	PM25_30	5

UCART1	552364.8	4166186	0.03163	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166186	0.03102	2.75	2.75	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166186	0.02691	2.74	2.74	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166186	0.02377	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166186	0.02138	2.96	2.96	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166206	0.00655	4.8	4.8	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166206	0.00809	4.89	4.89	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166206	0.01056	4.78	4.78	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166206	0.01495	4.57	4.57	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166206	0.02405	4.46	4.46	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166206	0.10098	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166206	0.07909	4.84	4.84	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166206	0.07072	4.36	4.36	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166206	0.06729	3.85	3.85	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166206	0.06653	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166206	0.06805	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166206	0.07391	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166206	0.1077	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166206	0.08007	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166206	0.06133	3.26	3.26	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166206	0.04844	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166206	0.03936	3.61	3.61	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166206	0.03335	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166206	0.02889	3.16	3.16	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166206	0.02566	3.07	3.07	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166206	0.02336	3.03	3.03	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166206	0.02192	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166206	0.05558	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166206	0.04466	2.12	2.12	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166206	0.02754	1.62	1.62	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166206	0.02452	2.52	2.52	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166206	0.02203	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166226	0.00675	4.64	4.64	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166226	0.00852	4.4	4.4	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166226	0.01142	4.18	4.18	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166226	0.01646	4.27	4.27	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166226	0.07133	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166226	0.07774	4.66	4.66	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166226	0.06549	4.32	4.32	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166226	0.05884	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166226	0.05583	3.79	3.79	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166226	0.05674	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166226	0.06589	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166226	0.09655	3.69	3.69	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166226	0.07408	3.77	3.77	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166226	0.05905	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166226	0.04814	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166226	0.0399	3.5	3.5	1.5	ANNUAL	PM25_30	5

UCART1	552184.8	4166226	0.03402	3.3	3.3	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166226	0.05534	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166226	0.03221	2.68	2.68	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166226	0.02827	2.44	2.44	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166226	0.02291	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166246	0.00695	4.53	4.53	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166246	0.00893	4.09	4.09	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166246	0.01213	3.83	3.83	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166246	0.0171	4.17	4.17	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166246	0.0257	4.33	4.33	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166246	0.04362	4.45	4.45	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166246	0.05037	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166246	0.07805	4.58	4.58	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166246	0.06353	4.41	4.41	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166246	0.05549	4.19	4.19	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166246	0.05186	4.1	4.1	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166246	0.05322	3.97	3.97	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166246	0.06561	3.76	3.76	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166246	0.06929	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166246	0.09059	3.73	3.73	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166246	0.0706	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166246	0.05711	3.66	3.66	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166246	0.04749	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166246	0.04009	2.96	2.96	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166246	0.02674	2.05	2.05	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166246	0.02441	2.49	2.49	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166246	0.02276	3.16	3.16	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166246	0.02206	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166246	0.02224	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166246	0.02364	3.17	3.17	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166246	0.02697	3.13	3.13	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166246	0.07008	3.35	3.35	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166246	0.05511	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166246	0.04481	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166246	0.03776	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166246	0.03254	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166246	0.02869	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166246	0.02601	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166266	0.00718	4.46	4.46	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166266	0.00928	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166266	0.01246	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166266	0.01696	4.26	4.26	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166266	0.02491	4.33	4.33	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166266	0.04171	4.42	4.42	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166266	0.07869	4.6	4.6	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166266	0.0632	4.67	4.67	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166266	0.05464	4.56	4.56	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166266	0.05091	4.43	4.43	1.5	ANNUAL	PM25_30	5

UCART1	552024.8	4166266	0.05263	4.25	4.25	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166266	0.06608	3.92	3.92	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166266	0.08889	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166266	0.08916	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166266	0.06969	3.62	3.62	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166266	0.05641	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166266	0.04717	2.87	2.87	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166266	0.02973	2.78	2.78	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166266	0.02647	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166266	0.02427	3.13	3.13	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166266	0.02285	3.3	3.3	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166266	0.02223	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166266	0.0225	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166266	0.02403	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166266	0.02758	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166266	0.0702	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166266	0.05532	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166266	0.04521	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166266	0.0384	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166266	0.03327	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166266	0.02947	3.62	3.62	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166266	0.02672	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166266	0.0246	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166286	0.00741	4.36	4.36	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166286	0.00943	4.11	4.11	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166286	0.01224	4.23	4.23	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166286	0.01655	4.11	4.11	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166286	0.02362	4.18	4.18	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166286	0.03779	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166286	0.08513	4.49	4.49	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166286	0.06776	4.29	4.29	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166286	0.05739	4.28	4.28	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166286	0.05229	4.41	4.41	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166286	0.05342	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166286	0.06737	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166286	0.11973	3.56	3.56	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166286	0.08855	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166286	0.06957	3.49	3.49	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166286	0.0568	2.81	2.81	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166286	0.03338	2.55	2.55	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166286	0.02901	3.21	3.21	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166286	0.02605	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166286	0.02409	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166286	0.02287	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166286	0.02239	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166286	0.02279	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166286	0.02448	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166286	0.0283	3.25	3.25	1.5	ANNUAL	PM25_30	5

UCART1	552424.8	4166286	0.06988	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166286	0.05541	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166286	0.04571	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166286	0.03916	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166286	0.03419	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166286	0.0305	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166286	0.02775	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166286	0.02565	3.65	3.65	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166306	0.00511	5.27	5.27	1.5	ANNUAL	PM25_30	5
UCART1	551784.8	4166306	0.00614	4.78	4.78	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166306	0.00757	4.32	4.32	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166306	0.00944	4.26	4.26	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166306	0.01193	4.48	4.48	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166306	0.01596	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166306	0.02197	4	4	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166306	0.0325	4.2	4.2	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166306	0.05061	4.34	4.34	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166306	0.10195	4.36	4.36	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166306	0.07598	4.09	4.09	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166306	0.06226	4.13	4.13	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166306	0.05498	4.36	4.36	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166306	0.05476	4.29	4.29	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166306	0.06746	3.95	3.95	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166306	0.08787	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166306	0.09047	3.11	3.11	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166306	0.03729	3.31	3.31	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166306	0.03198	3.33	3.33	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166306	0.02811	3.61	3.61	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166306	0.02559	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166306	0.0239	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166306	0.02288	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166306	0.02257	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166306	0.02315	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166306	0.02505	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166306	0.0292	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166306	0.06942	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166306	0.05573	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166306	0.04651	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166306	0.04018	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166306	0.03536	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166306	0.03176	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166306	0.02902	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166306	0.0269	3.66	3.66	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166326	0.00528	4.79	4.79	1.5	ANNUAL	PM25_30	5
UCART1	551784.8	4166326	0.0063	4.51	4.51	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166326	0.00762	4.35	4.35	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166326	0.00932	4.39	4.39	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166326	0.01165	4.3	4.3	1.5	ANNUAL	PM25_30	5

UCART1	551864.8	4166326	0.01528	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166326	0.0202	3.77	3.77	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166326	0.02797	4.09	4.09	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166326	0.04312	4.26	4.26	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166326	0.08624	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166326	0.06821	4.31	4.31	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166326	0.05873	4.29	4.29	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166326	0.05637	4.19	4.19	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166326	0.06543	4.03	4.03	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166326	0.06687	3.79	3.79	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166326	0.05341	2.72	2.72	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166326	0.04272	2.98	2.98	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166326	0.03557	3.29	3.29	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166326	0.03074	3.47	3.47	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166326	0.02718	4.02	4.02	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166326	0.02509	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166326	0.02375	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166326	0.02297	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166326	0.02284	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166326	0.02366	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166326	0.02584	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166326	0.03039	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166326	0.0696	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166326	0.05679	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166326	0.04799	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166326	0.04172	3.03	3.03	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166326	0.03686	3.35	3.35	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166326	0.03332	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166326	0.03057	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166326	0.0283	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166346	0.00539	4.79	4.79	1.5	ANNUAL	PM25_30	5
UCART1	551784.8	4166346	0.00636	4.59	4.59	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166346	0.0075	5.05	5.05	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166346	0.0089	5.62	5.62	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166346	0.01098	5.2	5.2	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166346	0.01398	4.5	4.5	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166346	0.01828	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166346	0.02442	4.08	4.08	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166346	0.03491	4.28	4.28	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166346	0.04617	4.17	4.17	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166346	0.10217	4.15	4.15	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166346	0.07609	4.34	4.34	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166346	0.06326	4.32	4.32	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166346	0.05807	4.18	4.18	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166346	0.06238	4.03	4.03	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166346	0.08526	2.83	2.83	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166346	0.06147	2.89	2.89	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166346	0.04798	3.13	3.13	1.5	ANNUAL	PM25_30	5

Term131S	552144.8	4166346	0.03945	3.24	3.24	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166346	0.03372	3.2	3.2	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166346	0.02962	3.38	3.38	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166346	0.02662	3.78	3.78	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166346	0.02477	3.6	3.6	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166346	0.02365	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166346	0.02314	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166346	0.02326	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166346	0.02434	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166346	0.0269	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166346	0.03201	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166346	0.07021	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166346	0.05808	3.15	3.15	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166346	0.04971	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166346	0.04355	2.81	2.81	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166346	0.03858	3.3	3.3	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166346	0.03501	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166346	0.03209	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166346	0.02966	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166366	0.00546	4.82	4.82	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166366	0.0074	5.3	5.3	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166366	0.00862	6.04	6.04	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166366	0.01048	5.49	5.49	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166366	0.013	4.89	4.89	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166366	0.01671	4.05	4.05	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166366	0.02172	4.02	4.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166366	0.02957	4.2	4.2	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166366	0.04536	4.1	4.1	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166366	0.08659	4.23	4.23	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166366	0.0691	4.26	4.26	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166366	0.06049	4.13	4.13	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166366	0.05879	3.98	3.98	1.5	ANNUAL	PM25_30	5
Term131S	552064.8	4166366	0.06174	3.93	3.93	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166366	0.05751	3.53	3.53	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166366	0.04909	3.46	3.46	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166366	0.04181	3.4	3.4	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166366	0.03624	3.26	3.26	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166366	0.032	3.08	3.08	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166366	0.02869	3.2	3.2	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166366	0.02628	3.39	3.39	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166366	0.02464	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166366	0.02372	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166366	0.02353	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166366	0.02397	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166366	0.02541	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166366	0.02846	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166366	0.03436	3.15	3.15	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166366	0.07156	3.33	3.33	1.5	ANNUAL	PM25_30	5

UCART1	552444.8	4166366	0.05984	3.17	3.17	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166366	0.05174	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166366	0.04564	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166366	0.04047	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166366	0.03675	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166366	0.03357	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166366	0.031	3.68	3.68	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166386	0.00549	4.81	4.81	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166386	0.00742	4.48	4.48	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166386	0.00868	4.53	4.53	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166386	0.01038	4.19	4.19	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166386	0.01266	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166386	0.01559	3.75	3.75	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166386	0.01973	3.78	3.78	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166386	0.02601	3.86	3.86	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166386	0.03686	3.97	3.97	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166386	0.05527	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166386	0.10225	3.84	3.84	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166386	0.07708	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166386	0.06417	3.96	3.96	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166386	0.05656	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166386	0.05091	3.91	3.91	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166386	0.04667	3.46	3.46	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166386	0.04208	3.3	3.3	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166386	0.03786	3.17	3.17	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166386	0.03415	3.04	3.04	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166386	0.03094	2.93	2.93	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166386	0.02825	3.02	3.02	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166386	0.0262	3.26	3.26	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166386	0.02484	3.45	3.45	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166386	0.0242	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166386	0.02437	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166386	0.02525	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166386	0.02723	3.6	3.6	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166386	0.031	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166386	0.03785	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166386	0.07399	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166386	0.06237	3.04	3.04	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166386	0.05407	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166386	0.04777	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166386	0.04247	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166386	0.03831	3.76	3.76	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166386	0.03493	4.08	4.08	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166386	0.03227	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	551764.8	4166406	0.00547	4.89	4.89	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166406	0.00728	4.43	4.43	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166406	0.00845	4.46	4.46	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166406	0.00996	4.25	4.25	1.5	ANNUAL	PM25_30	5

UCART1	551864.8	4166406	0.01203	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166406	0.01451	3.83	3.83	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166406	0.01805	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166406	0.02321	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166406	0.03126	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166406	0.04735	3.95	3.95	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166406	0.08692	3.79	3.79	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166406	0.06874	3.82	3.82	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166406	0.05749	3.78	3.78	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166406	0.04981	3.79	3.79	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166406	0.04461	3.45	3.45	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166406	0.04027	3.19	3.19	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166406	0.03661	3.05	3.05	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166406	0.0336	2.95	2.95	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166406	0.03097	2.86	2.86	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166406	0.02865	2.92	2.92	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166406	0.02678	3.19	3.19	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166406	0.02561	3.45	3.45	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166406	0.02534	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166406	0.02606	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166406	0.02766	3.45	3.45	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166406	0.03058	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166406	0.03535	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166406	0.04318	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166406	0.07707	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166406	0.06526	2.99	2.99	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166406	0.05667	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166406	0.05011	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166406	0.04455	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166406	0.04001	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166406	0.03643	4.17	4.17	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166406	0.03352	4.07	4.07	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166426	0.00711	4.47	4.47	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166426	0.00818	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166426	0.00953	4.45	4.45	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166426	0.01142	3.75	3.75	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166426	0.0136	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166426	0.01669	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166426	0.02104	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166426	0.02738	3.87	3.87	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166426	0.03876	3.92	3.92	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166426	0.09689	3.69	3.69	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166426	0.0739	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166426	0.06027	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166426	0.05131	3.68	3.68	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166426	0.04531	3.46	3.46	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166426	0.04091	3.13	3.13	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166426	0.03728	3.01	3.01	1.5	ANNUAL	PM25_30	5

Term131S	552144.8	4166426	0.03448	2.96	2.96	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166426	0.03224	2.86	2.86	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166426	0.0302	2.88	2.88	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166426	0.02842	3.17	3.17	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166426	0.02744	3.47	3.47	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166426	0.02777	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166426	0.0295	3.27	3.27	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166426	0.03258	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166426	0.03688	3.56	3.56	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166426	0.04263	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166426	0.05105	3.07	3.07	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166426	0.08068	2.98	2.98	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166426	0.06842	3.01	3.01	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166426	0.05947	2.94	2.94	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166426	0.05258	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166426	0.04665	3.35	3.35	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166426	0.04179	3.92	3.92	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166426	0.038	3.99	3.99	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166426	0.03471	4.12	4.12	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166446	0.00802	4.03	4.03	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166446	0.00928	3.96	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166446	0.01092	3.65	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166446	0.01295	3.6	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166446	0.01565	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166446	0.01934	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166446	0.02465	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166446	0.03338	3.87	3.87	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166446	0.05309	3.75	3.75	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166446	0.07984	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166446	0.06383	3.83	3.83	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166446	0.05375	3.82	3.82	1.5	ANNUAL	PM25_30	5
Term131S	552084.8	4166446	0.04742	3.47	3.47	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166446	0.04277	3.21	3.21	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166446	0.03907	3.22	3.22	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166446	0.03634	3.25	3.25	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166446	0.03457	3.12	3.12	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166446	0.03331	2.94	2.94	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166446	0.03193	3.22	3.22	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166446	0.03146	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166446	0.03309	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166446	0.03734	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166446	0.04298	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166446	0.04832	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166446	0.05386	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166446	0.06163	3.09	3.09	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166446	0.08425	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166446	0.07174	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166446	0.0625	2.89	2.89	1.5	ANNUAL	PM25_30	5

UCART1	552484.8	4166446	0.05514	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166446	0.04866	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166446	0.04357	3.75	3.75	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166446	0.03942	3.86	3.86	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166446	0.03585	4.01	4.01	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166466	0.00772	4.37	4.37	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166466	0.00878	4.91	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166466	0.00999	5.72	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166466	0.0118	5.25	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166466	0.01445	4.08	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166466	0.01795	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166466	0.02248	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166466	0.02953	3.83	3.83	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166466	0.04355	3.75	3.75	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166466	0.08745	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166466	0.0688	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166466	0.05747	3.73	3.73	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166466	0.0501	3.65	3.65	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166466	0.04539	3.36	3.36	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166466	0.04194	3.34	3.34	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166466	0.03957	3.38	3.38	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166466	0.03852	3.27	3.27	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166466	0.03878	3	3	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166466	0.03958	3.18	3.18	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166466	0.04088	3.42	3.42	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166466	0.04802	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552264.8	4166466	0.05742	3.43	3.43	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166466	0.06331	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166466	0.06625	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166466	0.0693	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166466	0.07505	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166466	0.08846	3.25	3.25	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166466	0.07527	3.2	3.2	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166466	0.06545	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166466	0.05756	2.81	2.81	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166466	0.05063	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166466	0.04519	3.61	3.61	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166466	0.0407	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166486	0.0074	4.93	4.93	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166486	0.00826	6.14	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166486	0.00903	8.08	8.08	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166486	0.01074	7.1	7.1	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166486	0.01341	4.75	7.05	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166486	0.01677	3.32	7.05	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166486	0.02071	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166486	0.02664	3.78	3.78	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166486	0.03755	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166486	0.09744	3.71	3.71	1.5	ANNUAL	PM25_30	5

UCART1	552044.8	4166486	0.0746	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166486	0.0619	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166486	0.05323	3.86	3.86	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166486	0.04865	3.54	3.54	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166486	0.04593	3.39	3.39	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166486	0.04468	3.4	3.4	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166486	0.04532	3.37	3.37	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166486	0.04934	3.06	3.06	1.5	ANNUAL	PM25_30	5
Term131S	552204.8	4166486	0.05714	3.06	3.06	1.5	ANNUAL	PM25_30	5
Term131S	552224.8	4166486	0.08757	3.27	3.27	1.5	ANNUAL	PM25_30	5
Term131S	552244.8	4166486	0.10055	3.4	3.4	1.5	ANNUAL	PM25_30	5
Term131S	552264.8	4166486	0.09989	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166486	0.0962	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166486	0.09196	3.56	3.56	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166486	0.09005	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166486	0.09139	3.2	3.2	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166486	0.0932	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166486	0.0788	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166486	0.06812	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166486	0.05971	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166486	0.05248	3.23	3.23	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166486	0.0466	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166486	0.04183	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166506	0.00718	4.76	4.76	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166506	0.00805	5.64	5.64	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166506	0.00893	7	7	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166506	0.01072	5.3	8.39	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166506	0.01293	4.02	7.05	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166506	0.0157	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166506	0.01934	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166506	0.02457	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166506	0.03369	3.49	3.49	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166506	0.0541	3.46	3.46	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166506	0.10674	3.56	3.56	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166506	0.07946	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166506	0.06607	3.47	3.47	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166506	0.05796	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166506	0.05331	3.49	3.49	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166506	0.05175	3.41	3.41	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166506	0.05387	3.37	3.37	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166506	0.06047	3.37	3.37	1.5	ANNUAL	PM25_30	5
Term131S	552184.8	4166506	0.07368	3.18	3.18	1.5	ANNUAL	PM25_30	5
Term131S	552264.8	4166506	0.18529	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166506	0.15143	3.34	3.34	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166506	0.13069	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166506	0.11615	3.35	3.35	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166506	0.1101	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166506	0.09773	3.13	3.13	1.5	ANNUAL	PM25_30	5

UCART1	552444.8	4166506	0.08227	3.17	3.17	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166506	0.07079	3.01	3.01	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166506	0.06175	2.84	2.84	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166506	0.05403	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166506	0.04775	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166506	0.04264	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166526	0.007	4.47	4.47	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166526	0.00784	5.15	5.15	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166526	0.00883	5.83	5.83	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166526	0.01041	4.58	4.58	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166526	0.01233	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166526	0.01476	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166526	0.01806	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166526	0.02277	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166526	0.0307	3.52	3.52	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166526	0.04712	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166526	0.08379	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166526	0.06954	3.61	3.61	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166526	0.06298	3.47	3.47	1.5	ANNUAL	PM25_30	5
Term131S	552104.8	4166526	0.06026	3.5	3.5	1.5	ANNUAL	PM25_30	5
Term131S	552124.8	4166526	0.06416	3.41	3.41	1.5	ANNUAL	PM25_30	5
Term131S	552144.8	4166526	0.08289	3.34	3.34	1.5	ANNUAL	PM25_30	5
Term131S	552164.8	4166526	0.11553	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166526	0.24583	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166526	0.17705	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166526	0.14449	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166526	0.13065	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166526	0.10141	3.01	3.01	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166526	0.08525	3	3	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166526	0.07309	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166526	0.06346	2.73	2.73	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166526	0.05533	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166526	0.04866	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166526	0.03873	4.08	4.08	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166546	0.00684	4.12	4.12	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166546	0.00765	4.64	4.64	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166546	0.00869	4.64	4.64	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166546	0.00998	4.55	4.55	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166546	0.01169	4.09	4.09	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166546	0.01394	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166546	0.01692	3.63	3.63	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166546	0.02126	3.65	3.65	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166546	0.02824	3.72	3.72	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166546	0.0419	3.74	3.74	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166546	0.08839	3.8	3.8	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166546	0.0724	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166546	0.06726	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166546	0.3108	3.25	3.25	1.5	ANNUAL	PM25_30	5

UCART1	552304.8	4166546	0.21707	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166546	0.17162	3.04	3.04	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166546	0.15214	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166546	0.10428	2.82	2.82	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166546	0.08762	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166546	0.07488	2.63	2.63	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166546	0.06477	2.56	2.56	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166546	0.05635	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166546	0.04928	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166546	0.03914	3.87	3.87	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166566	0.00667	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166566	0.0075	3.85	3.85	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166566	0.00846	4.08	4.08	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166566	0.00965	4.2	4.2	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166566	0.01124	3.87	3.87	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166566	0.01331	3.62	3.62	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166566	0.01607	3.6	3.6	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166566	0.0201	3.59	3.59	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166566	0.02639	3.69	3.69	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166566	0.03821	3.64	3.64	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166566	0.09452	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166566	0.07737	3.33	3.33	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166566	0.07343	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166566	0.2473	3.09	3.09	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166566	0.19386	2.93	2.93	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166566	0.17157	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166566	0.10586	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166566	0.08875	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166566	0.07571	2.62	2.62	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166566	0.0653	2.61	2.61	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166566	0.05655	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166566	0.04385	3.81	3.81	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166566	0.03924	3.9	3.9	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166586	0.00731	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166586	0.00822	3.66	3.66	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166586	0.00935	3.82	3.82	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166586	0.01083	3.67	3.67	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166586	0.01276	3.54	3.54	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166586	0.01537	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166586	0.01916	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166586	0.02491	3.51	3.51	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166586	0.03532	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166586	0.04691	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166586	0.10153	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166586	0.08211	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166586	0.07851	3.09	3.09	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166586	0.09844	3.24	3.24	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166586	0.27681	3	3	1.5	ANNUAL	PM25_30	5

UCART1	552324.8	4166586	0.21205	2.83	2.83	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166586	0.18434	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166586	0.10649	2.73	2.73	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166586	0.08907	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166586	0.07581	2.62	2.62	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166586	0.06516	2.73	2.73	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166586	0.05624	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166586	0.04373	3.86	3.86	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166586	0.03913	3.93	3.93	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166606	0.00561	4.01	4.01	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166606	0.00711	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166606	0.00798	3.38	3.38	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166606	0.00908	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166606	0.01046	3.49	3.49	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166606	0.01226	3.49	3.49	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166606	0.01476	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166606	0.01837	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166606	0.02373	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166606	0.03304	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166606	0.05362	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166606	0.08139	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166606	0.08637	3.26	3.26	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166606	0.08037	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166606	0.09642	3.23	3.23	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166606	0.30452	2.96	2.96	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166606	0.22797	2.71	2.71	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166606	0.189	2.74	2.74	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166606	0.12978	2.47	2.47	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166606	0.10617	2.54	2.54	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166606	0.08868	2.55	2.55	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166606	0.07526	2.58	2.58	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166606	0.06445	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166606	0.04894	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166606	0.04333	3.86	3.86	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166606	0.03884	3.88	3.88	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166626	0.00547	4.01	4.01	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166626	0.00691	3.04	3.04	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166626	0.00778	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166626	0.00884	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166626	0.01014	3.29	3.29	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166626	0.01184	3.44	3.44	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166626	0.01416	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166626	0.01756	3.11	3.11	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166626	0.02263	2.96	2.96	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166626	0.03094	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166626	0.04793	2.93	2.93	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166626	0.09185	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166626	0.08321	3.28	3.28	1.5	ANNUAL	PM25_30	5

UCART1	552104.8	4166626	0.09482	3.07	3.07	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166626	0.33047	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166626	0.24045	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166626	0.19087	2.76	2.76	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166626	0.12746	2.45	2.45	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166626	0.10441	2.48	2.48	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166626	0.0873	2.46	2.46	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166626	0.07387	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166626	0.06312	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166626	0.04827	3.37	3.37	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166626	0.04284	3.58	3.58	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166626	0.03844	3.71	3.71	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166646	0.00535	3.84	3.84	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166646	0.0067	3.16	3.16	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166646	0.00758	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166646	0.00861	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166646	0.00986	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166646	0.01147	3.41	3.41	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166646	0.01366	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166646	0.01688	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166646	0.02159	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166646	0.02911	2.97	2.97	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166646	0.04369	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166646	0.09702	2.65	2.65	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166646	0.08569	3.06	3.06	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166646	0.09254	2.94	2.94	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166646	0.32839	2.96	2.96	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166646	0.23791	2.66	2.66	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166646	0.18812	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166646	0.12379	2.44	2.44	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166646	0.10164	2.43	2.43	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166646	0.08497	2.42	2.42	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166646	0.07166	2.79	2.79	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166646	0.05327	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166646	0.04728	3.18	3.18	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166646	0.04216	3.32	3.32	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166646	0.03792	3.55	3.55	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166666	0.00525	3.48	3.48	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166666	0.00649	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166666	0.00738	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166666	0.00839	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166666	0.00959	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166666	0.01115	3.42	3.42	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166666	0.01327	3.36	3.36	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166666	0.0163	3.13	3.13	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166666	0.0206	3.2	3.2	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166666	0.02749	3.19	3.19	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166666	0.04024	3	3	1.5	ANNUAL	PM25_30	5

UCART1	552064.8	4166666	0.10186	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166666	0.08783	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166666	0.09021	2.86	2.86	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166666	0.30692	3.01	3.01	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166666	0.22604	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166666	0.17793	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166666	0.11902	2.45	2.45	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166666	0.09782	2.33	2.33	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166666	0.08141	2.48	2.48	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166666	0.0686	2.95	2.95	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166666	0.05164	3.31	3.31	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166666	0.04601	3.1	3.1	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166666	0.04118	3.4	3.4	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166666	0.03729	3.53	3.53	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166686	0.00512	3.57	3.57	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166686	0.00718	3	3	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166686	0.00818	2.91	2.91	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166686	0.00938	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166686	0.01091	3.22	3.22	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166686	0.01297	3.2	3.2	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166686	0.01588	3.02	3.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166686	0.02009	2.92	2.92	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166686	0.02647	2.97	2.97	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166686	0.03759	2.94	2.94	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166686	0.05648	2.85	2.85	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166686	0.10817	2.78	2.78	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166686	0.09	2.77	2.77	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166686	0.08806	2.77	2.77	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166686	0.10564	3.02	3.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166686	0.2766	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166686	0.20631	2.57	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166686	0.17198	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166686	0.11237	2.54	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166686	0.09195	2.47	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166686	0.07663	2.66	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166686	0.05638	3.19	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166686	0.04988	3.09	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166686	0.04468	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166686	0.04029	3.35	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166686	0.0367	3.47	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166706	0.00502	3.5	3.5	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166706	0.00553	3.66	3.66	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166706	0.007	3.12	3.12	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166706	0.008	2.9	2.9	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166706	0.0092	2.94	2.94	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166706	0.01071	3.05	3.05	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166706	0.01272	3.08	3.08	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166706	0.01554	2.92	2.92	1.5	ANNUAL	PM25_30	5

UCART1	551984.8	4166706	0.0196	2.72	2.72	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166706	0.02553	2.8	2.8	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166706	0.0353	2.89	2.89	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166706	0.05614	2.88	2.88	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166706	0.09277	2.67	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166706	0.08672	2.79	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166706	0.09185	3	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166706	0.18922	2.45	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166706	0.17344	2.46	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166706	0.24861	2.57	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166706	0.23612	2.51	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552324.8	4166706	0.19614	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552344.8	4166706	0.17636	2.69	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166706	0.10348	2.62	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166706	0.08476	2.71	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552444.8	4166706	0.07122	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166706	0.05394	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166706	0.04829	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166706	0.04357	3.06	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166706	0.03962	3.24	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166706	0.03622	3.38	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551804.8	4166726	0.00493	3.14	3.14	1.5	ANNUAL	PM25_30	5
UCART1	551824.8	4166726	0.00544	3.39	3.39	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166726	0.00684	3.28	3.28	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166726	0.00783	2.88	2.88	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166726	0.00904	2.83	2.83	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166726	0.01053	2.98	2.98	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166726	0.01249	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166726	0.01523	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166726	0.01899	2.85	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166726	0.02452	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166726	0.03323	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166726	0.0503	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166726	0.09606	2.57	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166726	0.08461	3.06	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166726	0.08376	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166726	0.10155	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166726	0.18683	2.73	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166726	0.13177	2.47	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166726	0.12206	2.29	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166726	0.12327	2.34	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166726	0.13164	2.41	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166726	0.14471	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166726	0.16118	2.33	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166726	0.16902	2.37	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166726	0.09367	2.54	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166726	0.07696	3.07	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166726	0.05201	2.82	320.02	1.5	ANNUAL	PM25_30	5

UCART1	552504.8	4166726	0.04725	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166726	0.04298	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166726	0.03916	3.19	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166726	0.03586	3.2	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166746	0.00671	3.33	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166746	0.0077	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166746	0.0089	2.72	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166746	0.0104	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166746	0.01233	2.93	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166746	0.01489	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166746	0.01844	2.93	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166746	0.02354	2.84	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166746	0.03143	2.82	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166746	0.04591	2.8	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166746	0.09917	2.64	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166746	0.08359	3.16	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166746	0.07839	3.29	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166746	0.0844	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166746	0.10846	2.82	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166746	0.09349	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166746	0.08892	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166746	0.08875	2.44	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166746	0.09076	2.44	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166746	0.09402	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166746	0.09967	2.3	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166746	0.10797	2.35	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166746	0.083	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166746	0.06973	3.27	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166746	0.05617	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166746	0.05157	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166746	0.0471	2.76	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166746	0.04262	3.16	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166746	0.03858	3.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166746	0.0353	3.44	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166766	0.00583	3.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166766	0.00759	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166766	0.00879	2.68	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166766	0.01027	2.71	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166766	0.01215	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166766	0.01453	3.16	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166766	0.0179	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166766	0.0226	2.89	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166766	0.02974	2.81	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166766	0.04219	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166766	0.10289	2.73	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166766	0.08362	3.13	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166766	0.0747	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166766	0.07218	3.02	320.02	1.5	ANNUAL	PM25_30	5

UCART1	552164.8	4166766	0.0706	2.94	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166766	0.06895	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166766	0.06854	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166766	0.06888	2.6	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166766	0.06967	2.54	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166766	0.07116	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166766	0.07416	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166766	0.07972	2.4	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166766	0.07461	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166766	0.06614	3.35	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166766	0.05858	2.72	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166766	0.0533	2.69	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166766	0.04772	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166766	0.04244	3.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166766	0.03796	4.2	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166766	0.03464	3.92	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166786	0.00575	3.63	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166786	0.00748	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166786	0.00866	2.83	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166786	0.0101	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166786	0.01189	3.1	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166786	0.01412	3.46	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166786	0.01738	2.97	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166786	0.02162	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166786	0.02798	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166786	0.0387	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166786	0.05687	2.8	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552084.8	4166786	0.10807	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166786	0.08519	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166786	0.0727	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166786	0.06555	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166786	0.06129	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166786	0.05873	2.9	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166786	0.05785	2.54	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166786	0.05736	2.51	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166786	0.05749	2.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166786	0.05839	2.68	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166786	0.06062	2.69	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166786	0.06614	2.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166786	0.06648	2.63	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166786	0.05642	2.82	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166786	0.04859	3.25	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166786	0.04268	3.55	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166786	0.03795	3.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166786	0.03433	3.77	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166806	0.00569	3.63	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166806	0.00736	3.38	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166806	0.0085	3.23	320.02	1.5	ANNUAL	PM25_30	5

UCART1	551924.8	4166806	0.00989	3.22	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166806	0.01161	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166806	0.01382	3.37	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166806	0.01687	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166806	0.02077	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166806	0.02641	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166806	0.03564	2.93	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166806	0.05497	2.83	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166806	0.08653	2.82	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166806	0.07145	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166806	0.0623	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166806	0.05654	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166806	0.05308	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166806	0.05149	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166806	0.05029	2.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166806	0.04999	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166806	0.05063	2.7	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166806	0.05278	2.73	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166806	0.05883	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166806	0.09334	3.47	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166806	0.0859	2.98	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166806	0.07296	2.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166806	0.05903	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166806	0.0496	3.17	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166806	0.04303	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166806	0.03793	3.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166806	0.03406	3.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166826	0.00565	3.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551884.8	4166826	0.00725	3.73	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166826	0.00833	3.69	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166826	0.00966	3.63	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166826	0.01133	3.52	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166826	0.01349	3.21	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166826	0.01632	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166826	0.01992	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166826	0.02494	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166826	0.03289	2.96	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166826	0.04846	2.85	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166826	0.08846	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166826	0.07119	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166826	0.06068	3.18	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166826	0.05394	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166826	0.04962	3.11	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166826	0.04742	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166826	0.0458	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166826	0.04522	2.59	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166826	0.04579	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166826	0.04816	2.62	320.02	1.5	ANNUAL	PM25_30	5

UCART1	552304.8	4166826	0.05484	2.45	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166826	0.08269	3.92	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166826	0.07699	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166826	0.07159	2.42	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166826	0.059	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166826	0.04977	2.71	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166826	0.043	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166826	0.03766	3.25	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552564.8	4166826	0.03369	3.18	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551844.8	4166846	0.00562	3.44	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551864.8	4166846	0.00633	3.53	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551904.8	4166846	0.00818	3.96	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551924.8	4166846	0.00945	3.9	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551944.8	4166846	0.01103	3.68	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551964.8	4166846	0.01303	3.42	320.02	1.5	ANNUAL	PM25_30	5
UCART1	551984.8	4166846	0.01565	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552004.8	4166846	0.01899	2.92	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552024.8	4166846	0.02348	3	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552044.8	4166846	0.03035	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552064.8	4166846	0.04326	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552104.8	4166846	0.09247	2.67	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552124.8	4166846	0.0728	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552144.8	4166846	0.06061	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552164.8	4166846	0.05274	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552184.8	4166846	0.04754	3.18	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552204.8	4166846	0.04471	2.78	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552224.8	4166846	0.04289	2.62	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552244.8	4166846	0.04216	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552264.8	4166846	0.04273	2.51	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552284.8	4166846	0.04538	2.5	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552304.8	4166846	0.05264	2.44	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552404.8	4166846	0.08178	2.41	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552424.8	4166846	0.07441	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552464.8	4166846	0.06949	2.46	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552484.8	4166846	0.05748	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552504.8	4166846	0.04866	2.79	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552524.8	4166846	0.04209	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART1	552544.8	4166846	0.037	3.04	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551904.6	4166869	0.00801	4.03	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551924.6	4166869	0.00919	4.05	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166869	0.01066	3.81	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166869	0.01249	3.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166869	0.01481	3.22	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166869	0.01786	2.92	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166869	0.0218	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166869	0.02768	3.06	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166869	0.03833	2.84	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166869	0.04873	2.67	320.02	1.5	ANNUAL	PM25_30	5

UCART2	552104.6	4166869	0.09782	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166869	0.07509	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166869	0.06129	2.96	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166869	0.05233	3.04	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166869	0.0464	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166869	0.04279	3.03	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166869	0.0407	2.8	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166869	0.03989	2.59	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166869	0.04056	2.47	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166869	0.0435	2.45	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552304.6	4166869	0.05155	2.45	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166869	0.07288	2.66	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166869	0.07915	2.02	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166869	0.07218	2.48	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552464.6	4166869	0.06754	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166869	0.05579	2.66	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166869	0.04722	2.85	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552524.6	4166869	0.04082	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552544.6	4166869	0.03597	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551884.6	4166889	0.00699	3.59	356.4	1.5	ANNUAL	PM25_30	5
UCART2	551924.6	4166889	0.00896	4.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166889	0.01033	3.83	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166889	0.01202	3.51	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166889	0.01409	3.33	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166889	0.01686	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166889	0.02043	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166889	0.02567	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166889	0.03487	2.83	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166889	0.05639	2.75	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552104.6	4166889	0.10397	2.97	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166889	0.07743	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166889	0.06232	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166889	0.05249	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166889	0.04611	3.07	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166889	0.04185	3.2	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166889	0.03949	3.02	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166889	0.03864	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166889	0.03942	2.55	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166889	0.04265	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552304.6	4166889	0.05167	2.52	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166889	0.09079	2.72	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166889	0.07603	2.57	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166889	0.07027	2.6	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552464.6	4166889	0.06576	2.61	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166889	0.05426	2.7	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166889	0.04587	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552524.6	4166889	0.03956	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551924.6	4166909	0.00873	3.97	356.4	1.5	ANNUAL	PM25_30	5

UCART2	551944.6	4166909	0.01001	3.62	356.4	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166909	0.01155	3.34	356.4	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166909	0.01341	3.25	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166909	0.01583	3.13	345.72	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166909	0.01911	3.09	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166909	0.02388	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166909	0.03174	2.99	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166909	0.04853	2.94	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166909	0.08078	2.94	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166909	0.06388	3.07	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166909	0.05315	3.11	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166909	0.04629	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166909	0.04168	3.1	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166909	0.03889	3.17	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166909	0.03776	3.15	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166909	0.03846	3.12	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166909	0.04194	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552304.6	4166909	0.05219	2.87	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166909	0.08791	2.72	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166909	0.07334	2.84	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166909	0.06794	2.91	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552464.6	4166909	0.06395	2.7	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166909	0.0529	2.58	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166909	0.04461	2.79	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552524.6	4166909	0.03841	3.04	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551904.6	4166929	0.00753	3.93	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551924.6	4166929	0.00848	3.89	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166929	0.00962	3.65	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166929	0.01097	3.52	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166929	0.0127	3.22	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166929	0.01488	3.18	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166929	0.01784	3.14	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166929	0.02219	3.08	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166929	0.02916	3.03	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166929	0.04291	2.98	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166929	0.08462	2.95	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166929	0.06603	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166929	0.05429	3.11	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166929	0.04667	3.14	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166929	0.04164	3.29	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166929	0.03866	3.4	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166929	0.03742	3.48	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166929	0.03818	3.5	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166929	0.04205	3.43	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552304.6	4166929	0.05345	3.36	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166929	0.08374	2.77	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166929	0.07028	2.93	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166929	0.06565	3	320.02	1.5	ANNUAL	PM25_30	5

UCART2	552464.6	4166929	0.06204	2.83	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166929	0.05143	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166929	0.04334	2.7	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166949	0.00919	3.84	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166949	0.01039	3.8	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166949	0.012	3.23	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166949	0.01396	3.19	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166949	0.01663	3.21	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166949	0.02058	3.15	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166949	0.0269	3.03	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166949	0.03854	2.97	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166949	0.08919	2.98	345.72	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166949	0.06861	3.04	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166949	0.05581	3.11	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166949	0.04733	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166949	0.0419	3.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166949	0.03881	3.63	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166949	0.03762	3.7	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166949	0.0387	3.64	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166949	0.04327	3.57	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166949	0.07891	2.84	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166949	0.0671	2.86	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166949	0.0635	2.88	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552464.6	4166949	0.06005	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552484.6	4166949	0.04988	2.53	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552504.6	4166949	0.04205	2.62	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551944.6	4166969	0.00873	4.26	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166969	0.00986	3.85	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166969	0.01127	3.49	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166969	0.01305	3.35	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166969	0.01545	3.37	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166969	0.01904	3.28	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166969	0.02471	3.16	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4166969	0.03455	3.3	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166969	0.09472	3.09	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166969	0.07112	3.29	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4166969	0.05748	3.24	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4166969	0.04908	2.91	345.72	1.5	ANNUAL	PM25_30	5
UCART2	552284.6	4166969	0.04756	2.19	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166969	0.07419	3.01	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166969	0.06363	3.05	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166969	0.0604	3.54	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4166989	0.0093	4.16	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4166989	0.0106	3.67	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4166989	0.0122	3.5	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4166989	0.01437	3.48	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4166989	0.01757	3.41	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4166989	0.02261	3.34	356.88	1.5	ANNUAL	PM25_30	5

UCART2	552084.6	4166989	0.03124	3.5	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552104.6	4166989	0.05216	3.14	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552124.6	4166989	0.10244	3.09	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4166989	0.07573	2.83	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4166989	0.0452	2.19	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4166989	0.04101	3.33	345.72	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4166989	0.04067	3.13	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4166989	0.04404	2.47	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552364.6	4166989	0.08667	3.32	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552384.6	4166989	0.07047	2.74	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552404.6	4166989	0.06052	3.08	320.02	1.5	ANNUAL	PM25_30	5
UCART2	552424.6	4166989	0.05828	3.48	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551964.6	4167009	0.00872	4.62	356.88	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4167009	0.00995	3.8	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4167009	0.01142	3.64	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4167009	0.01339	3.55	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4167009	0.0162	3.54	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4167009	0.02058	3.56	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4167009	0.02827	3.58	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552104.6	4167009	0.0448	3.57	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4167009	0.05144	3.64	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4167009	0.04552	3.57	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4167009	0.04212	4.03	356.4	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4167009	0.04231	4.2	348.95	1.5	ANNUAL	PM25_30	5
UCART2	552264.6	4167009	0.04788	4.36	320.02	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4167029	0.00928	4.15	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4167029	0.01064	3.82	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4167029	0.01247	3.55	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4167029	0.01497	3.58	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4167029	0.01881	3.56	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552084.6	4167029	0.02614	2.77	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4167029	0.08381	3.29	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4167029	0.06588	3.03	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4167029	0.05334	3.98	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4167029	0.04749	3.96	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4167029	0.04533	3.93	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552244.6	4167029	0.0474	4.07	356.4	1.5	ANNUAL	PM25_30	5
UCART2	551984.6	4167049	0.00866	4.63	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552004.6	4167049	0.00993	3.92	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552024.6	4167049	0.01162	3.36	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552044.6	4167049	0.01396	3.04	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552064.6	4167049	0.01753	2.79	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552144.6	4167049	0.08924	3.84	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552164.6	4167049	0.07019	3.61	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552184.6	4167049	0.05753	4.13	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552204.6	4167049	0.05145	4.14	356.88	1.5	ANNUAL	PM25_30	5
UCART2	552224.6	4167049	0.0509	3.85	356.88	1.5	ANNUAL	PM25_30	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Num Years
UCART1	552064.8	4166026	0.0007	4.6	4.6	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166026	0.00079	4.06	4.06	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166026	0.00087	3.76	3.76	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166026	0.00094	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166026	0.001	3.84	3.84	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166026	0.00107	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166026	0.00113	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166026	0.00118	3.16	3.16	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166026	0.00122	3	3	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166026	0.00126	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166026	0.0013	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166026	0.00134	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166026	0.00139	2.98	2.98	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166026	0.00147	3.02	3.02	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166026	0.00162	2.88	2.88	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166026	0.00189	2.63	2.63	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166046	0.00096	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166046	0.00106	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166046	0.00114	3.73	3.73	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166046	0.00122	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166046	0.00129	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166046	0.00135	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166046	0.00139	3.46	3.46	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166046	0.00142	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166046	0.00145	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166046	0.00147	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166046	0.00149	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166046	0.00151	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166046	0.00157	3.03	3.03	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166046	0.00167	2.68	2.68	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166046	0.00186	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166046	0.00225	2.37	2.37	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166066	0.00079	4.58	4.58	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166066	0.00082	4.32	4.32	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166066	0.00085	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166066	0.0009	4.1	4.1	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166066	0.00098	3.84	3.84	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166066	0.00109	3.7	3.7	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166066	0.00122	3.7	3.7	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166066	0.00135	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166066	0.00146	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166066	0.00154	3.76	3.76	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166066	0.0016	3.7	3.7	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166066	0.00166	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166066	0.00169	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166066	0.00171	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166066	0.00171	3.29	3.29	1.5	ANNUAL	PM25_31	5

UCART1	552224.8	4166066	0.0017	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166066	0.00169	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166066	0.00168	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166066	0.00169	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166066	0.00175	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166066	0.00187	2.56	2.56	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166066	0.00212	2.3	2.3	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166066	0.00265	2.29	2.29	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166086	0.00098	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166086	0.00104	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166086	0.00112	4.65	4.65	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166086	0.00126	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166086	0.00146	3.82	3.82	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166086	0.00165	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166086	0.00182	3.65	3.65	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166086	0.00196	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166086	0.00204	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166086	0.00209	3.79	3.79	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166086	0.00212	3.73	3.73	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166086	0.00214	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166086	0.00213	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166086	0.00211	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166086	0.00205	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166086	0.00199	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166086	0.00192	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166086	0.00188	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166086	0.00186	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166086	0.00193	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166086	0.00207	2.59	2.59	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166086	0.00238	2.38	2.38	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166086	0.00306	2.34	2.34	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166086	0.00592	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166086	0.00473	3	3	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166086	0.00389	2.42	2.42	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166086	0.00325	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166086	0.00277	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166086	0.0024	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166106	0.00106	4.88	4.88	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166106	0.00116	4.68	4.68	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166106	0.00127	4.62	4.62	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166106	0.00138	4.94	4.94	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166106	0.00161	5.06	5.06	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166106	0.00197	4.8	4.8	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166106	0.00238	4.16	4.16	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166106	0.00266	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166106	0.0028	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166106	0.00287	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166106	0.00287	3.79	3.79	1.5	ANNUAL	PM25_31	5

UCART1	552104.8	4166106	0.00287	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166106	0.00284	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166106	0.00278	3.82	3.82	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166106	0.00268	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166106	0.00257	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166106	0.00243	2.54	2.54	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166106	0.00229	2.4	2.4	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166106	0.00217	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166106	0.0021	2.61	2.61	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166106	0.00205	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166106	0.00211	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166106	0.00227	2.78	2.78	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166106	0.00264	2.59	2.59	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166106	0.00342	2.47	2.47	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166106	0.00594	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166106	0.00479	2.84	2.84	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166106	0.00397	2.61	2.61	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166106	0.00335	2.68	2.68	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166106	0.00287	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166106	0.00251	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166126	0.00112	4.78	4.78	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166126	0.00134	4.77	4.77	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166126	0.00156	4.62	4.62	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166126	0.00178	4.62	4.62	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166126	0.00214	5	5	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166126	0.00283	5.31	5.31	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166126	0.00358	5.06	5.06	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166126	0.00412	4.41	4.41	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166126	0.00438	3.8	3.8	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166126	0.0044	3.46	3.46	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166126	0.00431	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166126	0.00416	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166126	0.00405	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166126	0.00389	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166126	0.00363	3.92	3.92	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166126	0.00333	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166126	0.00306	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166126	0.00279	2.4	2.4	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166126	0.00257	2.26	2.26	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166126	0.00241	2.26	2.26	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166126	0.0023	2.35	2.35	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166126	0.00224	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166126	0.00229	2.78	2.78	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166126	0.00247	2.71	2.71	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166126	0.00288	2.58	2.58	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166126	0.00373	2.58	2.58	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166126	0.00595	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166126	0.00483	2.77	2.77	1.5	ANNUAL	PM25_31	5

UCART1	552504.8	4166126	0.00402	2.74	2.74	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166126	0.00341	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166126	0.00295	2.75	2.75	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166126	0.00258	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166146	0.00103	4.84	4.84	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166146	0.00132	4.67	4.67	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166146	0.00176	4.62	4.62	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166146	0.00234	4.54	4.54	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166146	0.00308	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166146	0.00497	4.83	4.83	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166146	0.00635	5.39	5.39	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166146	0.00707	5.1	5.1	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166146	0.0074	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166146	0.00748	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166146	0.0073	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166146	0.00688	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166146	0.00644	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166146	0.006	3.6	3.6	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166146	0.00534	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166146	0.00461	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166146	0.00399	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166146	0.00354	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166146	0.00315	2.61	2.61	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166146	0.00285	2.65	2.65	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166146	0.00263	2.6	2.6	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166146	0.00249	2.45	2.45	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166146	0.00243	2.45	2.45	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166146	0.00247	2.53	2.53	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166146	0.00266	2.38	2.38	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166146	0.00308	2.35	2.35	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166146	0.00398	2.69	2.69	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166146	0.00598	2.64	2.64	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166146	0.00486	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166146	0.00406	2.81	2.81	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166146	0.00346	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166146	0.003	2.87	2.87	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166146	0.00265	2.77	2.77	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166166	0.00091	4.89	4.89	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166166	0.00114	4.93	4.93	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166166	0.00152	4.86	4.86	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166166	0.00224	4.75	4.75	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166166	0.01302	4.38	4.38	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166166	0.01607	4.46	4.46	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166166	0.01402	4.25	4.25	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166166	0.01509	3.97	3.97	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166166	0.0152	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166166	0.01424	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166166	0.01286	3.38	3.38	1.5	ANNUAL	PM25_31	5

UCART1	552084.8	4166166	0.01134	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166166	0.00901	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166166	0.00703	3.3	3.3	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166166	0.00564	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166166	0.00468	3.09	3.09	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166166	0.00399	2.82	2.82	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166166	0.00348	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166166	0.0031	2.98	2.98	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166166	0.00284	2.97	2.97	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166166	0.00267	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166166	0.0026	2.62	2.62	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166166	0.00263	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166166	0.00281	2.68	2.68	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166166	0.00325	2.59	2.59	1.5	ANNUAL	PM25_31	5
UCART1	552364.8	4166166	0.00416	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166166	0.00755	2.78	2.78	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166166	0.00601	2.15	2.15	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166166	0.00492	2.39	2.39	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166166	0.0041	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166166	0.0035	3.05	3.05	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166166	0.00305	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166166	0.00269	2.84	2.84	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166186	0.00078	4.79	4.79	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166186	0.00096	4.87	4.87	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166186	0.00125	4.91	4.91	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166186	0.00173	4.81	4.81	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166186	0.00274	4.68	4.68	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166186	0.01393	4.43	4.43	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166186	0.01263	4.41	4.41	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166186	0.01272	4.15	4.15	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166186	0.01324	3.85	3.85	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166186	0.01399	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166186	0.01498	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166186	0.01449	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166186	0.01679	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166186	0.01126	3.25	3.25	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166186	0.00825	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166186	0.0064	3.02	3.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166186	0.00518	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166186	0.00434	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166186	0.00374	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166186	0.00331	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166186	0.00301	3.13	3.13	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166186	0.00283	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166186	0.00274	2.43	2.43	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166186	0.00277	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166186	0.00295	2.5	2.5	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166186	0.00338	2.51	2.51	1.5	ANNUAL	PM25_31	5

UCART1	552364.8	4166186	0.0043	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166186	0.00415	2.75	2.75	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166186	0.00355	2.74	2.74	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166186	0.00309	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166186	0.00274	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166206	0.0008	4.8	4.8	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166206	0.00101	4.89	4.89	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166206	0.00135	4.78	4.78	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166206	0.00195	4.57	4.57	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166206	0.00321	4.46	4.46	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166206	0.01393	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166206	0.01088	4.84	4.84	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166206	0.0097	4.36	4.36	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166206	0.00922	3.85	3.85	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166206	0.00912	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166206	0.00933	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166206	0.01016	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166206	0.0149	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166206	0.01105	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166206	0.00844	3.26	3.26	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166206	0.00664	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166206	0.00538	3.61	3.61	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166206	0.00454	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166206	0.00392	3.16	3.16	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166206	0.00347	3.07	3.07	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166206	0.00315	3.03	3.03	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166206	0.00295	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166206	0.00759	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166206	0.00605	2.12	2.12	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166206	0.00359	1.62	1.62	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166206	0.00314	2.52	2.52	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166206	0.00277	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166226	0.00083	4.64	4.64	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166226	0.00107	4.4	4.4	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166226	0.00146	4.18	4.18	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166226	0.00215	4.27	4.27	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166226	0.00978	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166226	0.01067	4.66	4.66	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166226	0.00896	4.32	4.32	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166226	0.00803	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166226	0.00761	3.79	3.79	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166226	0.00773	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166226	0.00902	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166226	0.01332	3.69	3.69	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166226	0.01019	3.77	3.77	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166226	0.0081	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166226	0.00658	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166226	0.00544	3.5	3.5	1.5	ANNUAL	PM25_31	5

UCART1	552184.8	4166226	0.00462	3.3	3.3	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166226	0.00753	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166226	0.00421	2.68	2.68	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166226	0.00363	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166226	0.00282	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166246	0.00086	4.53	4.53	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166246	0.00112	4.09	4.09	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166246	0.00156	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166246	0.00224	4.17	4.17	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166246	0.00343	4.33	4.33	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166246	0.00591	4.45	4.45	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166246	0.00685	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166246	0.0107	4.58	4.58	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166246	0.00867	4.41	4.41	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166246	0.00754	4.19	4.19	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166246	0.00703	4.1	4.1	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166246	0.00722	3.97	3.97	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166246	0.00895	3.76	3.76	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166246	0.00948	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166246	0.01246	3.73	3.73	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166246	0.00969	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166246	0.00781	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166246	0.00647	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166246	0.00544	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166246	0.00359	2.05	2.05	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166246	0.00327	2.49	2.49	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166246	0.00303	3.16	3.16	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166246	0.00293	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166246	0.00295	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166246	0.00314	3.17	3.17	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166246	0.0036	3.13	3.13	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166246	0.00956	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166246	0.00745	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166246	0.00598	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166246	0.00496	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166246	0.00419	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166246	0.00361	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166246	0.0032	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166266	0.00089	4.46	4.46	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166266	0.00117	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166266	0.0016	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166266	0.00221	4.26	4.26	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166266	0.00331	4.33	4.33	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166266	0.00564	4.42	4.42	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166266	0.01078	4.6	4.6	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166266	0.00861	4.67	4.67	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166266	0.0074	4.56	4.56	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166266	0.00688	4.43	4.43	1.5	ANNUAL	PM25_31	5

UCART1	552024.8	4166266	0.00711	4.25	4.25	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166266	0.00899	3.92	3.92	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166266	0.01218	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166266	0.01223	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166266	0.00953	3.62	3.62	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166266	0.00769	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166266	0.00641	2.87	2.87	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166266	0.00399	2.78	2.78	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166266	0.00354	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166266	0.00323	3.13	3.13	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166266	0.00303	3.3	3.3	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166266	0.00293	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166266	0.00296	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166266	0.00317	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166266	0.00365	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166266	0.00952	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166266	0.00741	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166266	0.00595	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166266	0.00496	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166266	0.0042	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166266	0.00362	3.62	3.62	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166266	0.00319	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166266	0.00286	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166286	0.00091	4.36	4.36	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166286	0.00119	4.11	4.11	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166286	0.00156	4.23	4.23	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166286	0.00215	4.11	4.11	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166286	0.00312	4.18	4.18	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166286	0.00508	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166286	0.01166	4.49	4.49	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166286	0.00922	4.29	4.29	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166286	0.00777	4.28	4.28	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166286	0.00705	4.41	4.41	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166286	0.0072	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166286	0.00914	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166286	0.01646	3.56	3.56	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166286	0.01211	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166286	0.00948	3.49	3.49	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166286	0.00771	2.81	2.81	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166286	0.00447	2.55	2.55	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166286	0.00387	3.21	3.21	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166286	0.00346	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166286	0.00318	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166286	0.003	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166286	0.00293	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166286	0.00297	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166286	0.0032	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166286	0.00371	3.25	3.25	1.5	ANNUAL	PM25_31	5

UCART1	552424.8	4166286	0.0094	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166286	0.00733	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166286	0.00592	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166286	0.00495	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166286	0.0042	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166286	0.00363	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166286	0.00321	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166286	0.00287	3.65	3.65	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166306	0.00061	5.27	5.27	1.5	ANNUAL	PM25_31	5
UCART1	551784.8	4166306	0.00075	4.78	4.78	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166306	0.00093	4.32	4.32	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166306	0.00118	4.26	4.26	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166306	0.00152	4.48	4.48	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166306	0.00206	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166306	0.00289	4	4	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166306	0.00434	4.2	4.2	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166306	0.00685	4.34	4.34	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166306	0.01399	4.36	4.36	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166306	0.01035	4.09	4.09	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166306	0.00842	4.13	4.13	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166306	0.00739	4.36	4.36	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166306	0.00735	4.29	4.29	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166306	0.00912	3.95	3.95	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166306	0.01197	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166306	0.01234	3.11	3.11	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166306	0.00497	3.31	3.31	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166306	0.00424	3.33	3.33	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166306	0.00371	3.61	3.61	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166306	0.00336	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166306	0.00312	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166306	0.00297	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166306	0.00292	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166306	0.00298	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166306	0.00323	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166306	0.00378	3.25	3.25	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166306	0.00921	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166306	0.00724	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166306	0.00588	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166306	0.00493	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166306	0.0042	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166306	0.00365	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166306	0.00323	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166306	0.0029	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166326	0.00063	4.79	4.79	1.5	ANNUAL	PM25_31	5
UCART1	551784.8	4166326	0.00076	4.51	4.51	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166326	0.00094	4.35	4.35	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166326	0.00116	4.39	4.39	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166326	0.00148	4.3	4.3	1.5	ANNUAL	PM25_31	5

UCART1	551864.8	4166326	0.00196	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166326	0.00263	3.77	3.77	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166326	0.0037	4.09	4.09	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166326	0.00579	4.26	4.26	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166326	0.01176	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166326	0.00923	4.31	4.31	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166326	0.00789	4.29	4.29	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166326	0.00754	4.19	4.19	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166326	0.0088	4.03	4.03	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166326	0.00899	3.79	3.79	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166326	0.00714	2.72	2.72	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166326	0.00567	2.98	2.98	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166326	0.00469	3.29	3.29	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166326	0.00403	3.47	3.47	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166326	0.00354	4.02	4.02	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166326	0.00325	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166326	0.00306	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166326	0.00294	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166326	0.00291	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166326	0.003	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166326	0.00327	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166326	0.00387	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166326	0.00907	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166326	0.0072	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166326	0.00589	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166326	0.00495	3.03	3.03	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166326	0.00422	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166326	0.00368	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166326	0.00326	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166326	0.00293	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166346	0.00064	4.79	4.79	1.5	ANNUAL	PM25_31	5
UCART1	551784.8	4166346	0.00077	4.59	4.59	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166346	0.00092	5.05	5.05	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166346	0.0011	5.62	5.62	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166346	0.00138	5.2	5.2	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166346	0.00178	4.5	4.5	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166346	0.00236	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166346	0.00319	4.08	4.08	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166346	0.00463	4.28	4.28	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166346	0.00618	4.17	4.17	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166346	0.01397	4.15	4.15	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166346	0.0103	4.34	4.34	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166346	0.00849	4.32	4.32	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166346	0.00774	4.18	4.18	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166346	0.00833	4.03	4.03	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166346	0.0115	2.83	2.83	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166346	0.00818	2.89	2.89	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166346	0.00632	3.13	3.13	1.5	ANNUAL	PM25_31	5

Term131S	552144.8	4166346	0.00515	3.24	3.24	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166346	0.00437	3.2	3.2	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166346	0.00382	3.38	3.38	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166346	0.00341	3.78	3.78	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166346	0.00316	3.6	3.6	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166346	0.003	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166346	0.00291	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166346	0.0029	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166346	0.00301	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166346	0.00332	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166346	0.00397	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166346	0.00892	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166346	0.00713	3.15	3.15	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166346	0.00588	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166346	0.00496	2.81	2.81	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166346	0.00423	3.3	3.3	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166346	0.0037	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166346	0.00329	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166346	0.00295	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166366	0.00065	4.82	4.82	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166366	0.0009	5.3	5.3	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166366	0.00106	6.04	6.04	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166366	0.00131	5.49	5.49	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166366	0.00164	4.89	4.89	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166366	0.00214	4.05	4.05	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166366	0.00281	4.02	4.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166366	0.00388	4.2	4.2	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166366	0.00605	4.1	4.1	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166366	0.01174	4.23	4.23	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166366	0.00927	4.26	4.26	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166366	0.00804	4.13	4.13	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166366	0.00777	3.98	3.98	1.5	ANNUAL	PM25_31	5
Term131S	552064.8	4166366	0.00817	3.93	3.93	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166366	0.00756	3.53	3.53	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166366	0.00639	3.46	3.46	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166366	0.00538	3.4	3.4	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166366	0.00462	3.26	3.26	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166366	0.00405	3.08	3.08	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166366	0.00361	3.2	3.2	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166366	0.00329	3.39	3.39	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166366	0.00307	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166366	0.00293	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166366	0.00288	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166366	0.00289	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166366	0.00303	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166366	0.00337	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166366	0.00408	3.15	3.15	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166366	0.00879	3.33	3.33	1.5	ANNUAL	PM25_31	5

UCART1	552444.8	4166366	0.00706	3.17	3.17	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166366	0.00586	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166366	0.00497	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166366	0.00424	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166366	0.00372	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166366	0.0033	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166366	0.00297	3.68	3.68	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166386	0.00065	4.81	4.81	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166386	0.0009	4.48	4.48	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166386	0.00106	4.53	4.53	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166386	0.00129	4.19	4.19	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166386	0.00159	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166386	0.00197	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166386	0.00253	3.78	3.78	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166386	0.00337	3.86	3.86	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166386	0.00485	3.97	3.97	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166386	0.00738	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166386	0.01389	3.84	3.84	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166386	0.01034	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166386	0.0085	3.96	3.96	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166386	0.00741	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166386	0.00659	3.91	3.91	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166386	0.00597	3.46	3.46	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166386	0.00531	3.3	3.3	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166386	0.00472	3.17	3.17	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166386	0.00421	3.04	3.04	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166386	0.00379	2.93	2.93	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166386	0.00345	3.02	3.02	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166386	0.00318	3.26	3.26	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166386	0.003	3.45	3.45	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166386	0.00289	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166386	0.00286	3.25	3.25	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166386	0.00291	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166386	0.00307	3.6	3.6	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166386	0.00345	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166386	0.00423	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166386	0.00872	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166386	0.00703	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166386	0.00584	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166386	0.00496	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166386	0.00425	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166386	0.00372	3.76	3.76	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166386	0.0033	4.08	4.08	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166386	0.00299	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	551764.8	4166406	0.00065	4.89	4.89	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166406	0.00088	4.43	4.43	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166406	0.00103	4.46	4.46	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166406	0.00122	4.25	4.25	1.5	ANNUAL	PM25_31	5

UCART1	551864.8	4166406	0.00149	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166406	0.00182	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166406	0.00228	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166406	0.00297	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166406	0.00406	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166406	0.00626	3.95	3.95	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166406	0.01167	3.79	3.79	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166406	0.00908	3.82	3.82	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166406	0.00746	3.78	3.78	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166406	0.00635	3.79	3.79	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166406	0.00558	3.45	3.45	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166406	0.00495	3.19	3.19	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166406	0.00441	3.05	3.05	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166406	0.00398	2.95	2.95	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166406	0.00363	2.86	2.86	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166406	0.00334	2.92	2.92	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166406	0.00311	3.19	3.19	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166406	0.00295	3.45	3.45	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166406	0.00287	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166406	0.00287	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166406	0.00295	3.45	3.45	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166406	0.00315	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166406	0.00357	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166406	0.00442	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166406	0.00866	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166406	0.007	2.99	2.99	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166406	0.00583	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166406	0.00496	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166406	0.00427	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166406	0.00373	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166406	0.00332	4.17	4.17	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166406	0.00301	4.07	4.07	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166426	0.00085	4.47	4.47	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166426	0.00099	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166426	0.00116	4.45	4.45	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166426	0.0014	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166426	0.00169	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166426	0.00209	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166426	0.00266	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166426	0.0035	3.87	3.87	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166426	0.00504	3.92	3.92	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166426	0.01302	3.69	3.69	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166426	0.00974	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166426	0.00777	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166426	0.00646	3.68	3.68	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166426	0.00556	3.46	3.46	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166426	0.0049	3.13	3.13	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166426	0.00435	3.01	3.01	1.5	ANNUAL	PM25_31	5

Term131S	552144.8	4166426	0.00391	2.96	2.96	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166426	0.00357	2.86	2.86	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166426	0.0033	2.88	2.88	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166426	0.0031	3.17	3.17	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166426	0.00295	3.47	3.47	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166426	0.0029	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166426	0.00293	3.27	3.27	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166426	0.00305	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166426	0.00329	3.56	3.56	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166426	0.00375	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166426	0.00466	3.07	3.07	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166426	0.0086	2.98	2.98	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166426	0.00697	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166426	0.00582	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166426	0.00498	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166426	0.00429	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166426	0.00376	3.92	3.92	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166426	0.00336	3.99	3.99	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166426	0.00303	4.12	4.12	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166446	0.00096	4.03	4.03	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166446	0.00112	3.96	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166446	0.00133	3.65	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166446	0.00159	3.6	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166446	0.00194	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166446	0.00242	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166446	0.00311	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166446	0.00428	3.87	3.87	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166446	0.00696	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166446	0.01051	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166446	0.00819	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166446	0.00669	3.82	3.82	1.5	ANNUAL	PM25_31	5
Term131S	552084.8	4166446	0.00571	3.47	3.47	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166446	0.00499	3.21	3.21	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166446	0.0044	3.22	3.22	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166446	0.00394	3.25	3.25	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166446	0.00359	3.12	3.12	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166446	0.00334	2.94	2.94	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166446	0.00314	3.22	3.22	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166446	0.00301	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166446	0.00299	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166446	0.00307	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166446	0.00325	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166446	0.00352	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166446	0.00401	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166446	0.00496	3.09	3.09	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166446	0.00851	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166446	0.00695	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166446	0.00584	2.89	2.89	1.5	ANNUAL	PM25_31	5

UCART1	552484.8	4166446	0.005	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166446	0.00431	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166446	0.00379	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166446	0.00339	3.86	3.86	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166446	0.00306	4.01	4.01	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166466	0.00093	4.37	4.37	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166466	0.00106	4.91	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166466	0.00121	5.72	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166466	0.00144	5.25	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166466	0.00177	4.08	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166466	0.00222	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166466	0.0028	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166466	0.00373	3.83	3.83	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166466	0.00561	3.75	3.75	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166466	0.01152	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166466	0.00879	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166466	0.00708	3.73	3.73	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166466	0.00592	3.65	3.65	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166466	0.00514	3.36	3.36	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166466	0.00454	3.34	3.34	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166466	0.00406	3.38	3.38	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166466	0.0037	3.27	3.27	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166466	0.00345	3	3	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166466	0.00326	3.18	3.18	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166466	0.00318	3.42	3.42	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166466	0.00323	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552264.8	4166466	0.0034	3.43	3.43	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166466	0.00361	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166466	0.00387	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166466	0.00435	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166466	0.00531	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166466	0.00848	3.25	3.25	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166466	0.00694	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166466	0.00585	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166466	0.00502	2.81	2.81	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166466	0.00433	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166466	0.00382	3.61	3.61	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166466	0.00341	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166486	0.00089	4.93	4.93	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166486	0.00099	6.14	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166486	0.00108	8.08	8.08	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166486	0.00129	7.1	7.1	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166486	0.00163	4.75	7.05	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166486	0.00205	3.32	7.05	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166486	0.00255	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166486	0.00332	3.78	3.78	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166486	0.00476	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166486	0.01288	3.71	3.71	1.5	ANNUAL	PM25_31	5

UCART1	552044.8	4166486	0.00951	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166486	0.00753	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166486	0.00616	3.86	3.86	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166486	0.00533	3.54	3.54	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166486	0.00473	3.39	3.39	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166486	0.00428	3.4	3.4	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166486	0.00392	3.37	3.37	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166486	0.00367	3.06	3.06	1.5	ANNUAL	PM25_31	5
Term131S	552204.8	4166486	0.00354	3.06	3.06	1.5	ANNUAL	PM25_31	5
Term131S	552224.8	4166486	0.00365	3.27	3.27	1.5	ANNUAL	PM25_31	5
Term131S	552244.8	4166486	0.00386	3.4	3.4	1.5	ANNUAL	PM25_31	5
Term131S	552264.8	4166486	0.00402	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166486	0.00415	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166486	0.00433	3.56	3.56	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166486	0.00475	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166486	0.00571	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166486	0.00849	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166486	0.00693	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166486	0.00583	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166486	0.00501	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166486	0.00435	3.23	3.23	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166486	0.00384	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166486	0.00344	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166506	0.00086	4.76	4.76	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166506	0.00096	5.64	5.64	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166506	0.00107	7	7	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166506	0.00129	5.3	8.39	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166506	0.00156	4.02	7.05	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166506	0.00191	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166506	0.00236	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166506	0.00303	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166506	0.00421	3.49	3.49	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166506	0.00695	3.46	3.46	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166506	0.01414	3.56	3.56	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166506	0.01011	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166506	0.00793	3.47	3.47	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166506	0.00649	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166506	0.00555	3.49	3.49	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166506	0.00495	3.41	3.41	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166506	0.00459	3.37	3.37	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166506	0.00436	3.37	3.37	1.5	ANNUAL	PM25_31	5
Term131S	552184.8	4166506	0.00414	3.18	3.18	1.5	ANNUAL	PM25_31	5
Term131S	552264.8	4166506	0.00495	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166506	0.00486	3.34	3.34	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166506	0.0049	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166506	0.00524	3.35	3.35	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166506	0.0062	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166506	0.00845	3.13	3.13	1.5	ANNUAL	PM25_31	5

UCART1	552444.8	4166506	0.00691	3.17	3.17	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166506	0.00582	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166506	0.00502	2.84	2.84	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166506	0.00436	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166506	0.00385	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166506	0.00345	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166526	0.00084	4.47	4.47	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166526	0.00094	5.15	5.15	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166526	0.00105	5.83	5.83	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166526	0.00125	4.58	4.58	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166526	0.00148	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166526	0.00178	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166526	0.00219	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166526	0.00278	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166526	0.0038	3.52	3.52	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166526	0.00597	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166526	0.01067	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166526	0.00828	3.61	3.61	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166526	0.00677	3.47	3.47	1.5	ANNUAL	PM25_31	5
Term131S	552104.8	4166526	0.00578	3.5	3.5	1.5	ANNUAL	PM25_31	5
Term131S	552124.8	4166526	0.0052	3.41	3.41	1.5	ANNUAL	PM25_31	5
Term131S	552144.8	4166526	0.005	3.34	3.34	1.5	ANNUAL	PM25_31	5
Term131S	552164.8	4166526	0.00527	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166526	0.00575	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166526	0.00555	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166526	0.00581	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166526	0.00683	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166526	0.00833	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166526	0.00686	3	3	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166526	0.00581	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166526	0.00503	2.73	2.73	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166526	0.00438	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166526	0.00387	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166526	0.00313	4.08	4.08	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166546	0.00081	4.12	4.12	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166546	0.00091	4.64	4.64	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166546	0.00104	4.64	4.64	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166546	0.00119	4.55	4.55	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166546	0.0014	4.09	4.09	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166546	0.00167	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166546	0.00203	3.63	3.63	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166546	0.00257	3.65	3.65	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166546	0.00346	3.72	3.72	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166546	0.00524	3.74	3.74	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166546	0.01129	3.8	3.8	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166546	0.00861	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166546	0.00701	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166546	0.00656	3.25	3.25	1.5	ANNUAL	PM25_31	5

UCART1	552304.8	4166546	0.00622	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166546	0.00642	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166546	0.00766	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166546	0.0082	2.82	2.82	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166546	0.00682	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166546	0.00581	2.63	2.63	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166546	0.00504	2.56	2.56	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166546	0.00441	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166546	0.00389	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166546	0.00315	3.87	3.87	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166566	0.00079	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166566	0.00089	3.85	3.85	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166566	0.00101	4.08	4.08	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166566	0.00114	4.2	4.2	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166566	0.00133	3.87	3.87	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166566	0.00158	3.62	3.62	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166566	0.00192	3.6	3.6	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166566	0.00241	3.59	3.59	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166566	0.0032	3.69	3.69	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166566	0.00472	3.64	3.64	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166566	0.01211	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166566	0.0092	3.33	3.33	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166566	0.00742	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166566	0.00682	3.09	3.09	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166566	0.00702	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166566	0.0086	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166566	0.00808	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166566	0.00677	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166566	0.0058	2.62	2.62	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166566	0.00504	2.61	2.61	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166566	0.00441	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166566	0.00349	3.81	3.81	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166566	0.00316	3.9	3.9	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166586	0.00087	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166586	0.00097	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166586	0.00111	3.82	3.82	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166586	0.00128	3.67	3.67	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166586	0.00151	3.54	3.54	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166586	0.00182	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166586	0.00228	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166586	0.00299	3.51	3.51	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166586	0.00432	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166586	0.00574	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166586	0.01305	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166586	0.00974	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166586	0.00777	3.09	3.09	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166586	0.00659	3.24	3.24	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166586	0.00738	3	3	1.5	ANNUAL	PM25_31	5

UCART1	552324.8	4166586	0.0076	2.83	2.83	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166586	0.00918	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166586	0.00804	2.73	2.73	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166586	0.00676	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166586	0.00581	2.62	2.62	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166586	0.00504	2.73	2.73	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166586	0.0044	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166586	0.00349	3.86	3.86	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166586	0.00315	3.93	3.93	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166606	0.00066	4.01	4.01	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166606	0.00084	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166606	0.00094	3.38	3.38	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166606	0.00107	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166606	0.00123	3.49	3.49	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166606	0.00145	3.49	3.49	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166606	0.00174	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166606	0.00218	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166606	0.00283	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166606	0.00399	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166606	0.00666	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166606	0.01019	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166606	0.01021	3.26	3.26	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166606	0.00802	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166606	0.00684	3.23	3.23	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166606	0.00789	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166606	0.00815	2.71	2.71	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166606	0.00919	2.74	2.74	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166606	0.0098	2.47	2.47	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166606	0.00806	2.54	2.54	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166606	0.0068	2.55	2.55	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166606	0.00583	2.58	2.58	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166606	0.00504	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166606	0.00389	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166606	0.00348	3.86	3.86	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166606	0.00315	3.88	3.88	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166626	0.00064	4.01	4.01	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166626	0.00081	3.04	3.04	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166626	0.00092	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166626	0.00104	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166626	0.00119	3.29	3.29	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166626	0.00139	3.44	3.44	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166626	0.00166	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166626	0.00207	3.11	3.11	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166626	0.00267	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166626	0.00369	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166626	0.00583	2.93	2.93	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166626	0.01091	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166626	0.00845	3.28	3.28	1.5	ANNUAL	PM25_31	5

UCART1	552104.8	4166626	0.00714	3.07	3.07	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166626	0.00839	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166626	0.00872	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166626	0.00945	2.76	2.76	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166626	0.00981	2.45	2.45	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166626	0.0081	2.48	2.48	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166626	0.00683	2.46	2.46	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166626	0.00582	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166626	0.00501	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166626	0.00388	3.37	3.37	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166626	0.00347	3.58	3.58	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166626	0.00314	3.71	3.71	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166646	0.00063	3.84	3.84	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166646	0.00079	3.16	3.16	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166646	0.00089	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166646	0.00101	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166646	0.00115	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166646	0.00134	3.41	3.41	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166646	0.00159	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166646	0.00197	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166646	0.00252	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166646	0.00342	2.97	2.97	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166646	0.0052	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166646	0.01163	2.65	2.65	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166646	0.00891	3.06	3.06	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166646	0.00743	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166646	0.00892	2.96	2.96	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166646	0.00938	2.66	2.66	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166646	0.00993	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166646	0.00988	2.44	2.44	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166646	0.00816	2.43	2.43	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166646	0.00684	2.42	2.42	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166646	0.00578	2.79	2.79	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166646	0.00432	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166646	0.00386	3.18	3.18	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166646	0.00347	3.32	3.32	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166646	0.00315	3.55	3.55	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166666	0.00061	3.48	3.48	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166666	0.00076	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166666	0.00086	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166666	0.00098	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166666	0.00111	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166666	0.00129	3.42	3.42	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166666	0.00153	3.36	3.36	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166666	0.00188	3.13	3.13	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166666	0.00236	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166666	0.00316	3.19	3.19	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166666	0.00469	3	3	1.5	ANNUAL	PM25_31	5

UCART1	552064.8	4166666	0.01235	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166666	0.00941	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166666	0.00771	2.86	2.86	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166666	0.00976	3.01	3.01	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166666	0.01035	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166666	0.01048	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166666	0.00998	2.45	2.45	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166666	0.00817	2.33	2.33	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166666	0.00677	2.48	2.48	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166666	0.00569	2.95	2.95	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166666	0.00429	3.31	3.31	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166666	0.00385	3.1	3.1	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166666	0.00347	3.4	3.4	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166666	0.00317	3.53	3.53	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166686	0.0006	3.57	3.57	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166686	0.00083	3	3	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166686	0.00095	2.91	2.91	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166686	0.00108	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166686	0.00125	3.22	3.22	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166686	0.00148	3.2	3.2	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166686	0.0018	3.02	3.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166686	0.00227	2.92	2.92	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166686	0.00298	2.97	2.97	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166686	0.00429	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166686	0.00658	2.85	2.85	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166686	0.0133	2.78	2.78	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166686	0.00994	2.77	2.77	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166686	0.00803	2.77	2.77	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166686	0.00688	3.02	3.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166686	0.0116	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166686	0.01211	2.57	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166686	0.01253	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166686	0.00995	2.54	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166686	0.00802	2.47	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166686	0.00661	2.66	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166686	0.00482	3.19	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166686	0.00428	3.09	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166686	0.00386	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166686	0.00351	3.35	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166686	0.00322	3.47	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166706	0.00058	3.5	3.5	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166706	0.00064	3.66	3.66	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166706	0.00081	3.12	3.12	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166706	0.00092	2.9	2.9	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166706	0.00105	2.94	2.94	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166706	0.00121	3.05	3.05	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166706	0.00143	3.08	3.08	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166706	0.00173	2.92	2.92	1.5	ANNUAL	PM25_31	5

UCART1	551984.8	4166706	0.00217	2.72	2.72	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166706	0.00283	2.8	2.8	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166706	0.00396	2.89	2.89	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166706	0.00656	2.88	2.88	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166706	0.01051	2.67	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166706	0.00835	2.79	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166706	0.00703	3	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166706	0.00669	2.45	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166706	0.00774	2.46	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166706	0.01525	2.57	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166706	0.01643	2.51	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552324.8	4166706	0.01595	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552344.8	4166706	0.01615	2.69	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166706	0.00967	2.62	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166706	0.00775	2.71	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552444.8	4166706	0.00642	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166706	0.00481	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166706	0.00432	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166706	0.00392	3.06	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166706	0.00359	3.24	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166706	0.00331	3.38	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551804.8	4166726	0.00057	3.14	3.14	1.5	ANNUAL	PM25_31	5
UCART1	551824.8	4166726	0.00063	3.39	3.39	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166726	0.00078	3.28	3.28	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166726	0.00089	2.88	2.88	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166726	0.00102	2.83	2.83	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166726	0.00118	2.98	2.98	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166726	0.00138	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166726	0.00167	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166726	0.00207	2.85	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166726	0.00267	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166726	0.00367	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166726	0.00577	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166726	0.01113	2.57	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166726	0.00862	3.06	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166726	0.00714	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166726	0.00638	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166726	0.00623	2.73	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166726	0.00618	2.47	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166726	0.00659	2.29	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166726	0.00746	2.34	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166726	0.00881	2.41	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166726	0.01064	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166726	0.01324	2.33	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166726	0.01496	2.37	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166726	0.00921	2.54	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166726	0.00738	3.07	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166726	0.00488	2.82	320.02	1.5	ANNUAL	PM25_31	5

UCART1	552504.8	4166726	0.00445	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166726	0.00406	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166726	0.00372	3.19	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166726	0.00341	3.2	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166746	0.00076	3.33	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166746	0.00087	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166746	0.00099	2.72	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166746	0.00114	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166746	0.00134	2.93	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166746	0.0016	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166746	0.00197	2.93	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166746	0.00253	2.84	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166746	0.00343	2.82	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166746	0.00518	2.8	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166746	0.01178	2.64	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166746	0.00898	3.16	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166746	0.00735	3.29	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166746	0.00643	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166746	0.00599	2.82	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166746	0.00578	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166746	0.00585	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166746	0.00616	2.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166746	0.00669	2.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166746	0.00741	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166746	0.00841	2.3	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166746	0.00979	2.35	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166746	0.00851	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166746	0.007	3.27	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166746	0.00558	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166746	0.00514	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166746	0.0047	2.76	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166746	0.00425	3.16	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166746	0.00384	3.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166746	0.0035	3.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166766	0.00066	3.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166766	0.00084	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166766	0.00096	2.68	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166766	0.00111	2.71	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166766	0.0013	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166766	0.00154	3.16	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166766	0.00189	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166766	0.0024	2.89	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166766	0.00321	2.81	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166766	0.00471	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166766	0.01252	2.73	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166766	0.00941	3.13	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166766	0.00762	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166766	0.00653	3.02	320.02	1.5	ANNUAL	PM25_31	5

UCART1	552164.8	4166766	0.00586	2.94	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166766	0.00551	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166766	0.00538	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166766	0.00545	2.6	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166766	0.00569	2.54	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166766	0.00609	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166766	0.00669	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166766	0.00762	2.4	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166766	0.00798	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166766	0.00701	3.35	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166766	0.00627	2.72	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166766	0.00568	2.69	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166766	0.00504	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166766	0.00445	3.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166766	0.00394	4.2	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166766	0.00357	3.92	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166786	0.00064	3.63	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166786	0.00082	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166786	0.00093	2.83	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166786	0.00107	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166786	0.00125	3.1	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166786	0.00147	3.46	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166786	0.00181	2.97	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166786	0.00227	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166786	0.00299	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166786	0.00429	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166786	0.00659	2.8	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552084.8	4166786	0.01347	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166786	0.00998	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166786	0.00795	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166786	0.00665	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166786	0.00584	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166786	0.00537	2.9	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166786	0.00516	2.54	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166786	0.00508	2.51	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166786	0.00515	2.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166786	0.00537	2.68	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166786	0.00579	2.69	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166786	0.00664	2.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166786	0.00767	2.63	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166786	0.00638	2.82	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166786	0.0054	3.25	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166786	0.00467	3.55	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166786	0.0041	3.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166786	0.00367	3.77	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166806	0.00063	3.63	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166806	0.00079	3.38	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166806	0.0009	3.23	320.02	1.5	ANNUAL	PM25_31	5

UCART1	551924.8	4166806	0.00103	3.22	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166806	0.0012	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166806	0.00143	3.37	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166806	0.00175	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166806	0.00217	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166806	0.00281	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166806	0.00394	2.93	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166806	0.00646	2.83	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166806	0.0105	2.82	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166806	0.00824	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166806	0.00679	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166806	0.00588	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166806	0.00531	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166806	0.00502	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166806	0.00485	2.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166806	0.00483	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166806	0.00497	2.7	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166806	0.00533	2.73	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166806	0.00622	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166806	0.01149	3.47	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166806	0.01051	2.98	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166806	0.00884	2.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166806	0.00697	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166806	0.00573	3.17	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166806	0.00488	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166806	0.00424	3.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166806	0.00376	3.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166826	0.00061	3.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551884.8	4166826	0.00076	3.73	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166826	0.00087	3.69	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166826	0.001	3.63	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166826	0.00116	3.52	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166826	0.00138	3.21	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166826	0.00168	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166826	0.00207	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166826	0.00266	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166826	0.00364	2.96	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166826	0.00568	2.85	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166826	0.01104	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166826	0.00853	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166826	0.00697	3.18	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166826	0.00596	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166826	0.00531	3.11	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166826	0.00495	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166826	0.00472	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166826	0.00465	2.59	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166826	0.00475	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166826	0.00512	2.62	320.02	1.5	ANNUAL	PM25_31	5

UCART1	552304.8	4166826	0.00608	2.45	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166826	0.01029	3.92	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166826	0.00952	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166826	0.00886	2.42	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166826	0.00715	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166826	0.00591	2.71	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166826	0.00502	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166826	0.00433	3.25	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552564.8	4166826	0.00382	3.18	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551844.8	4166846	0.0006	3.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551864.8	4166846	0.00067	3.53	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551904.8	4166846	0.00084	3.96	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551924.8	4166846	0.00096	3.9	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551944.8	4166846	0.00112	3.68	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551964.8	4166846	0.00132	3.42	320.02	1.5	ANNUAL	PM25_31	5
UCART1	551984.8	4166846	0.0016	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552004.8	4166846	0.00198	2.92	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552024.8	4166846	0.00251	3	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552044.8	4166846	0.00338	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552064.8	4166846	0.00509	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552104.8	4166846	0.0118	2.67	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552124.8	4166846	0.00899	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552144.8	4166846	0.00724	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552164.8	4166846	0.0061	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552184.8	4166846	0.00535	3.18	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552204.8	4166846	0.00492	2.78	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552224.8	4166846	0.00465	2.62	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552244.8	4166846	0.00455	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552264.8	4166846	0.00465	2.51	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552284.8	4166846	0.00504	2.5	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552304.8	4166846	0.00607	2.44	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552404.8	4166846	0.01034	2.41	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552424.8	4166846	0.00936	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552464.8	4166846	0.00874	2.46	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552484.8	4166846	0.0071	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552504.8	4166846	0.00591	2.79	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552524.8	4166846	0.00502	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART1	552544.8	4166846	0.00435	3.04	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551904.6	4166869	0.00081	4.03	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551924.6	4166869	0.00092	4.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166869	0.00107	3.81	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166869	0.00126	3.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166869	0.00152	3.22	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166869	0.00187	2.92	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166869	0.00235	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166869	0.00311	3.06	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166869	0.00454	2.84	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166869	0.00593	2.67	320.02	1.5	ANNUAL	PM25_31	5

UCART2	552104.6	4166869	0.01274	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166869	0.00953	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166869	0.00757	2.96	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166869	0.0063	3.04	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166869	0.00545	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166869	0.00493	3.03	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166869	0.00463	2.8	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166869	0.00451	2.59	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166869	0.00461	2.47	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166869	0.00503	2.45	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552304.6	4166869	0.00617	2.45	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166869	0.00926	2.66	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166869	0.01016	2.02	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166869	0.00922	2.48	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552464.6	4166869	0.00863	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166869	0.00701	2.66	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166869	0.00584	2.85	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552524.6	4166869	0.00497	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552544.6	4166869	0.00432	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551884.6	4166889	0.0007	3.59	356.4	1.5	ANNUAL	PM25_31	5
UCART2	551924.6	4166889	0.00089	4.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166889	0.00103	3.83	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166889	0.00121	3.51	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166889	0.00145	3.33	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166889	0.00178	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166889	0.00223	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166889	0.00291	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166889	0.00415	2.83	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166889	0.00712	2.75	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552104.6	4166889	0.01373	2.97	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166889	0.01	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166889	0.00787	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166889	0.00649	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166889	0.00558	3.07	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166889	0.00497	3.2	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166889	0.00464	3.02	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166889	0.00452	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166889	0.00463	2.55	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166889	0.00508	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552304.6	4166889	0.00635	2.52	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166889	0.01191	2.72	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166889	0.00987	2.57	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166889	0.00908	2.6	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552464.6	4166889	0.0085	2.61	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166889	0.00691	2.7	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166889	0.00575	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552524.6	4166889	0.00489	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551924.6	4166909	0.00087	3.97	356.4	1.5	ANNUAL	PM25_31	5

UCART2	551944.6	4166909	0.001	3.62	356.4	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166909	0.00117	3.34	356.4	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166909	0.00139	3.25	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166909	0.00168	3.13	345.72	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166909	0.0021	3.09	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166909	0.00274	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166909	0.0038	2.99	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166909	0.00612	2.94	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166909	0.01058	2.94	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166909	0.00822	3.07	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166909	0.00671	3.11	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166909	0.00574	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166909	0.00508	3.1	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166909	0.00469	3.17	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166909	0.00453	3.15	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166909	0.00463	3.12	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166909	0.00512	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552304.6	4166909	0.00656	2.87	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166909	0.01161	2.72	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166909	0.0096	2.84	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166909	0.00886	2.91	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552464.6	4166909	0.00833	2.7	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166909	0.0068	2.58	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166909	0.00566	2.79	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552524.6	4166909	0.00481	3.04	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551904.6	4166929	0.00074	3.93	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551924.6	4166929	0.00084	3.89	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166929	0.00096	3.65	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166929	0.00112	3.52	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166929	0.00132	3.22	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166929	0.0016	3.18	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166929	0.00198	3.14	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166929	0.00257	3.08	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166929	0.00352	3.03	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166929	0.00542	2.98	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166929	0.01121	2.95	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166929	0.00861	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166929	0.00697	3.11	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166929	0.0059	3.14	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166929	0.00519	3.29	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166929	0.00477	3.4	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166929	0.0046	3.48	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166929	0.0047	3.5	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166929	0.00525	3.43	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552304.6	4166929	0.00684	3.36	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166929	0.01112	2.77	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166929	0.00925	2.93	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166929	0.00862	3	320.02	1.5	ANNUAL	PM25_31	5

UCART2	552464.6	4166929	0.00814	2.83	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166929	0.00667	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166929	0.00555	2.7	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166949	0.00092	3.84	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166949	0.00106	3.8	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166949	0.00126	3.23	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166949	0.00151	3.19	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166949	0.00187	3.21	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166949	0.0024	3.15	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166949	0.00326	3.03	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166949	0.00487	2.97	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166949	0.01193	2.98	345.72	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166949	0.00905	3.04	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166949	0.00726	3.11	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166949	0.00607	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166949	0.00531	3.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166949	0.00488	3.63	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166949	0.00471	3.7	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166949	0.00486	3.64	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166949	0.0055	3.57	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166949	0.01051	2.84	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166949	0.00888	2.86	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166949	0.00839	2.88	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552464.6	4166949	0.00793	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552484.6	4166949	0.00651	2.53	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552504.6	4166949	0.00543	2.62	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551944.6	4166969	0.00088	4.26	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166969	0.00102	3.85	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166969	0.0012	3.49	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166969	0.00143	3.35	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166969	0.00175	3.37	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166969	0.00223	3.28	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166969	0.00301	3.16	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4166969	0.00438	3.3	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166969	0.01277	3.09	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166969	0.00947	3.29	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4166969	0.00756	3.24	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4166969	0.00638	2.91	345.72	1.5	ANNUAL	PM25_31	5
UCART2	552284.6	4166969	0.00615	2.19	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166969	0.00991	3.01	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166969	0.00845	3.05	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166969	0.00801	3.54	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4166989	0.00097	4.16	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4166989	0.00113	3.67	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4166989	0.00135	3.5	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4166989	0.00164	3.48	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4166989	0.00207	3.41	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4166989	0.00277	3.34	356.88	1.5	ANNUAL	PM25_31	5

UCART2	552084.6	4166989	0.00396	3.5	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552104.6	4166989	0.00688	3.14	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552124.6	4166989	0.01389	3.09	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4166989	0.01016	2.83	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4166989	0.00589	2.19	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4166989	0.00531	3.33	345.72	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4166989	0.00526	3.13	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4166989	0.00572	2.47	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552364.6	4166989	0.0117	3.32	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552384.6	4166989	0.00944	2.74	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552404.6	4166989	0.00806	3.08	320.02	1.5	ANNUAL	PM25_31	5
UCART2	552424.6	4166989	0.00776	3.48	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551964.6	4167009	0.00092	4.62	356.88	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4167009	0.00107	3.8	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4167009	0.00127	3.64	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4167009	0.00153	3.55	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4167009	0.00192	3.54	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4167009	0.00252	3.56	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4167009	0.00359	3.58	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552104.6	4167009	0.0059	3.57	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4167009	0.00682	3.64	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4167009	0.00599	3.57	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4167009	0.00552	4.03	356.4	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4167009	0.00554	4.2	348.95	1.5	ANNUAL	PM25_31	5
UCART2	552264.6	4167009	0.00632	4.36	320.02	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4167029	0.00101	4.15	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4167029	0.00119	3.82	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4167029	0.00144	3.55	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4167029	0.00178	3.58	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4167029	0.00231	3.56	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552084.6	4167029	0.00333	2.77	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4167029	0.01137	3.29	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4167029	0.00887	3.03	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4167029	0.00712	3.98	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4167029	0.00631	3.96	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4167029	0.006	3.93	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552244.6	4167029	0.00629	4.07	356.4	1.5	ANNUAL	PM25_31	5
UCART2	551984.6	4167049	0.00095	4.63	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552004.6	4167049	0.00112	3.92	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552024.6	4167049	0.00134	3.36	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552044.6	4167049	0.00167	3.04	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552064.6	4167049	0.00216	2.79	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552144.6	4167049	0.01217	3.84	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552164.6	4167049	0.00951	3.61	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552184.6	4167049	0.00774	4.13	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552204.6	4167049	0.00689	4.14	356.88	1.5	ANNUAL	PM25_31	5
UCART2	552224.6	4167049	0.00681	3.85	356.88	1.5	ANNUAL	PM25_31	5

Infinite 131 South

Offroad DPM (PM10 Exhaust)

tons	grams/sec	grams/sec/m^2
0.055	2.09E-03	5.75E-08

Offroad Fugitive PM2.5

	tons/yr	grams/sec	grams/sec/m^2
2026	0.095	1.02E-02	2.81E-07
2027	0.07	7.54E-03	2.07E-07
2028	0.01	1.08E-03	2.96E-08

Offroad Exhaust PM2.5

	tons/yr	grams/sec	grams/sec/m^2
2026	0.01	7.63E-04	2.10E-08
2027	0.01	7.22E-04	1.99E-08
2028	0.00	1.80E-04	4.95E-09

Total Combined

		Onroad PM2.5	tons/yr	grams/sec
50%	Total_Opt1	2026	2.35E-02	2.53E-03
		2027	3.59E-02	3.86E-03
		2028	1.71E-02	1.84E-03
50%	Total_Opt2	2026	3.49E-02	3.76E-03
		2027	5.33E-02	5.74E-03
		2028	2.54E-02	2.74E-03

Onroad DPM (PM10 exhaust)

		tons	grams/sec
Haul/Vendor	Opt1	4.28E-03	1.11E-05
	Opt2	4.28E-03	1.65E-05

Onroad Fugitive PM2.5

		tons/yr	grams/sec
50% Haul/Vendor Opt1	2026	5.13E-03	5.53E-04
	2027	2.33E-03	2.51E-04
	2028	8.22E-04	8.86E-05
50% Haul/Vendor Opt2	2026	7.62E-03	8.21E-04
	2027	3.46E-03	3.72E-04
	2028	1.22E-03	1.32E-04

Onroad Exhaust PM2.5

		tons/yr	grams/sec
50% Haul/Vendor	2026	7.32E-05	7.89E-06
	2027	6.98E-05	7.51E-06
	2028	4.88E-05	5.25E-06
50% Haul/Vendor	2026	1.09E-04	1.17E-05
	2027	1.04E-04	1.12E-05
	2028	7.25E-05	7.81E-06

Onroad Fugitive PM2.5

		tons/yr	grams/sec
50% Worker_Opt1	2026	1.83E-02	1.97E-03
	2027	3.35E-02	3.61E-03
	2028	1.62E-02	1.75E-03
50% Worker_Opt2	2026	2.72E-02	2.93E-03
	2027	4.98E-02	5.36E-03
	2028	2.41E-02	2.60E-03

Onroad Exhaust PM2.5

		tons/yr	grams/sec
50% Worker_Opt1	2026	0.00E+00	0.00E+00
	2027	0.00E+00	0.00E+00
	2028	0.00E+00	0.00E+00
50% Worker_Opt2	2026	0.00E+00	0.00E+00
	2027	0.00E+00	0.00E+00
	2028	0.00E+00	0.00E+00

total length and area of AERMOD onroad line vol

Haul/Vendor Option1	2600.3	meters
Haul/Vendor Option2	3864.2	meters
Worker_Option 1	2600.3	meters
Worker_Option 2	3864.2	meters
Onsite Area	36359.8	square meters

total length of haul route

Haul	40	miles	1 mile
	64373.6	meters	
Vendor	16.8	miles	1 mile
	27036.912	meters	
Worker_Opt1	23.4	miles	1 mile
	37658.556	meters	
Worker_Opt2	23.4	miles	1 mile
	37658.556	meters	

fraction of AERMOD line area source lengths to t

Haul Opt1	0.04039389
Vendor Opt1	0.09617592
Haul Opt2	0.06002771
Vendor Opt2	0.14292313
Worker_Opt1	0.06904938
Worker_Opt2	0.10261148

1 ton	=	907185	grams
1 ton	=	2000	pounds

assume 8am to 5pm operation of haul trucks and

8424000	operational seconds/year
23878800	operational seconds over the entir

								avg lbs/day onroad haul vendor
							workdays	PM10 exh
			Building & Demo/Abateme	Demolition	1/1/2026	3/1/2026	5	42	0.02
			Rough Grading/Site Demo	Grading	3/2/2026	4/16/2026	5	34	0.02
			Deep Foundations	Building Co	3/16/2026	9/10/2026	5	129	0.015
lume sources			Foundations	Building Co	7/24/2026	11/17/2026	5	83	0.01
			Superstructure	Building Co	10/16/2026	10/26/2027	5	268	0.025
			Building Enclosure	Building Co	8/19/2027	3/7/2028	5	144	0.01
			Sitework	Paving	2/14/2028	8/28/2028	5	141	0.005
			Interior Buildout	Architectur	2/4/2027	4/14/2028	5	312	0.01
			Startup/Inspections	Architectur	2/7/2028	10/1/2028	5	170	0.005
							total		17.1
						12/31/2026			
					1/1/2027	12/31/2027			
					1/1/2028				

		total tons PM25 exhaust haul	
		2026	1.54E-03
		2027	7.75E-04
		2028	1.18E-04
		total tons PM25 exhaust vendor	
		2026	8.75E-04
		2027	1.13E-03
		2028	9.65E-04
		total tons PM25 fugitive haul	
		2026	0.135
=	1609.34 meters	2027	0.02
		2028	0.005
=	1609.34 meters	total tons PM25 fugitive vendor	
		2026	0.05
=	1609.34 meters	2027	0.04
		2028	0.015
=	1609.34 meters	total tons PM25 fugitive worker	
		2026	0.53
rip route length		2027	0.97
		2028	0.47
		total tons PM25 exhaust worker	
		2026	0
		2027	0
		2028	0

d offroad equip Mon-Fri

e construction duration

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Z	Averagin Pe	Source Gro
UCART1	552064.8	4166026	0.00496	4.6	4.6	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166026	0.00521	4.06	4.06	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166026	0.00548	3.76	3.76	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166026	0.00574	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166026	0.00597	3.84	3.84	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166026	0.00621	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166026	0.0064	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166026	0.00663	3.16	3.16	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166026	0.00687	3	3	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166026	0.00709	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166026	0.00729	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166026	0.00752	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166026	0.00783	2.98	2.98	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166026	0.00828	3.02	3.02	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166026	0.00902	2.88	2.88	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166026	0.01032	2.63	2.63	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166046	0.00637	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166046	0.00665	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166046	0.00691	3.73	3.73	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166046	0.00718	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166046	0.00742	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166046	0.00758	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166046	0.0077	3.46	3.46	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166046	0.00787	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166046	0.00804	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166046	0.0082	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166046	0.00834	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166046	0.00852	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166046	0.00887	3.03	3.03	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166046	0.00946	2.68	2.68	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166046	0.01044	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166046	0.01227	2.37	2.37	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166066	0.00607	4.58	4.58	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166066	0.00632	4.32	4.32	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166066	0.00654	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166066	0.00684	4.1	4.1	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166066	0.00718	3.84	3.84	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166066	0.00759	3.7	3.7	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166066	0.00801	3.7	3.7	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166066	0.00843	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166066	0.00873	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166066	0.0089	3.76	3.76	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166066	0.00909	3.7	3.7	1.5	ANNUAL	PM25_26

UCART1	552144.8	4166066	0.00927	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166066	0.0093	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166066	0.00933	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166066	0.00937	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166066	0.0094	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166066	0.00943	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166066	0.00948	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166066	0.0096	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166066	0.01	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166066	0.01073	2.56	2.56	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166066	0.012	2.3	2.3	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166066	0.01456	2.29	2.29	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166086	0.00712	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166086	0.00749	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166086	0.00794	4.65	4.65	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166086	0.00868	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166086	0.00961	3.82	3.82	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166086	0.01043	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166086	0.01101	3.65	3.65	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166086	0.01147	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166086	0.01164	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166086	0.01163	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166086	0.01165	3.73	3.73	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166086	0.01165	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166086	0.0115	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166086	0.01134	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166086	0.01113	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166086	0.01093	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166086	0.01079	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166086	0.01071	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166086	0.01077	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166086	0.01128	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166086	0.01217	2.59	2.59	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166086	0.01383	2.38	2.38	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166086	0.01715	2.34	2.34	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166086	0.03267	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166086	0.02828	3	3	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166086	0.02531	2.42	2.42	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166086	0.02299	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166086	0.02127	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166086	0.01996	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166106	0.00725	4.88	4.88	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166106	0.00793	4.68	4.68	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166106	0.00859	4.62	4.62	1.5	ANNUAL	PM25_26

UCART1	551944.8	4166106	0.00922	4.94	4.94	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166106	0.01029	5.06	5.06	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166106	0.01202	4.8	4.8	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166106	0.01391	4.16	4.16	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166106	0.01518	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166106	0.01573	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166106	0.01591	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166106	0.01571	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166106	0.01551	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166106	0.0152	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166106	0.01479	3.82	3.82	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166106	0.0143	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166106	0.01373	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166106	0.01315	2.54	2.54	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166106	0.01267	2.4	2.4	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166106	0.01236	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166106	0.01219	2.61	2.61	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166106	0.01218	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166106	0.01274	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166106	0.01384	2.78	2.78	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166106	0.01597	2.59	2.59	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166106	0.02	2.47	2.47	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166106	0.0349	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166106	0.03065	2.84	2.84	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166106	0.02764	2.61	2.61	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166106	0.02534	2.68	2.68	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166106	0.02351	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166106	0.022	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166126	0.00739	4.78	4.78	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166126	0.00863	4.77	4.77	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166126	0.00983	4.62	4.62	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166126	0.01103	4.62	4.62	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166126	0.01277	5	5	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166126	0.01585	5.31	5.31	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166126	0.01923	5.06	5.06	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166126	0.02178	4.41	4.41	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166126	0.02306	3.8	3.8	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166126	0.02318	3.46	3.46	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166126	0.02273	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166126	0.02191	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166126	0.02123	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166126	0.02027	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166126	0.01894	3.92	3.92	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166126	0.01757	3.71	3.71	1.5	ANNUAL	PM25_26

UCART1	552184.8	4166126	0.01635	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166126	0.01524	2.4	2.4	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166126	0.01446	2.26	2.26	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166126	0.01398	2.26	2.26	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166126	0.01377	2.35	2.35	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166126	0.01387	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166126	0.01457	2.78	2.78	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166126	0.01598	2.71	2.71	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166126	0.01861	2.58	2.58	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166126	0.02334	2.58	2.58	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166126	0.03754	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166126	0.03324	2.77	2.77	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166126	0.03008	2.74	2.74	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166126	0.02766	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166126	0.02566	2.75	2.75	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166126	0.02396	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166146	0.00683	4.84	4.84	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166146	0.00833	4.67	4.67	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166146	0.01053	4.62	4.62	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166146	0.01333	4.54	4.54	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166146	0.01683	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166146	0.02515	4.83	4.83	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166146	0.03124	5.39	5.39	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166146	0.03457	5.1	5.1	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166146	0.03628	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166146	0.0369	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166146	0.03628	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166146	0.03452	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166146	0.03253	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166146	0.03041	3.6	3.6	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166146	0.0273	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166146	0.02389	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166146	0.02106	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166146	0.01913	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166146	0.01746	2.61	2.61	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166146	0.01641	2.65	2.65	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166146	0.01582	2.6	2.6	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166146	0.01564	2.45	2.45	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166146	0.01599	2.45	2.45	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166146	0.01699	2.53	2.53	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166146	0.01891	2.38	2.38	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166146	0.02213	2.35	2.35	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166146	0.02738	2.69	2.69	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166146	0.0406	2.64	2.64	1.5	ANNUAL	PM25_26

UCART1	552484.8	4166146	0.03602	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166146	0.03261	2.81	2.81	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166146	0.02989	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166146	0.02769	2.87	2.87	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166146	0.02583	2.77	2.77	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166166	0.0061	4.89	4.89	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166166	0.00737	4.93	4.93	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166166	0.00927	4.86	4.86	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166166	0.0127	4.75	4.75	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166166	0.05991	4.38	4.38	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166166	0.07325	4.46	4.46	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166166	0.06484	4.25	4.25	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166166	0.06977	3.97	3.97	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166166	0.07057	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166166	0.0667	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166166	0.06092	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166166	0.05449	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166166	0.04443	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166166	0.03571	3.3	3.3	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166166	0.02945	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166166	0.02501	3.09	3.09	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166166	0.02199	2.82	2.82	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166166	0.01982	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166166	0.01854	2.98	2.98	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166166	0.01797	2.97	2.97	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166166	0.01804	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166166	0.01882	2.62	2.62	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166166	0.02039	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166166	0.02312	2.68	2.68	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166166	0.02691	2.59	2.59	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166166	0.03245	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166166	0.05036	2.78	2.78	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166166	0.04388	2.15	2.15	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166166	0.03905	2.39	2.39	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166166	0.03514	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166166	0.03211	3.05	3.05	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166166	0.02967	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166166	0.0276	2.84	2.84	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166186	0.00537	4.79	4.79	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166186	0.0064	4.87	4.87	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166186	0.00788	4.91	4.91	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166186	0.01024	4.81	4.81	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166186	0.01493	4.68	4.68	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166186	0.06362	4.43	4.43	1.5	ANNUAL	PM25_26

UCART1	551944.8	4166186	0.05856	4.41	4.41	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166186	0.05946	4.15	4.15	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166186	0.06213	3.85	3.85	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166186	0.06576	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166186	0.07042	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166186	0.06872	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166186	0.07895	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166186	0.05547	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166186	0.04251	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166186	0.03428	3.02	3.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166186	0.02862	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166186	0.02481	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166186	0.02236	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166186	0.02109	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166186	0.02081	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166186	0.02149	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166186	0.0233	2.43	2.43	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166186	0.02611	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166186	0.02954	2.5	2.5	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166186	0.03365	2.51	2.51	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166186	0.03909	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166186	0.03784	2.75	2.75	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166186	0.03452	2.74	2.74	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166186	0.03168	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166186	0.02929	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166206	0.00553	4.8	4.8	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166206	0.00664	4.89	4.89	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166206	0.00835	4.78	4.78	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166206	0.01126	4.57	4.57	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166206	0.01705	4.46	4.46	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166206	0.06385	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166206	0.05136	4.84	4.84	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166206	0.04704	4.36	4.36	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166206	0.04563	3.85	3.85	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166206	0.04576	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166206	0.04727	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166206	0.0513	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166206	0.07236	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166206	0.05631	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166206	0.04535	3.26	3.26	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166206	0.03754	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166206	0.03162	3.61	3.61	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166206	0.02771	3.27	3.27	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166206	0.02537	3.16	3.16	1.5	ANNUAL	PM25_26

UCART1	552224.8	4166206	0.02461	3.07	3.07	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166206	0.02529	3.03	3.03	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166206	0.02763	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166206	0.05824	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166206	0.05069	2.12	2.12	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166206	0.03685	1.62	1.62	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166206	0.03375	2.52	2.52	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166206	0.0309	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166226	0.00568	4.64	4.64	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166226	0.00694	4.4	4.4	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166226	0.00891	4.18	4.18	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166226	0.0122	4.27	4.27	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166226	0.04632	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166226	0.05081	4.66	4.66	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166226	0.04432	4.32	4.32	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166226	0.04118	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166226	0.04013	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166226	0.04143	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166226	0.04766	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166226	0.06737	3.69	3.69	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166226	0.05471	3.77	3.77	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166226	0.0465	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166226	0.0405	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166226	0.03552	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166226	0.03176	3.3	3.3	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166226	0.06187	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166226	0.04306	2.68	2.68	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166226	0.03904	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166226	0.03257	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166246	0.00581	4.53	4.53	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166246	0.00721	4.09	4.09	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166246	0.00938	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166246	0.01263	4.17	4.17	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166246	0.01813	4.33	4.33	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166246	0.02928	4.45	4.45	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166246	0.03391	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166246	0.05118	4.58	4.58	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166246	0.04347	4.41	4.41	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166246	0.03973	4.19	4.19	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166246	0.03856	4.1	4.1	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166246	0.04036	3.97	3.97	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166246	0.04881	3.76	3.76	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166246	0.05208	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166246	0.06587	3.73	3.73	1.5	ANNUAL	PM25_26

UCART1	552104.8	4166246	0.05518	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166246	0.04862	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166246	0.04455	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166246	0.04169	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166246	0.04492	2.05	2.05	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166246	0.06132	2.49	2.49	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166246	0.06924	3.16	3.16	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166246	0.06956	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166246	0.0672	3.27	3.27	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166246	0.06489	3.17	3.17	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166246	0.06348	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166246	0.07706	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166246	0.06557	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166246	0.05698	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166246	0.0505	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166246	0.04514	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166246	0.04071	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166246	0.0372	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166266	0.00593	4.46	4.46	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166266	0.00742	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166266	0.00958	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166266	0.01256	4.26	4.26	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166266	0.0177	4.33	4.33	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166266	0.0282	4.42	4.42	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166266	0.0517	4.6	4.6	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166266	0.04351	4.67	4.67	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166266	0.03967	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166266	0.03882	4.43	4.43	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166266	0.04119	4.25	4.25	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166266	0.05068	3.92	3.92	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166266	0.06586	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166266	0.06764	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166266	0.0581	3.62	3.62	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166266	0.05281	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166266	0.05106	2.87	2.87	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166266	0.07047	2.78	2.78	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166266	0.18812	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166266	0.13671	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166266	0.11374	3.3	3.3	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166266	0.09868	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166266	0.08783	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166266	0.08039	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166266	0.07569	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166266	0.08215	3.27	3.27	1.5	ANNUAL	PM25_26

UCART1	552444.8	4166266	0.06968	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166266	0.06035	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166266	0.05335	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166266	0.04742	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166266	0.04245	3.62	3.62	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166266	0.03836	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166266	0.03483	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166286	0.00604	4.36	4.36	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166286	0.00748	4.11	4.11	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166286	0.00941	4.23	4.23	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166286	0.01232	4.11	4.11	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166286	0.01694	4.18	4.18	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166286	0.02591	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166286	0.05566	4.49	4.49	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166286	0.04651	4.29	4.29	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166286	0.04185	4.28	4.28	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166286	0.04057	4.41	4.41	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166286	0.04313	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166286	0.05351	3.93	3.93	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166286	0.08683	3.56	3.56	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166286	0.07067	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166286	0.06267	3.49	3.49	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166286	0.06056	2.81	2.81	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166286	0.10315	2.55	2.55	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166286	0.29153	3.21	3.21	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166286	0.36479	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166286	0.23737	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166286	0.16951	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166286	0.13305	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166286	0.11123	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166286	0.09756	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166286	0.08905	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166286	0.08687	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166286	0.07351	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166286	0.06354	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166286	0.05594	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166286	0.04944	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166286	0.04399	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166286	0.03946	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166286	0.03565	3.65	3.65	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166306	0.00428	5.27	5.27	1.5	ANNUAL	PM25_26
UCART1	551784.8	4166306	0.00506	4.78	4.78	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166306	0.00609	4.32	4.32	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166306	0.00743	4.26	4.26	1.5	ANNUAL	PM25_26

UCART1	551844.8	4166306	0.00918	4.48	4.48	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166306	0.01194	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166306	0.01594	4	4	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166306	0.02274	4.2	4.2	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166306	0.03423	4.34	4.34	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166306	0.06576	4.36	4.36	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166306	0.0516	4.09	4.09	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166306	0.04513	4.13	4.13	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166306	0.043	4.36	4.36	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166306	0.04566	4.29	4.29	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166306	0.05628	3.95	3.95	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166306	0.07149	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166306	0.07719	3.11	3.11	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166306	0.14618	3.31	3.31	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166306	0.3475	3.33	3.33	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166306	0.4176	3.61	3.61	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166306	0.45647	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166306	0.32315	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166306	0.21908	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166306	0.16626	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166306	0.13463	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166306	0.11501	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166306	0.10269	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166306	0.0911	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166306	0.07707	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166306	0.06646	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166306	0.05816	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166306	0.0511	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166306	0.04525	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166306	0.04039	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166306	0.03634	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166326	0.00435	4.79	4.79	1.5	ANNUAL	PM25_26
UCART1	551784.8	4166326	0.00511	4.51	4.51	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166326	0.00609	4.35	4.35	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166326	0.00731	4.39	4.39	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166326	0.00897	4.3	4.3	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166326	0.01148	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166326	0.01483	3.77	3.77	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166326	0.01999	4.09	4.09	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166326	0.02972	4.26	4.26	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166326	0.05772	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166326	0.04885	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166326	0.04584	4.29	4.29	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166326	0.04835	4.19	4.19	1.5	ANNUAL	PM25_26

UCART1	552044.8	4166326	0.05876	4.03	4.03	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166326	0.06476	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166326	0.11016	2.72	2.72	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166326	0.251	2.98	2.98	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166326	0.3992	3.29	3.29	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166326	0.46476	3.47	3.47	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166326	0.46144	4.02	4.02	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166326	0.49894	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166326	0.39788	3.27	3.27	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166326	0.26091	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166326	0.19427	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166326	0.1557	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166326	0.13137	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166326	0.11556	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166326	0.09505	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166326	0.08048	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166326	0.06915	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166326	0.06007	3.03	3.03	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166326	0.05239	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166326	0.04625	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166326	0.04117	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166326	0.03689	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166346	0.00437	4.79	4.79	1.5	ANNUAL	PM25_26
UCART1	551784.8	4166346	0.00511	4.59	4.59	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166346	0.00596	5.05	5.05	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166346	0.007	5.62	5.62	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166346	0.0085	5.2	5.2	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166346	0.01063	4.5	4.5	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166346	0.01362	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166346	0.0178	4.08	4.08	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166346	0.02475	4.28	4.28	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166346	0.03245	4.17	4.17	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166346	0.0672	4.15	4.15	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166346	0.0536	4.34	4.34	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166346	0.04885	4.32	4.32	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166346	0.05049	4.18	4.18	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166346	0.06124	4.03	4.03	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166346	0.12116	2.83	2.83	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166346	0.19326	2.89	2.89	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166346	0.33644	3.13	3.13	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166346	0.43491	3.24	3.24	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166346	0.5031	3.2	3.2	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166346	0.53263	3.38	3.38	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166346	0.52447	3.78	3.78	1.5	ANNUAL	PM25_26

Term131S	552224.8	4166346	0.53991	3.6	3.6	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166346	0.46576	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166346	0.30102	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166346	0.2189	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166346	0.17358	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166346	0.1455	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166346	0.12691	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166346	0.09787	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166346	0.08262	3.15	3.15	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166346	0.0708	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166346	0.06127	2.81	2.81	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166346	0.05311	3.3	3.3	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166346	0.0468	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166346	0.04155	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166346	0.03718	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166366	0.00435	4.82	4.82	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166366	0.00584	5.3	5.3	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166366	0.00677	6.04	6.04	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166366	0.00815	5.49	5.49	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166366	0.00999	4.89	4.89	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166366	0.01264	4.05	4.05	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166366	0.01616	4.02	4.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166366	0.02152	4.2	4.2	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166366	0.0319	4.1	4.1	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166366	0.05988	4.23	4.23	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166366	0.05258	4.26	4.26	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166366	0.05271	4.13	4.13	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166366	0.06258	3.98	3.98	1.5	ANNUAL	PM25_26
Term131S	552064.8	4166366	0.11072	3.93	3.93	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166366	0.2842	3.53	3.53	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166366	0.37889	3.46	3.46	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166366	0.44939	3.4	3.4	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166366	0.51138	3.26	3.26	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166366	0.56156	3.08	3.08	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166366	0.58192	3.2	3.2	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166366	0.58484	3.39	3.39	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166366	0.57497	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166366	0.52969	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166366	0.34106	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166366	0.2424	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166366	0.18908	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166366	0.15724	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166366	0.13624	3.15	3.15	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166366	0.0993	3.33	3.33	1.5	ANNUAL	PM25_26

UCART1	552444.8	4166366	0.08348	3.17	3.17	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166366	0.07141	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166366	0.0617	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166366	0.0533	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166366	0.04693	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166366	0.04157	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166366	0.03723	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166386	0.00433	4.81	4.81	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166386	0.0058	4.48	4.48	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166386	0.00677	4.53	4.53	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166386	0.00805	4.19	4.19	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166386	0.00975	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166386	0.01192	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166386	0.01492	3.78	3.78	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166386	0.01936	3.86	3.86	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166386	0.02678	3.97	3.97	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166386	0.03914	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166386	0.06927	3.84	3.84	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166386	0.05762	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166386	0.05577	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166386	0.06534	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166386	0.10501	3.91	3.91	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166386	0.30238	3.46	3.46	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166386	0.4207	3.3	3.3	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166386	0.49764	3.17	3.17	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166386	0.55329	3.04	3.04	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166386	0.59367	2.93	2.93	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166386	0.61351	3.02	3.02	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166386	0.61286	3.26	3.26	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166386	0.59791	3.45	3.45	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166386	0.566	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166386	0.37954	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166386	0.26578	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166386	0.2028	3.6	3.6	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166386	0.16649	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166386	0.143	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166386	0.0995	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166386	0.0834	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166386	0.07106	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166386	0.06128	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166386	0.05302	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166386	0.04647	3.76	3.76	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166386	0.04119	4.08	4.08	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166386	0.03703	3.93	3.93	1.5	ANNUAL	PM25_26

UCART1	551764.8	4166406	0.00429	4.89	4.89	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166406	0.00567	4.43	4.43	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166406	0.00656	4.46	4.46	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166406	0.00772	4.25	4.25	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166406	0.0093	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166406	0.01118	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166406	0.01383	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166406	0.01761	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166406	0.02338	3.93	3.93	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166406	0.03438	3.95	3.95	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166406	0.06378	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166406	0.05983	3.82	3.82	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166406	0.0685	3.78	3.78	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166406	0.10218	3.79	3.79	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166406	0.28356	3.45	3.45	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166406	0.42943	3.19	3.19	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166406	0.51108	3.05	3.05	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166406	0.56628	2.95	2.95	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166406	0.60645	2.86	2.86	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166406	0.62886	2.92	2.92	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166406	0.62823	3.19	3.19	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166406	0.61034	3.45	3.45	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166406	0.58721	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166406	0.41822	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166406	0.28776	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166406	0.21453	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166406	0.173	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166406	0.14684	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166406	0.09816	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166406	0.08214	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166406	0.06994	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166406	0.06038	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166406	0.05236	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166406	0.04587	3.93	3.93	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166406	0.04077	4.17	4.17	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166406	0.03668	4.07	4.07	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166426	0.00554	4.47	4.47	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166426	0.00636	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166426	0.00741	4.45	4.45	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166426	0.00886	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166426	0.01056	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166426	0.01295	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166426	0.01625	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166426	0.02101	3.87	3.87	1.5	ANNUAL	PM25_26

UCART1	551964.8	4166426	0.02924	3.92	3.92	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166426	0.07029	3.69	3.69	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166426	0.06407	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166426	0.07081	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166426	0.0981	3.68	3.68	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166426	0.24627	3.46	3.46	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166426	0.4209	3.13	3.13	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166426	0.50973	3.01	3.01	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166426	0.56593	2.96	2.96	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166426	0.60858	2.86	2.86	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166426	0.63413	2.88	2.88	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166426	0.63417	3.17	3.17	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166426	0.61546	3.47	3.47	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166426	0.59733	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166426	0.4569	3.27	3.27	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166426	0.30578	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166426	0.2226	3.56	3.56	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166426	0.17568	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166426	0.14684	3.07	3.07	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166426	0.09551	2.98	2.98	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166426	0.07991	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166426	0.0682	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166426	0.05909	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166426	0.05136	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166426	0.04511	3.92	3.92	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166426	0.04026	3.99	3.99	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166426	0.03617	4.12	4.12	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166446	0.00625	4.03	4.03	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166446	0.00725	3.96	8.39	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166446	0.00854	3.65	8.39	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166446	0.01014	3.6	8.39	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166446	0.01229	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166446	0.01521	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166446	0.0194	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166446	0.02614	3.87	3.87	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166446	0.04043	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166446	0.06791	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166446	0.07187	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166446	0.09284	3.82	3.82	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166446	0.19569	3.47	3.47	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166446	0.39245	3.21	3.21	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166446	0.48847	3.22	3.22	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166446	0.54489	3.25	3.25	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166446	0.59237	3.12	3.12	1.5	ANNUAL	PM25_26

Term131S	552184.8	4166446	0.62921	2.94	2.94	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166446	0.62985	3.22	3.22	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166446	0.61343	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166446	0.59485	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166446	0.49042	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166446	0.31698	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166446	0.22465	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166446	0.17317	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166446	0.14261	3.09	3.09	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166446	0.09143	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166446	0.07696	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166446	0.0661	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166446	0.05745	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166446	0.04997	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166446	0.04414	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166446	0.03946	3.86	3.86	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166446	0.03553	4.01	4.01	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166466	0.00607	4.37	4.37	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166466	0.00692	4.91	8.39	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166466	0.00792	5.72	8.39	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166466	0.0094	5.25	8.39	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166466	0.01155	4.08	8.39	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166466	0.01442	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166466	0.01821	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166466	0.02409	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166466	0.03515	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166466	0.07207	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166466	0.07265	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166466	0.08948	3.73	3.73	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166466	0.14622	3.65	3.65	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166466	0.35381	3.36	3.36	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166466	0.4658	3.34	3.34	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166466	0.52709	3.38	3.38	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166466	0.57565	3.27	3.27	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166466	0.61845	3	3	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166466	0.62316	3.18	3.18	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166466	0.61038	3.42	3.42	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166466	0.58467	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552264.8	4166466	0.51694	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166466	0.31663	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166466	0.21785	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166466	0.16472	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166466	0.13401	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166466	0.08709	3.25	3.25	1.5	ANNUAL	PM25_26

UCART1	552444.8	4166466	0.07358	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166466	0.06345	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166466	0.05536	2.81	2.81	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166466	0.04834	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166466	0.04289	3.61	3.61	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166466	0.03845	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166486	0.00589	4.93	4.93	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166486	0.00661	6.14	8.39	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166486	0.00731	8.08	8.08	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166486	0.00874	7.1	7.1	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166486	0.01097	4.75	7.05	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166486	0.01386	3.32	7.05	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166486	0.0174	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166486	0.0227	3.78	3.78	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166486	0.0319	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166486	0.07726	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166486	0.07347	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166486	0.0863	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166486	0.12641	3.86	3.86	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166486	0.3173	3.54	3.54	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166486	0.44378	3.39	3.39	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166486	0.51176	3.4	3.4	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166486	0.55566	3.37	3.37	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166486	0.59888	3.06	3.06	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166486	0.60505	3.06	3.06	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166486	0.5444	3.27	3.27	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166486	0.51799	3.4	3.4	1.5	ANNUAL	PM25_26
Term131S	552264.8	4166486	0.48469	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166486	0.30098	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166486	0.20039	3.56	3.56	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166486	0.14863	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166486	0.12172	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166486	0.08253	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166486	0.06979	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166486	0.06032	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166486	0.05289	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166486	0.04652	3.23	3.23	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166486	0.04138	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166486	0.03723	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166506	0.0058	4.76	4.76	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166506	0.00654	5.64	5.64	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166506	0.00735	7	7	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166506	0.00889	5.3	8.39	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166506	0.01087	4.02	7.05	1.5	ANNUAL	PM25_26

UCART1	551924.8	4166506	0.01345	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166506	0.01691	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166506	0.02185	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166506	0.02986	3.49	3.49	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166506	0.04555	3.46	3.46	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166506	0.082	3.56	3.56	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166506	0.0741	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166506	0.08329	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166506	0.11729	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166506	0.29401	3.49	3.49	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166506	0.42063	3.41	3.41	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166506	0.49339	3.37	3.37	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166506	0.53143	3.37	3.37	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166506	0.55493	3.18	3.18	1.5	ANNUAL	PM25_26
Term131S	552264.8	4166506	0.36144	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166506	0.2517	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166506	0.16495	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166506	0.12707	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166506	0.10822	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166506	0.07745	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166506	0.06576	3.17	3.17	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166506	0.05707	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166506	0.05024	2.84	2.84	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166506	0.04437	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166506	0.03958	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166506	0.03567	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166526	0.00574	4.47	4.47	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166526	0.00649	5.15	5.15	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166526	0.0074	5.83	5.83	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166526	0.00887	4.58	4.58	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166526	0.01072	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166526	0.01316	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166526	0.01647	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166526	0.02107	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166526	0.02817	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166526	0.04116	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166526	0.07454	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166526	0.07929	3.61	3.61	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166526	0.10232	3.47	3.47	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166526	0.25023	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166526	0.38684	3.41	3.41	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166526	0.44168	3.34	3.34	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166526	0.44703	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166526	0.15103	3.31	3.31	1.5	ANNUAL	PM25_26

UCART1	552304.8	4166526	0.1237	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166526	0.10499	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166526	0.095	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166526	0.07177	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166526	0.06143	3	3	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166526	0.05364	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166526	0.04745	2.73	2.73	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166526	0.0421	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166526	0.03766	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166526	0.03091	4.08	4.08	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166546	0.00569	4.12	4.12	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166546	0.00646	4.64	4.64	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166546	0.00747	4.64	4.64	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166546	0.00877	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166546	0.01055	4.09	4.09	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166546	0.01291	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166546	0.01602	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166546	0.0203	3.65	3.65	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166546	0.02662	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166546	0.03766	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166546	0.07496	3.8	3.8	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166546	0.07483	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166546	0.08844	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166546	0.10328	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166546	0.09296	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166546	0.08611	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166546	0.0838	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166546	0.06615	2.82	2.82	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166546	0.05719	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166546	0.05027	2.63	2.63	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166546	0.04467	2.56	2.56	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166546	0.03987	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166546	0.03569	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166546	0.02956	3.87	3.87	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166566	0.00567	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166566	0.00649	3.85	3.85	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166566	0.00749	4.08	4.08	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166566	0.00877	4.2	4.2	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166566	0.01052	3.87	3.87	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166566	0.01277	3.62	3.62	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166566	0.01569	3.6	3.6	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166566	0.01968	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166566	0.02542	3.69	3.69	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166566	0.03505	3.64	3.64	1.5	ANNUAL	PM25_26

UCART1	552044.8	4166566	0.07646	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166566	0.07318	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166566	0.07932	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166566	0.07488	3.09	3.09	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166566	0.07216	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166566	0.07546	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166566	0.06087	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166566	0.05302	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166566	0.04693	2.62	2.62	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166566	0.04189	2.61	2.61	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166566	0.03742	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166566	0.03065	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166566	0.02808	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166586	0.00653	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166586	0.00753	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166586	0.00881	3.82	3.82	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166586	0.01049	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166586	0.01263	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166586	0.01539	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166586	0.01913	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166586	0.02438	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166586	0.03284	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166586	0.04251	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166586	0.07837	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166586	0.07064	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166586	0.06881	3.09	3.09	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166586	0.06903	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166586	0.06401	3	3	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166586	0.06353	2.83	2.83	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166586	0.06853	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166586	0.05645	2.73	2.73	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166586	0.04942	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166586	0.04393	2.62	2.62	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166586	0.03928	2.73	2.73	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166586	0.0351	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166586	0.02898	3.86	3.86	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166586	0.02661	3.93	3.93	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166606	0.00493	4.01	4.01	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166606	0.00656	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166606	0.00758	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166606	0.00887	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166606	0.01045	3.49	3.49	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166606	0.01247	3.49	3.49	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166606	0.0151	3.36	3.36	1.5	ANNUAL	PM25_26

UCART1	551964.8	4166606	0.01863	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166606	0.02342	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166606	0.03087	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166606	0.04523	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166606	0.0637	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166606	0.06735	3.26	3.26	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166606	0.0613	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166606	0.05906	3.23	3.23	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166606	0.05744	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166606	0.05819	2.71	2.71	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166606	0.06179	2.74	2.74	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166606	0.06146	2.47	2.47	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166606	0.05296	2.54	2.54	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166606	0.04648	2.55	2.55	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166606	0.04131	2.58	2.58	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166606	0.03686	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166606	0.03004	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166606	0.02741	3.86	3.86	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166606	0.02525	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166626	0.00494	4.01	4.01	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166626	0.00659	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166626	0.00763	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166626	0.00889	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166626	0.01041	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166626	0.01229	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166626	0.01472	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166626	0.01798	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166626	0.02237	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166626	0.02877	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166626	0.04021	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166626	0.0664	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166626	0.05762	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166626	0.05343	3.07	3.07	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166626	0.05328	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166626	0.05499	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166626	0.0579	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166626	0.05801	2.45	2.45	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166626	0.05007	2.48	2.48	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166626	0.04396	2.46	2.46	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166626	0.03893	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166626	0.03463	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166626	0.02844	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166626	0.02604	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166626	0.02402	3.71	3.71	1.5	ANNUAL	PM25_26

UCART1	551804.8	4166646	0.00498	3.84	3.84	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166646	0.00659	3.16	3.16	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166646	0.00764	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166646	0.00887	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166646	0.01031	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166646	0.01207	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166646	0.0143	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166646	0.01727	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166646	0.02115	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166646	0.02657	2.97	2.97	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166646	0.03583	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166646	0.06618	2.65	2.65	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166646	0.05553	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166646	0.04988	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166646	0.05125	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166646	0.05385	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166646	0.05629	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166646	0.05556	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166646	0.0478	2.43	2.43	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166646	0.04174	2.42	2.42	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166646	0.03671	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166646	0.02939	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166646	0.02698	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166646	0.0248	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166646	0.02294	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166666	0.00504	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166666	0.00656	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166666	0.00762	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166666	0.0088	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166666	0.01016	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166666	0.0118	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166666	0.01385	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166666	0.01647	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166666	0.01973	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166666	0.02429	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166666	0.03195	3	3	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166666	0.06653	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166666	0.05455	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166666	0.04763	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166666	0.05197	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166666	0.05523	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166666	0.05608	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166666	0.0538	2.45	2.45	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166666	0.04586	2.33	2.33	1.5	ANNUAL	PM25_26

UCART1	552444.8	4166666	0.0396	2.48	2.48	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166666	0.03458	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166666	0.0279	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166666	0.02568	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166666	0.02366	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166666	0.02202	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166686	0.00506	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166686	0.00756	3	3	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166686	0.0087	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166686	0.01	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166686	0.01152	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166686	0.01337	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166686	0.01566	3.02	3.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166686	0.01855	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166686	0.02244	2.97	2.97	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166686	0.02876	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166686	0.03921	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166686	0.0684	2.78	2.78	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166686	0.0544	2.77	2.77	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166686	0.04641	2.77	2.77	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166686	0.04137	3.02	3.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166686	0.05824	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166686	0.06108	2.57	320.02	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166686	0.06308	2.75	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166686	0.05198	2.54	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166686	0.04362	2.47	320.02	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166686	0.0374	2.66	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166686	0.02922	3.19	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166686	0.02666	3.09	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166686	0.02462	3.08	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166686	0.02284	3.35	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166686	0.02135	3.47	320.02	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166706	0.00509	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166706	0.00574	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166706	0.00747	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166706	0.00856	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166706	0.00978	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166706	0.01117	3.05	3.05	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166706	0.0128	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166706	0.0148	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166706	0.01734	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166706	0.02071	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166706	0.02604	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166706	0.03755	2.88	2.88	1.5	ANNUAL	PM25_26

UCART1	552084.8	4166706	0.05497	2.67	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166706	0.04578	2.79	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166706	0.04006	3	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166706	0.03745	2.45	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166706	0.04198	2.46	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166706	0.07332	2.57	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166706	0.0782	2.51	320.02	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166706	0.07639	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166706	0.07729	2.69	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166706	0.04947	2.62	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166706	0.04115	2.71	320.02	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166706	0.03529	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166706	0.0281	2.95	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166706	0.02583	2.88	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166706	0.02393	3.06	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166706	0.02233	3.24	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166706	0.02091	3.38	320.02	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166726	0.00512	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166726	0.00574	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166726	0.00735	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166726	0.00838	2.88	2.88	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166726	0.0095	2.83	2.83	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166726	0.01074	2.98	2.98	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166726	0.01215	3.08	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166726	0.0139	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166726	0.01607	2.85	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166726	0.01905	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166726	0.02367	2.88	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166726	0.03289	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166726	0.05615	2.57	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166726	0.04538	3.06	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166726	0.03894	3.32	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166726	0.03549	3.15	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166726	0.0341	2.73	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166726	0.03421	2.47	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166726	0.036	2.29	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166726	0.03969	2.34	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166726	0.04538	2.41	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166726	0.0531	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166726	0.06407	2.33	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166726	0.07136	2.37	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166726	0.04647	2.54	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166726	0.03849	3.07	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166726	0.02748	2.82	320.02	1.5	ANNUAL	PM25_26

UCART1	552504.8	4166726	0.02553	2.75	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166726	0.02373	2.95	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166726	0.02208	3.19	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166726	0.02063	3.2	320.02	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166746	0.00721	3.33	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166746	0.00816	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166746	0.00917	2.72	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166746	0.01027	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166746	0.01152	2.93	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166746	0.013	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166746	0.01491	2.93	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166746	0.01758	2.84	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166746	0.02166	2.82	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166746	0.02934	2.8	320.02	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166746	0.0577	2.64	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166746	0.04567	3.16	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166746	0.03864	3.29	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166746	0.03462	3.12	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166746	0.03249	2.82	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166746	0.03168	2.61	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166746	0.03198	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166746	0.03331	2.44	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166746	0.03554	2.44	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166746	0.03858	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166746	0.04278	2.3	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166746	0.04862	2.35	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166746	0.04264	2.61	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166746	0.03601	3.27	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166746	0.02981	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166746	0.02785	2.74	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166746	0.02587	2.76	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166746	0.02379	3.16	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166746	0.02189	3.59	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166746	0.02035	3.44	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166766	0.00629	3.59	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166766	0.0079	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166766	0.00879	2.68	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166766	0.00977	2.71	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166766	0.01087	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166766	0.01214	3.16	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166766	0.01388	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166766	0.01626	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166766	0.01989	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166766	0.02644	2.74	320.02	1.5	ANNUAL	PM25_26

UCART1	552084.8	4166766	0.05991	2.73	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166766	0.04655	3.13	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166766	0.03888	3.12	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166766	0.03416	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166766	0.03128	2.94	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166766	0.02981	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166766	0.02924	2.75	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166766	0.02956	2.6	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166766	0.03057	2.54	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166766	0.03223	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166766	0.03477	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166766	0.03867	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166766	0.03967	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166766	0.03538	3.35	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166766	0.03208	2.72	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166766	0.02949	2.69	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166766	0.02669	2.87	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166766	0.02401	3.52	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166766	0.02174	4.2	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166766	0.02009	3.92	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166786	0.00615	3.63	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166786	0.00757	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166786	0.00837	2.83	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166786	0.00922	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166786	0.01018	3.1	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166786	0.01131	3.46	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166786	0.01297	2.97	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166786	0.01505	3.05	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166786	0.01825	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166786	0.0239	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166786	0.03378	2.8	320.02	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166786	0.06315	2.74	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166786	0.04827	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166786	0.03955	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166786	0.03397	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166786	0.03048	3.05	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166786	0.02851	2.9	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166786	0.02763	2.54	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166786	0.02729	2.51	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166786	0.0276	2.59	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166786	0.02854	2.68	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166786	0.0303	2.69	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166786	0.03389	2.52	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166786	0.03752	2.63	320.02	1.5	ANNUAL	PM25_26

UCART1	552484.8	4166786	0.03191	2.82	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166786	0.02762	3.25	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166786	0.02444	3.55	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166786	0.02193	3.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166786	0.02004	3.77	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166806	0.00599	3.63	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166806	0.00721	3.38	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166806	0.0079	3.23	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166806	0.00866	3.22	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166806	0.00954	3.32	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166806	0.01063	3.37	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166806	0.01215	2.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166806	0.01405	3.01	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166806	0.0169	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166806	0.02178	2.93	320.02	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166806	0.03258	2.83	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166806	0.04984	2.82	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166806	0.04013	2.95	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166806	0.03394	3.08	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166806	0.03002	3.12	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166806	0.02763	3.01	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166806	0.02646	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166806	0.02575	2.52	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166806	0.02568	2.61	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166806	0.02626	2.7	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166806	0.02778	2.73	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166806	0.03156	2.53	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166806	0.05351	3.47	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166806	0.04929	2.98	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166806	0.042	2.52	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166806	0.03395	2.74	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166806	0.02858	3.17	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166806	0.02491	3.32	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166806	0.02211	3.59	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166806	0.02001	3.52	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166826	0.00581	3.59	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166826	0.00685	3.73	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166826	0.00745	3.69	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166826	0.00813	3.63	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166826	0.00895	3.52	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166826	0.01001	3.21	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166826	0.0114	2.87	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166826	0.01317	2.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166826	0.01574	2.99	320.02	1.5	ANNUAL	PM25_26

UCART1	552044.8	4166826	0.02	2.96	320.02	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166826	0.02875	2.85	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166826	0.05159	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166826	0.04083	3.15	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166826	0.03415	3.18	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166826	0.02986	3.15	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166826	0.02708	3.11	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166826	0.02563	2.58	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166826	0.02467	2.58	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166826	0.02439	2.59	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166826	0.02484	2.61	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166826	0.02639	2.62	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166826	0.03047	2.45	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166826	0.04794	3.92	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166826	0.04465	2.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166826	0.04169	2.42	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166826	0.03434	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166826	0.029	2.71	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166826	0.02512	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166826	0.02212	3.25	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166826	0.01991	3.18	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166846	0.00561	3.44	320.02	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166846	0.00605	3.53	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166846	0.00703	3.96	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166846	0.00765	3.9	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166846	0.00842	3.68	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166846	0.00938	3.42	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166846	0.01067	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166846	0.01235	2.92	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166846	0.01469	3	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166846	0.01843	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166846	0.02576	2.87	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166846	0.0544	2.67	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166846	0.04236	2.88	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166846	0.03486	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166846	0.03002	3.05	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166846	0.02679	3.18	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166846	0.02502	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166846	0.02394	2.62	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166846	0.02355	2.53	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166846	0.02396	2.51	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166846	0.02563	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166846	0.03003	2.44	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166846	0.04789	2.41	320.02	1.5	ANNUAL	PM25_26

UCART1	552424.8	4166846	0.0436	2.58	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166846	0.04085	2.46	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166846	0.03378	2.58	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166846	0.02862	2.79	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166846	0.02481	2.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166846	0.02188	3.04	320.02	1.5	ANNUAL	PM25_26
UCART2	551904.6	4166869	0.0066	4.03	320.02	1.5	ANNUAL	PM25_26
UCART2	551924.6	4166869	0.00716	4.05	320.02	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166869	0.00786	3.81	320.02	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166869	0.00874	3.53	320.02	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166869	0.0099	3.22	320.02	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166869	0.01149	2.92	320.02	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166869	0.0136	3.02	320.02	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166869	0.01686	3.06	320.02	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166869	0.02296	2.84	320.02	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166869	0.02893	2.67	320.02	1.5	ANNUAL	PM25_26
UCART2	552104.6	4166869	0.05795	2.75	320.02	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166869	0.04422	2.87	320.02	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166869	0.03586	2.96	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166869	0.03042	3.04	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166869	0.02682	3.15	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166869	0.02461	3.03	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166869	0.02337	2.8	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166869	0.02293	2.59	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166869	0.02337	2.47	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166869	0.02518	2.45	320.02	1.5	ANNUAL	PM25_26
UCART2	552304.6	4166869	0.03004	2.45	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166869	0.04301	2.66	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166869	0.04675	2.02	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166869	0.04267	2.48	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166869	0.04003	2.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166869	0.03307	2.66	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166869	0.02801	2.85	320.02	1.5	ANNUAL	PM25_26
UCART2	552524.6	4166869	0.02426	3.01	320.02	1.5	ANNUAL	PM25_26
UCART2	552544.6	4166869	0.02143	2.99	320.02	1.5	ANNUAL	PM25_26
UCART2	551884.6	4166889	0.00586	3.59	356.4	1.5	ANNUAL	PM25_26
UCART2	551924.6	4166889	0.00677	4.08	320.02	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166889	0.00742	3.83	320.02	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166889	0.00825	3.51	320.02	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166889	0.00931	3.33	320.02	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166889	0.01079	2.95	320.02	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166889	0.01274	3.05	320.02	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166889	0.01569	3.08	320.02	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166889	0.021	2.83	320.02	1.5	ANNUAL	PM25_26

UCART2	552084.6	4166889	0.03366	2.75	320.02	1.5	ANNUAL	PM25_26
UCART2	552104.6	4166889	0.06185	2.97	320.02	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166889	0.04591	2.99	320.02	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166889	0.03682	3.02	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166889	0.0309	3.08	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166889	0.02704	3.07	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166889	0.02447	3.2	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166889	0.02308	3.02	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166889	0.02261	2.74	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166889	0.02311	2.55	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166889	0.02507	2.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552304.6	4166889	0.03049	2.52	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166889	0.05401	2.72	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166889	0.04523	2.57	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166889	0.0418	2.6	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166889	0.03919	2.61	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166889	0.03237	2.7	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166889	0.02738	2.88	320.02	1.5	ANNUAL	PM25_26
UCART2	552524.6	4166889	0.02366	3.12	320.02	1.5	ANNUAL	PM25_26
UCART2	551924.6	4166909	0.00642	3.97	356.4	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166909	0.00704	3.62	356.4	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166909	0.00782	3.34	356.4	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166909	0.0088	3.25	356.4	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166909	0.01012	3.13	345.72	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166909	0.01194	3.09	320.02	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166909	0.01467	3.05	320.02	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166909	0.01923	2.99	320.02	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166909	0.0291	2.94	320.02	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166909	0.04811	2.94	320.02	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166909	0.03798	3.07	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166909	0.03155	3.11	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166909	0.02742	3.01	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166909	0.02465	3.1	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166909	0.02301	3.17	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166909	0.02238	3.15	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166909	0.02283	3.12	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166909	0.02493	3.08	320.02	1.5	ANNUAL	PM25_26
UCART2	552304.6	4166909	0.03108	2.87	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166909	0.05251	2.72	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166909	0.04384	2.84	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166909	0.04061	2.91	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166909	0.03827	2.7	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166909	0.0317	2.58	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166909	0.02677	2.79	320.02	1.5	ANNUAL	PM25_26

UCART2	552524.6	4166909	0.02309	3.04	320.02	1.5	ANNUAL	PM25_26
UCART2	551904.6	4166929	0.00566	3.93	356.88	1.5	ANNUAL	PM25_26
UCART2	551924.6	4166929	0.0061	3.89	356.88	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166929	0.00667	3.65	356.88	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166929	0.00738	3.52	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166929	0.00831	3.22	356.4	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166929	0.00951	3.18	356.4	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166929	0.01119	3.14	356.4	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166929	0.0137	3.08	356.4	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166929	0.01775	3.03	356.4	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166929	0.02585	2.98	320.02	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166929	0.05056	2.95	320.02	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166929	0.03943	3.05	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166929	0.0324	3.11	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166929	0.02784	3.14	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166929	0.02483	3.29	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166929	0.02307	3.4	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166929	0.02238	3.48	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166929	0.02286	3.5	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166929	0.02519	3.43	320.02	1.5	ANNUAL	PM25_26
UCART2	552304.6	4166929	0.03202	3.36	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166929	0.05018	2.77	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166929	0.04217	2.93	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166929	0.0394	3	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166929	0.03725	2.83	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166929	0.03093	2.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166929	0.02612	2.7	320.02	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166949	0.00631	3.84	356.88	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166949	0.00695	3.8	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166949	0.00785	3.23	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166949	0.00896	3.19	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166949	0.01048	3.21	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166949	0.01277	3.15	356.4	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166949	0.01645	3.03	356.4	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166949	0.02331	2.97	356.4	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166949	0.05338	2.98	345.72	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166949	0.04108	3.04	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166949	0.03343	3.11	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166949	0.02837	3.32	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166949	0.02513	3.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166949	0.0233	3.63	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166949	0.02263	3.7	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166949	0.02331	3.64	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166949	0.02605	3.57	320.02	1.5	ANNUAL	PM25_26

UCART2	552384.6	4166949	0.04741	2.84	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166949	0.04038	2.86	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166949	0.03823	2.88	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166949	0.03614	3.01	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166949	0.03008	2.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166949	0.02543	2.62	320.02	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166969	0.00596	4.26	356.88	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166969	0.00659	3.85	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166969	0.00738	3.49	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166969	0.0084	3.35	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166969	0.00979	3.37	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166969	0.01186	3.28	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166969	0.01518	3.16	356.88	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166969	0.02099	3.3	356.88	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166969	0.05676	3.09	356.4	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166969	0.04266	3.29	356.4	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166969	0.03451	3.24	356.4	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166969	0.0295	2.91	345.72	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166969	0.02868	2.19	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166969	0.04467	3.01	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166969	0.03839	3.05	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166969	0.03646	3.54	320.02	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166989	0.00622	4.16	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166989	0.00696	3.67	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166989	0.00789	3.5	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166989	0.00914	3.48	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166989	0.011	3.41	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166989	0.01396	3.34	356.88	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166989	0.01905	3.5	356.88	1.5	ANNUAL	PM25_26
UCART2	552104.6	4166989	0.03148	3.14	356.88	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166989	0.0614	3.09	356.88	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166989	0.04546	2.83	356.88	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166989	0.02725	2.19	356.4	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166989	0.02478	3.33	345.72	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166989	0.0246	3.13	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166989	0.02664	2.47	320.02	1.5	ANNUAL	PM25_26
UCART2	552364.6	4166989	0.05215	3.32	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166989	0.0425	2.74	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166989	0.03658	3.08	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166989	0.03525	3.48	320.02	1.5	ANNUAL	PM25_26
UCART2	551964.6	4167009	0.00585	4.62	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4167009	0.00656	3.8	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4167009	0.00742	3.64	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4167009	0.00856	3.55	356.88	1.5	ANNUAL	PM25_26

UCART2	552044.6	4167009	0.01019	3.54	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4167009	0.01276	3.56	356.88	1.5	ANNUAL	PM25_26
UCART2	552084.6	4167009	0.0173	3.58	356.88	1.5	ANNUAL	PM25_26
UCART2	552104.6	4167009	0.02712	3.57	356.88	1.5	ANNUAL	PM25_26
UCART2	552184.6	4167009	0.03102	3.64	356.88	1.5	ANNUAL	PM25_26
UCART2	552204.6	4167009	0.02751	3.57	356.4	1.5	ANNUAL	PM25_26
UCART2	552224.6	4167009	0.0255	4.03	356.4	1.5	ANNUAL	PM25_26
UCART2	552244.6	4167009	0.02562	4.2	348.95	1.5	ANNUAL	PM25_26
UCART2	552264.6	4167009	0.02897	4.36	320.02	1.5	ANNUAL	PM25_26
UCART2	551984.6	4167029	0.00616	4.15	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4167029	0.00694	3.82	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4167029	0.008	3.55	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4167029	0.00946	3.58	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4167029	0.01172	3.56	356.88	1.5	ANNUAL	PM25_26
UCART2	552084.6	4167029	0.01605	2.77	356.88	1.5	ANNUAL	PM25_26
UCART2	552144.6	4167029	0.05034	3.29	356.88	1.5	ANNUAL	PM25_26
UCART2	552164.6	4167029	0.03965	3.03	356.88	1.5	ANNUAL	PM25_26
UCART2	552184.6	4167029	0.03218	3.98	356.88	1.5	ANNUAL	PM25_26
UCART2	552204.6	4167029	0.02871	3.96	356.88	1.5	ANNUAL	PM25_26
UCART2	552224.6	4167029	0.02744	3.93	356.88	1.5	ANNUAL	PM25_26
UCART2	552244.6	4167029	0.02869	4.07	356.4	1.5	ANNUAL	PM25_26
UCART2	551984.6	4167049	0.00577	4.63	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4167049	0.00651	3.92	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4167049	0.00749	3.36	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4167049	0.00886	3.04	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4167049	0.01095	2.79	356.88	1.5	ANNUAL	PM25_26
UCART2	552144.6	4167049	0.05359	3.84	356.88	1.5	ANNUAL	PM25_26
UCART2	552164.6	4167049	0.04223	3.61	356.88	1.5	ANNUAL	PM25_26
UCART2	552184.6	4167049	0.0347	4.13	356.88	1.5	ANNUAL	PM25_26
UCART2	552204.6	4167049	0.03109	4.14	356.88	1.5	ANNUAL	PM25_26
UCART2	552224.6	4167049	0.03078	3.85	356.88	1.5	ANNUAL	PM25_26

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Z	Averagin Pe	Source Gro
UCART1	552064.8	4166026	0.00615	4.6	4.6	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166026	0.00661	4.06	4.06	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166026	0.00707	3.76	3.76	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166026	0.0075	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166026	0.00789	3.84	3.84	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166026	0.0083	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166026	0.00862	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166026	0.00896	3.16	3.16	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166026	0.00929	3	3	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166026	0.00958	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166026	0.00985	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166026	0.01016	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166026	0.01058	2.98	2.98	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166026	0.0112	3.02	3.02	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166026	0.01225	2.88	2.88	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166026	0.01413	2.63	2.63	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166046	0.00807	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166046	0.00861	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166046	0.00908	3.73	3.73	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166046	0.00953	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166046	0.00994	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166046	0.01024	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166046	0.01046	3.46	3.46	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166046	0.0107	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166046	0.01092	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166046	0.01111	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166046	0.01128	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166046	0.0115	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166046	0.01196	3.03	3.03	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166046	0.01276	2.68	2.68	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166046	0.01414	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166046	0.0168	2.37	2.37	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166066	0.0073	4.58	4.58	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166066	0.00761	4.32	4.32	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166066	0.00789	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166066	0.00828	4.1	4.1	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166066	0.00879	3.84	3.84	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166066	0.00947	3.7	3.7	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166066	0.01019	3.7	3.7	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166066	0.01094	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166066	0.01152	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166066	0.01189	3.76	3.76	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166066	0.01226	3.7	3.7	1.5	ANNUAL	PM25_27

UCART1	552144.8	4166066	0.01256	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166066	0.01268	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166066	0.01277	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166066	0.01281	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166066	0.01281	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166066	0.01279	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166066	0.01281	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166066	0.01291	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166066	0.01342	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166066	0.0144	2.56	2.56	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166066	0.01617	2.3	2.3	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166066	0.01989	2.29	2.29	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166086	0.00873	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166086	0.00922	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166086	0.00983	4.65	4.65	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166086	0.01087	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166086	0.01222	3.82	3.82	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166086	0.01348	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166086	0.01445	3.65	3.65	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166086	0.01525	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166086	0.01566	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166086	0.01578	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166086	0.01591	3.73	3.73	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166086	0.01596	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166086	0.0158	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166086	0.01561	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166086	0.01528	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166086	0.01491	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166086	0.0146	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166086	0.01441	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166086	0.01439	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166086	0.01501	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166086	0.01617	2.59	2.59	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166086	0.01848	2.38	2.38	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166086	0.02323	2.34	2.34	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166086	0.04453	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166086	0.03734	3	3	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166086	0.03236	2.42	2.42	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166086	0.02851	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166086	0.02565	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166086	0.02347	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166106	0.00908	4.88	4.88	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166106	0.00994	4.68	4.68	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166106	0.01081	4.62	4.62	1.5	ANNUAL	PM25_27

UCART1	551944.8	4166106	0.01168	4.94	4.94	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166106	0.01322	5.06	5.06	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166106	0.01574	4.8	4.8	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166106	0.01851	4.16	4.16	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166106	0.02039	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166106	0.02127	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166106	0.02164	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166106	0.02149	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166106	0.02133	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166106	0.02099	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166106	0.02045	3.82	3.82	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166106	0.01977	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166106	0.01895	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166106	0.01806	2.54	2.54	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166106	0.01724	2.4	2.4	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166106	0.01664	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166106	0.01627	2.61	2.61	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166106	0.01612	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166106	0.01675	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166106	0.01813	2.78	2.78	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166106	0.02099	2.59	2.59	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166106	0.02664	2.47	2.47	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166106	0.0464	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166106	0.03944	2.84	2.84	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166106	0.03447	2.61	2.61	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166106	0.0307	2.68	2.68	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166106	0.02777	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166106	0.02543	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166126	0.00938	4.78	4.78	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166126	0.01108	4.77	4.77	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166126	0.0127	4.62	4.62	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166126	0.01436	4.62	4.62	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166126	0.01687	5	5	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166126	0.02146	5.31	5.31	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166126	0.02648	5.06	5.06	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166126	0.0302	4.41	4.41	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166126	0.03203	3.8	3.8	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166126	0.03219	3.46	3.46	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166126	0.03157	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166126	0.03045	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166126	0.02957	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166126	0.02828	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166126	0.0264	3.92	3.92	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166126	0.02439	3.71	3.71	1.5	ANNUAL	PM25_27

UCART1	552184.8	4166126	0.02257	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166126	0.02087	2.4	2.4	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166126	0.01956	2.26	2.26	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166126	0.01867	2.26	2.26	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166126	0.01816	2.35	2.35	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166126	0.01807	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166126	0.01879	2.78	2.78	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166126	0.02048	2.71	2.71	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166126	0.02384	2.58	2.58	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166126	0.03028	2.58	2.58	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166126	0.04856	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166126	0.04164	2.77	2.77	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166126	0.03659	2.74	2.74	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166126	0.03278	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166126	0.02973	2.75	2.75	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166126	0.02725	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166146	0.00867	4.84	4.84	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166146	0.01075	4.67	4.67	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166146	0.01388	4.62	4.62	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166146	0.01791	4.54	4.54	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166146	0.02301	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166146	0.03553	4.83	4.83	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166146	0.04469	5.39	5.39	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166146	0.04959	5.1	5.1	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166146	0.05197	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166146	0.05274	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166146	0.05167	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166146	0.04897	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166146	0.04602	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166146	0.04296	3.6	3.6	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166146	0.03841	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166146	0.03342	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166146	0.02923	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166146	0.0263	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166146	0.02375	2.61	2.61	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166146	0.02198	2.65	2.65	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166146	0.02085	2.6	2.6	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166146	0.02027	2.45	2.45	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166146	0.02037	2.45	2.45	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166146	0.0213	2.53	2.53	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166146	0.02342	2.38	2.38	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166146	0.02731	2.35	2.35	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166146	0.03431	2.69	2.69	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166146	0.0511	2.64	2.64	1.5	ANNUAL	PM25_27

UCART1	552484.8	4166146	0.04398	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166146	0.03876	2.81	2.81	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166146	0.03471	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166146	0.03153	2.87	2.87	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166146	0.02894	2.77	2.77	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166166	0.00769	4.89	4.89	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166166	0.00945	4.93	4.93	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166166	0.01212	4.86	4.86	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166166	0.01711	4.75	4.75	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166166	0.08832	4.38	4.38	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166166	0.10843	4.46	4.46	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166166	0.09537	4.25	4.25	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166166	0.10264	3.97	3.97	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166166	0.10362	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166166	0.09754	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166166	0.08864	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166166	0.07879	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166166	0.06351	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166166	0.05039	3.3	3.3	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166166	0.04108	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166166	0.03453	3.09	3.09	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166166	0.02998	2.82	2.82	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166166	0.02666	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166166	0.02448	2.98	2.98	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166166	0.0232	2.97	2.97	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166166	0.02276	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166166	0.02316	2.62	2.62	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166166	0.02452	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166166	0.02729	2.68	2.68	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166166	0.03167	2.59	2.59	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166166	0.03894	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166166	0.06379	2.78	2.78	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166166	0.05383	2.15	2.15	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166166	0.04659	2.39	2.39	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166166	0.04091	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166166	0.03662	3.05	3.05	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166166	0.03326	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166166	0.03051	2.84	2.84	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166186	0.0067	4.79	4.79	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166186	0.00811	4.87	4.87	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166186	0.01018	4.91	4.91	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166186	0.01356	4.81	4.81	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166186	0.02044	4.68	4.68	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166186	0.09409	4.43	4.43	1.5	ANNUAL	PM25_27

UCART1	551944.8	4166186	0.08601	4.41	4.41	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166186	0.08702	4.15	4.15	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166186	0.09077	3.85	3.85	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166186	0.096	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166186	0.10279	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166186	0.09995	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166186	0.11525	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166186	0.07933	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166186	0.05962	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166186	0.04729	3.02	3.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166186	0.03898	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166186	0.03334	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166186	0.02953	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166186	0.02718	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166186	0.02603	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166186	0.02601	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166186	0.02722	2.43	2.43	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166186	0.02956	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166186	0.03288	2.5	2.5	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166186	0.03752	2.51	2.51	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166186	0.04473	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166186	0.04324	2.75	2.75	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166186	0.03874	2.74	2.74	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166186	0.03502	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166186	0.03199	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166206	0.00692	4.8	4.8	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166206	0.00844	4.89	4.89	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166206	0.01085	4.78	4.78	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166206	0.01504	4.57	4.57	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166206	0.02359	4.46	4.46	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166206	0.0943	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166206	0.07483	4.84	4.84	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166206	0.06774	4.36	4.36	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166206	0.06512	3.85	3.85	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166206	0.0649	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166206	0.06678	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166206	0.07257	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166206	0.10411	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166206	0.07934	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166206	0.06248	3.26	3.26	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166206	0.05066	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166206	0.042	3.61	3.61	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166206	0.03629	3.27	3.27	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166206	0.0325	3.16	3.16	1.5	ANNUAL	PM25_27

UCART1	552224.8	4166206	0.03051	3.07	3.07	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166206	0.03007	3.03	3.03	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166206	0.03134	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166206	0.07028	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166206	0.05945	2.12	2.12	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166206	0.04072	1.62	1.62	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166206	0.03683	2.52	2.52	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166206	0.03338	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166226	0.00712	4.64	4.64	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166226	0.00885	4.4	4.4	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166226	0.01165	4.18	4.18	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166226	0.01643	4.27	4.27	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166226	0.0674	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166226	0.07375	4.66	4.66	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166226	0.06325	4.32	4.32	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166226	0.05786	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166226	0.05571	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166226	0.05716	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166226	0.06612	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166226	0.09525	3.69	3.69	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166226	0.07542	3.77	3.77	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166226	0.06238	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166226	0.05287	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166226	0.04533	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166226	0.03979	3.3	3.3	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166226	0.073	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166226	0.04764	2.68	2.68	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166226	0.0426	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166226	0.03487	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166246	0.0073	4.53	4.53	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166246	0.00924	4.09	4.09	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166246	0.01232	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166246	0.01704	4.17	4.17	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166246	0.02512	4.33	4.33	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166246	0.04176	4.45	4.45	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166246	0.04836	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166246	0.07414	4.58	4.58	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166246	0.06167	4.41	4.41	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166246	0.05519	4.19	4.19	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166246	0.05268	4.1	4.1	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166246	0.05471	3.97	3.97	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166246	0.06685	3.76	3.76	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166246	0.07109	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166246	0.0914	3.73	3.73	1.5	ANNUAL	PM25_27

UCART1	552104.8	4166246	0.07424	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166246	0.06319	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166246	0.05579	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166246	0.05031	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166246	0.04725	2.05	2.05	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166246	0.05944	2.49	2.49	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166246	0.06512	3.16	3.16	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166246	0.06509	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166246	0.06325	3.27	3.27	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166246	0.06198	3.17	3.17	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166246	0.06225	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166246	0.09151	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166246	0.07573	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166246	0.06429	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166246	0.05592	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166246	0.04923	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166246	0.04388	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166246	0.03977	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166266	0.00749	4.46	4.46	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166266	0.00955	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166266	0.01261	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166266	0.01691	4.26	4.26	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166266	0.02442	4.33	4.33	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166266	0.04005	4.42	4.42	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166266	0.07479	4.6	4.6	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166266	0.0615	4.67	4.67	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166266	0.05471	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166266	0.05242	4.43	4.43	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166266	0.05504	4.25	4.25	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166266	0.06847	3.92	3.92	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166266	0.09052	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166266	0.09211	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166266	0.07611	3.62	3.62	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166266	0.06618	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166266	0.06082	2.87	2.87	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166266	0.06898	2.78	2.78	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166266	0.16202	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166266	0.11995	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166266	0.10094	3.3	3.3	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166266	0.08856	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166266	0.07993	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166266	0.07457	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166266	0.07226	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166266	0.09548	3.27	3.27	1.5	ANNUAL	PM25_27

UCART1	552444.8	4166266	0.07892	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166266	0.06692	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166266	0.05821	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166266	0.05108	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166266	0.04529	3.62	3.62	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166266	0.04067	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166266	0.03678	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166286	0.00767	4.36	4.36	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166286	0.00965	4.11	4.11	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166286	0.01238	4.23	4.23	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166286	0.01652	4.11	4.11	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166286	0.02323	4.18	4.18	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166286	0.03649	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166286	0.0807	4.49	4.49	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166286	0.06581	4.29	4.29	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166286	0.05758	4.28	4.28	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166286	0.05434	4.41	4.41	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166286	0.05686	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166286	0.0712	3.93	3.93	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166286	0.12055	3.56	3.56	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166286	0.09417	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166286	0.07962	3.49	3.49	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166286	0.07247	2.81	2.81	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166286	0.0967	2.55	2.55	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166286	0.24603	3.21	3.21	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166286	0.30368	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166286	0.20075	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166286	0.14577	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166286	0.11624	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166286	0.09883	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166286	0.0885	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166286	0.08323	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166286	0.09889	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166286	0.08175	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166286	0.06937	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166286	0.06025	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166286	0.0527	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166286	0.04656	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166286	0.04158	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166286	0.03748	3.65	3.65	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166306	0.00531	5.27	5.27	1.5	ANNUAL	PM25_27
UCART1	551784.8	4166306	0.00635	4.78	4.78	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166306	0.00776	4.32	4.32	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166306	0.00961	4.26	4.26	1.5	ANNUAL	PM25_27

UCART1	551844.8	4166306	0.01204	4.48	4.48	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166306	0.01595	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166306	0.0217	4	4	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166306	0.03164	4.2	4.2	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166306	0.04861	4.34	4.34	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166306	0.096	4.36	4.36	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166306	0.07338	4.09	4.09	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166306	0.06223	4.13	4.13	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166306	0.05736	4.36	4.36	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166306	0.05937	4.29	4.29	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166306	0.07336	3.95	3.95	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166306	0.09438	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166306	0.10011	3.11	3.11	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166306	0.13283	3.31	3.31	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166306	0.29216	3.33	3.33	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166306	0.34693	3.61	3.61	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166306	0.37714	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166306	0.26956	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166306	0.18559	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166306	0.14297	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166306	0.11772	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166306	0.10267	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166306	0.09444	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166306	0.10173	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166306	0.08433	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166306	0.0716	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166306	0.06198	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166306	0.05402	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166306	0.0476	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166306	0.04237	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166306	0.03809	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166326	0.00543	4.79	4.79	1.5	ANNUAL	PM25_27
UCART1	551784.8	4166326	0.00645	4.51	4.51	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166326	0.00777	4.35	4.35	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166326	0.00946	4.39	4.39	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166326	0.01174	4.3	4.3	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166326	0.01527	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166326	0.02002	3.77	3.77	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166326	0.02745	4.09	4.09	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166326	0.04173	4.26	4.26	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166326	0.08266	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166326	0.06771	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166326	0.06116	4.29	4.29	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166326	0.06213	4.19	4.19	1.5	ANNUAL	PM25_27

UCART1	552044.8	4166326	0.07435	4.03	4.03	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166326	0.07978	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166326	0.11059	2.72	2.72	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166326	0.21907	2.98	2.98	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166326	0.33506	3.29	3.29	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166326	0.38578	3.47	3.47	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166326	0.38181	4.02	4.02	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166326	0.41105	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166326	0.32945	3.27	3.27	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166326	0.21916	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166326	0.16551	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166326	0.13475	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166326	0.116	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166326	0.10507	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166326	0.10446	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166326	0.08694	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166326	0.07377	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166326	0.06353	3.03	3.03	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166326	0.05508	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166326	0.04847	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166326	0.04309	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166326	0.03861	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166346	0.00548	4.79	4.79	1.5	ANNUAL	PM25_27
UCART1	551784.8	4166346	0.00647	4.59	4.59	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166346	0.00761	5.05	5.05	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166346	0.00902	5.62	5.62	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166346	0.01108	5.2	5.2	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166346	0.01402	4.5	4.5	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166346	0.0182	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166346	0.02414	4.08	4.08	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166346	0.03417	4.28	4.28	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166346	0.04511	4.17	4.17	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166346	0.09707	4.15	4.15	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166346	0.07483	4.34	4.34	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166346	0.06543	4.32	4.32	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166346	0.06445	4.18	4.18	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166346	0.07489	4.03	4.03	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166346	0.1328	2.83	2.83	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166346	0.18047	2.89	2.89	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166346	0.28964	3.13	3.13	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166346	0.36516	3.24	3.24	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166346	0.4176	3.2	3.2	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166346	0.43972	3.38	3.38	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166346	0.43208	3.78	3.78	1.5	ANNUAL	PM25_27

Term131S	552224.8	4166346	0.44372	3.6	3.6	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166346	0.38379	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166346	0.25134	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166346	0.18532	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166346	0.1492	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166346	0.12752	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166346	0.11451	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166346	0.10624	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166346	0.08842	3.15	3.15	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166346	0.07503	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166346	0.06449	2.81	2.81	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166346	0.05566	3.3	3.3	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166346	0.04895	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166346	0.04344	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166346	0.03889	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166366	0.00549	4.82	4.82	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166366	0.00746	5.3	5.3	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166366	0.00871	6.04	6.04	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166366	0.01057	5.49	5.49	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166366	0.01308	4.89	4.89	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166366	0.01673	4.05	4.05	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166366	0.02163	4.02	4.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166366	0.02924	4.2	4.2	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166366	0.04428	4.1	4.1	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166366	0.08431	4.23	4.23	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166366	0.07082	4.26	4.26	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166366	0.06714	4.13	4.13	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166366	0.07426	3.98	3.98	1.5	ANNUAL	PM25_27
Term131S	552064.8	4166366	0.11412	3.93	3.93	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166366	0.25145	3.53	3.53	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166366	0.3239	3.46	3.46	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166366	0.37748	3.4	3.4	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166366	0.42499	3.26	3.26	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166366	0.46361	3.08	3.08	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166366	0.47873	3.2	3.2	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166366	0.48019	3.39	3.39	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166366	0.47165	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166366	0.43493	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166366	0.28344	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166366	0.20421	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166366	0.16173	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166366	0.13713	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166366	0.12236	3.15	3.15	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166366	0.10694	3.33	3.33	1.5	ANNUAL	PM25_27

UCART1	552444.8	4166366	0.08885	3.17	3.17	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166366	0.07541	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166366	0.06482	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166366	0.05581	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166366	0.04908	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166366	0.04347	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166366	0.03897	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166386	0.00548	4.81	4.81	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166386	0.00742	4.48	4.48	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166386	0.00871	4.53	4.53	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166386	0.01042	4.19	4.19	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166386	0.01271	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166386	0.01565	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166386	0.01976	3.78	3.78	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166386	0.02593	3.86	3.86	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166386	0.03646	3.97	3.97	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166386	0.05419	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166386	0.09851	3.84	3.84	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166386	0.07818	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166386	0.07102	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166386	0.07534	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166386	0.10467	3.91	3.91	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166386	0.26112	3.46	3.46	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166386	0.35415	3.3	3.3	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166386	0.41418	3.17	3.17	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166386	0.45739	3.04	3.04	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166386	0.48862	2.93	2.93	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166386	0.5036	3.02	3.02	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166386	0.50238	3.26	3.26	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166386	0.48987	3.45	3.45	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166386	0.46397	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166386	0.31431	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166386	0.22305	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166386	0.17288	3.6	3.6	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166386	0.14477	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166386	0.12821	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166386	0.10681	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166386	0.08863	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166386	0.07501	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166386	0.06441	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166386	0.05558	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166386	0.04866	3.76	3.76	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166386	0.04314	4.08	4.08	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166386	0.03883	3.93	3.93	1.5	ANNUAL	PM25_27

UCART1	551764.8	4166406	0.00543	4.89	4.89	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166406	0.00725	4.43	4.43	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166406	0.00843	4.46	4.46	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166406	0.00996	4.25	4.25	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166406	0.01206	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166406	0.01457	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166406	0.01814	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166406	0.0233	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166406	0.03128	3.93	3.93	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166406	0.0469	3.95	3.95	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166406	0.08723	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166406	0.07607	3.82	3.82	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166406	0.07806	3.78	3.78	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166406	0.10167	3.79	3.79	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166406	0.24485	3.45	3.45	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166406	0.36003	3.19	3.19	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166406	0.42403	3.05	3.05	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166406	0.46712	2.95	2.95	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166406	0.49839	2.86	2.86	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166406	0.5156	2.92	2.92	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166406	0.51451	3.19	3.19	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166406	0.49974	3.45	3.45	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166406	0.48094	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166406	0.34539	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166406	0.24081	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166406	0.1825	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166406	0.15032	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166406	0.1318	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166406	0.10547	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166406	0.08745	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166406	0.074	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166406	0.06365	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166406	0.05506	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166406	0.04819	3.93	3.93	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166406	0.04284	4.17	4.17	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166406	0.03858	4.07	4.07	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166426	0.00707	4.47	4.47	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166426	0.00815	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166426	0.00952	4.45	4.45	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166426	0.01143	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166426	0.01367	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166426	0.01682	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166426	0.02124	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166426	0.02767	3.87	3.87	1.5	ANNUAL	PM25_27

UCART1	551964.8	4166426	0.03903	3.92	3.92	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166426	0.09664	3.69	3.69	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166426	0.08151	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166426	0.08086	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166426	0.09874	3.68	3.68	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166426	0.21487	3.46	3.46	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166426	0.35302	3.13	3.13	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166426	0.42272	3.01	3.01	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166426	0.46662	2.96	2.96	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166426	0.49992	2.86	2.86	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166426	0.51971	2.88	2.88	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166426	0.51921	3.17	3.17	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166426	0.50383	3.47	3.47	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166426	0.48911	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166426	0.37654	3.27	3.27	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166426	0.25552	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166426	0.18932	3.56	3.56	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166426	0.15291	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166426	0.13242	3.07	3.07	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166426	0.10308	2.98	2.98	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166426	0.08549	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166426	0.07253	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166426	0.0626	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166426	0.05428	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166426	0.04761	3.92	3.92	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166426	0.04249	3.99	3.99	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166426	0.03821	4.12	4.12	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166446	0.00798	4.03	4.03	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166446	0.00927	3.96	8.39	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166446	0.01095	3.65	8.39	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166446	0.01304	3.6	8.39	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166446	0.01583	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166446	0.01965	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166446	0.02517	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166446	0.03417	3.87	3.87	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166446	0.05392	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166446	0.08698	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166446	0.08299	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166446	0.09523	3.82	3.82	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166446	0.17475	3.47	3.47	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166446	0.33043	3.21	3.21	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166446	0.40581	3.22	3.22	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166446	0.4498	3.25	3.25	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166446	0.48696	3.12	3.12	1.5	ANNUAL	PM25_27

Term131S	552184.8	4166446	0.51582	2.94	2.94	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166446	0.51582	3.22	3.22	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166446	0.50231	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166446	0.48731	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166446	0.40371	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166446	0.26494	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166446	0.1915	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166446	0.1515	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166446	0.12975	3.09	3.09	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166446	0.09941	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166446	0.08296	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166446	0.07082	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166446	0.06129	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166446	0.05316	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166446	0.04689	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166446	0.04191	3.86	3.86	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166446	0.03775	4.01	4.01	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166466	0.00772	4.37	4.37	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166466	0.0088	4.91	8.39	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166466	0.01007	5.72	8.39	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166466	0.01196	5.25	8.39	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166466	0.01472	4.08	8.39	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166466	0.0184	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166466	0.02326	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166466	0.03084	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166466	0.04553	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166466	0.09343	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166466	0.08546	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166466	0.09371	3.73	3.73	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166466	0.1357	3.65	3.65	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166466	0.29988	3.36	3.36	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166466	0.38801	3.34	3.34	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166466	0.43587	3.38	3.38	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166466	0.47382	3.27	3.27	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166466	0.50744	3	3	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166466	0.5107	3.18	3.18	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166466	0.5002	3.42	3.42	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166466	0.47964	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552264.8	4166466	0.42562	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166466	0.26542	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166466	0.1868	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166466	0.14545	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166466	0.12366	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166466	0.09571	3.25	3.25	1.5	ANNUAL	PM25_27

UCART1	552444.8	4166466	0.08013	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166466	0.06864	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166466	0.0596	2.81	2.81	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166466	0.05186	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166466	0.04593	3.61	3.61	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166466	0.04115	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166486	0.00745	4.93	4.93	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166486	0.00835	6.14	8.39	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166486	0.0092	8.08	8.08	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166486	0.011	7.1	7.1	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166486	0.01382	4.75	7.05	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166486	0.01744	3.32	7.05	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166486	0.02183	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166486	0.02846	3.78	3.78	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166486	0.04029	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166486	0.10178	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166486	0.08833	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166486	0.09254	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166486	0.1205	3.86	3.86	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166486	0.27112	3.54	3.54	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166486	0.37087	3.39	3.39	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166486	0.42417	3.4	3.4	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166486	0.45835	3.37	3.37	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166486	0.49225	3.06	3.06	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166486	0.49677	3.06	3.06	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166486	0.44821	3.27	3.27	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166486	0.42737	3.4	3.4	1.5	ANNUAL	PM25_27
Term131S	552264.8	4166486	0.40098	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166486	0.25396	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166486	0.17371	3.56	3.56	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166486	0.13341	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166486	0.11472	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166486	0.09195	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166486	0.07695	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166486	0.06599	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166486	0.05755	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166486	0.05042	3.23	3.23	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166486	0.04475	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166486	0.04022	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166506	0.0073	4.76	4.76	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166506	0.00821	5.64	5.64	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166506	0.00919	7	7	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166506	0.0111	5.3	8.39	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166506	0.01353	4.02	7.05	1.5	ANNUAL	PM25_27

UCART1	551924.8	4166506	0.01666	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166506	0.02085	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166506	0.02687	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166506	0.03696	3.49	3.49	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166506	0.058	3.46	3.46	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166506	0.10948	3.56	3.56	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166506	0.0907	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166506	0.09134	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166506	0.11417	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166506	0.25306	3.49	3.49	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166506	0.35289	3.41	3.41	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166506	0.41024	3.37	3.37	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166506	0.44005	3.37	3.37	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166506	0.4581	3.18	3.18	1.5	ANNUAL	PM25_27
Term131S	552264.8	4166506	0.30386	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166506	0.21576	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166506	0.14636	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166506	0.11713	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166506	0.10504	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166506	0.08764	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166506	0.07354	3.17	3.17	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166506	0.06329	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166506	0.05538	2.84	2.84	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166506	0.04869	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166506	0.04332	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166506	0.03899	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166526	0.00717	4.47	4.47	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166526	0.00809	5.15	5.15	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166526	0.00918	5.83	5.83	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166526	0.01095	4.58	4.58	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166526	0.01316	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166526	0.01603	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166526	0.01996	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166526	0.02547	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166526	0.03432	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166526	0.05146	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166526	0.09276	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166526	0.08917	3.61	3.61	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166526	0.10298	3.47	3.47	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166526	0.21855	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166526	0.32639	3.41	3.41	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166526	0.36964	3.34	3.34	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166526	0.3745	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166526	0.13655	3.31	3.31	1.5	ANNUAL	PM25_27

UCART1	552304.8	4166526	0.11453	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166526	0.10063	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166526	0.09599	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166526	0.08257	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166526	0.06983	3	3	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166526	0.06044	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166526	0.0531	2.73	2.73	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166526	0.04689	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166526	0.04181	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166526	0.03419	4.08	4.08	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166546	0.00707	4.12	4.12	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166546	0.00798	4.64	4.64	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166546	0.00918	4.64	4.64	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166546	0.01069	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166546	0.01276	4.09	4.09	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166546	0.0155	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166546	0.01911	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166546	0.02421	3.65	3.65	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166546	0.03202	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166546	0.04639	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166546	0.09499	3.8	3.8	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166546	0.08659	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166546	0.09252	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166546	0.09996	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166546	0.09129	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166546	0.08689	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166546	0.08921	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166546	0.07755	2.82	2.82	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166546	0.06622	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166546	0.05766	2.63	2.63	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166546	0.05087	2.56	2.56	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166546	0.04516	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166546	0.04026	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166546	0.03316	3.87	3.87	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166566	0.00699	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166566	0.00795	3.85	3.85	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166566	0.0091	4.08	4.08	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166566	0.01056	4.2	4.2	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166566	0.01255	3.87	3.87	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166566	0.01512	3.62	3.62	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166566	0.0185	3.6	3.6	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166566	0.02323	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166566	0.03026	3.69	3.69	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166566	0.0427	3.64	3.64	1.5	ANNUAL	PM25_27

UCART1	552044.8	4166566	0.09873	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166566	0.08707	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166566	0.08643	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166566	0.07821	3.09	3.09	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166566	0.07719	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166566	0.08513	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166566	0.07287	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166566	0.06266	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166566	0.05491	2.62	2.62	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166566	0.04862	2.61	2.61	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166566	0.04316	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166566	0.03502	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166566	0.03197	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166586	0.00791	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166586	0.00905	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166586	0.01048	3.82	3.82	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166586	0.01236	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166586	0.01479	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166586	0.01797	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166586	0.02239	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166586	0.02879	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166586	0.03967	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166586	0.05181	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166586	0.10317	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166586	0.08668	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166586	0.07903	3.09	3.09	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166586	0.07529	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166586	0.07086	3	3	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166586	0.07178	2.83	2.83	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166586	0.08116	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166586	0.06914	2.73	2.73	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166586	0.05972	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166586	0.0525	2.62	2.62	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166586	0.04652	2.73	2.73	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166586	0.04126	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166586	0.03367	3.86	3.86	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166586	0.03078	3.93	3.93	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166606	0.006	4.01	4.01	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166606	0.00785	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166606	0.00899	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166606	0.01042	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166606	0.01219	3.49	3.49	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166606	0.01446	3.49	3.49	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166606	0.01749	3.36	3.36	1.5	ANNUAL	PM25_27

UCART1	551964.8	4166606	0.02166	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166606	0.02752	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166606	0.03708	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166606	0.05683	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166606	0.08252	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166606	0.08547	3.26	3.26	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166606	0.07374	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166606	0.06804	3.23	3.23	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166606	0.0669	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166606	0.069	2.71	2.71	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166606	0.07569	2.74	2.74	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166606	0.07838	2.47	2.47	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166606	0.06641	2.54	2.54	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166606	0.05747	2.55	2.55	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166606	0.05045	2.58	2.58	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166606	0.04456	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166606	0.03571	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166606	0.03238	3.86	3.86	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166606	0.02966	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166626	0.00594	4.01	4.01	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166626	0.00779	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166626	0.00894	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166626	0.01033	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166626	0.01202	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166626	0.01414	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166626	0.01693	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166626	0.02079	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166626	0.02619	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166626	0.03446	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166626	0.05023	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166626	0.08682	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166626	0.07207	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166626	0.06442	3.07	3.07	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166626	0.06492	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166626	0.06809	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166626	0.07334	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166626	0.07567	2.45	2.45	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166626	0.06424	2.48	2.48	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166626	0.05557	2.46	2.46	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166626	0.04855	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166626	0.04268	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166626	0.0344	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166626	0.03126	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166626	0.02868	3.71	3.71	1.5	ANNUAL	PM25_27

UCART1	551804.8	4166646	0.00593	3.84	3.84	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166646	0.00771	3.16	3.16	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166646	0.00887	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166646	0.01022	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166646	0.01182	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166646	0.0138	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166646	0.01638	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166646	0.01991	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166646	0.02472	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166646	0.03183	2.97	2.97	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166646	0.04476	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166646	0.08885	2.65	2.65	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166646	0.07181	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166646	0.06247	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166646	0.06503	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166646	0.06934	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166646	0.07362	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166646	0.07398	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166646	0.06264	2.43	2.43	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166646	0.05386	2.42	2.42	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166646	0.04667	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166646	0.03648	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166646	0.03317	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166646	0.03027	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166646	0.02784	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166666	0.00594	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166666	0.00759	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166666	0.00876	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166666	0.01007	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166666	0.01158	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166666	0.01344	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166666	0.01583	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166666	0.01899	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166666	0.02311	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166666	0.0292	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166666	0.04004	3	3	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166666	0.09137	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166666	0.07255	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166666	0.06158	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166666	0.06851	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166666	0.07371	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166666	0.07539	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166666	0.07297	2.45	2.45	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166666	0.0612	2.33	2.33	1.5	ANNUAL	PM25_27

UCART1	552444.8	4166666	0.05198	2.48	2.48	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166666	0.04472	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166666	0.0352	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166666	0.0321	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166666	0.02937	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166666	0.02717	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166686	0.0059	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166686	0.00863	3	3	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166686	0.00989	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166686	0.01135	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166686	0.01309	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166686	0.01528	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166686	0.0181	3.02	3.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166686	0.02184	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166686	0.02717	2.97	2.97	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166686	0.03625	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166686	0.05167	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166686	0.09579	2.78	2.78	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166686	0.07407	2.77	2.77	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166686	0.0616	2.77	2.77	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166686	0.05374	3.02	3.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166686	0.07983	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166686	0.08434	2.57	320.02	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166686	0.08769	2.75	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166686	0.07154	2.54	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166686	0.05904	2.47	320.02	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166686	0.04981	2.66	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166686	0.03788	3.19	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166686	0.0342	3.09	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166686	0.03131	3.08	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166686	0.02884	3.35	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166686	0.02681	3.47	320.02	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166706	0.00587	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166706	0.00658	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166706	0.00848	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166706	0.00969	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166706	0.01108	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166706	0.0127	3.05	3.05	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166706	0.01467	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166706	0.01719	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166706	0.02058	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166706	0.02528	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166706	0.03303	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166706	0.05025	2.88	2.88	1.5	ANNUAL	PM25_27

UCART1	552084.8	4166706	0.0763	2.67	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166706	0.06211	2.79	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166706	0.05328	3	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166706	0.04896	2.45	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166706	0.05589	2.46	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166706	0.10395	2.57	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166706	0.11165	2.51	320.02	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166706	0.10904	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166706	0.11063	2.69	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166706	0.06881	2.62	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166706	0.05632	2.71	320.02	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166706	0.04759	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166706	0.03698	2.95	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166706	0.03369	2.88	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166706	0.03099	3.06	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166706	0.02872	3.24	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166706	0.02674	3.38	320.02	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166726	0.00586	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166726	0.00654	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166726	0.0083	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166726	0.00946	2.88	2.88	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166726	0.01076	2.83	2.83	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166726	0.01223	2.98	2.98	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166726	0.01399	3.08	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166726	0.01627	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166726	0.01923	2.85	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166726	0.02346	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166726	0.03024	2.88	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166726	0.04406	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166726	0.07919	2.57	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166726	0.06269	3.06	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166726	0.05281	3.32	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166726	0.04746	3.15	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166726	0.0452	2.73	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166726	0.04529	2.47	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166726	0.04801	2.29	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166726	0.05367	2.34	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166726	0.0624	2.41	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166726	0.07426	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166726	0.09108	2.33	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166726	0.1023	2.37	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166726	0.06511	2.54	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166726	0.05315	3.07	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166726	0.03674	2.82	320.02	1.5	ANNUAL	PM25_27

UCART1	552504.8	4166726	0.03389	2.75	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166726	0.0313	2.95	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166726	0.02893	3.19	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166726	0.02686	3.2	320.02	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166746	0.00812	3.33	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166746	0.00921	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166746	0.01041	2.72	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166746	0.01176	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166746	0.01335	2.93	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166746	0.01534	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166746	0.01801	2.93	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166746	0.02184	2.84	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166746	0.02787	2.82	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166746	0.03941	2.8	320.02	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166746	0.08244	2.64	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166746	0.06404	3.16	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166746	0.05329	3.29	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166746	0.04708	3.12	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166746	0.04374	2.82	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166746	0.04243	2.61	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166746	0.04287	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166746	0.0449	2.44	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166746	0.04834	2.44	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166746	0.05301	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166746	0.05949	2.3	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166746	0.06848	2.35	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166746	0.06	2.61	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166746	0.05007	3.27	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166746	0.04081	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166746	0.0379	2.74	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166746	0.03499	2.76	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166746	0.03195	3.16	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166746	0.02917	3.59	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166746	0.02693	3.44	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166766	0.00707	3.59	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166766	0.00892	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166766	0.01001	2.68	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166766	0.01125	2.71	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166766	0.0127	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166766	0.01445	3.16	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166766	0.01691	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166766	0.02037	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166766	0.02576	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166766	0.03562	2.74	320.02	1.5	ANNUAL	PM25_27

UCART1	552084.8	4166766	0.08653	2.73	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166766	0.06612	3.13	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166766	0.05439	3.12	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166766	0.04715	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166766	0.04271	2.94	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166766	0.0404	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166766	0.0395	2.75	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166766	0.03997	2.6	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166766	0.04151	2.54	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166766	0.04408	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166766	0.048	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166766	0.05401	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166766	0.05608	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166766	0.04969	3.35	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166766	0.04479	2.72	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166766	0.04093	2.69	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166766	0.03674	2.87	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166766	0.03276	3.52	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166766	0.02941	4.2	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166766	0.02697	3.92	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166786	0.00691	3.63	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166786	0.00858	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166786	0.00957	2.83	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166786	0.01069	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166786	0.01199	3.1	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166786	0.01358	3.46	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166786	0.01594	2.97	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166786	0.01901	3.05	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166786	0.02378	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166786	0.03229	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166786	0.04729	2.8	320.02	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166786	0.09208	2.74	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166786	0.06934	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166786	0.05602	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166786	0.04748	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166786	0.04213	3.05	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166786	0.03908	2.9	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166786	0.03767	2.54	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166786	0.03715	2.51	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166786	0.03762	2.59	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166786	0.03906	2.68	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166786	0.04178	2.69	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166786	0.0473	2.52	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166786	0.05355	2.63	320.02	1.5	ANNUAL	PM25_27

UCART1	552484.8	4166786	0.04506	2.82	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166786	0.03861	3.25	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166786	0.03383	3.55	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166786	0.03007	3.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166786	0.02724	3.77	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166806	0.00673	3.63	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166806	0.0082	3.38	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166806	0.00909	3.23	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166806	0.01011	3.22	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166806	0.01133	3.32	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166806	0.01288	3.37	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166806	0.01507	2.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166806	0.01788	3.01	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166806	0.02215	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166806	0.02952	2.93	320.02	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166806	0.04594	2.83	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166806	0.07223	2.82	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166806	0.05741	2.95	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166806	0.04796	3.08	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166806	0.04196	3.12	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166806	0.03828	3.01	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166806	0.03643	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166806	0.03532	2.52	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166806	0.03521	2.61	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166806	0.0361	2.7	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166806	0.03844	2.73	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166806	0.04423	2.53	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166806	0.07815	3.47	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166806	0.07176	2.98	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166806	0.06077	2.52	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166806	0.04856	2.74	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166806	0.04044	3.17	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166806	0.03489	3.32	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166806	0.03067	3.59	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166806	0.02751	3.52	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166826	0.00653	3.59	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166826	0.00783	3.73	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166826	0.00862	3.69	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166826	0.00956	3.63	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166826	0.01072	3.52	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166826	0.01224	3.21	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166826	0.01426	2.87	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166826	0.01689	2.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166826	0.02074	2.99	320.02	1.5	ANNUAL	PM25_27

UCART1	552044.8	4166826	0.02718	2.96	320.02	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166826	0.04049	2.85	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166826	0.07534	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166826	0.05891	3.15	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166826	0.04871	3.18	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166826	0.04215	3.15	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166826	0.03789	3.11	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166826	0.03561	2.58	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166826	0.03412	2.58	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166826	0.03368	2.59	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166826	0.03437	2.61	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166826	0.03674	2.62	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166826	0.04298	2.45	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166826	0.07003	3.92	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166826	0.06503	2.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166826	0.06062	2.42	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166826	0.04946	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166826	0.04137	2.71	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166826	0.03551	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166826	0.03097	3.25	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166826	0.02763	3.18	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166846	0.00634	3.44	320.02	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166846	0.00689	3.53	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166846	0.0082	3.96	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166846	0.00907	3.9	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166846	0.01016	3.68	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166846	0.01155	3.42	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166846	0.01344	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166846	0.01594	2.92	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166846	0.01946	3	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166846	0.02512	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166846	0.03627	2.87	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166846	0.07997	2.67	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166846	0.06161	2.88	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166846	0.05017	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166846	0.04277	3.05	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166846	0.03783	3.18	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166846	0.03507	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166846	0.03338	2.62	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166846	0.03276	2.53	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166846	0.03339	2.51	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166846	0.03593	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166846	0.04266	2.44	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166846	0.07019	2.41	320.02	1.5	ANNUAL	PM25_27

UCART1	552424.8	4166846	0.06371	2.58	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166846	0.05962	2.46	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166846	0.04888	2.58	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166846	0.04106	2.79	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166846	0.03529	2.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166846	0.03087	3.04	320.02	1.5	ANNUAL	PM25_27
UCART2	551904.6	4166869	0.00777	4.03	320.02	1.5	ANNUAL	PM25_27
UCART2	551924.6	4166869	0.00855	4.05	320.02	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166869	0.00956	3.81	320.02	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166869	0.01085	3.53	320.02	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166869	0.01256	3.22	320.02	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166869	0.01491	2.92	320.02	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166869	0.01809	3.02	320.02	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166869	0.02304	3.06	320.02	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166869	0.03233	2.84	320.02	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166869	0.04143	2.67	320.02	1.5	ANNUAL	PM25_27
UCART2	552104.6	4166869	0.08573	2.75	320.02	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166869	0.06478	2.87	320.02	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166869	0.05203	2.96	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166869	0.04373	3.04	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166869	0.03822	3.15	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166869	0.03482	3.03	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166869	0.03289	2.8	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166869	0.03218	2.59	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166869	0.03284	2.47	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166869	0.03559	2.45	320.02	1.5	ANNUAL	PM25_27
UCART2	552304.6	4166869	0.04301	2.45	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166869	0.06298	2.66	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166869	0.06874	2.02	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166869	0.06258	2.48	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166869	0.05864	2.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166869	0.04807	2.66	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166869	0.0404	2.85	320.02	1.5	ANNUAL	PM25_27
UCART2	552524.6	4166869	0.03471	3.01	320.02	1.5	ANNUAL	PM25_27
UCART2	552544.6	4166869	0.03043	2.99	320.02	1.5	ANNUAL	PM25_27
UCART2	551884.6	4166889	0.00685	3.59	356.4	1.5	ANNUAL	PM25_27
UCART2	551924.6	4166889	0.00815	4.08	320.02	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166889	0.00909	3.83	320.02	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166889	0.01031	3.51	320.02	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166889	0.01188	3.33	320.02	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166889	0.01408	2.95	320.02	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166889	0.01702	3.05	320.02	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166889	0.0215	3.08	320.02	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166889	0.02959	2.83	320.02	1.5	ANNUAL	PM25_27

UCART2	552084.6	4166889	0.0489	2.75	320.02	1.5	ANNUAL	PM25_27
UCART2	552104.6	4166889	0.09195	2.97	320.02	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166889	0.06763	2.99	320.02	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166889	0.05376	3.02	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166889	0.04472	3.08	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166889	0.03882	3.07	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166889	0.03487	3.2	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166889	0.03271	3.02	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166889	0.03196	2.74	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166889	0.0327	2.55	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166889	0.03569	2.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552304.6	4166889	0.04396	2.52	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166889	0.07997	2.72	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166889	0.06663	2.57	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166889	0.06147	2.6	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166889	0.05756	2.61	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166889	0.04719	2.7	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166889	0.03964	2.88	320.02	1.5	ANNUAL	PM25_27
UCART2	552524.6	4166889	0.03399	3.12	320.02	1.5	ANNUAL	PM25_27
UCART2	551924.6	4166909	0.00779	3.97	356.4	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166909	0.00869	3.62	356.4	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166909	0.00983	3.34	356.4	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166909	0.01128	3.25	356.4	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166909	0.01325	3.13	345.72	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166909	0.01601	3.09	320.02	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166909	0.02015	3.05	320.02	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166909	0.0271	2.99	320.02	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166909	0.04217	2.94	320.02	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166909	0.07122	2.94	320.02	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166909	0.05576	3.07	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166909	0.04594	3.11	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166909	0.03963	3.01	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166909	0.03537	3.1	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166909	0.03284	3.17	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166909	0.03186	3.15	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166909	0.03252	3.12	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166909	0.03572	3.08	320.02	1.5	ANNUAL	PM25_27
UCART2	552304.6	4166909	0.04509	2.87	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166909	0.07788	2.72	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166909	0.0647	2.84	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166909	0.05985	2.91	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166909	0.05634	2.7	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166909	0.04636	2.58	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166909	0.03888	2.79	320.02	1.5	ANNUAL	PM25_27

UCART2	552524.6	4166909	0.0333	3.04	320.02	1.5	ANNUAL	PM25_27
UCART2	551904.6	4166929	0.0068	3.93	356.88	1.5	ANNUAL	PM25_27
UCART2	551924.6	4166929	0.00745	3.89	356.88	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166929	0.00828	3.65	356.88	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166929	0.00931	3.52	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166929	0.0107	3.22	356.4	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166929	0.01251	3.18	356.4	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166929	0.01504	3.14	356.4	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166929	0.01885	3.08	356.4	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166929	0.02503	3.03	356.4	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166929	0.0374	2.98	320.02	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166929	0.07514	2.95	320.02	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166929	0.05817	3.05	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166929	0.04744	3.11	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166929	0.04046	3.14	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166929	0.03586	3.29	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166929	0.03315	3.4	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166929	0.03206	3.48	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166929	0.03279	3.5	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166929	0.03633	3.43	320.02	1.5	ANNUAL	PM25_27
UCART2	552304.6	4166929	0.04673	3.36	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166929	0.0745	2.77	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166929	0.06232	2.93	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166929	0.05815	3	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166929	0.05495	2.83	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166929	0.04534	2.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166929	0.03803	2.7	320.02	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166949	0.00787	3.84	356.88	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166949	0.00882	3.8	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166949	0.01014	3.23	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166949	0.0118	3.19	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166949	0.01412	3.21	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166949	0.01759	3.15	356.4	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166949	0.02322	3.03	356.4	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166949	0.0337	2.97	356.4	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166949	0.07963	2.98	345.72	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166949	0.06086	3.04	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166949	0.04918	3.11	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166949	0.04145	3.32	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166949	0.0365	3.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166949	0.03368	3.63	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166949	0.03263	3.7	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166949	0.03364	3.64	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166949	0.03781	3.57	320.02	1.5	ANNUAL	PM25_27

UCART2	552384.6	4166949	0.07042	2.84	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166949	0.05973	2.86	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166949	0.0565	2.88	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166949	0.05341	3.01	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166949	0.04418	2.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166949	0.0371	2.62	320.02	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166969	0.00747	4.26	356.88	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166969	0.00839	3.85	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166969	0.00957	3.49	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166969	0.0111	3.35	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166969	0.0132	3.37	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166969	0.01636	3.28	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166969	0.02143	3.16	356.88	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166969	0.03031	3.3	356.88	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166969	0.08493	3.09	356.4	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166969	0.06342	3.29	356.4	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166969	0.05098	3.24	356.4	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166969	0.04332	2.91	345.72	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166969	0.04195	2.19	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166969	0.06638	3.01	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166969	0.05683	3.05	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166969	0.05393	3.54	320.02	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166989	0.00794	4.16	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166989	0.00905	3.67	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166989	0.01045	3.5	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166989	0.01234	3.48	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166989	0.01518	3.41	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166989	0.01969	3.34	356.88	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166989	0.02749	3.5	356.88	1.5	ANNUAL	PM25_27
UCART2	552104.6	4166989	0.04646	3.14	356.88	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166989	0.09215	3.09	356.88	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166989	0.06782	2.83	356.88	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166989	0.04	2.19	356.4	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166989	0.03623	3.33	345.72	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166989	0.03592	3.13	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166989	0.03899	2.47	320.02	1.5	ANNUAL	PM25_27
UCART2	552364.6	4166989	0.0779	3.32	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166989	0.06319	2.74	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166989	0.05419	3.08	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166989	0.05219	3.48	320.02	1.5	ANNUAL	PM25_27
UCART2	551964.6	4167009	0.00748	4.62	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4167009	0.00855	3.8	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4167009	0.00983	3.64	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4167009	0.01156	3.55	356.88	1.5	ANNUAL	PM25_27

UCART2	552044.6	4167009	0.01406	3.54	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4167009	0.01799	3.56	356.88	1.5	ANNUAL	PM25_27
UCART2	552084.6	4167009	0.02494	3.58	356.88	1.5	ANNUAL	PM25_27
UCART2	552104.6	4167009	0.03994	3.57	356.88	1.5	ANNUAL	PM25_27
UCART2	552184.6	4167009	0.04591	3.64	356.88	1.5	ANNUAL	PM25_27
UCART2	552204.6	4167009	0.04053	3.57	356.4	1.5	ANNUAL	PM25_27
UCART2	552224.6	4167009	0.03745	4.03	356.4	1.5	ANNUAL	PM25_27
UCART2	552244.6	4167009	0.03762	4.2	348.95	1.5	ANNUAL	PM25_27
UCART2	552264.6	4167009	0.04271	4.36	320.02	1.5	ANNUAL	PM25_27
UCART2	551984.6	4167029	0.00802	4.15	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4167029	0.00921	3.82	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4167029	0.01082	3.55	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4167029	0.01304	3.58	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4167029	0.0165	3.56	356.88	1.5	ANNUAL	PM25_27
UCART2	552084.6	4167029	0.02311	2.77	356.88	1.5	ANNUAL	PM25_27
UCART2	552144.6	4167029	0.0755	3.29	356.88	1.5	ANNUAL	PM25_27
UCART2	552164.6	4167029	0.05918	3.03	356.88	1.5	ANNUAL	PM25_27
UCART2	552184.6	4167029	0.04779	3.98	356.88	1.5	ANNUAL	PM25_27
UCART2	552204.6	4167029	0.04248	3.96	356.88	1.5	ANNUAL	PM25_27
UCART2	552224.6	4167029	0.04052	3.93	356.88	1.5	ANNUAL	PM25_27
UCART2	552244.6	4167029	0.0424	4.07	356.4	1.5	ANNUAL	PM25_27
UCART2	551984.6	4167049	0.00752	4.63	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4167049	0.00863	3.92	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4167049	0.01013	3.36	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4167049	0.01222	3.04	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4167049	0.01542	2.79	356.88	1.5	ANNUAL	PM25_27
UCART2	552144.6	4167049	0.08057	3.84	356.88	1.5	ANNUAL	PM25_27
UCART2	552164.6	4167049	0.06323	3.61	356.88	1.5	ANNUAL	PM25_27
UCART2	552184.6	4167049	0.05173	4.13	356.88	1.5	ANNUAL	PM25_27
UCART2	552204.6	4167049	0.04621	4.14	356.88	1.5	ANNUAL	PM25_27
UCART2	552224.6	4167049	0.04571	3.85	356.88	1.5	ANNUAL	PM25_27

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Z	Averagin Pe	Source Gro
UCART1	552064.8	4166026	0.0025	4.6	4.6	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166026	0.00274	4.06	4.06	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166026	0.00298	3.76	3.76	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166026	0.00319	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166026	0.00339	3.84	3.84	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166026	0.0036	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166026	0.00376	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166026	0.00392	3.16	3.16	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166026	0.00406	3	3	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166026	0.00419	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166026	0.00431	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166026	0.00444	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166026	0.00463	2.98	2.98	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166026	0.0049	3.02	3.02	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166026	0.00537	2.88	2.88	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166026	0.00624	2.63	2.63	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166046	0.00334	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166046	0.00363	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166046	0.00388	3.73	3.73	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166046	0.00411	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166046	0.00432	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166046	0.00448	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166046	0.0046	3.46	3.46	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166046	0.00471	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166046	0.0048	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166046	0.00487	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166046	0.00494	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166046	0.00503	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166046	0.00522	3.03	3.03	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166046	0.00557	2.68	2.68	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166046	0.00619	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166046	0.00742	2.37	2.37	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166066	0.00288	4.58	4.58	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166066	0.00301	4.32	4.32	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166066	0.00312	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166066	0.00329	4.1	4.1	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166066	0.00353	3.84	3.84	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166066	0.00386	3.7	3.7	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166066	0.00423	3.7	3.7	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166066	0.00463	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166066	0.00494	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166066	0.00516	3.76	3.76	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166066	0.00535	3.7	3.7	1.5	ANNUAL	PM25_28

UCART1	552144.8	4166066	0.00551	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166066	0.00558	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166066	0.00564	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166066	0.00566	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166066	0.00564	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166066	0.00561	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166066	0.0056	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166066	0.00563	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166066	0.00584	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166066	0.00626	2.56	2.56	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166066	0.00705	2.3	2.3	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166066	0.00877	2.29	2.29	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166086	0.00351	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166086	0.00372	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166086	0.00399	4.65	4.65	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166086	0.00445	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166086	0.00508	3.82	3.82	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166086	0.00568	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166086	0.00617	3.65	3.65	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166086	0.00658	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166086	0.00682	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166086	0.00692	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166086	0.00701	3.73	3.73	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166086	0.00706	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166086	0.007	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166086	0.00692	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166086	0.00676	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166086	0.00657	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166086	0.00639	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166086	0.00628	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166086	0.00624	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166086	0.00648	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166086	0.00698	2.59	2.59	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166086	0.008	2.38	2.38	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166086	0.01017	2.34	2.34	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166086	0.0196	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166086	0.01602	3	3	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166086	0.0135	2.42	2.42	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166086	0.01157	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166086	0.01013	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166086	0.00905	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166106	0.00372	4.88	4.88	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166106	0.00408	4.68	4.68	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166106	0.00445	4.62	4.62	1.5	ANNUAL	PM25_28

UCART1	551944.8	4166106	0.00483	4.94	4.94	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166106	0.00554	5.06	5.06	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166106	0.00671	4.8	4.8	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166106	0.00799	4.16	4.16	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166106	0.00888	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166106	0.00931	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166106	0.00951	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166106	0.00949	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166106	0.00945	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166106	0.00934	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166106	0.00911	3.82	3.82	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166106	0.0088	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166106	0.00843	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166106	0.008	2.54	2.54	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166106	0.00758	2.4	2.4	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166106	0.00726	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166106	0.00704	2.61	2.61	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166106	0.00693	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166106	0.00716	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166106	0.00773	2.78	2.78	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166106	0.00897	2.59	2.59	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166106	0.01151	2.47	2.47	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166106	0.02002	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166106	0.01655	2.84	2.84	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166106	0.01407	2.61	2.61	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166106	0.01219	2.68	2.68	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166106	0.01075	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166106	0.00962	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166126	0.00389	4.78	4.78	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166126	0.00464	4.77	4.77	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166126	0.00535	4.62	4.62	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166126	0.00609	4.62	4.62	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166126	0.00725	5	5	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166126	0.0094	5.31	5.31	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166126	0.01176	5.06	5.06	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166126	0.01348	4.41	4.41	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166126	0.01431	3.8	3.8	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166126	0.01438	3.46	3.46	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166126	0.0141	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166126	0.01361	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166126	0.01324	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166126	0.01268	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166126	0.01183	3.92	3.92	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166126	0.01089	3.71	3.71	1.5	ANNUAL	PM25_28

UCART1	552184.8	4166126	0.01004	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166126	0.00922	2.4	2.4	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166126	0.00856	2.26	2.26	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166126	0.00808	2.26	2.26	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166126	0.00778	2.35	2.35	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166126	0.00767	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166126	0.0079	2.78	2.78	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166126	0.00856	2.71	2.71	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166126	0.00997	2.58	2.58	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166126	0.0128	2.58	2.58	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166126	0.02047	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166126	0.01706	2.77	2.77	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166126	0.01458	2.74	2.74	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166126	0.01273	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166126	0.01128	2.75	2.75	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166126	0.01013	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166146	0.00359	4.84	4.84	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166146	0.00452	4.67	4.67	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166146	0.00595	4.62	4.62	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166146	0.0078	4.54	4.54	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166146	0.01016	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166146	0.01608	4.83	4.83	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166146	0.02041	5.39	5.39	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166146	0.02269	5.1	5.1	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166146	0.02376	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166146	0.02407	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166146	0.02352	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166146	0.02223	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166146	0.02085	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166146	0.01944	3.6	3.6	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166146	0.01733	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166146	0.01502	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166146	0.01305	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166146	0.01166	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166146	0.01044	2.61	2.61	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166146	0.00954	2.65	2.65	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166146	0.00893	2.6	2.6	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166146	0.00856	2.45	2.45	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166146	0.00848	2.45	2.45	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166146	0.00873	2.53	2.53	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166146	0.0095	2.38	2.38	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166146	0.01104	2.35	2.35	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166146	0.01406	2.69	2.69	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166146	0.02103	2.64	2.64	1.5	ANNUAL	PM25_28

UCART1	552484.8	4166146	0.01759	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166146	0.0151	2.81	2.81	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166146	0.0132	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166146	0.01174	2.87	2.87	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166146	0.01058	2.77	2.77	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166166	0.00317	4.89	4.89	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166166	0.00395	4.93	4.93	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166166	0.00516	4.86	4.86	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166166	0.00746	4.75	4.75	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166166	0.04119	4.38	4.38	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166166	0.05072	4.46	4.46	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166166	0.04441	4.25	4.25	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166166	0.0478	3.97	3.97	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166166	0.04819	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166166	0.04524	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166166	0.04097	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166166	0.03626	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166166	0.02899	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166166	0.02278	3.3	3.3	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166166	0.01842	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166166	0.01536	3.09	3.09	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166166	0.0132	2.82	2.82	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166166	0.01162	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166166	0.0105	2.98	2.98	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166166	0.00977	2.97	2.97	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166166	0.00939	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166166	0.00934	2.62	2.62	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166166	0.00966	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166166	0.01055	2.68	2.68	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166166	0.01221	2.59	2.59	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166166	0.01531	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166166	0.0264	2.78	2.78	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166166	0.02163	2.15	2.15	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166166	0.01822	2.39	2.39	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166166	0.0156	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166166	0.01365	3.05	3.05	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166166	0.01216	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166166	0.01098	2.84	2.84	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166186	0.00274	4.79	4.79	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166186	0.00336	4.87	4.87	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166186	0.00429	4.91	4.91	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166186	0.00583	4.81	4.81	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166186	0.00903	4.68	4.68	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166186	0.04398	4.43	4.43	1.5	ANNUAL	PM25_28

UCART1	551944.8	4166186	0.04001	4.41	4.41	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166186	0.04039	4.15	4.15	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166186	0.04208	3.85	3.85	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166186	0.04447	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166186	0.04762	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166186	0.04618	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166186	0.05339	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166186	0.03622	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166186	0.02683	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166186	0.02102	3.02	3.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166186	0.01715	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166186	0.01451	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166186	0.01268	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166186	0.01143	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166186	0.01066	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166186	0.01032	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166186	0.01041	2.43	2.43	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166186	0.01093	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166186	0.01192	2.5	2.5	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166186	0.01364	2.51	2.51	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166186	0.01674	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166186	0.01616	2.75	2.75	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166186	0.01418	2.74	2.74	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166186	0.0126	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166186	0.01135	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166206	0.00283	4.8	4.8	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166206	0.00351	4.89	4.89	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166206	0.00459	4.78	4.78	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166206	0.00652	4.57	4.57	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166206	0.01051	4.46	4.46	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166206	0.04404	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166206	0.03461	4.84	4.84	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166206	0.03108	4.36	4.36	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166206	0.02969	3.85	3.85	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166206	0.02945	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166206	0.03022	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166206	0.03287	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166206	0.04774	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166206	0.03584	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166206	0.02774	3.26	3.26	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166206	0.02214	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166206	0.01812	3.61	3.61	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166206	0.01547	3.27	3.27	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166206	0.0136	3.16	3.16	1.5	ANNUAL	PM25_28

UCART1	552224.8	4166206	0.01239	3.07	3.07	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166206	0.01172	3.03	3.03	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166206	0.01161	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166206	0.0278	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166206	0.02284	2.12	2.12	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166206	0.01464	1.62	1.62	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166206	0.01305	2.52	2.52	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166206	0.01168	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166226	0.00292	4.64	4.64	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166226	0.00369	4.4	4.4	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166226	0.00496	4.18	4.18	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166226	0.00717	4.27	4.27	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166226	0.03115	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166226	0.03403	4.66	4.66	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166226	0.02883	4.32	4.32	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166226	0.02607	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166226	0.02489	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166226	0.02541	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166226	0.02952	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166226	0.04312	3.69	3.69	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166226	0.03351	3.77	3.77	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166226	0.02713	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166226	0.02248	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166226	0.0189	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166226	0.01632	3.3	3.3	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166226	0.02822	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166226	0.01716	2.68	2.68	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166226	0.01509	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166226	0.01206	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166246	0.003	4.53	4.53	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166246	0.00387	4.09	4.09	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166246	0.00527	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166246	0.00744	4.17	4.17	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166246	0.01121	4.33	4.33	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166246	0.01903	4.45	4.45	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166246	0.02204	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166246	0.03416	4.58	4.58	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166246	0.02799	4.41	4.41	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166246	0.02466	4.19	4.19	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166246	0.02324	4.1	4.1	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166246	0.02399	3.97	3.97	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166246	0.02955	3.76	3.76	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166246	0.03135	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166246	0.04081	3.73	3.73	1.5	ANNUAL	PM25_28

UCART1	552104.8	4166246	0.03236	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166246	0.02677	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166246	0.02287	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166246	0.01992	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166246	0.01599	2.05	2.05	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166246	0.01786	2.49	2.49	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166246	0.0186	3.16	3.16	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166246	0.01841	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166246	0.01808	3.27	3.27	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166246	0.01816	3.17	3.17	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166246	0.01903	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166246	0.03561	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166246	0.02863	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166246	0.02368	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166246	0.02016	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166246	0.01743	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166246	0.01531	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166246	0.01373	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166266	0.00309	4.46	4.46	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166266	0.00401	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166266	0.0054	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166266	0.00737	4.26	4.26	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166266	0.01085	4.33	4.33	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166266	0.01819	4.42	4.42	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166266	0.03443	4.6	4.6	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166266	0.02784	4.67	4.67	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166266	0.02432	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166266	0.02291	4.43	4.43	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166266	0.02386	4.25	4.25	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166266	0.02995	3.92	3.92	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166266	0.04012	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166266	0.04054	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166266	0.03246	3.62	3.62	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166266	0.02715	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166266	0.02376	2.87	2.87	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166266	0.02107	2.78	2.78	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166266	0.03896	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166266	0.02999	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166266	0.02582	3.3	3.3	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166266	0.02316	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166266	0.02148	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166266	0.02076	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166266	0.02116	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166266	0.03634	3.27	3.27	1.5	ANNUAL	PM25_28

UCART1	552444.8	4166266	0.0292	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166266	0.02417	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166266	0.02062	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166266	0.01781	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166266	0.0156	3.62	3.62	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166266	0.0139	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166266	0.0125	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166286	0.00318	4.36	4.36	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166286	0.00406	4.11	4.11	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166286	0.00529	4.23	4.23	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166286	0.00718	4.11	4.11	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166286	0.01028	4.18	4.18	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166286	0.01648	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166286	0.0372	4.49	4.49	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166286	0.02982	4.29	4.29	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166286	0.02554	4.28	4.28	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166286	0.0236	4.41	4.41	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166286	0.02438	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166286	0.03076	3.93	3.93	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166286	0.05385	3.56	3.56	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166286	0.04073	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166286	0.03307	3.49	3.49	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166286	0.02845	2.81	2.81	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166286	0.02751	2.55	2.55	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166286	0.05644	3.21	3.21	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166286	0.06732	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166286	0.0462	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166286	0.03484	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166286	0.02875	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166286	0.02532	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166286	0.02363	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166286	0.02349	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166286	0.03679	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166286	0.02962	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166286	0.02459	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166286	0.021	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166286	0.01813	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166286	0.01587	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166286	0.01409	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166286	0.01266	3.65	3.65	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166306	0.00216	5.27	5.27	1.5	ANNUAL	PM25_28
UCART1	551784.8	4166306	0.00261	4.78	4.78	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166306	0.00323	4.32	4.32	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166306	0.00405	4.26	4.26	1.5	ANNUAL	PM25_28

UCART1	551844.8	4166306	0.00514	4.48	4.48	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166306	0.00691	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166306	0.00954	4	4	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166306	0.01415	4.2	4.2	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166306	0.02208	4.34	4.34	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166306	0.04448	4.36	4.36	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166306	0.03337	4.09	4.09	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166306	0.02765	4.13	4.13	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166306	0.02483	4.36	4.36	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166306	0.02516	4.29	4.29	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166306	0.03115	3.95	3.95	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166306	0.04051	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166306	0.04233	3.11	3.11	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166306	0.03569	3.31	3.31	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166306	0.0664	3.33	3.33	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166306	0.0765	3.61	3.61	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166306	0.08197	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166306	0.05997	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166306	0.04282	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166306	0.03414	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166306	0.02916	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166306	0.02656	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166306	0.02588	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166306	0.03703	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166306	0.02997	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166306	0.02497	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166306	0.02131	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166306	0.01839	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166306	0.0161	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166306	0.01428	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166306	0.01282	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166326	0.00222	4.79	4.79	1.5	ANNUAL	PM25_28
UCART1	551784.8	4166326	0.00266	4.51	4.51	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166326	0.00324	4.35	4.35	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166326	0.00399	4.39	4.39	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166326	0.00501	4.3	4.3	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166326	0.00659	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166326	0.00875	3.77	3.77	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166326	0.01216	4.09	4.09	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166326	0.0188	4.26	4.26	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166326	0.03778	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166326	0.03021	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166326	0.02648	4.29	4.29	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166326	0.02606	4.19	4.19	1.5	ANNUAL	PM25_28

UCART1	552044.8	4166326	0.03077	4.03	4.03	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166326	0.03222	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166326	0.03511	2.72	2.72	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166326	0.05426	2.98	2.98	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166326	0.07584	3.29	3.29	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166326	0.08488	3.47	3.47	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166326	0.08328	4.02	4.02	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166326	0.08864	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166326	0.07193	3.27	3.27	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166326	0.04955	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166326	0.03867	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166326	0.03263	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166326	0.02933	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166326	0.02818	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166326	0.03732	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166326	0.03042	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166326	0.0254	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166326	0.02163	3.03	3.03	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166326	0.01861	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166326	0.01631	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166326	0.01447	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166326	0.01297	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166346	0.00225	4.79	4.79	1.5	ANNUAL	PM25_28
UCART1	551784.8	4166346	0.00268	4.59	4.59	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166346	0.00318	5.05	5.05	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166346	0.00379	5.62	5.62	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166346	0.0047	5.2	5.2	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166346	0.00601	4.5	4.5	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166346	0.00789	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166346	0.01059	4.08	4.08	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166346	0.01519	4.28	4.28	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166346	0.02017	4.17	4.17	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166346	0.04464	4.15	4.15	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166346	0.03357	4.34	4.34	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166346	0.02842	4.32	4.32	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166346	0.02688	4.18	4.18	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166346	0.03003	4.03	4.03	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166346	0.04739	2.83	2.83	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166346	0.05102	2.89	2.89	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166346	0.06961	3.13	3.13	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166346	0.08272	3.24	3.24	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166346	0.0919	3.2	3.2	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166346	0.09538	3.38	3.38	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166346	0.09317	3.78	3.78	1.5	ANNUAL	PM25_28

Term131S	552224.8	4166346	0.09506	3.6	3.6	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166346	0.08275	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166346	0.05597	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166346	0.04266	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166346	0.03557	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166346	0.03173	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166346	0.03025	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166346	0.03739	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166346	0.03057	3.15	3.15	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166346	0.02561	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166346	0.02182	2.81	2.81	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166346	0.01872	3.3	3.3	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166346	0.01643	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166346	0.01457	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166346	0.01305	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166366	0.00226	4.82	4.82	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166366	0.00311	5.3	5.3	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166366	0.00365	6.04	6.04	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166366	0.00447	5.49	5.49	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166366	0.00557	4.89	4.89	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166366	0.00719	4.05	4.05	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166366	0.00939	4.02	4.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166366	0.01284	4.2	4.2	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166366	0.01977	4.1	4.1	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166366	0.03806	4.23	4.23	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166366	0.0309	4.26	4.26	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166366	0.02795	4.13	4.13	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166366	0.02891	3.98	3.98	1.5	ANNUAL	PM25_28
Term131S	552064.8	4166366	0.03763	3.93	3.93	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166366	0.06414	3.53	3.53	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166366	0.07661	3.46	3.46	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166366	0.0856	3.4	3.4	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166366	0.09381	3.26	3.26	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166366	0.10059	3.08	3.08	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166366	0.10288	3.2	3.2	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166366	0.10263	3.39	3.39	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166366	0.10053	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166366	0.09292	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166366	0.06239	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166366	0.04646	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166366	0.03813	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166366	0.03376	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166366	0.03203	3.15	3.15	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166366	0.03727	3.33	3.33	1.5	ANNUAL	PM25_28

UCART1	552444.8	4166366	0.03051	3.17	3.17	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166366	0.02563	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166366	0.02188	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166366	0.01875	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166366	0.01647	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166366	0.01458	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166366	0.01309	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166386	0.00226	4.81	4.81	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166386	0.0031	4.48	4.48	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166386	0.00365	4.53	4.53	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166386	0.0044	4.19	4.19	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166386	0.0054	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166386	0.00668	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166386	0.0085	3.78	3.78	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166386	0.01126	3.86	3.86	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166386	0.01604	3.97	3.97	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166386	0.02416	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166386	0.04479	3.84	3.84	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166386	0.03431	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166386	0.02956	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166386	0.02846	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166386	0.03289	3.91	3.91	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166386	0.06321	3.46	3.46	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166386	0.08076	3.3	3.3	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166386	0.09179	3.17	3.17	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166386	0.0996	3.04	3.04	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166386	0.10515	2.93	2.93	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166386	0.10758	3.02	3.02	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166386	0.1069	3.26	3.26	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166386	0.10407	3.45	3.45	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166386	0.09868	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166386	0.06857	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166386	0.05027	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166386	0.04044	3.6	3.6	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166386	0.03542	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166386	0.03344	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166386	0.03708	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166386	0.03037	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166386	0.02548	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166386	0.02175	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166386	0.01871	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166386	0.01636	3.76	3.76	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166386	0.0145	4.08	4.08	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166386	0.01307	3.93	3.93	1.5	ANNUAL	PM25_28

UCART1	551764.8	4166406	0.00225	4.89	4.89	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166406	0.00303	4.43	4.43	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166406	0.00353	4.46	4.46	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166406	0.00419	4.25	4.25	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166406	0.0051	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166406	0.00618	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166406	0.00774	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166406	0.01001	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166406	0.01357	3.93	3.93	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166406	0.02067	3.95	3.95	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166406	0.03852	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166406	0.03162	3.82	3.82	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166406	0.02911	3.78	3.78	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166406	0.03186	3.79	3.79	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166406	0.05925	3.45	3.45	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166406	0.08127	3.19	3.19	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166406	0.09321	3.05	3.05	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166406	0.10114	2.95	2.95	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166406	0.10682	2.86	2.86	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166406	0.1098	2.92	2.92	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166406	0.10921	3.19	3.19	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166406	0.10597	3.45	3.45	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166406	0.10206	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166406	0.07483	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166406	0.0539	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166406	0.04248	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166406	0.03671	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166406	0.03446	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166406	0.03665	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166406	0.03004	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166406	0.02522	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166406	0.02158	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166406	0.01861	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166406	0.01626	3.93	3.93	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166406	0.01446	4.17	4.17	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166406	0.01304	4.07	4.07	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166426	0.00295	4.47	4.47	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166426	0.0034	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166426	0.00399	4.45	4.45	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166426	0.00481	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166426	0.00577	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166426	0.00712	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166426	0.00904	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166426	0.01185	3.87	3.87	1.5	ANNUAL	PM25_28

UCART1	551964.8	4166426	0.0169	3.92	3.92	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166426	0.04284	3.69	3.69	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166426	0.03389	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166426	0.03023	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166426	0.03147	3.68	3.68	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166426	0.05319	3.46	3.46	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166426	0.07977	3.13	3.13	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166426	0.09282	3.01	3.01	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166426	0.1009	2.96	2.96	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166426	0.10702	2.86	2.86	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166426	0.11055	2.88	2.88	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166426	0.11011	3.17	3.17	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166426	0.10678	3.47	3.47	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166426	0.10372	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166426	0.08115	3.27	3.27	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166426	0.05699	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166426	0.04404	3.56	3.56	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166426	0.03749	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166426	0.03494	3.07	3.07	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166426	0.03602	2.98	2.98	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166426	0.02954	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166426	0.02488	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166426	0.02136	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166426	0.01846	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166426	0.01617	3.92	3.92	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166426	0.01443	3.99	3.99	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166426	0.01299	4.12	4.12	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166446	0.00333	4.03	4.03	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166446	0.00387	3.96	8.39	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166446	0.00458	3.65	8.39	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166446	0.00547	3.6	8.39	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166446	0.00665	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166446	0.00828	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166446	0.01064	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166446	0.01455	3.87	3.87	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166446	0.02334	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166446	0.03638	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166446	0.03139	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166446	0.03117	3.82	3.82	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166446	0.04539	3.47	3.47	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166446	0.07537	3.21	3.21	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166446	0.08951	3.22	3.22	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166446	0.09756	3.25	3.25	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166446	0.10444	3.12	3.12	1.5	ANNUAL	PM25_28

Term131S	552184.8	4166446	0.1098	2.94	2.94	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166446	0.10947	3.22	3.22	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166446	0.10655	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166446	0.10347	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166446	0.08678	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166446	0.05914	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166446	0.0448	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166446	0.03756	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166446	0.03483	3.09	3.09	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166446	0.03506	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166446	0.02894	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166446	0.02452	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166446	0.02111	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166446	0.01824	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166446	0.01606	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166446	0.01435	3.86	3.86	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166446	0.01293	4.01	4.01	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166466	0.00321	4.37	4.37	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166466	0.00366	4.91	8.39	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166466	0.00418	5.72	8.39	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166466	0.00497	5.25	8.39	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166466	0.00613	4.08	8.39	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166466	0.00767	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166466	0.0097	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166466	0.01289	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166466	0.01923	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166466	0.03949	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166466	0.03297	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166466	0.03155	3.73	3.73	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166466	0.03791	3.65	3.65	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166466	0.0695	3.36	3.36	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166466	0.08616	3.34	3.34	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166466	0.09496	3.38	3.38	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166466	0.10197	3.27	3.27	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166466	0.10827	3	3	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166466	0.1086	3.18	3.18	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166466	0.10633	3.42	3.42	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166466	0.10223	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552264.8	4166466	0.09158	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166466	0.05969	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166466	0.0443	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166466	0.03678	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166466	0.0341	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166466	0.03419	3.25	3.25	1.5	ANNUAL	PM25_28

UCART1	552444.8	4166466	0.02831	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166466	0.02406	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166466	0.02076	2.81	2.81	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166466	0.01798	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166466	0.01589	3.61	3.61	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166466	0.01423	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166486	0.00308	4.93	4.93	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166486	0.00345	6.14	8.39	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166486	0.00379	8.08	8.08	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166486	0.00453	7.1	7.1	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166486	0.00569	4.75	7.05	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166486	0.00718	3.32	7.05	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166486	0.00897	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166486	0.01168	3.78	3.78	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166486	0.01664	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166486	0.0436	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166486	0.03483	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166486	0.03212	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166486	0.03526	3.86	3.86	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166486	0.06403	3.54	3.54	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166486	0.08303	3.39	3.39	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166486	0.09297	3.4	3.4	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166486	0.09919	3.37	3.37	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166486	0.10552	3.06	3.06	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166486	0.10617	3.06	3.06	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166486	0.09645	3.27	3.27	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166486	0.09248	3.4	3.4	1.5	ANNUAL	PM25_28
Term131S	552264.8	4166486	0.08738	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166486	0.05806	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166486	0.04223	3.56	3.56	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166486	0.03488	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166486	0.03285	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166486	0.03338	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166486	0.0276	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166486	0.02345	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166486	0.02031	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166486	0.01771	3.23	3.23	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166486	0.01568	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166486	0.01407	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166506	0.003	4.76	4.76	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166506	0.00337	5.64	5.64	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166506	0.00376	7	7	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166506	0.00454	5.3	8.39	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166506	0.00551	4.02	7.05	1.5	ANNUAL	PM25_28

UCART1	551924.8	4166506	0.00676	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166506	0.00842	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166506	0.01083	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166506	0.01499	3.49	3.49	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166506	0.02414	3.46	3.46	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166506	0.04743	3.56	3.56	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166506	0.03639	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166506	0.03259	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166506	0.03457	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166506	0.06078	3.49	3.49	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166506	0.07977	3.41	3.41	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166506	0.09065	3.37	3.37	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166506	0.09619	3.37	3.37	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166506	0.09933	3.18	3.18	1.5	ANNUAL	PM25_28
Term131S	552264.8	4166506	0.06894	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166506	0.0512	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166506	0.0374	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166506	0.03223	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166506	0.03159	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166506	0.03239	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166506	0.02682	3.17	3.17	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166506	0.02285	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166506	0.01985	2.84	2.84	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166506	0.01737	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166506	0.0154	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166506	0.01384	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166526	0.00294	4.47	4.47	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166526	0.0033	5.15	5.15	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166526	0.00373	5.83	5.83	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166526	0.00443	4.58	4.58	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166526	0.00529	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166526	0.00641	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166526	0.00793	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166526	0.0101	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166526	0.01371	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166526	0.02106	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166526	0.03781	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166526	0.03276	3.61	3.61	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166526	0.0328	3.47	3.47	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166526	0.05421	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166526	0.07482	3.41	3.41	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166526	0.08304	3.34	3.34	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166526	0.08431	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166526	0.03624	3.31	3.31	1.5	ANNUAL	PM25_28

UCART1	552304.8	4166526	0.03178	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166526	0.02965	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166526	0.0307	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166526	0.03108	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166526	0.02594	3	3	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166526	0.02222	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166526	0.01938	2.73	2.73	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166526	0.01702	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166526	0.01511	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166526	0.01231	4.08	4.08	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166546	0.00288	4.12	4.12	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166546	0.00323	4.64	4.64	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166546	0.0037	4.64	4.64	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166546	0.00428	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166546	0.00506	4.09	4.09	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166546	0.0061	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166546	0.00748	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166546	0.00947	3.65	3.65	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166546	0.01263	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166546	0.01873	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166546	0.03936	3.8	3.8	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166546	0.03283	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166546	0.0311	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166546	0.02993	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166546	0.02797	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166546	0.02773	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166546	0.03063	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166546	0.02978	2.82	2.82	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166546	0.0251	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166546	0.02163	2.63	2.63	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166546	0.01894	2.56	2.56	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166546	0.01671	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166546	0.01482	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166546	0.01213	3.87	3.87	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166566	0.00282	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166566	0.00319	3.85	3.85	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166566	0.00363	4.08	4.08	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166566	0.00417	4.2	4.2	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166566	0.00491	3.87	3.87	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166566	0.00587	3.62	3.62	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166566	0.00715	3.6	3.6	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166566	0.00899	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166566	0.01182	3.69	3.69	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166566	0.01705	3.64	3.64	1.5	ANNUAL	PM25_28

UCART1	552044.8	4166566	0.04159	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166566	0.03398	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166566	0.03059	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166566	0.0262	3.09	3.09	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166566	0.02667	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166566	0.03136	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166566	0.02858	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166566	0.02427	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166566	0.02104	2.62	2.62	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166566	0.01848	2.61	2.61	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166566	0.01629	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166566	0.01308	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166566	0.0119	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166586	0.00314	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166586	0.00356	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166586	0.00408	3.82	3.82	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166586	0.00477	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166586	0.00567	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166586	0.00687	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166586	0.00859	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166586	0.01115	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166586	0.01571	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166586	0.0207	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166586	0.04417	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166586	0.03486	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166586	0.02971	3.09	3.09	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166586	0.02668	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166586	0.02553	3	3	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166586	0.02648	2.83	2.83	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166586	0.03149	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166586	0.02774	2.73	2.73	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166586	0.02365	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166586	0.02056	2.62	2.62	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166586	0.01805	2.73	2.73	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166586	0.01589	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166586	0.01281	3.86	3.86	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166586	0.01165	3.93	3.93	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166606	0.00239	4.01	4.01	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166606	0.00308	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166606	0.00349	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166606	0.00401	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166606	0.00465	3.49	3.49	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166606	0.00549	3.49	3.49	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166606	0.00663	3.36	3.36	1.5	ANNUAL	PM25_28

UCART1	551964.8	4166606	0.00825	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166606	0.0106	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166606	0.0146	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166606	0.02336	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166606	0.03485	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166606	0.03546	3.26	3.26	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166606	0.02909	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166606	0.02567	3.23	3.23	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166606	0.02551	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166606	0.02681	2.71	2.71	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166606	0.03037	2.74	2.74	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166606	0.03264	2.47	2.47	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166606	0.02724	2.54	2.54	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166606	0.02326	2.55	2.55	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166606	0.02019	2.58	2.58	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166606	0.01765	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166606	0.01391	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166606	0.01253	3.86	3.86	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166606	0.01141	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166626	0.00235	4.01	4.01	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166626	0.00302	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166626	0.00343	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166626	0.00393	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166626	0.00455	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166626	0.00533	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166626	0.00637	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166626	0.00787	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166626	0.01005	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166626	0.01353	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166626	0.02054	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166626	0.03696	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166626	0.0295	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166626	0.02547	3.07	3.07	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166626	0.02591	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166626	0.0276	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166626	0.03035	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166626	0.03212	2.45	2.45	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166626	0.02689	2.48	2.48	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166626	0.02296	2.46	2.46	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166626	0.01981	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166626	0.01723	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166626	0.01363	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166626	0.0123	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166626	0.01122	3.71	3.71	1.5	ANNUAL	PM25_28

UCART1	551804.8	4166646	0.00231	3.84	3.84	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166646	0.00296	3.16	3.16	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166646	0.00337	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166646	0.00385	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166646	0.00443	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166646	0.00516	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166646	0.00614	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166646	0.00752	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166646	0.00947	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166646	0.0125	2.97	2.97	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166646	0.0183	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166646	0.03866	2.65	2.65	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166646	0.03028	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166646	0.0256	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166646	0.02695	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166646	0.02911	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166646	0.03132	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166646	0.03195	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166646	0.02669	2.43	2.43	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166646	0.02266	2.42	2.42	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166646	0.01938	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166646	0.01482	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166646	0.01336	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166646	0.0121	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166646	0.01107	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166666	0.00229	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166666	0.00288	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166666	0.0033	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166666	0.00377	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166666	0.00431	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166666	0.005	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166666	0.00591	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166666	0.00717	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166666	0.00887	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166666	0.01151	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166666	0.01642	3	3	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166666	0.04047	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166666	0.03133	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166666	0.02596	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166666	0.02935	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166666	0.0319	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166666	0.03282	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166666	0.03198	2.45	2.45	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166666	0.02648	2.33	2.33	1.5	ANNUAL	PM25_28

UCART1	552444.8	4166666	0.02219	2.48	2.48	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166666	0.01885	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166666	0.01452	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166666	0.01313	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166666	0.01193	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166666	0.01098	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166686	0.00225	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166686	0.00322	3	3	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166686	0.00368	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166686	0.00421	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166686	0.00486	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166686	0.00571	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166686	0.00685	3.02	3.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166686	0.00843	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166686	0.01078	2.97	2.97	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166686	0.01494	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166686	0.02214	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166686	0.04306	2.78	2.78	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166686	0.03259	2.77	2.77	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166686	0.02655	2.77	2.77	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166686	0.02275	3.02	3.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166686	0.03528	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166686	0.03748	2.57	320.02	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166686	0.03918	2.75	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166686	0.03172	2.54	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166686	0.02584	2.47	320.02	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166686	0.02152	2.66	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166686	0.016	3.19	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166686	0.01431	3.09	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166686	0.013	3.08	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166686	0.01191	3.35	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166686	0.01101	3.47	320.02	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166706	0.00222	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166706	0.00247	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166706	0.00314	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166706	0.00359	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166706	0.0041	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166706	0.00472	3.05	3.05	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166706	0.0055	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166706	0.00654	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166706	0.00801	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166706	0.01012	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166706	0.0137	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166706	0.02181	2.88	2.88	1.5	ANNUAL	PM25_28

UCART1	552084.8	4166706	0.03407	2.67	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166706	0.02725	2.79	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166706	0.023	3	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166706	0.02083	2.45	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166706	0.02413	2.46	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166706	0.04712	2.57	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166706	0.05087	2.51	320.02	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166706	0.04968	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166706	0.05051	2.69	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166706	0.03076	2.62	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166706	0.02486	2.71	320.02	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166706	0.02076	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166706	0.01582	2.95	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166706	0.01431	2.88	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166706	0.01307	3.06	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166706	0.01205	3.24	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166706	0.01116	3.38	320.02	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166726	0.0022	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166726	0.00243	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166726	0.00306	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166726	0.00349	2.88	2.88	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166726	0.00398	2.83	2.83	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166726	0.00456	2.98	2.98	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166726	0.00527	3.08	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166726	0.00624	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166726	0.00754	2.85	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166726	0.00947	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166726	0.01261	2.88	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166726	0.01914	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166726	0.03578	2.57	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166726	0.02789	3.06	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166726	0.02316	3.32	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166726	0.02058	3.15	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166726	0.01946	2.73	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166726	0.01947	2.47	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166726	0.02077	2.29	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166726	0.02347	2.34	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166726	0.02765	2.41	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166726	0.03332	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166726	0.04137	2.33	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166726	0.04675	2.37	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166726	0.02927	2.54	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166726	0.02362	3.07	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166726	0.01592	2.82	320.02	1.5	ANNUAL	PM25_28

UCART1	552504.8	4166726	0.0146	2.75	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166726	0.01341	2.95	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166726	0.01233	3.19	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166726	0.01138	3.2	320.02	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166746	0.00299	3.33	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166746	0.00339	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166746	0.00386	2.72	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166746	0.0044	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166746	0.00507	2.93	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166746	0.00593	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166746	0.00713	2.93	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166746	0.00888	2.84	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166746	0.0117	2.82	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166746	0.01715	2.8	320.02	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166746	0.03761	2.64	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166746	0.02882	3.16	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166746	0.02368	3.29	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166746	0.0207	3.12	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166746	0.01907	2.82	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166746	0.01842	2.61	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166746	0.01862	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166746	0.01959	2.44	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166746	0.02124	2.44	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166746	0.02348	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166746	0.02659	2.3	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166746	0.0309	2.35	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166746	0.02705	2.61	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166746	0.02238	3.27	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166746	0.01802	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166746	0.01666	2.74	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166746	0.0153	2.76	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166746	0.0139	3.16	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166746	0.01261	3.59	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166746	0.01157	3.44	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166766	0.0026	3.59	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166766	0.00329	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166766	0.00372	2.68	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166766	0.00424	2.71	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166766	0.00486	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166766	0.00564	3.16	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166766	0.00675	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166766	0.00835	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166766	0.01088	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166766	0.01554	2.74	320.02	1.5	ANNUAL	PM25_28

UCART1	552084.8	4166766	0.03979	2.73	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166766	0.03004	3.13	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166766	0.02443	3.12	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166766	0.02096	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166766	0.01883	2.94	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166766	0.0177	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166766	0.01727	2.75	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166766	0.01748	2.6	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166766	0.01822	2.54	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166766	0.01945	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166766	0.02133	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166766	0.02422	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166766	0.02537	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166766	0.02237	3.35	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166766	0.02008	2.72	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166766	0.01826	2.69	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166766	0.01629	2.87	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166766	0.01443	3.52	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166766	0.01287	4.2	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166766	0.01172	3.92	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166786	0.00253	3.63	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166786	0.00318	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166786	0.00358	2.83	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166786	0.00406	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166786	0.00463	3.1	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166786	0.00534	3.46	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166786	0.00642	2.97	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166786	0.00785	3.05	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166786	0.01009	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166786	0.01412	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166786	0.02125	2.8	320.02	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166786	0.04262	2.74	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166786	0.03175	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166786	0.02539	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166786	0.02131	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166786	0.01875	3.05	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166786	0.01728	2.9	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166786	0.01659	2.54	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166786	0.01634	2.51	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166786	0.01656	2.59	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166786	0.01725	2.68	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166786	0.01855	2.69	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166786	0.0212	2.52	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166786	0.02439	2.63	320.02	1.5	ANNUAL	PM25_28

UCART1	552484.8	4166786	0.02037	2.82	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166786	0.01732	3.25	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166786	0.01507	3.55	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166786	0.0133	3.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166786	0.01197	3.77	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166806	0.00247	3.63	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166806	0.00305	3.38	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166806	0.00342	3.23	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166806	0.00387	3.22	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166806	0.00441	3.32	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166806	0.00511	3.37	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166806	0.00612	2.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166806	0.00743	3.01	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166806	0.00944	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166806	0.01294	2.93	320.02	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166806	0.02076	2.83	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166806	0.03329	2.82	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166806	0.02622	2.95	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166806	0.0217	3.08	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166806	0.01884	3.12	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166806	0.01707	3.01	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166806	0.01616	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166806	0.01563	2.52	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166806	0.01557	2.61	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166806	0.016	2.7	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166806	0.01712	2.73	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166806	0.01988	2.53	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166806	0.03619	3.47	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166806	0.03316	2.98	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166806	0.02795	2.52	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166806	0.02215	2.74	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166806	0.0183	3.17	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166806	0.01568	3.32	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166806	0.01368	3.59	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166806	0.01219	3.52	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166826	0.0024	3.59	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166826	0.00293	3.73	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166826	0.00327	3.69	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166826	0.00368	3.63	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166826	0.00421	3.52	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166826	0.0049	3.21	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166826	0.00584	2.87	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166826	0.00707	2.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166826	0.00888	2.99	320.02	1.5	ANNUAL	PM25_28

UCART1	552044.8	4166826	0.01194	2.96	320.02	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166826	0.01828	2.85	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166826	0.0349	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166826	0.02707	3.15	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166826	0.0222	3.18	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166826	0.01906	3.15	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166826	0.01702	3.11	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166826	0.01591	2.58	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166826	0.01519	2.58	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166826	0.01497	2.59	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166826	0.0153	2.61	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166826	0.01643	2.62	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166826	0.01942	2.45	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166826	0.03243	3.92	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166826	0.03005	2.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166826	0.02798	2.42	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166826	0.02268	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166826	0.01884	2.71	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166826	0.01606	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166826	0.01391	3.25	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166826	0.01233	3.18	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166846	0.00234	3.44	320.02	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166846	0.00257	3.53	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166846	0.00313	3.96	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166846	0.00352	3.9	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166846	0.00402	3.68	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166846	0.00466	3.42	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166846	0.00554	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166846	0.00671	2.92	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166846	0.00837	3	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166846	0.01106	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166846	0.01637	2.87	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166846	0.03722	2.67	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166846	0.02846	2.88	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166846	0.023	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166846	0.01947	3.05	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166846	0.01711	3.18	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166846	0.01577	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166846	0.01495	2.62	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166846	0.01465	2.53	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166846	0.01495	2.51	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166846	0.01616	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166846	0.01937	2.44	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166846	0.03258	2.41	320.02	1.5	ANNUAL	PM25_28

UCART1	552424.8	4166846	0.02951	2.58	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166846	0.02759	2.46	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166846	0.02249	2.58	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166846	0.01877	2.79	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166846	0.01604	2.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166846	0.01394	3.04	320.02	1.5	ANNUAL	PM25_28
UCART2	551904.6	4166869	0.00299	4.03	320.02	1.5	ANNUAL	PM25_28
UCART2	551924.6	4166869	0.00335	4.05	320.02	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166869	0.00381	3.81	320.02	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166869	0.00441	3.53	320.02	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166869	0.00521	3.22	320.02	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166869	0.00631	2.92	320.02	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166869	0.00781	3.02	320.02	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166869	0.01016	3.06	320.02	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166869	0.01459	2.84	320.02	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166869	0.01893	2.67	320.02	1.5	ANNUAL	PM25_28
UCART2	552104.6	4166869	0.04008	2.75	320.02	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166869	0.03008	2.87	320.02	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166869	0.024	2.96	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166869	0.02004	3.04	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166869	0.0174	3.15	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166869	0.01577	3.03	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166869	0.01483	2.8	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166869	0.01448	2.59	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166869	0.01479	2.47	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166869	0.01611	2.45	320.02	1.5	ANNUAL	PM25_28
UCART2	552304.6	4166869	0.01965	2.45	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166869	0.02921	2.66	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166869	0.03198	2.02	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166869	0.02906	2.48	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166869	0.02721	2.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166869	0.02218	2.66	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166869	0.01854	2.85	320.02	1.5	ANNUAL	PM25_28
UCART2	552524.6	4166869	0.01584	3.01	320.02	1.5	ANNUAL	PM25_28
UCART2	552544.6	4166869	0.01381	2.99	320.02	1.5	ANNUAL	PM25_28
UCART2	551884.6	4166889	0.00262	3.59	356.4	1.5	ANNUAL	PM25_28
UCART2	551924.6	4166889	0.00322	4.08	320.02	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166889	0.00365	3.83	320.02	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166889	0.00422	3.51	320.02	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166889	0.00495	3.33	320.02	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166889	0.00598	2.95	320.02	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166889	0.00737	3.05	320.02	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166889	0.00951	3.08	320.02	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166889	0.01336	2.83	320.02	1.5	ANNUAL	PM25_28

UCART2	552084.6	4166889	0.02257	2.75	320.02	1.5	ANNUAL	PM25_28
UCART2	552104.6	4166889	0.04313	2.97	320.02	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166889	0.03152	2.99	320.02	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166889	0.0249	3.02	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166889	0.02059	3.08	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166889	0.01777	3.07	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166889	0.01588	3.2	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166889	0.01484	3.02	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166889	0.01447	2.74	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166889	0.01481	2.55	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166889	0.01623	2.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552304.6	4166889	0.02018	2.52	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166889	0.03738	2.72	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166889	0.03104	2.57	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166889	0.0286	2.6	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166889	0.02676	2.61	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166889	0.02183	2.7	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166889	0.01824	2.88	320.02	1.5	ANNUAL	PM25_28
UCART2	552524.6	4166889	0.01556	3.12	320.02	1.5	ANNUAL	PM25_28
UCART2	551924.6	4166909	0.0031	3.97	356.4	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166909	0.00351	3.62	356.4	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166909	0.00404	3.34	356.4	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166909	0.00472	3.25	356.4	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166909	0.00565	3.13	345.72	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166909	0.00695	3.09	320.02	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166909	0.00892	3.05	320.02	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166909	0.01224	2.99	320.02	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166909	0.01943	2.94	320.02	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166909	0.0333	2.94	320.02	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166909	0.02593	3.07	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166909	0.02124	3.11	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166909	0.01822	3.01	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166909	0.01619	3.1	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166909	0.01497	3.17	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166909	0.01449	3.15	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166909	0.0148	3.12	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166909	0.01633	3.08	320.02	1.5	ANNUAL	PM25_28
UCART2	552304.6	4166909	0.02079	2.87	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166909	0.03645	2.72	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166909	0.03018	2.84	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166909	0.02789	2.91	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166909	0.02623	2.7	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166909	0.02148	2.58	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166909	0.01793	2.79	320.02	1.5	ANNUAL	PM25_28

UCART2	552524.6	4166909	0.01528	3.04	320.02	1.5	ANNUAL	PM25_28
UCART2	551904.6	4166929	0.00268	3.93	356.88	1.5	ANNUAL	PM25_28
UCART2	551924.6	4166929	0.00298	3.89	356.88	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166929	0.00336	3.65	356.88	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166929	0.00385	3.52	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166929	0.0045	3.22	356.4	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166929	0.00535	3.18	356.4	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166929	0.00655	3.14	356.4	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166929	0.00836	3.08	356.4	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166929	0.01131	3.03	356.4	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166929	0.01722	2.98	320.02	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166929	0.03524	2.95	320.02	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166929	0.02714	3.05	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166929	0.02202	3.11	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166929	0.01869	3.14	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166929	0.01648	3.29	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166929	0.01518	3.4	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166929	0.01466	3.48	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166929	0.01499	3.5	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166929	0.01668	3.43	320.02	1.5	ANNUAL	PM25_28
UCART2	552304.6	4166929	0.02164	3.36	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166929	0.03489	2.77	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166929	0.02909	2.93	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166929	0.02712	3	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166929	0.02562	2.83	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166929	0.02104	2.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166929	0.01757	2.7	320.02	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166949	0.00321	3.84	356.88	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166949	0.00365	3.8	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166949	0.00427	3.23	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166949	0.00506	3.19	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166949	0.00616	3.21	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166949	0.00781	3.15	356.4	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166949	0.0105	3.03	356.4	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166949	0.0155	2.97	356.4	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166949	0.03743	2.98	345.72	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166949	0.02848	3.04	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166949	0.0229	3.11	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166949	0.01921	3.32	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166949	0.01685	3.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166949	0.01549	3.63	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166949	0.01498	3.7	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166949	0.01545	3.64	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166949	0.01744	3.57	320.02	1.5	ANNUAL	PM25_28

UCART2	552384.6	4166949	0.03299	2.84	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166949	0.0279	2.86	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166949	0.02638	2.88	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166949	0.02493	3.01	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166949	0.02054	2.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166949	0.01717	2.62	320.02	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166969	0.00306	4.26	356.88	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166969	0.00349	3.85	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166969	0.00404	3.49	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166969	0.00476	3.35	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166969	0.00576	3.37	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166969	0.00727	3.28	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166969	0.00969	3.16	356.88	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166969	0.01393	3.3	356.88	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166969	0.04001	3.09	356.4	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166969	0.02975	3.29	356.4	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166969	0.02381	3.24	356.4	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166969	0.02015	2.91	345.72	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166969	0.01945	2.19	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166969	0.03111	3.01	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166969	0.02656	3.05	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166969	0.02519	3.54	320.02	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166989	0.00331	4.16	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166989	0.00383	3.67	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166989	0.00449	3.5	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166989	0.00539	3.48	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166989	0.00675	3.41	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166989	0.0089	3.34	356.88	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166989	0.01263	3.5	356.88	1.5	ANNUAL	PM25_28
UCART2	552104.6	4166989	0.02169	3.14	356.88	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166989	0.0435	3.09	356.88	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166989	0.03189	2.83	356.88	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166989	0.0186	2.19	356.4	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166989	0.01679	3.33	345.72	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166989	0.01664	3.13	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166989	0.01809	2.47	320.02	1.5	ANNUAL	PM25_28
UCART2	552364.6	4166989	0.03664	3.32	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166989	0.02962	2.74	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166989	0.02534	3.08	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166989	0.0244	3.48	320.02	1.5	ANNUAL	PM25_28
UCART2	551964.6	4167009	0.00313	4.62	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4167009	0.00362	3.8	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4167009	0.00423	3.64	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4167009	0.00506	3.55	356.88	1.5	ANNUAL	PM25_28

UCART2	552044.6	4167009	0.00625	3.54	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4167009	0.00813	3.56	356.88	1.5	ANNUAL	PM25_28
UCART2	552084.6	4167009	0.01145	3.58	356.88	1.5	ANNUAL	PM25_28
UCART2	552104.6	4167009	0.01861	3.57	356.88	1.5	ANNUAL	PM25_28
UCART2	552184.6	4167009	0.02147	3.64	356.88	1.5	ANNUAL	PM25_28
UCART2	552204.6	4167009	0.01889	3.57	356.4	1.5	ANNUAL	PM25_28
UCART2	552224.6	4167009	0.01742	4.03	356.4	1.5	ANNUAL	PM25_28
UCART2	552244.6	4167009	0.01749	4.2	348.95	1.5	ANNUAL	PM25_28
UCART2	552264.6	4167009	0.01991	4.36	320.02	1.5	ANNUAL	PM25_28
UCART2	551984.6	4167029	0.0034	4.15	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4167029	0.00397	3.82	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4167029	0.00473	3.55	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4167029	0.0058	3.58	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4167029	0.00745	3.56	356.88	1.5	ANNUAL	PM25_28
UCART2	552084.6	4167029	0.0106	2.77	356.88	1.5	ANNUAL	PM25_28
UCART2	552144.6	4167029	0.03562	3.29	356.88	1.5	ANNUAL	PM25_28
UCART2	552164.6	4167029	0.02783	3.03	356.88	1.5	ANNUAL	PM25_28
UCART2	552184.6	4167029	0.0224	3.98	356.88	1.5	ANNUAL	PM25_28
UCART2	552204.6	4167029	0.01986	3.96	356.88	1.5	ANNUAL	PM25_28
UCART2	552224.6	4167029	0.01892	3.93	356.88	1.5	ANNUAL	PM25_28
UCART2	552244.6	4167029	0.01981	4.07	356.4	1.5	ANNUAL	PM25_28
UCART2	551984.6	4167049	0.0032	4.63	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4167049	0.00372	3.92	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4167049	0.00443	3.36	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4167049	0.00543	3.04	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4167049	0.00696	2.79	356.88	1.5	ANNUAL	PM25_28
UCART2	552144.6	4167049	0.03807	3.84	356.88	1.5	ANNUAL	PM25_28
UCART2	552164.6	4167049	0.0298	3.61	356.88	1.5	ANNUAL	PM25_28
UCART2	552184.6	4167049	0.02431	4.13	356.88	1.5	ANNUAL	PM25_28
UCART2	552204.6	4167049	0.02167	4.14	356.88	1.5	ANNUAL	PM25_28
UCART2	552224.6	4167049	0.02142	3.85	356.88	1.5	ANNUAL	PM25_28

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Z	Averagin Pe	Source Gro
UCART1	552064.8	4166026	0.00029	4.6	4.6	1.5	ANNUAL	DPM
UCART1	552084.8	4166026	0.00028	4.06	4.06	1.5	ANNUAL	DPM
UCART1	552104.8	4166026	0.00027	3.76	3.76	1.5	ANNUAL	DPM
UCART1	552124.8	4166026	0.00027	3.81	3.81	1.5	ANNUAL	DPM
UCART1	552144.8	4166026	0.00026	3.84	3.84	1.5	ANNUAL	DPM
UCART1	552164.8	4166026	0.00026	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552184.8	4166026	0.00026	3.35	3.35	1.5	ANNUAL	DPM
UCART1	552204.8	4166026	0.00026	3.16	3.16	1.5	ANNUAL	DPM
UCART1	552224.8	4166026	0.00027	3	3	1.5	ANNUAL	DPM
UCART1	552244.8	4166026	0.00028	2.93	2.93	1.5	ANNUAL	DPM
UCART1	552264.8	4166026	0.00029	2.94	2.94	1.5	ANNUAL	DPM
UCART1	552284.8	4166026	0.0003	2.99	2.99	1.5	ANNUAL	DPM
UCART1	552304.8	4166026	0.00031	2.98	2.98	1.5	ANNUAL	DPM
UCART1	552324.8	4166026	0.00033	3.02	3.02	1.5	ANNUAL	DPM
UCART1	552344.8	4166026	0.00036	2.88	2.88	1.5	ANNUAL	DPM
UCART1	552364.8	4166026	0.0004	2.63	2.63	1.5	ANNUAL	DPM
UCART1	552064.8	4166046	0.00034	3.83	3.83	1.5	ANNUAL	DPM
UCART1	552084.8	4166046	0.00032	3.66	3.66	1.5	ANNUAL	DPM
UCART1	552104.8	4166046	0.00031	3.73	3.73	1.5	ANNUAL	DPM
UCART1	552124.8	4166046	0.0003	3.71	3.71	1.5	ANNUAL	DPM
UCART1	552144.8	4166046	0.0003	3.55	3.55	1.5	ANNUAL	DPM
UCART1	552164.8	4166046	0.00029	3.43	3.43	1.5	ANNUAL	DPM
UCART1	552184.8	4166046	0.00029	3.46	3.46	1.5	ANNUAL	DPM
UCART1	552204.8	4166046	0.00029	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552224.8	4166046	0.0003	3.19	3.19	1.5	ANNUAL	DPM
UCART1	552244.8	4166046	0.00031	3.08	3.08	1.5	ANNUAL	DPM
UCART1	552264.8	4166046	0.00032	3.04	3.04	1.5	ANNUAL	DPM
UCART1	552284.8	4166046	0.00034	3.2	3.2	1.5	ANNUAL	DPM
UCART1	552304.8	4166046	0.00036	3.03	3.03	1.5	ANNUAL	DPM
UCART1	552324.8	4166046	0.00039	2.68	2.68	1.5	ANNUAL	DPM
UCART1	552344.8	4166046	0.00043	2.44	2.44	1.5	ANNUAL	DPM
UCART1	552364.8	4166046	0.00048	2.37	2.37	1.5	ANNUAL	DPM
UCART1	551924.8	4166066	0.00039	4.58	4.58	1.5	ANNUAL	DPM
UCART1	551944.8	4166066	0.0004	4.32	4.32	1.5	ANNUAL	DPM
UCART1	551964.8	4166066	0.00041	4.31	4.31	1.5	ANNUAL	DPM
UCART1	551984.8	4166066	0.00042	4.1	4.1	1.5	ANNUAL	DPM
UCART1	552004.8	4166066	0.00042	3.84	3.84	1.5	ANNUAL	DPM
UCART1	552024.8	4166066	0.00042	3.7	3.7	1.5	ANNUAL	DPM
UCART1	552044.8	4166066	0.00041	3.7	3.7	1.5	ANNUAL	DPM
UCART1	552064.8	4166066	0.00039	3.53	3.53	1.5	ANNUAL	DPM
UCART1	552084.8	4166066	0.00037	3.53	3.53	1.5	ANNUAL	DPM
UCART1	552104.8	4166066	0.00036	3.76	3.76	1.5	ANNUAL	DPM
UCART1	552124.8	4166066	0.00035	3.7	3.7	1.5	ANNUAL	DPM

UCART1	552144.8	4166066	0.00034	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552164.8	4166066	0.00033	3.58	3.58	1.5	ANNUAL	DPM
UCART1	552184.8	4166066	0.00033	3.42	3.42	1.5	ANNUAL	DPM
UCART1	552204.8	4166066	0.00033	3.29	3.29	1.5	ANNUAL	DPM
UCART1	552224.8	4166066	0.00034	3.24	3.24	1.5	ANNUAL	DPM
UCART1	552244.8	4166066	0.00036	3.19	3.19	1.5	ANNUAL	DPM
UCART1	552264.8	4166066	0.00037	3.18	3.18	1.5	ANNUAL	DPM
UCART1	552284.8	4166066	0.00039	3.44	3.44	1.5	ANNUAL	DPM
UCART1	552304.8	4166066	0.00043	2.99	2.99	1.5	ANNUAL	DPM
UCART1	552324.8	4166066	0.00047	2.56	2.56	1.5	ANNUAL	DPM
UCART1	552344.8	4166066	0.00052	2.3	2.3	1.5	ANNUAL	DPM
UCART1	552364.8	4166066	0.00059	2.29	2.29	1.5	ANNUAL	DPM
UCART1	551924.8	4166086	0.00042	4.55	4.55	1.5	ANNUAL	DPM
UCART1	551944.8	4166086	0.00044	4.56	4.56	1.5	ANNUAL	DPM
UCART1	551964.8	4166086	0.00045	4.65	4.65	1.5	ANNUAL	DPM
UCART1	551984.8	4166086	0.00047	4.31	4.31	1.5	ANNUAL	DPM
UCART1	552004.8	4166086	0.00048	3.82	3.82	1.5	ANNUAL	DPM
UCART1	552024.8	4166086	0.00048	3.59	3.59	1.5	ANNUAL	DPM
UCART1	552044.8	4166086	0.00047	3.65	3.65	1.5	ANNUAL	DPM
UCART1	552064.8	4166086	0.00046	3.47	3.47	1.5	ANNUAL	DPM
UCART1	552084.8	4166086	0.00044	3.58	3.58	1.5	ANNUAL	DPM
UCART1	552104.8	4166086	0.00042	3.79	3.79	1.5	ANNUAL	DPM
UCART1	552124.8	4166086	0.0004	3.73	3.73	1.5	ANNUAL	DPM
UCART1	552144.8	4166086	0.00039	3.59	3.59	1.5	ANNUAL	DPM
UCART1	552164.8	4166086	0.00038	3.72	3.72	1.5	ANNUAL	DPM
UCART1	552184.8	4166086	0.00038	3.28	3.28	1.5	ANNUAL	DPM
UCART1	552204.8	4166086	0.00039	3.1	3.1	1.5	ANNUAL	DPM
UCART1	552224.8	4166086	0.0004	3.14	3.14	1.5	ANNUAL	DPM
UCART1	552244.8	4166086	0.00041	3.22	3.22	1.5	ANNUAL	DPM
UCART1	552264.8	4166086	0.00044	3.29	3.29	1.5	ANNUAL	DPM
UCART1	552284.8	4166086	0.00046	3.67	3.67	1.5	ANNUAL	DPM
UCART1	552304.8	4166086	0.00051	2.91	2.91	1.5	ANNUAL	DPM
UCART1	552324.8	4166086	0.00057	2.59	2.59	1.5	ANNUAL	DPM
UCART1	552344.8	4166086	0.00064	2.38	2.38	1.5	ANNUAL	DPM
UCART1	552364.8	4166086	0.00074	2.34	2.34	1.5	ANNUAL	DPM
UCART1	552464.8	4166086	0.00127	3.22	3.22	1.5	ANNUAL	DPM
UCART1	552484.8	4166086	0.00133	3	3	1.5	ANNUAL	DPM
UCART1	552504.8	4166086	0.00138	2.42	2.42	1.5	ANNUAL	DPM
UCART1	552524.8	4166086	0.00141	2.92	2.92	1.5	ANNUAL	DPM
UCART1	552544.8	4166086	0.00144	3.22	3.22	1.5	ANNUAL	DPM
UCART1	552564.8	4166086	0.00145	3.43	3.43	1.5	ANNUAL	DPM
UCART1	551884.8	4166106	0.0004	4.88	4.88	1.5	ANNUAL	DPM
UCART1	551904.8	4166106	0.00043	4.68	4.68	1.5	ANNUAL	DPM
UCART1	551924.8	4166106	0.00046	4.62	4.62	1.5	ANNUAL	DPM

UCART1	551944.8	4166106	0.00048	4.94	4.94	1.5	ANNUAL	DPM
UCART1	551964.8	4166106	0.0005	5.06	5.06	1.5	ANNUAL	DPM
UCART1	551984.8	4166106	0.00052	4.8	4.8	1.5	ANNUAL	DPM
UCART1	552004.8	4166106	0.00055	4.16	4.16	1.5	ANNUAL	DPM
UCART1	552024.8	4166106	0.00056	3.68	3.68	1.5	ANNUAL	DPM
UCART1	552044.8	4166106	0.00056	3.58	3.58	1.5	ANNUAL	DPM
UCART1	552064.8	4166106	0.00054	3.51	3.51	1.5	ANNUAL	DPM
UCART1	552084.8	4166106	0.00052	3.79	3.79	1.5	ANNUAL	DPM
UCART1	552104.8	4166106	0.0005	3.64	3.64	1.5	ANNUAL	DPM
UCART1	552124.8	4166106	0.00048	3.67	3.67	1.5	ANNUAL	DPM
UCART1	552144.8	4166106	0.00046	3.82	3.82	1.5	ANNUAL	DPM
UCART1	552164.8	4166106	0.00045	3.67	3.67	1.5	ANNUAL	DPM
UCART1	552184.8	4166106	0.00045	3.06	3.06	1.5	ANNUAL	DPM
UCART1	552204.8	4166106	0.00045	2.54	2.54	1.5	ANNUAL	DPM
UCART1	552224.8	4166106	0.00047	2.4	2.4	1.5	ANNUAL	DPM
UCART1	552244.8	4166106	0.00049	2.44	2.44	1.5	ANNUAL	DPM
UCART1	552264.8	4166106	0.00052	2.61	2.61	1.5	ANNUAL	DPM
UCART1	552284.8	4166106	0.00056	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552304.8	4166106	0.00063	2.91	2.91	1.5	ANNUAL	DPM
UCART1	552324.8	4166106	0.00071	2.78	2.78	1.5	ANNUAL	DPM
UCART1	552344.8	4166106	0.00082	2.59	2.59	1.5	ANNUAL	DPM
UCART1	552364.8	4166106	0.00095	2.47	2.47	1.5	ANNUAL	DPM
UCART1	552464.8	4166106	0.00156	2.99	2.99	1.5	ANNUAL	DPM
UCART1	552484.8	4166106	0.00161	2.84	2.84	1.5	ANNUAL	DPM
UCART1	552504.8	4166106	0.00165	2.61	2.61	1.5	ANNUAL	DPM
UCART1	552524.8	4166106	0.00167	2.68	2.68	1.5	ANNUAL	DPM
UCART1	552544.8	4166106	0.00167	2.89	2.89	1.5	ANNUAL	DPM
UCART1	552564.8	4166106	0.00166	3.1	3.1	1.5	ANNUAL	DPM
UCART1	551864.8	4166126	0.00039	4.78	4.78	1.5	ANNUAL	DPM
UCART1	551884.8	4166126	0.00043	4.77	4.77	1.5	ANNUAL	DPM
UCART1	551904.8	4166126	0.00046	4.62	4.62	1.5	ANNUAL	DPM
UCART1	551924.8	4166126	0.0005	4.62	4.62	1.5	ANNUAL	DPM
UCART1	551944.8	4166126	0.00053	5	5	1.5	ANNUAL	DPM
UCART1	551964.8	4166126	0.00057	5.31	5.31	1.5	ANNUAL	DPM
UCART1	551984.8	4166126	0.0006	5.06	5.06	1.5	ANNUAL	DPM
UCART1	552004.8	4166126	0.00064	4.41	4.41	1.5	ANNUAL	DPM
UCART1	552024.8	4166126	0.00066	3.8	3.8	1.5	ANNUAL	DPM
UCART1	552044.8	4166126	0.00066	3.46	3.46	1.5	ANNUAL	DPM
UCART1	552064.8	4166126	0.00065	3.37	3.37	1.5	ANNUAL	DPM
UCART1	552084.8	4166126	0.00063	3.67	3.67	1.5	ANNUAL	DPM
UCART1	552104.8	4166126	0.0006	3.59	3.59	1.5	ANNUAL	DPM
UCART1	552124.8	4166126	0.00057	3.71	3.71	1.5	ANNUAL	DPM
UCART1	552144.8	4166126	0.00054	3.92	3.92	1.5	ANNUAL	DPM
UCART1	552164.8	4166126	0.00053	3.71	3.71	1.5	ANNUAL	DPM

UCART1	552184.8	4166126	0.00053	2.89	2.89	1.5	ANNUAL	DPM
UCART1	552204.8	4166126	0.00053	2.4	2.4	1.5	ANNUAL	DPM
UCART1	552224.8	4166126	0.00055	2.26	2.26	1.5	ANNUAL	DPM
UCART1	552244.8	4166126	0.00059	2.26	2.26	1.5	ANNUAL	DPM
UCART1	552264.8	4166126	0.00064	2.35	2.35	1.5	ANNUAL	DPM
UCART1	552284.8	4166126	0.00071	2.93	2.93	1.5	ANNUAL	DPM
UCART1	552304.8	4166126	0.0008	2.78	2.78	1.5	ANNUAL	DPM
UCART1	552324.8	4166126	0.00093	2.71	2.71	1.5	ANNUAL	DPM
UCART1	552344.8	4166126	0.00108	2.58	2.58	1.5	ANNUAL	DPM
UCART1	552364.8	4166126	0.00126	2.58	2.58	1.5	ANNUAL	DPM
UCART1	552464.8	4166126	0.0019	2.8	2.8	1.5	ANNUAL	DPM
UCART1	552484.8	4166126	0.00193	2.77	2.77	1.5	ANNUAL	DPM
UCART1	552504.8	4166126	0.00194	2.74	2.74	1.5	ANNUAL	DPM
UCART1	552524.8	4166126	0.00194	2.66	2.66	1.5	ANNUAL	DPM
UCART1	552544.8	4166126	0.00192	2.75	2.75	1.5	ANNUAL	DPM
UCART1	552564.8	4166126	0.00188	2.86	2.86	1.5	ANNUAL	DPM
UCART1	551844.8	4166146	0.00036	4.84	4.84	1.5	ANNUAL	DPM
UCART1	551864.8	4166146	0.0004	4.67	4.67	1.5	ANNUAL	DPM
UCART1	551884.8	4166146	0.00045	4.62	4.62	1.5	ANNUAL	DPM
UCART1	551904.8	4166146	0.00051	4.54	4.54	1.5	ANNUAL	DPM
UCART1	551924.8	4166146	0.00056	4.56	4.56	1.5	ANNUAL	DPM
UCART1	551944.8	4166146	0.00063	4.83	4.83	1.5	ANNUAL	DPM
UCART1	551964.8	4166146	0.00068	5.39	5.39	1.5	ANNUAL	DPM
UCART1	551984.8	4166146	0.00072	5.1	5.1	1.5	ANNUAL	DPM
UCART1	552004.8	4166146	0.00076	4.55	4.55	1.5	ANNUAL	DPM
UCART1	552024.8	4166146	0.00079	3.9	3.9	1.5	ANNUAL	DPM
UCART1	552044.8	4166146	0.0008	3.34	3.34	1.5	ANNUAL	DPM
UCART1	552064.8	4166146	0.0008	3.12	3.12	1.5	ANNUAL	DPM
UCART1	552084.8	4166146	0.00077	3.31	3.31	1.5	ANNUAL	DPM
UCART1	552104.8	4166146	0.00074	3.6	3.6	1.5	ANNUAL	DPM
UCART1	552124.8	4166146	0.0007	3.81	3.81	1.5	ANNUAL	DPM
UCART1	552144.8	4166146	0.00065	3.9	3.9	1.5	ANNUAL	DPM
UCART1	552164.8	4166146	0.00063	3.81	3.81	1.5	ANNUAL	DPM
UCART1	552184.8	4166146	0.00063	2.76	2.76	1.5	ANNUAL	DPM
UCART1	552204.8	4166146	0.00063	2.61	2.61	1.5	ANNUAL	DPM
UCART1	552224.8	4166146	0.00067	2.65	2.65	1.5	ANNUAL	DPM
UCART1	552244.8	4166146	0.00072	2.6	2.6	1.5	ANNUAL	DPM
UCART1	552264.8	4166146	0.0008	2.45	2.45	1.5	ANNUAL	DPM
UCART1	552284.8	4166146	0.00092	2.45	2.45	1.5	ANNUAL	DPM
UCART1	552304.8	4166146	0.00107	2.53	2.53	1.5	ANNUAL	DPM
UCART1	552324.8	4166146	0.00126	2.38	2.38	1.5	ANNUAL	DPM
UCART1	552344.8	4166146	0.00147	2.35	2.35	1.5	ANNUAL	DPM
UCART1	552364.8	4166146	0.00169	2.69	2.69	1.5	ANNUAL	DPM
UCART1	552464.8	4166146	0.00229	2.64	2.64	1.5	ANNUAL	DPM

UCART1	552484.8	4166146	0.00228	2.79	2.79	1.5	ANNUAL	DPM
UCART1	552504.8	4166146	0.00225	2.81	2.81	1.5	ANNUAL	DPM
UCART1	552524.8	4166146	0.00221	2.89	2.89	1.5	ANNUAL	DPM
UCART1	552544.8	4166146	0.00216	2.87	2.87	1.5	ANNUAL	DPM
UCART1	552564.8	4166146	0.0021	2.77	2.77	1.5	ANNUAL	DPM
UCART1	551824.8	4166166	0.00033	4.89	4.89	1.5	ANNUAL	DPM
UCART1	551844.8	4166166	0.00037	4.93	4.93	1.5	ANNUAL	DPM
UCART1	551864.8	4166166	0.00042	4.86	4.86	1.5	ANNUAL	DPM
UCART1	551884.8	4166166	0.00048	4.75	4.75	1.5	ANNUAL	DPM
UCART1	551944.8	4166166	0.00083	4.38	4.38	1.5	ANNUAL	DPM
UCART1	551964.8	4166166	0.00092	4.46	4.46	1.5	ANNUAL	DPM
UCART1	551984.8	4166166	0.00093	4.25	4.25	1.5	ANNUAL	DPM
UCART1	552004.8	4166166	0.00099	3.97	3.97	1.5	ANNUAL	DPM
UCART1	552024.8	4166166	0.00102	3.68	3.68	1.5	ANNUAL	DPM
UCART1	552044.8	4166166	0.00103	3.45	3.45	1.5	ANNUAL	DPM
UCART1	552064.8	4166166	0.00101	3.38	3.38	1.5	ANNUAL	DPM
UCART1	552084.8	4166166	0.00098	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552104.8	4166166	0.00093	3.31	3.31	1.5	ANNUAL	DPM
UCART1	552124.8	4166166	0.00086	3.3	3.3	1.5	ANNUAL	DPM
UCART1	552144.8	4166166	0.0008	3.24	3.24	1.5	ANNUAL	DPM
UCART1	552164.8	4166166	0.00077	3.09	3.09	1.5	ANNUAL	DPM
UCART1	552184.8	4166166	0.00076	2.82	2.82	1.5	ANNUAL	DPM
UCART1	552204.8	4166166	0.00077	2.85	2.85	1.5	ANNUAL	DPM
UCART1	552224.8	4166166	0.00082	2.98	2.98	1.5	ANNUAL	DPM
UCART1	552244.8	4166166	0.00091	2.97	2.97	1.5	ANNUAL	DPM
UCART1	552264.8	4166166	0.00105	2.76	2.76	1.5	ANNUAL	DPM
UCART1	552284.8	4166166	0.00125	2.62	2.62	1.5	ANNUAL	DPM
UCART1	552304.8	4166166	0.00148	2.79	2.79	1.5	ANNUAL	DPM
UCART1	552324.8	4166166	0.00177	2.68	2.68	1.5	ANNUAL	DPM
UCART1	552344.8	4166166	0.00205	2.59	2.59	1.5	ANNUAL	DPM
UCART1	552364.8	4166166	0.00228	2.9	2.9	1.5	ANNUAL	DPM
UCART1	552444.8	4166166	0.00274	2.78	2.78	1.5	ANNUAL	DPM
UCART1	552464.8	4166166	0.00271	2.15	2.15	1.5	ANNUAL	DPM
UCART1	552484.8	4166166	0.00266	2.39	2.39	1.5	ANNUAL	DPM
UCART1	552504.8	4166166	0.00258	2.93	2.93	1.5	ANNUAL	DPM
UCART1	552524.8	4166166	0.0025	3.05	3.05	1.5	ANNUAL	DPM
UCART1	552544.8	4166166	0.00241	2.99	2.99	1.5	ANNUAL	DPM
UCART1	552564.8	4166166	0.00232	2.84	2.84	1.5	ANNUAL	DPM
UCART1	551804.8	4166186	0.00031	4.79	4.79	1.5	ANNUAL	DPM
UCART1	551824.8	4166186	0.00034	4.87	4.87	1.5	ANNUAL	DPM
UCART1	551844.8	4166186	0.00038	4.91	4.91	1.5	ANNUAL	DPM
UCART1	551864.8	4166186	0.00043	4.81	4.81	1.5	ANNUAL	DPM
UCART1	551884.8	4166186	0.0005	4.68	4.68	1.5	ANNUAL	DPM
UCART1	551924.8	4166186	0.00083	4.43	4.43	1.5	ANNUAL	DPM

UCART1	551944.8	4166186	0.00086	4.41	4.41	1.5	ANNUAL	DPM
UCART1	551964.8	4166186	0.00092	4.15	4.15	1.5	ANNUAL	DPM
UCART1	551984.8	4166186	0.00099	3.85	3.85	1.5	ANNUAL	DPM
UCART1	552004.8	4166186	0.00105	3.64	3.64	1.5	ANNUAL	DPM
UCART1	552024.8	4166186	0.00112	3.52	3.52	1.5	ANNUAL	DPM
UCART1	552044.8	4166186	0.00114	3.48	3.48	1.5	ANNUAL	DPM
UCART1	552084.8	4166186	0.00123	3.4	3.4	1.5	ANNUAL	DPM
UCART1	552104.8	4166186	0.00113	3.25	3.25	1.5	ANNUAL	DPM
UCART1	552124.8	4166186	0.00106	3.11	3.11	1.5	ANNUAL	DPM
UCART1	552144.8	4166186	0.00099	3.02	3.02	1.5	ANNUAL	DPM
UCART1	552164.8	4166186	0.00094	3.01	3.01	1.5	ANNUAL	DPM
UCART1	552184.8	4166186	0.00093	2.99	2.99	1.5	ANNUAL	DPM
UCART1	552204.8	4166186	0.00096	3.04	3.04	1.5	ANNUAL	DPM
UCART1	552224.8	4166186	0.00105	3.14	3.14	1.5	ANNUAL	DPM
UCART1	552244.8	4166186	0.00121	3.13	3.13	1.5	ANNUAL	DPM
UCART1	552264.8	4166186	0.00146	2.89	2.89	1.5	ANNUAL	DPM
UCART1	552284.8	4166186	0.00181	2.43	2.43	1.5	ANNUAL	DPM
UCART1	552304.8	4166186	0.00219	2.44	2.44	1.5	ANNUAL	DPM
UCART1	552324.8	4166186	0.00256	2.5	2.5	1.5	ANNUAL	DPM
UCART1	552344.8	4166186	0.00286	2.51	2.51	1.5	ANNUAL	DPM
UCART1	552364.8	4166186	0.00306	2.91	2.91	1.5	ANNUAL	DPM
UCART1	552504.8	4166186	0.00293	2.75	2.75	1.5	ANNUAL	DPM
UCART1	552524.8	4166186	0.0028	2.74	2.74	1.5	ANNUAL	DPM
UCART1	552544.8	4166186	0.00267	2.92	2.92	1.5	ANNUAL	DPM
UCART1	552564.8	4166186	0.00254	2.96	2.96	1.5	ANNUAL	DPM
UCART1	551804.8	4166206	0.00031	4.8	4.8	1.5	ANNUAL	DPM
UCART1	551824.8	4166206	0.00035	4.89	4.89	1.5	ANNUAL	DPM
UCART1	551844.8	4166206	0.00039	4.78	4.78	1.5	ANNUAL	DPM
UCART1	551864.8	4166206	0.00045	4.57	4.57	1.5	ANNUAL	DPM
UCART1	551884.8	4166206	0.00052	4.46	4.46	1.5	ANNUAL	DPM
UCART1	551924.8	4166206	0.00085	4.56	4.56	1.5	ANNUAL	DPM
UCART1	551944.8	4166206	0.00086	4.84	4.84	1.5	ANNUAL	DPM
UCART1	551964.8	4166206	0.00092	4.36	4.36	1.5	ANNUAL	DPM
UCART1	551984.8	4166206	0.00099	3.85	3.85	1.5	ANNUAL	DPM
UCART1	552004.8	4166206	0.00105	3.53	3.53	1.5	ANNUAL	DPM
UCART1	552024.8	4166206	0.00112	3.4	3.4	1.5	ANNUAL	DPM
UCART1	552044.8	4166206	0.00119	3.42	3.42	1.5	ANNUAL	DPM
UCART1	552084.8	4166206	0.00136	3.52	3.52	1.5	ANNUAL	DPM
UCART1	552104.8	4166206	0.00131	3.41	3.41	1.5	ANNUAL	DPM
UCART1	552124.8	4166206	0.00128	3.26	3.26	1.5	ANNUAL	DPM
UCART1	552144.8	4166206	0.00123	3.29	3.29	1.5	ANNUAL	DPM
UCART1	552164.8	4166206	0.00117	3.61	3.61	1.5	ANNUAL	DPM
UCART1	552184.8	4166206	0.00117	3.27	3.27	1.5	ANNUAL	DPM
UCART1	552204.8	4166206	0.00124	3.16	3.16	1.5	ANNUAL	DPM

UCART1	552224.8	4166206	0.00142	3.07	3.07	1.5	ANNUAL	DPM
UCART1	552244.8	4166206	0.00173	3.03	3.03	1.5	ANNUAL	DPM
UCART1	552264.8	4166206	0.00222	2.8	2.8	1.5	ANNUAL	DPM
UCART1	552444.8	4166206	0.00379	2.72	2.72	1.5	ANNUAL	DPM
UCART1	552464.8	4166206	0.00363	2.12	2.12	1.5	ANNUAL	DPM
UCART1	552524.8	4166206	0.0031	1.62	1.62	1.5	ANNUAL	DPM
UCART1	552544.8	4166206	0.00293	2.52	2.52	1.5	ANNUAL	DPM
UCART1	552564.8	4166206	0.00274	3.11	3.11	1.5	ANNUAL	DPM
UCART1	551804.8	4166226	0.00032	4.64	4.64	1.5	ANNUAL	DPM
UCART1	551824.8	4166226	0.00036	4.4	4.4	1.5	ANNUAL	DPM
UCART1	551844.8	4166226	0.0004	4.18	4.18	1.5	ANNUAL	DPM
UCART1	551864.8	4166226	0.00046	4.27	4.27	1.5	ANNUAL	DPM
UCART1	551924.8	4166226	0.0008	4.56	4.56	1.5	ANNUAL	DPM
UCART1	551944.8	4166226	0.0009	4.66	4.66	1.5	ANNUAL	DPM
UCART1	551964.8	4166226	0.00096	4.32	4.32	1.5	ANNUAL	DPM
UCART1	551984.8	4166226	0.00104	3.96	3.96	1.5	ANNUAL	DPM
UCART1	552004.8	4166226	0.00112	3.79	3.79	1.5	ANNUAL	DPM
UCART1	552024.8	4166226	0.0012	3.68	3.68	1.5	ANNUAL	DPM
UCART1	552044.8	4166226	0.00131	3.59	3.59	1.5	ANNUAL	DPM
UCART1	552084.8	4166226	0.00152	3.69	3.69	1.5	ANNUAL	DPM
UCART1	552104.8	4166226	0.00152	3.77	3.77	1.5	ANNUAL	DPM
UCART1	552124.8	4166226	0.00154	3.55	3.55	1.5	ANNUAL	DPM
UCART1	552144.8	4166226	0.00155	3.36	3.36	1.5	ANNUAL	DPM
UCART1	552164.8	4166226	0.00153	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552184.8	4166226	0.00156	3.3	3.3	1.5	ANNUAL	DPM
UCART1	552444.8	4166226	0.00433	3.1	3.1	1.5	ANNUAL	DPM
UCART1	552504.8	4166226	0.00362	2.68	2.68	1.5	ANNUAL	DPM
UCART1	552524.8	4166226	0.0034	2.44	2.44	1.5	ANNUAL	DPM
UCART1	552564.8	4166226	0.00296	2.72	2.72	1.5	ANNUAL	DPM
UCART1	551804.8	4166246	0.00032	4.53	4.53	1.5	ANNUAL	DPM
UCART1	551824.8	4166246	0.00036	4.09	4.09	1.5	ANNUAL	DPM
UCART1	551844.8	4166246	0.00041	3.83	3.83	1.5	ANNUAL	DPM
UCART1	551864.8	4166246	0.00047	4.17	4.17	1.5	ANNUAL	DPM
UCART1	551884.8	4166246	0.00055	4.33	4.33	1.5	ANNUAL	DPM
UCART1	551904.8	4166246	0.00067	4.45	4.45	1.5	ANNUAL	DPM
UCART1	551924.8	4166246	0.00076	4.55	4.55	1.5	ANNUAL	DPM
UCART1	551944.8	4166246	0.00093	4.58	4.58	1.5	ANNUAL	DPM
UCART1	551964.8	4166246	0.00101	4.41	4.41	1.5	ANNUAL	DPM
UCART1	551984.8	4166246	0.0011	4.19	4.19	1.5	ANNUAL	DPM
UCART1	552004.8	4166246	0.00121	4.1	4.1	1.5	ANNUAL	DPM
UCART1	552024.8	4166246	0.00132	3.97	3.97	1.5	ANNUAL	DPM
UCART1	552044.8	4166246	0.00146	3.76	3.76	1.5	ANNUAL	DPM
UCART1	552064.8	4166246	0.00158	3.57	3.57	1.5	ANNUAL	DPM
UCART1	552084.8	4166246	0.00173	3.73	3.73	1.5	ANNUAL	DPM

UCART1	552104.8	4166246	0.00179	3.88	3.88	1.5	ANNUAL	DPM
UCART1	552124.8	4166246	0.00187	3.66	3.66	1.5	ANNUAL	DPM
UCART1	552144.8	4166246	0.00199	3.24	3.24	1.5	ANNUAL	DPM
UCART1	552164.8	4166246	0.00211	2.96	2.96	1.5	ANNUAL	DPM
UCART1	552224.8	4166246	0.00356	2.05	2.05	1.5	ANNUAL	DPM
UCART1	552244.8	4166246	0.00538	2.49	2.49	1.5	ANNUAL	DPM
UCART1	552264.8	4166246	0.00663	3.16	3.16	1.5	ANNUAL	DPM
UCART1	552284.8	4166246	0.0071	3.22	3.22	1.5	ANNUAL	DPM
UCART1	552304.8	4166246	0.00709	3.27	3.27	1.5	ANNUAL	DPM
UCART1	552324.8	4166246	0.00689	3.17	3.17	1.5	ANNUAL	DPM
UCART1	552344.8	4166246	0.00658	3.13	3.13	1.5	ANNUAL	DPM
UCART1	552424.8	4166246	0.00527	3.35	3.35	1.5	ANNUAL	DPM
UCART1	552444.8	4166246	0.0049	3.41	3.41	1.5	ANNUAL	DPM
UCART1	552464.8	4166246	0.00455	3.48	3.48	1.5	ANNUAL	DPM
UCART1	552484.8	4166246	0.00424	3.32	3.32	1.5	ANNUAL	DPM
UCART1	552504.8	4166246	0.00393	3.36	3.36	1.5	ANNUAL	DPM
UCART1	552524.8	4166246	0.00364	3.39	3.39	1.5	ANNUAL	DPM
UCART1	552544.8	4166246	0.00339	2.86	2.86	1.5	ANNUAL	DPM
UCART1	551804.8	4166266	0.00032	4.46	4.46	1.5	ANNUAL	DPM
UCART1	551824.8	4166266	0.00036	3.96	3.96	1.5	ANNUAL	DPM
UCART1	551844.8	4166266	0.00041	3.72	3.72	1.5	ANNUAL	DPM
UCART1	551864.8	4166266	0.00047	4.26	4.26	1.5	ANNUAL	DPM
UCART1	551884.8	4166266	0.00055	4.33	4.33	1.5	ANNUAL	DPM
UCART1	551904.8	4166266	0.00067	4.42	4.42	1.5	ANNUAL	DPM
UCART1	551944.8	4166266	0.00096	4.6	4.6	1.5	ANNUAL	DPM
UCART1	551964.8	4166266	0.00105	4.67	4.67	1.5	ANNUAL	DPM
UCART1	551984.8	4166266	0.00117	4.56	4.56	1.5	ANNUAL	DPM
UCART1	552004.8	4166266	0.00131	4.43	4.43	1.5	ANNUAL	DPM
UCART1	552024.8	4166266	0.00146	4.25	4.25	1.5	ANNUAL	DPM
UCART1	552044.8	4166266	0.00164	3.92	3.92	1.5	ANNUAL	DPM
UCART1	552064.8	4166266	0.00185	3.43	3.43	1.5	ANNUAL	DPM
UCART1	552084.8	4166266	0.00201	3.57	3.57	1.5	ANNUAL	DPM
UCART1	552104.8	4166266	0.00214	3.62	3.62	1.5	ANNUAL	DPM
UCART1	552124.8	4166266	0.00233	3.48	3.48	1.5	ANNUAL	DPM
UCART1	552144.8	4166266	0.00262	2.87	2.87	1.5	ANNUAL	DPM
UCART1	552204.8	4166266	0.00502	2.78	2.78	1.5	ANNUAL	DPM
Term131S	552224.8	4166266	0.01079	3.06	3.06	1.5	ANNUAL	DPM
UCART1	552244.8	4166266	0.01115	3.13	3.13	1.5	ANNUAL	DPM
UCART1	552264.8	4166266	0.01102	3.3	3.3	1.5	ANNUAL	DPM
UCART1	552284.8	4166266	0.01036	3.43	3.43	1.5	ANNUAL	DPM
UCART1	552304.8	4166266	0.00957	3.47	3.47	1.5	ANNUAL	DPM
UCART1	552324.8	4166266	0.00883	3.34	3.34	1.5	ANNUAL	DPM
UCART1	552344.8	4166266	0.00815	3.22	3.22	1.5	ANNUAL	DPM
UCART1	552424.8	4166266	0.006	3.27	3.27	1.5	ANNUAL	DPM

UCART1	552444.8	4166266	0.0055	3.43	3.43	1.5	ANNUAL	DPM
UCART1	552464.8	4166266	0.00504	3.54	3.54	1.5	ANNUAL	DPM
UCART1	552484.8	4166266	0.00464	3.32	3.32	1.5	ANNUAL	DPM
UCART1	552504.8	4166266	0.00425	3.44	3.44	1.5	ANNUAL	DPM
UCART1	552524.8	4166266	0.00389	3.62	3.62	1.5	ANNUAL	DPM
UCART1	552544.8	4166266	0.00357	3.52	3.52	1.5	ANNUAL	DPM
UCART1	552564.8	4166266	0.00328	3.38	3.38	1.5	ANNUAL	DPM
UCART1	551804.8	4166286	0.00032	4.36	4.36	1.5	ANNUAL	DPM
UCART1	551824.8	4166286	0.00036	4.11	4.11	1.5	ANNUAL	DPM
UCART1	551844.8	4166286	0.00041	4.23	4.23	1.5	ANNUAL	DPM
UCART1	551864.8	4166286	0.00047	4.11	4.11	1.5	ANNUAL	DPM
UCART1	551884.8	4166286	0.00056	4.18	4.18	1.5	ANNUAL	DPM
UCART1	551904.8	4166286	0.00067	4.31	4.31	1.5	ANNUAL	DPM
UCART1	551944.8	4166286	0.001	4.49	4.49	1.5	ANNUAL	DPM
UCART1	551964.8	4166286	0.0011	4.29	4.29	1.5	ANNUAL	DPM
UCART1	551984.8	4166286	0.00124	4.28	4.28	1.5	ANNUAL	DPM
UCART1	552004.8	4166286	0.00142	4.41	4.41	1.5	ANNUAL	DPM
UCART1	552024.8	4166286	0.00162	4.31	4.31	1.5	ANNUAL	DPM
UCART1	552044.8	4166286	0.00186	3.93	3.93	1.5	ANNUAL	DPM
UCART1	552064.8	4166286	0.0022	3.56	3.56	1.5	ANNUAL	DPM
UCART1	552084.8	4166286	0.00234	3.47	3.47	1.5	ANNUAL	DPM
UCART1	552104.8	4166286	0.00258	3.49	3.49	1.5	ANNUAL	DPM
UCART1	552124.8	4166286	0.00301	2.81	2.81	1.5	ANNUAL	DPM
UCART1	552184.8	4166286	0.00697	2.55	2.55	1.5	ANNUAL	DPM
Term131S	552204.8	4166286	0.01579	3.21	3.21	1.5	ANNUAL	DPM
Term131S	552224.8	4166286	0.02148	3.31	3.31	1.5	ANNUAL	DPM
UCART1	552244.8	4166286	0.01907	3.28	3.28	1.5	ANNUAL	DPM
UCART1	552264.8	4166286	0.01641	3.38	3.38	1.5	ANNUAL	DPM
UCART1	552284.8	4166286	0.01417	3.53	3.53	1.5	ANNUAL	DPM
UCART1	552304.8	4166286	0.01238	3.59	3.59	1.5	ANNUAL	DPM
UCART1	552324.8	4166286	0.01099	3.45	3.45	1.5	ANNUAL	DPM
UCART1	552344.8	4166286	0.00985	3.25	3.25	1.5	ANNUAL	DPM
UCART1	552424.8	4166286	0.00673	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552444.8	4166286	0.00608	3.51	3.51	1.5	ANNUAL	DPM
UCART1	552464.8	4166286	0.00551	3.57	3.57	1.5	ANNUAL	DPM
UCART1	552484.8	4166286	0.00502	3.34	3.34	1.5	ANNUAL	DPM
UCART1	552504.8	4166286	0.00455	3.47	3.47	1.5	ANNUAL	DPM
UCART1	552524.8	4166286	0.00412	3.68	3.68	1.5	ANNUAL	DPM
UCART1	552544.8	4166286	0.00374	3.74	3.74	1.5	ANNUAL	DPM
UCART1	552564.8	4166286	0.0034	3.65	3.65	1.5	ANNUAL	DPM
UCART1	551764.8	4166306	0.00025	5.27	5.27	1.5	ANNUAL	DPM
UCART1	551784.8	4166306	0.00028	4.78	4.78	1.5	ANNUAL	DPM
UCART1	551804.8	4166306	0.00032	4.32	4.32	1.5	ANNUAL	DPM
UCART1	551824.8	4166306	0.00036	4.26	4.26	1.5	ANNUAL	DPM

UCART1	551844.8	4166306	0.00041	4.48	4.48	1.5	ANNUAL	DPM
UCART1	551864.8	4166306	0.00047	3.88	3.88	1.5	ANNUAL	DPM
UCART1	551884.8	4166306	0.00055	4	4	1.5	ANNUAL	DPM
UCART1	551904.8	4166306	0.00066	4.2	4.2	1.5	ANNUAL	DPM
UCART1	551924.8	4166306	0.0008	4.34	4.34	1.5	ANNUAL	DPM
UCART1	551944.8	4166306	0.00106	4.36	4.36	1.5	ANNUAL	DPM
UCART1	551964.8	4166306	0.00115	4.09	4.09	1.5	ANNUAL	DPM
UCART1	551984.8	4166306	0.00131	4.13	4.13	1.5	ANNUAL	DPM
UCART1	552004.8	4166306	0.00153	4.36	4.36	1.5	ANNUAL	DPM
UCART1	552024.8	4166306	0.0018	4.29	4.29	1.5	ANNUAL	DPM
UCART1	552044.8	4166306	0.00212	3.95	3.95	1.5	ANNUAL	DPM
UCART1	552064.8	4166306	0.00246	3.71	3.71	1.5	ANNUAL	DPM
UCART1	552084.8	4166306	0.00282	3.11	3.11	1.5	ANNUAL	DPM
Term131S	552164.8	4166306	0.00928	3.31	3.31	1.5	ANNUAL	DPM
Term131S	552184.8	4166306	0.01936	3.33	3.33	1.5	ANNUAL	DPM
Term131S	552204.8	4166306	0.02569	3.61	3.61	1.5	ANNUAL	DPM
Term131S	552224.8	4166306	0.0294	3.44	3.44	1.5	ANNUAL	DPM
UCART1	552244.8	4166306	0.02594	3.31	3.31	1.5	ANNUAL	DPM
UCART1	552264.8	4166306	0.02133	3.42	3.42	1.5	ANNUAL	DPM
UCART1	552284.8	4166306	0.01789	3.57	3.57	1.5	ANNUAL	DPM
UCART1	552304.8	4166306	0.01522	3.64	3.64	1.5	ANNUAL	DPM
UCART1	552324.8	4166306	0.0132	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552344.8	4166306	0.01161	3.25	3.25	1.5	ANNUAL	DPM
UCART1	552424.8	4166306	0.00742	3.4	3.4	1.5	ANNUAL	DPM
UCART1	552444.8	4166306	0.00663	3.51	3.51	1.5	ANNUAL	DPM
UCART1	552464.8	4166306	0.00594	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552484.8	4166306	0.00535	3.31	3.31	1.5	ANNUAL	DPM
UCART1	552504.8	4166306	0.00479	3.47	3.47	1.5	ANNUAL	DPM
UCART1	552524.8	4166306	0.0043	3.64	3.64	1.5	ANNUAL	DPM
UCART1	552544.8	4166306	0.00387	3.74	3.74	1.5	ANNUAL	DPM
UCART1	552564.8	4166306	0.00351	3.66	3.66	1.5	ANNUAL	DPM
UCART1	551764.8	4166326	0.00025	4.79	4.79	1.5	ANNUAL	DPM
UCART1	551784.8	4166326	0.00028	4.51	4.51	1.5	ANNUAL	DPM
UCART1	551804.8	4166326	0.00031	4.35	4.35	1.5	ANNUAL	DPM
UCART1	551824.8	4166326	0.00035	4.39	4.39	1.5	ANNUAL	DPM
UCART1	551844.8	4166326	0.0004	4.3	4.3	1.5	ANNUAL	DPM
UCART1	551864.8	4166326	0.00047	3.57	3.57	1.5	ANNUAL	DPM
UCART1	551884.8	4166326	0.00055	3.77	3.77	1.5	ANNUAL	DPM
UCART1	551904.8	4166326	0.00065	4.09	4.09	1.5	ANNUAL	DPM
UCART1	551924.8	4166326	0.00079	4.26	4.26	1.5	ANNUAL	DPM
UCART1	551964.8	4166326	0.0012	4.31	4.31	1.5	ANNUAL	DPM
UCART1	551984.8	4166326	0.00137	4.31	4.31	1.5	ANNUAL	DPM
UCART1	552004.8	4166326	0.00162	4.29	4.29	1.5	ANNUAL	DPM
UCART1	552024.8	4166326	0.00199	4.19	4.19	1.5	ANNUAL	DPM

UCART1	552044.8	4166326	0.00244	4.03	4.03	1.5	ANNUAL	DPM
UCART1	552064.8	4166326	0.00288	3.79	3.79	1.5	ANNUAL	DPM
UCART1	552124.8	4166326	0.00687	2.72	2.72	1.5	ANNUAL	DPM
Term131S	552144.8	4166326	0.01368	2.98	2.98	1.5	ANNUAL	DPM
Term131S	552164.8	4166326	0.02249	3.29	3.29	1.5	ANNUAL	DPM
Term131S	552184.8	4166326	0.02837	3.47	3.47	1.5	ANNUAL	DPM
Term131S	552204.8	4166326	0.03192	4.02	4.02	1.5	ANNUAL	DPM
Term131S	552224.8	4166326	0.03439	3.64	3.64	1.5	ANNUAL	DPM
UCART1	552244.8	4166326	0.03147	3.27	3.27	1.5	ANNUAL	DPM
UCART1	552264.8	4166326	0.02541	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552284.8	4166326	0.02106	3.55	3.55	1.5	ANNUAL	DPM
UCART1	552304.8	4166326	0.01778	3.57	3.57	1.5	ANNUAL	DPM
UCART1	552324.8	4166326	0.01526	3.42	3.42	1.5	ANNUAL	DPM
UCART1	552344.8	4166326	0.01327	3.22	3.22	1.5	ANNUAL	DPM
UCART1	552424.8	4166326	0.00805	3.32	3.32	1.5	ANNUAL	DPM
UCART1	552444.8	4166326	0.00713	3.22	3.22	1.5	ANNUAL	DPM
UCART1	552464.8	4166326	0.00633	3.11	3.11	1.5	ANNUAL	DPM
UCART1	552484.8	4166326	0.00562	3.03	3.03	1.5	ANNUAL	DPM
UCART1	552504.8	4166326	0.00498	3.35	3.35	1.5	ANNUAL	DPM
UCART1	552524.8	4166326	0.00445	3.43	3.43	1.5	ANNUAL	DPM
UCART1	552544.8	4166326	0.00399	3.45	3.45	1.5	ANNUAL	DPM
UCART1	552564.8	4166326	0.00358	3.52	3.52	1.5	ANNUAL	DPM
UCART1	551764.8	4166346	0.00024	4.79	4.79	1.5	ANNUAL	DPM
UCART1	551784.8	4166346	0.00027	4.59	4.59	1.5	ANNUAL	DPM
UCART1	551804.8	4166346	0.00031	5.05	5.05	1.5	ANNUAL	DPM
UCART1	551824.8	4166346	0.00034	5.62	5.62	1.5	ANNUAL	DPM
UCART1	551844.8	4166346	0.00039	5.2	5.2	1.5	ANNUAL	DPM
UCART1	551864.8	4166346	0.00046	4.5	4.5	1.5	ANNUAL	DPM
UCART1	551884.8	4166346	0.00054	3.96	3.96	1.5	ANNUAL	DPM
UCART1	551904.8	4166346	0.00063	4.08	4.08	1.5	ANNUAL	DPM
UCART1	551924.8	4166346	0.00076	4.28	4.28	1.5	ANNUAL	DPM
UCART1	551944.8	4166346	0.00093	4.17	4.17	1.5	ANNUAL	DPM
UCART1	551964.8	4166346	0.00125	4.15	4.15	1.5	ANNUAL	DPM
UCART1	551984.8	4166346	0.00141	4.34	4.34	1.5	ANNUAL	DPM
UCART1	552004.8	4166346	0.0017	4.32	4.32	1.5	ANNUAL	DPM
UCART1	552024.8	4166346	0.00214	4.18	4.18	1.5	ANNUAL	DPM
UCART1	552044.8	4166346	0.0028	4.03	4.03	1.5	ANNUAL	DPM
UCART1	552084.8	4166346	0.00551	2.83	2.83	1.5	ANNUAL	DPM
UCART1	552104.8	4166346	0.01016	2.89	2.89	1.5	ANNUAL	DPM
Term131S	552124.8	4166346	0.01776	3.13	3.13	1.5	ANNUAL	DPM
Term131S	552144.8	4166346	0.0245	3.24	3.24	1.5	ANNUAL	DPM
Term131S	552164.8	4166346	0.03	3.2	3.2	1.5	ANNUAL	DPM
Term131S	552184.8	4166346	0.03398	3.38	3.38	1.5	ANNUAL	DPM
Term131S	552204.8	4166346	0.03655	3.78	3.78	1.5	ANNUAL	DPM

Term131S	552224.8	4166346	0.03822	3.6	3.6	1.5	ANNUAL	DPM
UCART1	552244.8	4166346	0.03613	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552264.8	4166346	0.02907	3.31	3.31	1.5	ANNUAL	DPM
UCART1	552284.8	4166346	0.02377	3.52	3.52	1.5	ANNUAL	DPM
UCART1	552304.8	4166346	0.01993	3.57	3.57	1.5	ANNUAL	DPM
UCART1	552324.8	4166346	0.01703	3.39	3.39	1.5	ANNUAL	DPM
UCART1	552344.8	4166346	0.0147	3.19	3.19	1.5	ANNUAL	DPM
UCART1	552424.8	4166346	0.00854	3.32	3.32	1.5	ANNUAL	DPM
UCART1	552444.8	4166346	0.00749	3.15	3.15	1.5	ANNUAL	DPM
UCART1	552464.8	4166346	0.00659	2.92	2.92	1.5	ANNUAL	DPM
UCART1	552484.8	4166346	0.00581	2.81	2.81	1.5	ANNUAL	DPM
UCART1	552504.8	4166346	0.00511	3.3	3.3	1.5	ANNUAL	DPM
UCART1	552524.8	4166346	0.00453	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552544.8	4166346	0.00404	3.45	3.45	1.5	ANNUAL	DPM
UCART1	552564.8	4166346	0.00362	3.55	3.55	1.5	ANNUAL	DPM
UCART1	551764.8	4166366	0.00024	4.82	4.82	1.5	ANNUAL	DPM
UCART1	551804.8	4166366	0.0003	5.3	5.3	1.5	ANNUAL	DPM
UCART1	551824.8	4166366	0.00034	6.04	6.04	1.5	ANNUAL	DPM
UCART1	551844.8	4166366	0.00039	5.49	5.49	1.5	ANNUAL	DPM
UCART1	551864.8	4166366	0.00045	4.89	4.89	1.5	ANNUAL	DPM
UCART1	551884.8	4166366	0.00053	4.05	4.05	1.5	ANNUAL	DPM
UCART1	551904.8	4166366	0.00063	4.02	4.02	1.5	ANNUAL	DPM
UCART1	551924.8	4166366	0.00075	4.2	4.2	1.5	ANNUAL	DPM
UCART1	551944.8	4166366	0.00093	4.1	4.1	1.5	ANNUAL	DPM
UCART1	551984.8	4166366	0.00147	4.23	4.23	1.5	ANNUAL	DPM
UCART1	552004.8	4166366	0.00177	4.26	4.26	1.5	ANNUAL	DPM
UCART1	552024.8	4166366	0.00227	4.13	4.13	1.5	ANNUAL	DPM
UCART1	552044.8	4166366	0.00312	3.98	3.98	1.5	ANNUAL	DPM
Term131S	552064.8	4166366	0.00559	3.93	3.93	1.5	ANNUAL	DPM
Term131S	552084.8	4166366	0.01348	3.53	3.53	1.5	ANNUAL	DPM
Term131S	552104.8	4166366	0.01978	3.46	3.46	1.5	ANNUAL	DPM
Term131S	552124.8	4166366	0.02536	3.4	3.4	1.5	ANNUAL	DPM
Term131S	552144.8	4166366	0.03047	3.26	3.26	1.5	ANNUAL	DPM
Term131S	552164.8	4166366	0.0348	3.08	3.08	1.5	ANNUAL	DPM
Term131S	552184.8	4166366	0.038	3.2	3.2	1.5	ANNUAL	DPM
Term131S	552204.8	4166366	0.04022	3.39	3.39	1.5	ANNUAL	DPM
Term131S	552224.8	4166366	0.04122	3.5	3.5	1.5	ANNUAL	DPM
Term131S	552244.8	4166366	0.04011	3.41	3.41	1.5	ANNUAL	DPM
UCART1	552264.8	4166366	0.03246	3.29	3.29	1.5	ANNUAL	DPM
UCART1	552284.8	4166366	0.02619	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552304.8	4166366	0.02174	3.59	3.59	1.5	ANNUAL	DPM
UCART1	552324.8	4166366	0.01845	3.4	3.4	1.5	ANNUAL	DPM
UCART1	552344.8	4166366	0.01584	3.15	3.15	1.5	ANNUAL	DPM
UCART1	552424.8	4166366	0.00884	3.33	3.33	1.5	ANNUAL	DPM

UCART1	552444.8	4166366	0.00768	3.17	3.17	1.5	ANNUAL	DPM
UCART1	552464.8	4166366	0.00672	2.85	2.85	1.5	ANNUAL	DPM
UCART1	552484.8	4166366	0.0059	2.66	2.66	1.5	ANNUAL	DPM
UCART1	552504.8	4166366	0.00515	3.29	3.29	1.5	ANNUAL	DPM
UCART1	552524.8	4166366	0.00456	3.34	3.34	1.5	ANNUAL	DPM
UCART1	552544.8	4166366	0.00405	3.63	3.63	1.5	ANNUAL	DPM
UCART1	552564.8	4166366	0.00363	3.68	3.68	1.5	ANNUAL	DPM
UCART1	551764.8	4166386	0.00024	4.81	4.81	1.5	ANNUAL	DPM
UCART1	551804.8	4166386	0.0003	4.48	4.48	1.5	ANNUAL	DPM
UCART1	551824.8	4166386	0.00034	4.53	4.53	1.5	ANNUAL	DPM
UCART1	551844.8	4166386	0.00039	4.19	4.19	1.5	ANNUAL	DPM
UCART1	551864.8	4166386	0.00045	3.74	3.74	1.5	ANNUAL	DPM
UCART1	551884.8	4166386	0.00052	3.75	3.75	1.5	ANNUAL	DPM
UCART1	551904.8	4166386	0.00062	3.78	3.78	1.5	ANNUAL	DPM
UCART1	551924.8	4166386	0.00074	3.86	3.86	1.5	ANNUAL	DPM
UCART1	551944.8	4166386	0.00091	3.97	3.97	1.5	ANNUAL	DPM
UCART1	551964.8	4166386	0.00115	3.96	3.96	1.5	ANNUAL	DPM
UCART1	551984.8	4166386	0.00154	3.84	3.84	1.5	ANNUAL	DPM
UCART1	552004.8	4166386	0.00186	3.96	3.96	1.5	ANNUAL	DPM
UCART1	552024.8	4166386	0.00242	3.96	3.96	1.5	ANNUAL	DPM
UCART1	552044.8	4166386	0.00349	3.88	3.88	1.5	ANNUAL	DPM
UCART1	552064.8	4166386	0.006	3.91	3.91	1.5	ANNUAL	DPM
Term131S	552084.8	4166386	0.01494	3.46	3.46	1.5	ANNUAL	DPM
Term131S	552104.8	4166386	0.02228	3.3	3.3	1.5	ANNUAL	DPM
Term131S	552124.8	4166386	0.02834	3.17	3.17	1.5	ANNUAL	DPM
Term131S	552144.8	4166386	0.03339	3.04	3.04	1.5	ANNUAL	DPM
Term131S	552164.8	4166386	0.03753	2.93	2.93	1.5	ANNUAL	DPM
Term131S	552184.8	4166386	0.0406	3.02	3.02	1.5	ANNUAL	DPM
Term131S	552204.8	4166386	0.04257	3.26	3.26	1.5	ANNUAL	DPM
Term131S	552224.8	4166386	0.04335	3.45	3.45	1.5	ANNUAL	DPM
Term131S	552244.8	4166386	0.04259	3.39	3.39	1.5	ANNUAL	DPM
UCART1	552264.8	4166386	0.0353	3.25	3.25	1.5	ANNUAL	DPM
UCART1	552284.8	4166386	0.0284	3.47	3.47	1.5	ANNUAL	DPM
UCART1	552304.8	4166386	0.02325	3.6	3.6	1.5	ANNUAL	DPM
UCART1	552324.8	4166386	0.01952	3.44	3.44	1.5	ANNUAL	DPM
UCART1	552344.8	4166386	0.01662	3.14	3.14	1.5	ANNUAL	DPM
UCART1	552424.8	4166386	0.00895	3.18	3.18	1.5	ANNUAL	DPM
UCART1	552444.8	4166386	0.00772	3.04	3.04	1.5	ANNUAL	DPM
UCART1	552464.8	4166386	0.00672	2.86	2.86	1.5	ANNUAL	DPM
UCART1	552484.8	4166386	0.00587	2.79	2.79	1.5	ANNUAL	DPM
UCART1	552504.8	4166386	0.00512	3.32	3.32	1.5	ANNUAL	DPM
UCART1	552524.8	4166386	0.00451	3.76	3.76	1.5	ANNUAL	DPM
UCART1	552544.8	4166386	0.004	4.08	4.08	1.5	ANNUAL	DPM
UCART1	552564.8	4166386	0.00359	3.93	3.93	1.5	ANNUAL	DPM

UCART1	551764.8	4166406	0.00023	4.89	4.89	1.5	ANNUAL	DPM
UCART1	551804.8	4166406	0.00029	4.43	4.43	1.5	ANNUAL	DPM
UCART1	551824.8	4166406	0.00033	4.46	4.46	1.5	ANNUAL	DPM
UCART1	551844.8	4166406	0.00038	4.25	4.25	1.5	ANNUAL	DPM
UCART1	551864.8	4166406	0.00044	3.63	3.63	1.5	ANNUAL	DPM
UCART1	551884.8	4166406	0.00052	3.83	3.83	1.5	ANNUAL	DPM
UCART1	551904.8	4166406	0.00061	3.74	3.74	1.5	ANNUAL	DPM
UCART1	551924.8	4166406	0.00074	3.72	3.72	1.5	ANNUAL	DPM
UCART1	551944.8	4166406	0.0009	3.93	3.93	1.5	ANNUAL	DPM
UCART1	551964.8	4166406	0.00114	3.95	3.95	1.5	ANNUAL	DPM
UCART1	552004.8	4166406	0.00197	3.79	3.79	1.5	ANNUAL	DPM
UCART1	552024.8	4166406	0.00263	3.82	3.82	1.5	ANNUAL	DPM
UCART1	552044.8	4166406	0.00382	3.78	3.78	1.5	ANNUAL	DPM
UCART1	552064.8	4166406	0.00627	3.79	3.79	1.5	ANNUAL	DPM
Term131S	552084.8	4166406	0.01458	3.45	3.45	1.5	ANNUAL	DPM
Term131S	552104.8	4166406	0.02294	3.19	3.19	1.5	ANNUAL	DPM
Term131S	552124.8	4166406	0.0293	3.05	3.05	1.5	ANNUAL	DPM
Term131S	552144.8	4166406	0.03453	2.95	2.95	1.5	ANNUAL	DPM
Term131S	552164.8	4166406	0.03882	2.86	2.86	1.5	ANNUAL	DPM
Term131S	552184.8	4166406	0.04201	2.92	2.92	1.5	ANNUAL	DPM
Term131S	552204.8	4166406	0.04396	3.19	3.19	1.5	ANNUAL	DPM
Term131S	552224.8	4166406	0.04469	3.45	3.45	1.5	ANNUAL	DPM
Term131S	552244.8	4166406	0.04417	3.4	3.4	1.5	ANNUAL	DPM
UCART1	552264.8	4166406	0.03774	3.24	3.24	1.5	ANNUAL	DPM
UCART1	552284.8	4166406	0.03032	3.45	3.45	1.5	ANNUAL	DPM
UCART1	552304.8	4166406	0.02444	3.58	3.58	1.5	ANNUAL	DPM
UCART1	552324.8	4166406	0.02021	3.44	3.44	1.5	ANNUAL	DPM
UCART1	552344.8	4166406	0.01699	3.1	3.1	1.5	ANNUAL	DPM
UCART1	552424.8	4166406	0.00884	3.06	3.06	1.5	ANNUAL	DPM
UCART1	552444.8	4166406	0.0076	2.99	2.99	1.5	ANNUAL	DPM
UCART1	552464.8	4166406	0.00659	2.9	2.9	1.5	ANNUAL	DPM
UCART1	552484.8	4166406	0.00576	2.85	2.85	1.5	ANNUAL	DPM
UCART1	552504.8	4166406	0.00503	3.34	3.34	1.5	ANNUAL	DPM
UCART1	552524.8	4166406	0.00442	3.93	3.93	1.5	ANNUAL	DPM
UCART1	552544.8	4166406	0.00393	4.17	4.17	1.5	ANNUAL	DPM
UCART1	552564.8	4166406	0.00353	4.07	4.07	1.5	ANNUAL	DPM
UCART1	551804.8	4166426	0.00029	4.47	4.47	1.5	ANNUAL	DPM
UCART1	551824.8	4166426	0.00033	4.55	4.55	1.5	ANNUAL	DPM
UCART1	551844.8	4166426	0.00038	4.45	4.45	1.5	ANNUAL	DPM
UCART1	551864.8	4166426	0.00044	3.75	3.75	1.5	ANNUAL	DPM
UCART1	551884.8	4166426	0.00051	3.9	3.9	1.5	ANNUAL	DPM
UCART1	551904.8	4166426	0.00061	3.71	3.71	1.5	ANNUAL	DPM
UCART1	551924.8	4166426	0.00073	3.63	3.63	1.5	ANNUAL	DPM
UCART1	551944.8	4166426	0.0009	3.87	3.87	1.5	ANNUAL	DPM

UCART1	551964.8	4166426	0.00114	3.92	3.92	1.5	ANNUAL	DPM
UCART1	552004.8	4166426	0.0021	3.69	3.69	1.5	ANNUAL	DPM
UCART1	552024.8	4166426	0.00283	3.72	3.72	1.5	ANNUAL	DPM
UCART1	552044.8	4166426	0.00404	3.71	3.71	1.5	ANNUAL	DPM
UCART1	552064.8	4166426	0.00632	3.68	3.68	1.5	ANNUAL	DPM
Term131S	552084.8	4166426	0.01328	3.46	3.46	1.5	ANNUAL	DPM
Term131S	552104.8	4166426	0.02258	3.13	3.13	1.5	ANNUAL	DPM
Term131S	552124.8	4166426	0.02935	3.01	3.01	1.5	ANNUAL	DPM
Term131S	552144.8	4166426	0.03477	2.96	2.96	1.5	ANNUAL	DPM
Term131S	552164.8	4166426	0.03924	2.86	2.86	1.5	ANNUAL	DPM
Term131S	552184.8	4166426	0.0426	2.88	2.88	1.5	ANNUAL	DPM
Term131S	552204.8	4166426	0.04459	3.17	3.17	1.5	ANNUAL	DPM
Term131S	552224.8	4166426	0.04537	3.47	3.47	1.5	ANNUAL	DPM
Term131S	552244.8	4166426	0.045	3.44	3.44	1.5	ANNUAL	DPM
UCART1	552264.8	4166426	0.0396	3.27	3.27	1.5	ANNUAL	DPM
UCART1	552284.8	4166426	0.03158	3.42	3.42	1.5	ANNUAL	DPM
UCART1	552304.8	4166426	0.02515	3.56	3.56	1.5	ANNUAL	DPM
UCART1	552324.8	4166426	0.0204	3.4	3.4	1.5	ANNUAL	DPM
UCART1	552344.8	4166426	0.01687	3.07	3.07	1.5	ANNUAL	DPM
UCART1	552424.8	4166426	0.00854	2.98	2.98	1.5	ANNUAL	DPM
UCART1	552444.8	4166426	0.00733	3.01	3.01	1.5	ANNUAL	DPM
UCART1	552464.8	4166426	0.00637	2.94	2.94	1.5	ANNUAL	DPM
UCART1	552484.8	4166426	0.00558	2.85	2.85	1.5	ANNUAL	DPM
UCART1	552504.8	4166426	0.00488	3.35	3.35	1.5	ANNUAL	DPM
UCART1	552524.8	4166426	0.0043	3.92	3.92	1.5	ANNUAL	DPM
UCART1	552544.8	4166426	0.00384	3.99	3.99	1.5	ANNUAL	DPM
UCART1	552564.8	4166426	0.00344	4.12	4.12	1.5	ANNUAL	DPM
UCART1	551824.8	4166446	0.00033	4.03	4.03	1.5	ANNUAL	DPM
UCART1	551844.8	4166446	0.00038	3.96	8.39	1.5	ANNUAL	DPM
UCART1	551864.8	4166446	0.00044	3.65	8.39	1.5	ANNUAL	DPM
UCART1	551884.8	4166446	0.00051	3.6	8.39	1.5	ANNUAL	DPM
UCART1	551904.8	4166446	0.00061	3.51	3.51	1.5	ANNUAL	DPM
UCART1	551924.8	4166446	0.00074	3.51	3.51	1.5	ANNUAL	DPM
UCART1	551944.8	4166446	0.00091	3.67	3.67	1.5	ANNUAL	DPM
UCART1	551964.8	4166446	0.00116	3.87	3.87	1.5	ANNUAL	DPM
UCART1	551984.8	4166446	0.00155	3.75	3.75	1.5	ANNUAL	DPM
UCART1	552024.8	4166446	0.00295	3.72	3.72	1.5	ANNUAL	DPM
UCART1	552044.8	4166446	0.00411	3.83	3.83	1.5	ANNUAL	DPM
UCART1	552064.8	4166446	0.00617	3.82	3.82	1.5	ANNUAL	DPM
Term131S	552084.8	4166446	0.01139	3.47	3.47	1.5	ANNUAL	DPM
Term131S	552104.8	4166446	0.02122	3.21	3.21	1.5	ANNUAL	DPM
Term131S	552124.8	4166446	0.02862	3.22	3.22	1.5	ANNUAL	DPM
Term131S	552144.8	4166446	0.03423	3.25	3.25	1.5	ANNUAL	DPM
Term131S	552164.8	4166446	0.03881	3.12	3.12	1.5	ANNUAL	DPM

Term131S	552184.8	4166446	0.04245	2.94	2.94	1.5	ANNUAL	DPM
Term131S	552204.8	4166446	0.04449	3.22	3.22	1.5	ANNUAL	DPM
Term131S	552224.8	4166446	0.04535	3.5	3.5	1.5	ANNUAL	DPM
Term131S	552244.8	4166446	0.04495	3.53	3.53	1.5	ANNUAL	DPM
UCART1	552264.8	4166446	0.04059	3.4	3.4	1.5	ANNUAL	DPM
UCART1	552284.8	4166446	0.03185	3.4	3.4	1.5	ANNUAL	DPM
UCART1	552304.8	4166446	0.02512	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552324.8	4166446	0.01996	3.37	3.37	1.5	ANNUAL	DPM
UCART1	552344.8	4166446	0.0162	3.09	3.09	1.5	ANNUAL	DPM
UCART1	552424.8	4166446	0.00805	3.18	3.18	1.5	ANNUAL	DPM
UCART1	552444.8	4166446	0.00695	3.11	3.11	1.5	ANNUAL	DPM
UCART1	552464.8	4166446	0.00607	2.89	2.89	1.5	ANNUAL	DPM
UCART1	552484.8	4166446	0.00534	2.79	2.79	1.5	ANNUAL	DPM
UCART1	552504.8	4166446	0.00468	3.42	3.42	1.5	ANNUAL	DPM
UCART1	552524.8	4166446	0.00415	3.75	3.75	1.5	ANNUAL	DPM
UCART1	552544.8	4166446	0.00371	3.86	3.86	1.5	ANNUAL	DPM
UCART1	552564.8	4166446	0.00333	4.01	4.01	1.5	ANNUAL	DPM
UCART1	551824.8	4166466	0.00033	4.37	4.37	1.5	ANNUAL	DPM
UCART1	551844.8	4166466	0.00037	4.91	8.39	1.5	ANNUAL	DPM
UCART1	551864.8	4166466	0.00042	5.72	8.39	1.5	ANNUAL	DPM
UCART1	551884.8	4166466	0.0005	5.25	8.39	1.5	ANNUAL	DPM
UCART1	551904.8	4166466	0.0006	4.08	8.39	1.5	ANNUAL	DPM
UCART1	551924.8	4166466	0.00074	3.4	3.4	1.5	ANNUAL	DPM
UCART1	551944.8	4166466	0.00093	3.57	3.57	1.5	ANNUAL	DPM
UCART1	551964.8	4166466	0.00119	3.83	3.83	1.5	ANNUAL	DPM
UCART1	551984.8	4166466	0.00159	3.75	3.75	1.5	ANNUAL	DPM
UCART1	552024.8	4166466	0.003	3.72	3.72	1.5	ANNUAL	DPM
UCART1	552044.8	4166466	0.00408	3.81	3.81	1.5	ANNUAL	DPM
UCART1	552064.8	4166466	0.00597	3.73	3.73	1.5	ANNUAL	DPM
UCART1	552084.8	4166466	0.00957	3.65	3.65	1.5	ANNUAL	DPM
Term131S	552104.8	4166466	0.0194	3.36	3.36	1.5	ANNUAL	DPM
Term131S	552124.8	4166466	0.02737	3.34	3.34	1.5	ANNUAL	DPM
Term131S	552144.8	4166466	0.03331	3.38	3.38	1.5	ANNUAL	DPM
Term131S	552164.8	4166466	0.03798	3.27	3.27	1.5	ANNUAL	DPM
Term131S	552184.8	4166466	0.04169	3	3	1.5	ANNUAL	DPM
Term131S	552204.8	4166466	0.04373	3.18	3.18	1.5	ANNUAL	DPM
Term131S	552224.8	4166466	0.0445	3.42	3.42	1.5	ANNUAL	DPM
Term131S	552244.8	4166466	0.04357	3.5	3.5	1.5	ANNUAL	DPM
Term131S	552264.8	4166466	0.04009	3.43	3.43	1.5	ANNUAL	DPM
UCART1	552284.8	4166466	0.03071	3.37	3.37	1.5	ANNUAL	DPM
UCART1	552304.8	4166466	0.02398	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552324.8	4166466	0.01878	3.37	3.37	1.5	ANNUAL	DPM
UCART1	552344.8	4166466	0.015	3.14	3.14	1.5	ANNUAL	DPM
UCART1	552424.8	4166466	0.00749	3.25	3.25	1.5	ANNUAL	DPM

UCART1	552444.8	4166466	0.0065	3.2	3.2	1.5	ANNUAL	DPM
UCART1	552464.8	4166466	0.00571	2.95	2.95	1.5	ANNUAL	DPM
UCART1	552484.8	4166466	0.00505	2.81	2.81	1.5	ANNUAL	DPM
UCART1	552504.8	4166466	0.00444	3.38	3.38	1.5	ANNUAL	DPM
UCART1	552524.8	4166466	0.00396	3.61	3.61	1.5	ANNUAL	DPM
UCART1	552544.8	4166466	0.00355	3.72	3.72	1.5	ANNUAL	DPM
UCART1	551824.8	4166486	0.00033	4.93	4.93	1.5	ANNUAL	DPM
UCART1	551844.8	4166486	0.00037	6.14	8.39	1.5	ANNUAL	DPM
UCART1	551864.8	4166486	0.00041	8.08	8.08	1.5	ANNUAL	DPM
UCART1	551884.8	4166486	0.00049	7.1	7.1	1.5	ANNUAL	DPM
UCART1	551904.8	4166486	0.00061	4.75	7.05	1.5	ANNUAL	DPM
UCART1	551924.8	4166486	0.00076	3.32	7.05	1.5	ANNUAL	DPM
UCART1	551944.8	4166486	0.00096	3.51	3.51	1.5	ANNUAL	DPM
UCART1	551964.8	4166486	0.00123	3.78	3.78	1.5	ANNUAL	DPM
UCART1	551984.8	4166486	0.00163	3.71	3.71	1.5	ANNUAL	DPM
UCART1	552024.8	4166486	0.00301	3.71	3.71	1.5	ANNUAL	DPM
UCART1	552044.8	4166486	0.00401	3.71	3.71	1.5	ANNUAL	DPM
UCART1	552064.8	4166486	0.0057	3.54	3.54	1.5	ANNUAL	DPM
UCART1	552084.8	4166486	0.00866	3.86	3.86	1.5	ANNUAL	DPM
Term131S	552104.8	4166486	0.01783	3.54	3.54	1.5	ANNUAL	DPM
Term131S	552124.8	4166486	0.02585	3.39	3.39	1.5	ANNUAL	DPM
Term131S	552144.8	4166486	0.03201	3.4	3.4	1.5	ANNUAL	DPM
Term131S	552164.8	4166486	0.03661	3.37	3.37	1.5	ANNUAL	DPM
Term131S	552184.8	4166486	0.0401	3.06	3.06	1.5	ANNUAL	DPM
Term131S	552204.8	4166486	0.04182	3.06	3.06	1.5	ANNUAL	DPM
Term131S	552224.8	4166486	0.04011	3.27	3.27	1.5	ANNUAL	DPM
Term131S	552244.8	4166486	0.03813	3.4	3.4	1.5	ANNUAL	DPM
Term131S	552264.8	4166486	0.03593	3.38	3.38	1.5	ANNUAL	DPM
UCART1	552284.8	4166486	0.02794	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552304.8	4166486	0.02146	3.56	3.56	1.5	ANNUAL	DPM
UCART1	552324.8	4166486	0.01677	3.39	3.39	1.5	ANNUAL	DPM
UCART1	552344.8	4166486	0.01337	3.2	3.2	1.5	ANNUAL	DPM
UCART1	552424.8	4166486	0.00688	3.22	3.22	1.5	ANNUAL	DPM
UCART1	552444.8	4166486	0.006	3.28	3.28	1.5	ANNUAL	DPM
UCART1	552464.8	4166486	0.00529	3.11	3.11	1.5	ANNUAL	DPM
UCART1	552484.8	4166486	0.00471	2.9	2.9	1.5	ANNUAL	DPM
UCART1	552504.8	4166486	0.00418	3.23	3.23	1.5	ANNUAL	DPM
UCART1	552524.8	4166486	0.00374	3.51	3.51	1.5	ANNUAL	DPM
UCART1	552544.8	4166486	0.00337	3.57	3.57	1.5	ANNUAL	DPM
UCART1	551824.8	4166506	0.00033	4.76	4.76	1.5	ANNUAL	DPM
UCART1	551844.8	4166506	0.00037	5.64	5.64	1.5	ANNUAL	DPM
UCART1	551864.8	4166506	0.00043	7	7	1.5	ANNUAL	DPM
UCART1	551884.8	4166506	0.00052	5.3	8.39	1.5	ANNUAL	DPM
UCART1	551904.8	4166506	0.00063	4.02	7.05	1.5	ANNUAL	DPM

UCART1	551924.8	4166506	0.00079	3.4	3.4	1.5	ANNUAL	DPM
UCART1	551944.8	4166506	0.001	3.32	3.32	1.5	ANNUAL	DPM
UCART1	551964.8	4166506	0.00127	3.54	3.54	1.5	ANNUAL	DPM
UCART1	551984.8	4166506	0.00166	3.49	3.49	1.5	ANNUAL	DPM
UCART1	552004.8	4166506	0.0022	3.46	3.46	1.5	ANNUAL	DPM
UCART1	552024.8	4166506	0.003	3.56	3.56	1.5	ANNUAL	DPM
UCART1	552044.8	4166506	0.00391	3.63	3.63	1.5	ANNUAL	DPM
UCART1	552064.8	4166506	0.00539	3.47	3.47	1.5	ANNUAL	DPM
UCART1	552084.8	4166506	0.00799	3.5	3.5	1.5	ANNUAL	DPM
Term131S	552104.8	4166506	0.01633	3.49	3.49	1.5	ANNUAL	DPM
Term131S	552124.8	4166506	0.02419	3.41	3.41	1.5	ANNUAL	DPM
Term131S	552144.8	4166506	0.03025	3.37	3.37	1.5	ANNUAL	DPM
Term131S	552164.8	4166506	0.0344	3.37	3.37	1.5	ANNUAL	DPM
Term131S	552184.8	4166506	0.03683	3.18	3.18	1.5	ANNUAL	DPM
Term131S	552264.8	4166506	0.02719	3.44	3.44	1.5	ANNUAL	DPM
UCART1	552284.8	4166506	0.02268	3.34	3.34	1.5	ANNUAL	DPM
UCART1	552304.8	4166506	0.01745	3.55	3.55	1.5	ANNUAL	DPM
UCART1	552324.8	4166506	0.01419	3.35	3.35	1.5	ANNUAL	DPM
UCART1	552344.8	4166506	0.01157	3.18	3.18	1.5	ANNUAL	DPM
UCART1	552424.8	4166506	0.00623	3.13	3.13	1.5	ANNUAL	DPM
UCART1	552444.8	4166506	0.00547	3.17	3.17	1.5	ANNUAL	DPM
UCART1	552464.8	4166506	0.00486	3.01	3.01	1.5	ANNUAL	DPM
UCART1	552484.8	4166506	0.00435	2.84	2.84	1.5	ANNUAL	DPM
UCART1	552504.8	4166506	0.00388	3.19	3.19	1.5	ANNUAL	DPM
UCART1	552524.8	4166506	0.00348	3.53	3.53	1.5	ANNUAL	DPM
UCART1	552544.8	4166506	0.00315	3.71	3.71	1.5	ANNUAL	DPM
UCART1	551824.8	4166526	0.00033	4.47	4.47	1.5	ANNUAL	DPM
UCART1	551844.8	4166526	0.00038	5.15	5.15	1.5	ANNUAL	DPM
UCART1	551864.8	4166526	0.00044	5.83	5.83	1.5	ANNUAL	DPM
UCART1	551884.8	4166526	0.00054	4.58	4.58	1.5	ANNUAL	DPM
UCART1	551904.8	4166526	0.00066	3.88	3.88	1.5	ANNUAL	DPM
UCART1	551924.8	4166526	0.00082	3.54	3.54	1.5	ANNUAL	DPM
UCART1	551944.8	4166526	0.00103	3.39	3.39	1.5	ANNUAL	DPM
UCART1	551964.8	4166526	0.00131	3.53	3.53	1.5	ANNUAL	DPM
UCART1	551984.8	4166526	0.00167	3.52	3.52	1.5	ANNUAL	DPM
UCART1	552004.8	4166526	0.00217	3.51	3.51	1.5	ANNUAL	DPM
UCART1	552044.8	4166526	0.00377	3.67	3.67	1.5	ANNUAL	DPM
UCART1	552064.8	4166526	0.00501	3.61	3.61	1.5	ANNUAL	DPM
UCART1	552084.8	4166526	0.00707	3.47	3.47	1.5	ANNUAL	DPM
Term131S	552104.8	4166526	0.01407	3.5	3.5	1.5	ANNUAL	DPM
Term131S	552124.8	4166526	0.02192	3.41	3.41	1.5	ANNUAL	DPM
Term131S	552144.8	4166526	0.02657	3.34	3.34	1.5	ANNUAL	DPM
Term131S	552164.8	4166526	0.02854	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552284.8	4166526	0.01497	3.31	3.31	1.5	ANNUAL	DPM

UCART1	552304.8	4166526	0.01306	3.44	3.44	1.5	ANNUAL	DPM
UCART1	552324.8	4166526	0.0114	3.24	3.24	1.5	ANNUAL	DPM
UCART1	552344.8	4166526	0.00967	3.1	3.1	1.5	ANNUAL	DPM
UCART1	552424.8	4166526	0.00556	3.01	3.01	1.5	ANNUAL	DPM
UCART1	552444.8	4166526	0.00493	3	3	1.5	ANNUAL	DPM
UCART1	552464.8	4166526	0.00441	2.85	2.85	1.5	ANNUAL	DPM
UCART1	552484.8	4166526	0.00397	2.73	2.73	1.5	ANNUAL	DPM
UCART1	552504.8	4166526	0.00357	3.08	3.08	1.5	ANNUAL	DPM
UCART1	552524.8	4166526	0.00321	3.53	3.53	1.5	ANNUAL	DPM
UCART1	552564.8	4166526	0.00266	4.08	4.08	1.5	ANNUAL	DPM
UCART1	551824.8	4166546	0.00034	4.12	4.12	1.5	ANNUAL	DPM
UCART1	551844.8	4166546	0.00039	4.64	4.64	1.5	ANNUAL	DPM
UCART1	551864.8	4166546	0.00046	4.64	4.64	1.5	ANNUAL	DPM
UCART1	551884.8	4166546	0.00056	4.55	4.55	1.5	ANNUAL	DPM
UCART1	551904.8	4166546	0.00068	4.09	4.09	1.5	ANNUAL	DPM
UCART1	551924.8	4166546	0.00085	3.72	3.72	1.5	ANNUAL	DPM
UCART1	551944.8	4166546	0.00105	3.63	3.63	1.5	ANNUAL	DPM
UCART1	551964.8	4166546	0.00132	3.65	3.65	1.5	ANNUAL	DPM
UCART1	551984.8	4166546	0.00166	3.72	3.72	1.5	ANNUAL	DPM
UCART1	552004.8	4166546	0.00212	3.74	3.74	1.5	ANNUAL	DPM
UCART1	552044.8	4166546	0.00358	3.8	3.8	1.5	ANNUAL	DPM
UCART1	552064.8	4166546	0.00457	3.9	3.9	1.5	ANNUAL	DPM
UCART1	552084.8	4166546	0.00615	3.71	3.71	1.5	ANNUAL	DPM
UCART1	552284.8	4166546	0.01051	3.25	3.25	1.5	ANNUAL	DPM
UCART1	552304.8	4166546	0.00958	3.22	3.22	1.5	ANNUAL	DPM
UCART1	552324.8	4166546	0.00882	3.04	3.04	1.5	ANNUAL	DPM
UCART1	552344.8	4166546	0.00781	2.95	2.95	1.5	ANNUAL	DPM
UCART1	552424.8	4166546	0.00488	2.82	2.82	1.5	ANNUAL	DPM
UCART1	552444.8	4166546	0.00438	2.76	2.76	1.5	ANNUAL	DPM
UCART1	552464.8	4166546	0.00396	2.63	2.63	1.5	ANNUAL	DPM
UCART1	552484.8	4166546	0.00359	2.56	2.56	1.5	ANNUAL	DPM
UCART1	552504.8	4166546	0.00325	2.85	2.85	1.5	ANNUAL	DPM
UCART1	552524.8	4166546	0.00294	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552564.8	4166546	0.00246	3.87	3.87	1.5	ANNUAL	DPM
UCART1	551824.8	4166566	0.00035	3.81	3.81	1.5	ANNUAL	DPM
UCART1	551844.8	4166566	0.00041	3.85	3.85	1.5	ANNUAL	DPM
UCART1	551864.8	4166566	0.00049	4.08	4.08	1.5	ANNUAL	DPM
UCART1	551884.8	4166566	0.00058	4.2	4.2	1.5	ANNUAL	DPM
UCART1	551904.8	4166566	0.00071	3.87	3.87	1.5	ANNUAL	DPM
UCART1	551924.8	4166566	0.00087	3.62	3.62	1.5	ANNUAL	DPM
UCART1	551944.8	4166566	0.00107	3.6	3.6	1.5	ANNUAL	DPM
UCART1	551964.8	4166566	0.00133	3.59	3.59	1.5	ANNUAL	DPM
UCART1	551984.8	4166566	0.00165	3.69	3.69	1.5	ANNUAL	DPM
UCART1	552004.8	4166566	0.00207	3.64	3.64	1.5	ANNUAL	DPM

UCART1	552044.8	4166566	0.00338	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552064.8	4166566	0.00422	3.33	3.33	1.5	ANNUAL	DPM
UCART1	552084.8	4166566	0.00537	3.19	3.19	1.5	ANNUAL	DPM
UCART1	552304.8	4166566	0.0073	3.09	3.09	1.5	ANNUAL	DPM
UCART1	552324.8	4166566	0.00677	2.93	2.93	1.5	ANNUAL	DPM
UCART1	552344.8	4166566	0.0062	2.86	2.86	1.5	ANNUAL	DPM
UCART1	552424.8	4166566	0.00422	2.8	2.8	1.5	ANNUAL	DPM
UCART1	552444.8	4166566	0.00383	2.76	2.76	1.5	ANNUAL	DPM
UCART1	552464.8	4166566	0.0035	2.62	2.62	1.5	ANNUAL	DPM
UCART1	552484.8	4166566	0.0032	2.61	2.61	1.5	ANNUAL	DPM
UCART1	552504.8	4166566	0.00291	3.08	3.08	1.5	ANNUAL	DPM
UCART1	552544.8	4166566	0.00244	3.81	3.81	1.5	ANNUAL	DPM
UCART1	552564.8	4166566	0.00226	3.9	3.9	1.5	ANNUAL	DPM
UCART1	551844.8	4166586	0.00043	3.36	3.36	1.5	ANNUAL	DPM
UCART1	551864.8	4166586	0.00051	3.66	3.66	1.5	ANNUAL	DPM
UCART1	551884.8	4166586	0.00061	3.82	3.82	1.5	ANNUAL	DPM
UCART1	551904.8	4166586	0.00073	3.67	3.67	1.5	ANNUAL	DPM
UCART1	551924.8	4166586	0.00089	3.54	3.54	1.5	ANNUAL	DPM
UCART1	551944.8	4166586	0.00109	3.5	3.5	1.5	ANNUAL	DPM
UCART1	551964.8	4166586	0.00133	3.42	3.42	1.5	ANNUAL	DPM
UCART1	551984.8	4166586	0.00162	3.51	3.51	1.5	ANNUAL	DPM
UCART1	552004.8	4166586	0.002	3.42	3.42	1.5	ANNUAL	DPM
UCART1	552024.8	4166586	0.00247	3.36	3.36	1.5	ANNUAL	DPM
UCART1	552044.8	4166586	0.00316	3.28	3.28	1.5	ANNUAL	DPM
UCART1	552064.8	4166586	0.00379	3.1	3.1	1.5	ANNUAL	DPM
UCART1	552084.8	4166586	0.00445	3.09	3.09	1.5	ANNUAL	DPM
UCART1	552104.8	4166586	0.0051	3.24	3.24	1.5	ANNUAL	DPM
UCART1	552304.8	4166586	0.00558	3	3	1.5	ANNUAL	DPM
UCART1	552324.8	4166586	0.00527	2.83	2.83	1.5	ANNUAL	DPM
UCART1	552344.8	4166586	0.00494	2.79	2.79	1.5	ANNUAL	DPM
UCART1	552424.8	4166586	0.00362	2.73	2.73	1.5	ANNUAL	DPM
UCART1	552444.8	4166586	0.00333	2.72	2.72	1.5	ANNUAL	DPM
UCART1	552464.8	4166586	0.00307	2.62	2.62	1.5	ANNUAL	DPM
UCART1	552484.8	4166586	0.00283	2.73	2.73	1.5	ANNUAL	DPM
UCART1	552504.8	4166586	0.00259	3.37	3.37	1.5	ANNUAL	DPM
UCART1	552544.8	4166586	0.00221	3.86	3.86	1.5	ANNUAL	DPM
UCART1	552564.8	4166586	0.00206	3.93	3.93	1.5	ANNUAL	DPM
UCART1	551804.8	4166606	0.00032	4.01	4.01	1.5	ANNUAL	DPM
UCART1	551844.8	4166606	0.00045	3.12	3.12	1.5	ANNUAL	DPM
UCART1	551864.8	4166606	0.00053	3.38	3.38	1.5	ANNUAL	DPM
UCART1	551884.8	4166606	0.00063	3.41	3.41	1.5	ANNUAL	DPM
UCART1	551904.8	4166606	0.00075	3.49	3.49	1.5	ANNUAL	DPM
UCART1	551924.8	4166606	0.0009	3.49	3.49	1.5	ANNUAL	DPM
UCART1	551944.8	4166606	0.00109	3.36	3.36	1.5	ANNUAL	DPM

UCART1	551964.8	4166606	0.00132	3.14	3.14	1.5	ANNUAL	DPM
UCART1	551984.8	4166606	0.00159	3.18	3.18	1.5	ANNUAL	DPM
UCART1	552004.8	4166606	0.00192	3.08	3.08	1.5	ANNUAL	DPM
UCART1	552024.8	4166606	0.00234	3.06	3.06	1.5	ANNUAL	DPM
UCART1	552044.8	4166606	0.00283	3.14	3.14	1.5	ANNUAL	DPM
UCART1	552064.8	4166606	0.00327	3.26	3.26	1.5	ANNUAL	DPM
UCART1	552084.8	4166606	0.00366	3.48	3.48	1.5	ANNUAL	DPM
UCART1	552104.8	4166606	0.00407	3.23	3.23	1.5	ANNUAL	DPM
UCART1	552304.8	4166606	0.00436	2.96	2.96	1.5	ANNUAL	DPM
UCART1	552324.8	4166606	0.00419	2.71	2.71	1.5	ANNUAL	DPM
UCART1	552344.8	4166606	0.00398	2.74	2.74	1.5	ANNUAL	DPM
UCART1	552404.8	4166606	0.00334	2.47	2.47	1.5	ANNUAL	DPM
UCART1	552424.8	4166606	0.0031	2.54	2.54	1.5	ANNUAL	DPM
UCART1	552444.8	4166606	0.00288	2.55	2.55	1.5	ANNUAL	DPM
UCART1	552464.8	4166606	0.00268	2.58	2.58	1.5	ANNUAL	DPM
UCART1	552484.8	4166606	0.00249	2.9	2.9	1.5	ANNUAL	DPM
UCART1	552524.8	4166606	0.00214	3.58	3.58	1.5	ANNUAL	DPM
UCART1	552544.8	4166606	0.002	3.86	3.86	1.5	ANNUAL	DPM
UCART1	552564.8	4166606	0.00187	3.88	3.88	1.5	ANNUAL	DPM
UCART1	551804.8	4166626	0.00033	4.01	4.01	1.5	ANNUAL	DPM
UCART1	551844.8	4166626	0.00046	3.04	3.04	1.5	ANNUAL	DPM
UCART1	551864.8	4166626	0.00055	3.08	3.08	1.5	ANNUAL	DPM
UCART1	551884.8	4166626	0.00065	3.12	3.12	1.5	ANNUAL	DPM
UCART1	551904.8	4166626	0.00077	3.29	3.29	1.5	ANNUAL	DPM
UCART1	551924.8	4166626	0.00091	3.44	3.44	1.5	ANNUAL	DPM
UCART1	551944.8	4166626	0.00108	3.41	3.41	1.5	ANNUAL	DPM
UCART1	551964.8	4166626	0.00129	3.11	3.11	1.5	ANNUAL	DPM
UCART1	551984.8	4166626	0.00153	2.96	2.96	1.5	ANNUAL	DPM
UCART1	552004.8	4166626	0.00182	2.95	2.95	1.5	ANNUAL	DPM
UCART1	552024.8	4166626	0.00215	2.93	2.93	1.5	ANNUAL	DPM
UCART1	552064.8	4166626	0.00285	2.86	2.86	1.5	ANNUAL	DPM
UCART1	552084.8	4166626	0.00306	3.28	3.28	1.5	ANNUAL	DPM
UCART1	552104.8	4166626	0.0033	3.07	3.07	1.5	ANNUAL	DPM
UCART1	552304.8	4166626	0.00348	2.95	2.95	1.5	ANNUAL	DPM
UCART1	552324.8	4166626	0.00339	2.66	2.66	1.5	ANNUAL	DPM
UCART1	552344.8	4166626	0.00326	2.76	2.76	1.5	ANNUAL	DPM
UCART1	552404.8	4166626	0.00283	2.45	2.45	1.5	ANNUAL	DPM
UCART1	552424.8	4166626	0.00265	2.48	2.48	1.5	ANNUAL	DPM
UCART1	552444.8	4166626	0.00249	2.46	2.46	1.5	ANNUAL	DPM
UCART1	552464.8	4166626	0.00234	2.66	2.66	1.5	ANNUAL	DPM
UCART1	552484.8	4166626	0.00218	3.12	3.12	1.5	ANNUAL	DPM
UCART1	552524.8	4166626	0.00192	3.37	3.37	1.5	ANNUAL	DPM
UCART1	552544.8	4166626	0.0018	3.58	3.58	1.5	ANNUAL	DPM
UCART1	552564.8	4166626	0.00169	3.71	3.71	1.5	ANNUAL	DPM

UCART1	551804.8	4166646	0.00035	3.84	3.84	1.5	ANNUAL	DPM
UCART1	551844.8	4166646	0.00048	3.16	3.16	1.5	ANNUAL	DPM
UCART1	551864.8	4166646	0.00056	2.92	2.92	1.5	ANNUAL	DPM
UCART1	551884.8	4166646	0.00066	2.95	2.95	1.5	ANNUAL	DPM
UCART1	551904.8	4166646	0.00078	3.19	3.19	1.5	ANNUAL	DPM
UCART1	551924.8	4166646	0.00091	3.41	3.41	1.5	ANNUAL	DPM
UCART1	551944.8	4166646	0.00106	3.42	3.42	1.5	ANNUAL	DPM
UCART1	551964.8	4166646	0.00125	3.1	3.1	1.5	ANNUAL	DPM
UCART1	551984.8	4166646	0.00146	2.95	2.95	1.5	ANNUAL	DPM
UCART1	552004.8	4166646	0.00169	2.97	2.97	1.5	ANNUAL	DPM
UCART1	552024.8	4166646	0.00194	2.9	2.9	1.5	ANNUAL	DPM
UCART1	552064.8	4166646	0.00248	2.65	2.65	1.5	ANNUAL	DPM
UCART1	552084.8	4166646	0.00259	3.06	3.06	1.5	ANNUAL	DPM
UCART1	552104.8	4166646	0.00273	2.94	2.94	1.5	ANNUAL	DPM
UCART1	552304.8	4166646	0.00285	2.96	2.96	1.5	ANNUAL	DPM
UCART1	552324.8	4166646	0.0028	2.66	2.66	1.5	ANNUAL	DPM
UCART1	552344.8	4166646	0.00271	2.79	2.79	1.5	ANNUAL	DPM
UCART1	552404.8	4166646	0.00241	2.44	2.44	1.5	ANNUAL	DPM
UCART1	552424.8	4166646	0.00228	2.43	2.43	1.5	ANNUAL	DPM
UCART1	552444.8	4166646	0.00216	2.42	2.42	1.5	ANNUAL	DPM
UCART1	552464.8	4166646	0.00203	2.79	2.79	1.5	ANNUAL	DPM
UCART1	552504.8	4166646	0.0018	3.5	3.5	1.5	ANNUAL	DPM
UCART1	552524.8	4166646	0.00172	3.18	3.18	1.5	ANNUAL	DPM
UCART1	552544.8	4166646	0.00162	3.32	3.32	1.5	ANNUAL	DPM
UCART1	552564.8	4166646	0.00153	3.55	3.55	1.5	ANNUAL	DPM
UCART1	551804.8	4166666	0.00036	3.48	3.48	1.5	ANNUAL	DPM
UCART1	551844.8	4166666	0.00049	3.53	3.53	1.5	ANNUAL	DPM
UCART1	551864.8	4166666	0.00057	2.91	2.91	1.5	ANNUAL	DPM
UCART1	551884.8	4166666	0.00067	2.92	2.92	1.5	ANNUAL	DPM
UCART1	551904.8	4166666	0.00078	3.22	3.22	1.5	ANNUAL	DPM
UCART1	551924.8	4166666	0.0009	3.42	3.42	1.5	ANNUAL	DPM
UCART1	551944.8	4166666	0.00104	3.36	3.36	1.5	ANNUAL	DPM
UCART1	551964.8	4166666	0.0012	3.13	3.13	1.5	ANNUAL	DPM
UCART1	551984.8	4166666	0.00136	3.2	3.2	1.5	ANNUAL	DPM
UCART1	552004.8	4166666	0.00154	3.19	3.19	1.5	ANNUAL	DPM
UCART1	552024.8	4166666	0.00173	3	3	1.5	ANNUAL	DPM
UCART1	552064.8	4166666	0.00216	2.8	2.8	1.5	ANNUAL	DPM
UCART1	552084.8	4166666	0.00222	2.89	2.89	1.5	ANNUAL	DPM
UCART1	552104.8	4166666	0.00229	2.86	2.86	1.5	ANNUAL	DPM
UCART1	552304.8	4166666	0.00238	3.01	3.01	1.5	ANNUAL	DPM
UCART1	552324.8	4166666	0.00235	2.72	2.72	1.5	ANNUAL	DPM
UCART1	552344.8	4166666	0.00229	2.8	2.8	1.5	ANNUAL	DPM
UCART1	552404.8	4166666	0.00208	2.45	2.45	1.5	ANNUAL	DPM
UCART1	552424.8	4166666	0.00197	2.33	2.33	1.5	ANNUAL	DPM

UCART1	552444.8	4166666	0.00187	2.48	2.48	1.5	ANNUAL	DPM
UCART1	552464.8	4166666	0.00177	2.95	2.95	1.5	ANNUAL	DPM
UCART1	552504.8	4166666	0.0016	3.31	3.31	1.5	ANNUAL	DPM
UCART1	552524.8	4166666	0.00153	3.1	3.1	1.5	ANNUAL	DPM
UCART1	552544.8	4166666	0.00145	3.4	3.4	1.5	ANNUAL	DPM
UCART1	552564.8	4166666	0.00138	3.53	3.53	1.5	ANNUAL	DPM
UCART1	551804.8	4166686	0.00037	3.57	3.57	1.5	ANNUAL	DPM
UCART1	551864.8	4166686	0.00058	3	3	1.5	ANNUAL	DPM
UCART1	551884.8	4166686	0.00067	2.91	2.91	1.5	ANNUAL	DPM
UCART1	551904.8	4166686	0.00077	3.08	3.08	1.5	ANNUAL	DPM
UCART1	551924.8	4166686	0.00088	3.22	3.22	1.5	ANNUAL	DPM
UCART1	551944.8	4166686	0.001	3.2	3.2	1.5	ANNUAL	DPM
UCART1	551964.8	4166686	0.00113	3.02	3.02	1.5	ANNUAL	DPM
UCART1	551984.8	4166686	0.00127	2.92	2.92	1.5	ANNUAL	DPM
UCART1	552004.8	4166686	0.0014	2.97	2.97	1.5	ANNUAL	DPM
UCART1	552024.8	4166686	0.00153	2.94	2.94	1.5	ANNUAL	DPM
UCART1	552044.8	4166686	0.00168	2.85	2.85	1.5	ANNUAL	DPM
UCART1	552064.8	4166686	0.0019	2.78	2.78	1.5	ANNUAL	DPM
UCART1	552084.8	4166686	0.00192	2.77	2.77	1.5	ANNUAL	DPM
UCART1	552104.8	4166686	0.00195	2.77	2.77	1.5	ANNUAL	DPM
UCART1	552124.8	4166686	0.00197	3.02	3.02	1.5	ANNUAL	DPM
UCART1	552304.8	4166686	0.00206	2.78	320.02	1.5	ANNUAL	DPM
UCART1	552324.8	4166686	0.00204	2.57	320.02	1.5	ANNUAL	DPM
UCART1	552344.8	4166686	0.002	2.75	320.02	1.5	ANNUAL	DPM
UCART1	552404.8	4166686	0.0018	2.54	320.02	1.5	ANNUAL	DPM
UCART1	552424.8	4166686	0.00171	2.47	320.02	1.5	ANNUAL	DPM
UCART1	552444.8	4166686	0.00163	2.66	320.02	1.5	ANNUAL	DPM
UCART1	552484.8	4166686	0.00148	3.19	320.02	1.5	ANNUAL	DPM
UCART1	552504.8	4166686	0.00142	3.09	320.02	1.5	ANNUAL	DPM
UCART1	552524.8	4166686	0.00136	3.08	320.02	1.5	ANNUAL	DPM
UCART1	552544.8	4166686	0.0013	3.35	320.02	1.5	ANNUAL	DPM
UCART1	552564.8	4166686	0.00125	3.47	320.02	1.5	ANNUAL	DPM
UCART1	551804.8	4166706	0.00038	3.5	3.5	1.5	ANNUAL	DPM
UCART1	551824.8	4166706	0.00044	3.66	3.66	1.5	ANNUAL	DPM
UCART1	551864.8	4166706	0.00058	3.12	3.12	1.5	ANNUAL	DPM
UCART1	551884.8	4166706	0.00067	2.9	2.9	1.5	ANNUAL	DPM
UCART1	551904.8	4166706	0.00076	2.94	2.94	1.5	ANNUAL	DPM
UCART1	551924.8	4166706	0.00085	3.05	3.05	1.5	ANNUAL	DPM
UCART1	551944.8	4166706	0.00095	3.08	3.08	1.5	ANNUAL	DPM
UCART1	551964.8	4166706	0.00106	2.92	2.92	1.5	ANNUAL	DPM
UCART1	551984.8	4166706	0.00116	2.72	2.72	1.5	ANNUAL	DPM
UCART1	552004.8	4166706	0.00126	2.8	2.8	1.5	ANNUAL	DPM
UCART1	552024.8	4166706	0.00136	2.89	2.89	1.5	ANNUAL	DPM
UCART1	552044.8	4166706	0.00148	2.88	2.88	1.5	ANNUAL	DPM

UCART1	552084.8	4166706	0.00168	2.67	320.02	1.5	ANNUAL	DPM
UCART1	552104.8	4166706	0.00168	2.79	320.02	1.5	ANNUAL	DPM
UCART1	552124.8	4166706	0.00169	3	320.02	1.5	ANNUAL	DPM
UCART1	552184.8	4166706	0.00176	2.45	320.02	1.5	ANNUAL	DPM
UCART1	552204.8	4166706	0.00179	2.46	320.02	1.5	ANNUAL	DPM
UCART1	552264.8	4166706	0.0019	2.57	320.02	1.5	ANNUAL	DPM
UCART1	552304.8	4166706	0.00188	2.51	320.02	1.5	ANNUAL	DPM
UCART1	552324.8	4166706	0.00184	2.4	320.02	1.5	ANNUAL	DPM
UCART1	552344.8	4166706	0.00181	2.69	320.02	1.5	ANNUAL	DPM
UCART1	552404.8	4166706	0.00157	2.62	320.02	1.5	ANNUAL	DPM
UCART1	552424.8	4166706	0.00149	2.71	320.02	1.5	ANNUAL	DPM
UCART1	552444.8	4166706	0.00142	2.89	320.02	1.5	ANNUAL	DPM
UCART1	552484.8	4166706	0.00131	2.95	320.02	1.5	ANNUAL	DPM
UCART1	552504.8	4166706	0.00127	2.88	320.02	1.5	ANNUAL	DPM
UCART1	552524.8	4166706	0.00122	3.06	320.02	1.5	ANNUAL	DPM
UCART1	552544.8	4166706	0.00117	3.24	320.02	1.5	ANNUAL	DPM
UCART1	552564.8	4166706	0.00113	3.38	320.02	1.5	ANNUAL	DPM
UCART1	551804.8	4166726	0.00039	3.14	3.14	1.5	ANNUAL	DPM
UCART1	551824.8	4166726	0.00045	3.39	3.39	1.5	ANNUAL	DPM
UCART1	551864.8	4166726	0.00058	3.28	3.28	1.5	ANNUAL	DPM
UCART1	551884.8	4166726	0.00066	2.88	2.88	1.5	ANNUAL	DPM
UCART1	551904.8	4166726	0.00074	2.83	2.83	1.5	ANNUAL	DPM
UCART1	551924.8	4166726	0.00082	2.98	2.98	1.5	ANNUAL	DPM
UCART1	551944.8	4166726	0.0009	3.08	320.02	1.5	ANNUAL	DPM
UCART1	551964.8	4166726	0.00098	2.89	320.02	1.5	ANNUAL	DPM
UCART1	551984.8	4166726	0.00106	2.85	320.02	1.5	ANNUAL	DPM
UCART1	552004.8	4166726	0.00113	2.81	320.02	1.5	ANNUAL	DPM
UCART1	552024.8	4166726	0.00121	2.88	320.02	1.5	ANNUAL	DPM
UCART1	552044.8	4166726	0.0013	2.89	320.02	1.5	ANNUAL	DPM
UCART1	552084.8	4166726	0.00149	2.57	320.02	1.5	ANNUAL	DPM
UCART1	552104.8	4166726	0.00146	3.06	320.02	1.5	ANNUAL	DPM
UCART1	552124.8	4166726	0.00145	3.32	320.02	1.5	ANNUAL	DPM
UCART1	552144.8	4166726	0.00146	3.15	320.02	1.5	ANNUAL	DPM
UCART1	552164.8	4166726	0.00149	2.73	320.02	1.5	ANNUAL	DPM
UCART1	552184.8	4166726	0.00151	2.47	320.02	1.5	ANNUAL	DPM
UCART1	552204.8	4166726	0.00152	2.29	320.02	1.5	ANNUAL	DPM
UCART1	552224.8	4166726	0.00154	2.34	320.02	1.5	ANNUAL	DPM
UCART1	552244.8	4166726	0.00156	2.41	320.02	1.5	ANNUAL	DPM
UCART1	552264.8	4166726	0.00158	2.4	320.02	1.5	ANNUAL	DPM
UCART1	552284.8	4166726	0.00161	2.33	320.02	1.5	ANNUAL	DPM
UCART1	552304.8	4166726	0.00163	2.37	320.02	1.5	ANNUAL	DPM
UCART1	552404.8	4166726	0.00138	2.54	320.02	1.5	ANNUAL	DPM
UCART1	552424.8	4166726	0.0013	3.07	320.02	1.5	ANNUAL	DPM
UCART1	552484.8	4166726	0.00117	2.82	320.02	1.5	ANNUAL	DPM

UCART1	552504.8	4166726	0.00114	2.75	320.02	1.5	ANNUAL	DPM
UCART1	552524.8	4166726	0.0011	2.95	320.02	1.5	ANNUAL	DPM
UCART1	552544.8	4166726	0.00106	3.19	320.02	1.5	ANNUAL	DPM
UCART1	552564.8	4166726	0.00102	3.2	320.02	1.5	ANNUAL	DPM
UCART1	551864.8	4166746	0.00057	3.33	320.02	1.5	ANNUAL	DPM
UCART1	551884.8	4166746	0.00064	2.81	320.02	1.5	ANNUAL	DPM
UCART1	551904.8	4166746	0.00071	2.72	320.02	1.5	ANNUAL	DPM
UCART1	551924.8	4166746	0.00077	2.81	320.02	1.5	ANNUAL	DPM
UCART1	551944.8	4166746	0.00084	2.93	320.02	1.5	ANNUAL	DPM
UCART1	551964.8	4166746	0.0009	2.99	320.02	1.5	ANNUAL	DPM
UCART1	551984.8	4166746	0.00096	2.93	320.02	1.5	ANNUAL	DPM
UCART1	552004.8	4166746	0.00102	2.84	320.02	1.5	ANNUAL	DPM
UCART1	552024.8	4166746	0.00108	2.82	320.02	1.5	ANNUAL	DPM
UCART1	552044.8	4166746	0.00115	2.8	320.02	1.5	ANNUAL	DPM
UCART1	552084.8	4166746	0.00133	2.64	320.02	1.5	ANNUAL	DPM
UCART1	552104.8	4166746	0.00129	3.16	320.02	1.5	ANNUAL	DPM
UCART1	552124.8	4166746	0.00128	3.29	320.02	1.5	ANNUAL	DPM
UCART1	552144.8	4166746	0.00128	3.12	320.02	1.5	ANNUAL	DPM
UCART1	552164.8	4166746	0.00129	2.82	320.02	1.5	ANNUAL	DPM
UCART1	552184.8	4166746	0.0013	2.61	320.02	1.5	ANNUAL	DPM
UCART1	552204.8	4166746	0.00131	2.5	320.02	1.5	ANNUAL	DPM
UCART1	552224.8	4166746	0.00132	2.44	320.02	1.5	ANNUAL	DPM
UCART1	552244.8	4166746	0.00133	2.44	320.02	1.5	ANNUAL	DPM
UCART1	552264.8	4166746	0.00133	2.4	320.02	1.5	ANNUAL	DPM
UCART1	552284.8	4166746	0.00134	2.3	320.02	1.5	ANNUAL	DPM
UCART1	552304.8	4166746	0.00135	2.35	320.02	1.5	ANNUAL	DPM
UCART1	552404.8	4166746	0.00122	2.61	320.02	1.5	ANNUAL	DPM
UCART1	552424.8	4166746	0.00115	3.27	320.02	1.5	ANNUAL	DPM
UCART1	552464.8	4166746	0.00108	2.89	320.02	1.5	ANNUAL	DPM
UCART1	552484.8	4166746	0.00105	2.74	320.02	1.5	ANNUAL	DPM
UCART1	552504.8	4166746	0.00102	2.76	320.02	1.5	ANNUAL	DPM
UCART1	552524.8	4166746	0.00099	3.16	320.02	1.5	ANNUAL	DPM
UCART1	552544.8	4166746	0.00095	3.59	320.02	1.5	ANNUAL	DPM
UCART1	552564.8	4166746	0.00092	3.44	320.02	1.5	ANNUAL	DPM
UCART1	551844.8	4166766	0.0005	3.59	320.02	1.5	ANNUAL	DPM
UCART1	551884.8	4166766	0.00062	2.81	320.02	1.5	ANNUAL	DPM
UCART1	551904.8	4166766	0.00067	2.68	320.02	1.5	ANNUAL	DPM
UCART1	551924.8	4166766	0.00073	2.71	320.02	1.5	ANNUAL	DPM
UCART1	551944.8	4166766	0.00078	2.86	320.02	1.5	ANNUAL	DPM
UCART1	551964.8	4166766	0.00082	3.16	320.02	1.5	ANNUAL	DPM
UCART1	551984.8	4166766	0.00087	2.99	320.02	1.5	ANNUAL	DPM
UCART1	552004.8	4166766	0.00091	2.89	320.02	1.5	ANNUAL	DPM
UCART1	552024.8	4166766	0.00096	2.81	320.02	1.5	ANNUAL	DPM
UCART1	552044.8	4166766	0.00102	2.74	320.02	1.5	ANNUAL	DPM

UCART1	552084.8	4166766	0.00121	2.73	320.02	1.5	ANNUAL	DPM
UCART1	552104.8	4166766	0.00116	3.13	320.02	1.5	ANNUAL	DPM
UCART1	552124.8	4166766	0.00114	3.12	320.02	1.5	ANNUAL	DPM
UCART1	552144.8	4166766	0.00113	3.02	320.02	1.5	ANNUAL	DPM
UCART1	552164.8	4166766	0.00113	2.94	320.02	1.5	ANNUAL	DPM
UCART1	552184.8	4166766	0.00114	2.78	320.02	1.5	ANNUAL	DPM
UCART1	552204.8	4166766	0.00114	2.75	320.02	1.5	ANNUAL	DPM
UCART1	552224.8	4166766	0.00115	2.6	320.02	1.5	ANNUAL	DPM
UCART1	552244.8	4166766	0.00115	2.54	320.02	1.5	ANNUAL	DPM
UCART1	552264.8	4166766	0.00116	2.5	320.02	1.5	ANNUAL	DPM
UCART1	552284.8	4166766	0.00116	2.4	320.02	1.5	ANNUAL	DPM
UCART1	552304.8	4166766	0.00117	2.4	320.02	1.5	ANNUAL	DPM
UCART1	552404.8	4166766	0.00108	2.78	320.02	1.5	ANNUAL	DPM
UCART1	552424.8	4166766	0.00103	3.35	320.02	1.5	ANNUAL	DPM
UCART1	552464.8	4166766	0.00099	2.72	320.02	1.5	ANNUAL	DPM
UCART1	552484.8	4166766	0.00096	2.69	320.02	1.5	ANNUAL	DPM
UCART1	552504.8	4166766	0.00093	2.87	320.02	1.5	ANNUAL	DPM
UCART1	552524.8	4166766	0.00089	3.52	320.02	1.5	ANNUAL	DPM
UCART1	552544.8	4166766	0.00086	4.2	320.02	1.5	ANNUAL	DPM
UCART1	552564.8	4166766	0.00083	3.92	320.02	1.5	ANNUAL	DPM
UCART1	551844.8	4166786	0.00049	3.63	320.02	1.5	ANNUAL	DPM
UCART1	551884.8	4166786	0.00059	3.02	320.02	1.5	ANNUAL	DPM
UCART1	551904.8	4166786	0.00064	2.83	320.02	1.5	ANNUAL	DPM
UCART1	551924.8	4166786	0.00068	2.86	320.02	1.5	ANNUAL	DPM
UCART1	551944.8	4166786	0.00071	3.1	320.02	1.5	ANNUAL	DPM
UCART1	551964.8	4166786	0.00075	3.46	320.02	1.5	ANNUAL	DPM
UCART1	551984.8	4166786	0.00079	2.97	320.02	1.5	ANNUAL	DPM
UCART1	552004.8	4166786	0.00082	3.05	320.02	1.5	ANNUAL	DPM
UCART1	552024.8	4166786	0.00086	2.99	320.02	1.5	ANNUAL	DPM
UCART1	552044.8	4166786	0.00091	2.86	320.02	1.5	ANNUAL	DPM
UCART1	552064.8	4166786	0.00097	2.8	320.02	1.5	ANNUAL	DPM
UCART1	552084.8	4166786	0.00111	2.74	320.02	1.5	ANNUAL	DPM
UCART1	552104.8	4166786	0.00106	2.78	320.02	1.5	ANNUAL	DPM
UCART1	552124.8	4166786	0.00103	2.86	320.02	1.5	ANNUAL	DPM
UCART1	552144.8	4166786	0.00101	2.99	320.02	1.5	ANNUAL	DPM
UCART1	552164.8	4166786	0.001	3.05	320.02	1.5	ANNUAL	DPM
UCART1	552184.8	4166786	0.001	2.9	320.02	1.5	ANNUAL	DPM
UCART1	552204.8	4166786	0.00101	2.54	320.02	1.5	ANNUAL	DPM
UCART1	552224.8	4166786	0.00101	2.51	320.02	1.5	ANNUAL	DPM
UCART1	552244.8	4166786	0.00102	2.59	320.02	1.5	ANNUAL	DPM
UCART1	552264.8	4166786	0.00102	2.68	320.02	1.5	ANNUAL	DPM
UCART1	552284.8	4166786	0.00102	2.69	320.02	1.5	ANNUAL	DPM
UCART1	552304.8	4166786	0.00103	2.52	320.02	1.5	ANNUAL	DPM
UCART1	552464.8	4166786	0.00092	2.63	320.02	1.5	ANNUAL	DPM

UCART1	552484.8	4166786	0.00088	2.82	320.02	1.5	ANNUAL	DPM
UCART1	552504.8	4166786	0.00084	3.25	320.02	1.5	ANNUAL	DPM
UCART1	552524.8	4166786	0.00081	3.55	320.02	1.5	ANNUAL	DPM
UCART1	552544.8	4166786	0.00078	3.91	320.02	1.5	ANNUAL	DPM
UCART1	552564.8	4166786	0.00076	3.77	320.02	1.5	ANNUAL	DPM
UCART1	551844.8	4166806	0.00048	3.63	320.02	1.5	ANNUAL	DPM
UCART1	551884.8	4166806	0.00056	3.38	320.02	1.5	ANNUAL	DPM
UCART1	551904.8	4166806	0.00059	3.23	320.02	1.5	ANNUAL	DPM
UCART1	551924.8	4166806	0.00063	3.22	320.02	1.5	ANNUAL	DPM
UCART1	551944.8	4166806	0.00066	3.32	320.02	1.5	ANNUAL	DPM
UCART1	551964.8	4166806	0.00068	3.37	320.02	1.5	ANNUAL	DPM
UCART1	551984.8	4166806	0.00072	2.91	320.02	1.5	ANNUAL	DPM
UCART1	552004.8	4166806	0.00074	3.01	320.02	1.5	ANNUAL	DPM
UCART1	552024.8	4166806	0.00077	3.02	320.02	1.5	ANNUAL	DPM
UCART1	552044.8	4166806	0.00081	2.93	320.02	1.5	ANNUAL	DPM
UCART1	552064.8	4166806	0.00087	2.83	320.02	1.5	ANNUAL	DPM
UCART1	552104.8	4166806	0.00097	2.82	320.02	1.5	ANNUAL	DPM
UCART1	552124.8	4166806	0.00093	2.95	320.02	1.5	ANNUAL	DPM
UCART1	552144.8	4166806	0.00091	3.08	320.02	1.5	ANNUAL	DPM
UCART1	552164.8	4166806	0.0009	3.12	320.02	1.5	ANNUAL	DPM
UCART1	552184.8	4166806	0.0009	3.01	320.02	1.5	ANNUAL	DPM
UCART1	552204.8	4166806	0.0009	2.5	320.02	1.5	ANNUAL	DPM
UCART1	552224.8	4166806	0.0009	2.52	320.02	1.5	ANNUAL	DPM
UCART1	552244.8	4166806	0.0009	2.61	320.02	1.5	ANNUAL	DPM
UCART1	552264.8	4166806	0.0009	2.7	320.02	1.5	ANNUAL	DPM
UCART1	552284.8	4166806	0.00091	2.73	320.02	1.5	ANNUAL	DPM
UCART1	552304.8	4166806	0.00092	2.53	320.02	1.5	ANNUAL	DPM
UCART1	552404.8	4166806	0.00094	3.47	320.02	1.5	ANNUAL	DPM
UCART1	552424.8	4166806	0.00092	2.98	320.02	1.5	ANNUAL	DPM
UCART1	552464.8	4166806	0.00086	2.52	320.02	1.5	ANNUAL	DPM
UCART1	552484.8	4166806	0.00081	2.74	320.02	1.5	ANNUAL	DPM
UCART1	552504.8	4166806	0.00077	3.17	320.02	1.5	ANNUAL	DPM
UCART1	552524.8	4166806	0.00074	3.32	320.02	1.5	ANNUAL	DPM
UCART1	552544.8	4166806	0.00072	3.59	320.02	1.5	ANNUAL	DPM
UCART1	552564.8	4166806	0.0007	3.52	320.02	1.5	ANNUAL	DPM
UCART1	551844.8	4166826	0.00046	3.59	320.02	1.5	ANNUAL	DPM
UCART1	551884.8	4166826	0.00052	3.73	320.02	1.5	ANNUAL	DPM
UCART1	551904.8	4166826	0.00055	3.69	320.02	1.5	ANNUAL	DPM
UCART1	551924.8	4166826	0.00058	3.63	320.02	1.5	ANNUAL	DPM
UCART1	551944.8	4166826	0.0006	3.52	320.02	1.5	ANNUAL	DPM
UCART1	551964.8	4166826	0.00063	3.21	320.02	1.5	ANNUAL	DPM
UCART1	551984.8	4166826	0.00065	2.87	320.02	1.5	ANNUAL	DPM
UCART1	552004.8	4166826	0.00068	2.91	320.02	1.5	ANNUAL	DPM
UCART1	552024.8	4166826	0.0007	2.99	320.02	1.5	ANNUAL	DPM

UCART1	552044.8	4166826	0.00073	2.96	320.02	1.5	ANNUAL	DPM
UCART1	552064.8	4166826	0.00078	2.85	320.02	1.5	ANNUAL	DPM
UCART1	552104.8	4166826	0.0009	2.99	320.02	1.5	ANNUAL	DPM
UCART1	552124.8	4166826	0.00085	3.15	320.02	1.5	ANNUAL	DPM
UCART1	552144.8	4166826	0.00083	3.18	320.02	1.5	ANNUAL	DPM
UCART1	552164.8	4166826	0.00081	3.15	320.02	1.5	ANNUAL	DPM
UCART1	552184.8	4166826	0.00081	3.11	320.02	1.5	ANNUAL	DPM
UCART1	552204.8	4166826	0.00081	2.58	320.02	1.5	ANNUAL	DPM
UCART1	552224.8	4166826	0.00081	2.58	320.02	1.5	ANNUAL	DPM
UCART1	552244.8	4166826	0.00081	2.59	320.02	1.5	ANNUAL	DPM
UCART1	552264.8	4166826	0.00081	2.61	320.02	1.5	ANNUAL	DPM
UCART1	552284.8	4166826	0.00082	2.62	320.02	1.5	ANNUAL	DPM
UCART1	552304.8	4166826	0.00083	2.45	320.02	1.5	ANNUAL	DPM
UCART1	552404.8	4166826	0.00084	3.92	320.02	1.5	ANNUAL	DPM
UCART1	552424.8	4166826	0.00083	2.91	320.02	1.5	ANNUAL	DPM
UCART1	552464.8	4166826	0.00079	2.42	320.02	1.5	ANNUAL	DPM
UCART1	552484.8	4166826	0.00075	2.5	320.02	1.5	ANNUAL	DPM
UCART1	552504.8	4166826	0.00072	2.71	320.02	1.5	ANNUAL	DPM
UCART1	552524.8	4166826	0.00069	2.86	320.02	1.5	ANNUAL	DPM
UCART1	552544.8	4166826	0.00066	3.25	320.02	1.5	ANNUAL	DPM
UCART1	552564.8	4166826	0.00064	3.18	320.02	1.5	ANNUAL	DPM
UCART1	551844.8	4166846	0.00044	3.44	320.02	1.5	ANNUAL	DPM
UCART1	551864.8	4166846	0.00047	3.53	320.02	1.5	ANNUAL	DPM
UCART1	551904.8	4166846	0.00051	3.96	320.02	1.5	ANNUAL	DPM
UCART1	551924.8	4166846	0.00053	3.9	320.02	1.5	ANNUAL	DPM
UCART1	551944.8	4166846	0.00055	3.68	320.02	1.5	ANNUAL	DPM
UCART1	551964.8	4166846	0.00057	3.42	320.02	1.5	ANNUAL	DPM
UCART1	551984.8	4166846	0.0006	3.02	320.02	1.5	ANNUAL	DPM
UCART1	552004.8	4166846	0.00062	2.92	320.02	1.5	ANNUAL	DPM
UCART1	552024.8	4166846	0.00064	3	320.02	1.5	ANNUAL	DPM
UCART1	552044.8	4166846	0.00066	3.02	320.02	1.5	ANNUAL	DPM
UCART1	552064.8	4166846	0.0007	2.87	320.02	1.5	ANNUAL	DPM
UCART1	552104.8	4166846	0.00084	2.67	320.02	1.5	ANNUAL	DPM
UCART1	552124.8	4166846	0.00079	2.88	320.02	1.5	ANNUAL	DPM
UCART1	552144.8	4166846	0.00076	2.99	320.02	1.5	ANNUAL	DPM
UCART1	552164.8	4166846	0.00074	3.05	320.02	1.5	ANNUAL	DPM
UCART1	552184.8	4166846	0.00073	3.18	320.02	1.5	ANNUAL	DPM
UCART1	552204.8	4166846	0.00073	2.78	320.02	1.5	ANNUAL	DPM
UCART1	552224.8	4166846	0.00073	2.62	320.02	1.5	ANNUAL	DPM
UCART1	552244.8	4166846	0.00073	2.53	320.02	1.5	ANNUAL	DPM
UCART1	552264.8	4166846	0.00074	2.51	320.02	1.5	ANNUAL	DPM
UCART1	552284.8	4166846	0.00074	2.5	320.02	1.5	ANNUAL	DPM
UCART1	552304.8	4166846	0.00076	2.44	320.02	1.5	ANNUAL	DPM
UCART1	552404.8	4166846	0.0008	2.41	320.02	1.5	ANNUAL	DPM

UCART1	552424.8	4166846	0.00077	2.58	320.02	1.5	ANNUAL	DPM
UCART1	552464.8	4166846	0.00073	2.46	320.02	1.5	ANNUAL	DPM
UCART1	552484.8	4166846	0.00069	2.58	320.02	1.5	ANNUAL	DPM
UCART1	552504.8	4166846	0.00066	2.79	320.02	1.5	ANNUAL	DPM
UCART1	552524.8	4166846	0.00063	2.91	320.02	1.5	ANNUAL	DPM
UCART1	552544.8	4166846	0.00061	3.04	320.02	1.5	ANNUAL	DPM
UCART2	551904.6	4166869	0.00047	4.03	320.02	1.5	ANNUAL	DPM
UCART2	551924.6	4166869	0.00049	4.05	320.02	1.5	ANNUAL	DPM
UCART2	551944.6	4166869	0.0005	3.81	320.02	1.5	ANNUAL	DPM
UCART2	551964.6	4166869	0.00052	3.53	320.02	1.5	ANNUAL	DPM
UCART2	551984.6	4166869	0.00054	3.22	320.02	1.5	ANNUAL	DPM
UCART2	552004.6	4166869	0.00056	2.92	320.02	1.5	ANNUAL	DPM
UCART2	552024.6	4166869	0.00057	3.02	320.02	1.5	ANNUAL	DPM
UCART2	552044.6	4166869	0.0006	3.06	320.02	1.5	ANNUAL	DPM
UCART2	552064.6	4166869	0.00063	2.84	320.02	1.5	ANNUAL	DPM
UCART2	552084.6	4166869	0.00066	2.67	320.02	1.5	ANNUAL	DPM
UCART2	552104.6	4166869	0.00079	2.75	320.02	1.5	ANNUAL	DPM
UCART2	552124.6	4166869	0.00073	2.87	320.02	1.5	ANNUAL	DPM
UCART2	552144.6	4166869	0.0007	2.96	320.02	1.5	ANNUAL	DPM
UCART2	552164.6	4166869	0.00067	3.04	320.02	1.5	ANNUAL	DPM
UCART2	552184.6	4166869	0.00066	3.15	320.02	1.5	ANNUAL	DPM
UCART2	552204.6	4166869	0.00066	3.03	320.02	1.5	ANNUAL	DPM
UCART2	552224.6	4166869	0.00066	2.8	320.02	1.5	ANNUAL	DPM
UCART2	552244.6	4166869	0.00066	2.59	320.02	1.5	ANNUAL	DPM
UCART2	552264.6	4166869	0.00066	2.47	320.02	1.5	ANNUAL	DPM
UCART2	552284.6	4166869	0.00067	2.45	320.02	1.5	ANNUAL	DPM
UCART2	552304.6	4166869	0.00069	2.45	320.02	1.5	ANNUAL	DPM
UCART2	552384.6	4166869	0.00072	2.66	320.02	1.5	ANNUAL	DPM
UCART2	552404.6	4166869	0.00073	2.02	320.02	1.5	ANNUAL	DPM
UCART2	552424.6	4166869	0.0007	2.48	320.02	1.5	ANNUAL	DPM
UCART2	552464.6	4166869	0.00067	2.53	320.02	1.5	ANNUAL	DPM
UCART2	552484.6	4166869	0.00063	2.66	320.02	1.5	ANNUAL	DPM
UCART2	552504.6	4166869	0.0006	2.85	320.02	1.5	ANNUAL	DPM
UCART2	552524.6	4166869	0.00058	3.01	320.02	1.5	ANNUAL	DPM
UCART2	552544.6	4166869	0.00056	2.99	320.02	1.5	ANNUAL	DPM
UCART2	551884.6	4166889	0.00043	3.59	356.4	1.5	ANNUAL	DPM
UCART2	551924.6	4166889	0.00045	4.08	320.02	1.5	ANNUAL	DPM
UCART2	551944.6	4166889	0.00046	3.83	320.02	1.5	ANNUAL	DPM
UCART2	551964.6	4166889	0.00048	3.51	320.02	1.5	ANNUAL	DPM
UCART2	551984.6	4166889	0.00049	3.33	320.02	1.5	ANNUAL	DPM
UCART2	552004.6	4166889	0.00051	2.95	320.02	1.5	ANNUAL	DPM
UCART2	552024.6	4166889	0.00053	3.05	320.02	1.5	ANNUAL	DPM
UCART2	552044.6	4166889	0.00054	3.08	320.02	1.5	ANNUAL	DPM
UCART2	552064.6	4166889	0.00057	2.83	320.02	1.5	ANNUAL	DPM

UCART2	552084.6	4166889	0.00063	2.75	320.02	1.5	ANNUAL	DPM
UCART2	552104.6	4166889	0.00076	2.97	320.02	1.5	ANNUAL	DPM
UCART2	552124.6	4166889	0.00069	2.99	320.02	1.5	ANNUAL	DPM
UCART2	552144.6	4166889	0.00065	3.02	320.02	1.5	ANNUAL	DPM
UCART2	552164.6	4166889	0.00063	3.08	320.02	1.5	ANNUAL	DPM
UCART2	552184.6	4166889	0.00061	3.07	320.02	1.5	ANNUAL	DPM
UCART2	552204.6	4166889	0.0006	3.2	320.02	1.5	ANNUAL	DPM
UCART2	552224.6	4166889	0.0006	3.02	320.02	1.5	ANNUAL	DPM
UCART2	552244.6	4166889	0.00061	2.74	320.02	1.5	ANNUAL	DPM
UCART2	552264.6	4166889	0.00061	2.55	320.02	1.5	ANNUAL	DPM
UCART2	552284.6	4166889	0.00062	2.53	320.02	1.5	ANNUAL	DPM
UCART2	552304.6	4166889	0.00064	2.52	320.02	1.5	ANNUAL	DPM
UCART2	552384.6	4166889	0.00073	2.72	320.02	1.5	ANNUAL	DPM
UCART2	552404.6	4166889	0.00068	2.57	320.02	1.5	ANNUAL	DPM
UCART2	552424.6	4166889	0.00066	2.6	320.02	1.5	ANNUAL	DPM
UCART2	552464.6	4166889	0.00063	2.61	320.02	1.5	ANNUAL	DPM
UCART2	552484.6	4166889	0.00059	2.7	320.02	1.5	ANNUAL	DPM
UCART2	552504.6	4166889	0.00056	2.88	320.02	1.5	ANNUAL	DPM
UCART2	552524.6	4166889	0.00054	3.12	320.02	1.5	ANNUAL	DPM
UCART2	551924.6	4166909	0.00042	3.97	356.4	1.5	ANNUAL	DPM
UCART2	551944.6	4166909	0.00043	3.62	356.4	1.5	ANNUAL	DPM
UCART2	551964.6	4166909	0.00044	3.34	356.4	1.5	ANNUAL	DPM
UCART2	551984.6	4166909	0.00046	3.25	356.4	1.5	ANNUAL	DPM
UCART2	552004.6	4166909	0.00047	3.13	345.72	1.5	ANNUAL	DPM
UCART2	552024.6	4166909	0.00048	3.09	320.02	1.5	ANNUAL	DPM
UCART2	552044.6	4166909	0.0005	3.05	320.02	1.5	ANNUAL	DPM
UCART2	552064.6	4166909	0.00052	2.99	320.02	1.5	ANNUAL	DPM
UCART2	552084.6	4166909	0.00057	2.94	320.02	1.5	ANNUAL	DPM
UCART2	552124.6	4166909	0.00065	2.94	320.02	1.5	ANNUAL	DPM
UCART2	552144.6	4166909	0.00061	3.07	320.02	1.5	ANNUAL	DPM
UCART2	552164.6	4166909	0.00058	3.11	320.02	1.5	ANNUAL	DPM
UCART2	552184.6	4166909	0.00057	3.01	320.02	1.5	ANNUAL	DPM
UCART2	552204.6	4166909	0.00056	3.1	320.02	1.5	ANNUAL	DPM
UCART2	552224.6	4166909	0.00056	3.17	320.02	1.5	ANNUAL	DPM
UCART2	552244.6	4166909	0.00056	3.15	320.02	1.5	ANNUAL	DPM
UCART2	552264.6	4166909	0.00056	3.12	320.02	1.5	ANNUAL	DPM
UCART2	552284.6	4166909	0.00057	3.08	320.02	1.5	ANNUAL	DPM
UCART2	552304.6	4166909	0.0006	2.87	320.02	1.5	ANNUAL	DPM
UCART2	552384.6	4166909	0.00068	2.72	320.02	1.5	ANNUAL	DPM
UCART2	552404.6	4166909	0.00063	2.84	320.02	1.5	ANNUAL	DPM
UCART2	552424.6	4166909	0.00061	2.91	320.02	1.5	ANNUAL	DPM
UCART2	552464.6	4166909	0.00059	2.7	320.02	1.5	ANNUAL	DPM
UCART2	552484.6	4166909	0.00055	2.58	320.02	1.5	ANNUAL	DPM
UCART2	552504.6	4166909	0.00052	2.79	320.02	1.5	ANNUAL	DPM

UCART2	552524.6	4166909	0.0005	3.04	320.02	1.5	ANNUAL	DPM
UCART2	551904.6	4166929	0.00038	3.93	356.88	1.5	ANNUAL	DPM
UCART2	551924.6	4166929	0.00039	3.89	356.88	1.5	ANNUAL	DPM
UCART2	551944.6	4166929	0.0004	3.65	356.88	1.5	ANNUAL	DPM
UCART2	551964.6	4166929	0.00041	3.52	356.88	1.5	ANNUAL	DPM
UCART2	551984.6	4166929	0.00042	3.22	356.4	1.5	ANNUAL	DPM
UCART2	552004.6	4166929	0.00043	3.18	356.4	1.5	ANNUAL	DPM
UCART2	552024.6	4166929	0.00045	3.14	356.4	1.5	ANNUAL	DPM
UCART2	552044.6	4166929	0.00046	3.08	356.4	1.5	ANNUAL	DPM
UCART2	552064.6	4166929	0.00048	3.03	356.4	1.5	ANNUAL	DPM
UCART2	552084.6	4166929	0.00052	2.98	320.02	1.5	ANNUAL	DPM
UCART2	552124.6	4166929	0.00063	2.95	320.02	1.5	ANNUAL	DPM
UCART2	552144.6	4166929	0.00058	3.05	320.02	1.5	ANNUAL	DPM
UCART2	552164.6	4166929	0.00055	3.11	320.02	1.5	ANNUAL	DPM
UCART2	552184.6	4166929	0.00053	3.14	320.02	1.5	ANNUAL	DPM
UCART2	552204.6	4166929	0.00052	3.29	320.02	1.5	ANNUAL	DPM
UCART2	552224.6	4166929	0.00051	3.4	320.02	1.5	ANNUAL	DPM
UCART2	552244.6	4166929	0.00051	3.48	320.02	1.5	ANNUAL	DPM
UCART2	552264.6	4166929	0.00052	3.5	320.02	1.5	ANNUAL	DPM
UCART2	552284.6	4166929	0.00053	3.43	320.02	1.5	ANNUAL	DPM
UCART2	552304.6	4166929	0.00056	3.36	320.02	1.5	ANNUAL	DPM
UCART2	552384.6	4166929	0.00063	2.77	320.02	1.5	ANNUAL	DPM
UCART2	552404.6	4166929	0.00059	2.93	320.02	1.5	ANNUAL	DPM
UCART2	552424.6	4166929	0.00057	3	320.02	1.5	ANNUAL	DPM
UCART2	552464.6	4166929	0.00055	2.83	320.02	1.5	ANNUAL	DPM
UCART2	552484.6	4166929	0.00052	2.53	320.02	1.5	ANNUAL	DPM
UCART2	552504.6	4166929	0.00049	2.7	320.02	1.5	ANNUAL	DPM
UCART2	551944.6	4166949	0.00037	3.84	356.88	1.5	ANNUAL	DPM
UCART2	551964.6	4166949	0.00038	3.8	356.88	1.5	ANNUAL	DPM
UCART2	551984.6	4166949	0.00039	3.23	356.88	1.5	ANNUAL	DPM
UCART2	552004.6	4166949	0.0004	3.19	356.88	1.5	ANNUAL	DPM
UCART2	552024.6	4166949	0.00041	3.21	356.88	1.5	ANNUAL	DPM
UCART2	552044.6	4166949	0.00042	3.15	356.4	1.5	ANNUAL	DPM
UCART2	552064.6	4166949	0.00044	3.03	356.4	1.5	ANNUAL	DPM
UCART2	552084.6	4166949	0.00047	2.97	356.4	1.5	ANNUAL	DPM
UCART2	552124.6	4166949	0.00061	2.98	345.72	1.5	ANNUAL	DPM
UCART2	552144.6	4166949	0.00055	3.04	320.02	1.5	ANNUAL	DPM
UCART2	552164.6	4166949	0.00052	3.11	320.02	1.5	ANNUAL	DPM
UCART2	552184.6	4166949	0.0005	3.32	320.02	1.5	ANNUAL	DPM
UCART2	552204.6	4166949	0.00049	3.53	320.02	1.5	ANNUAL	DPM
UCART2	552224.6	4166949	0.00048	3.63	320.02	1.5	ANNUAL	DPM
UCART2	552244.6	4166949	0.00048	3.7	320.02	1.5	ANNUAL	DPM
UCART2	552264.6	4166949	0.00049	3.64	320.02	1.5	ANNUAL	DPM
UCART2	552284.6	4166949	0.0005	3.57	320.02	1.5	ANNUAL	DPM

UCART2	552384.6	4166949	0.00059	2.84	320.02	1.5	ANNUAL	DPM
UCART2	552404.6	4166949	0.00055	2.86	320.02	1.5	ANNUAL	DPM
UCART2	552424.6	4166949	0.00054	2.88	320.02	1.5	ANNUAL	DPM
UCART2	552464.6	4166949	0.00051	3.01	320.02	1.5	ANNUAL	DPM
UCART2	552484.6	4166949	0.00048	2.53	320.02	1.5	ANNUAL	DPM
UCART2	552504.6	4166949	0.00046	2.62	320.02	1.5	ANNUAL	DPM
UCART2	551944.6	4166969	0.00034	4.26	356.88	1.5	ANNUAL	DPM
UCART2	551964.6	4166969	0.00035	3.85	356.88	1.5	ANNUAL	DPM
UCART2	551984.6	4166969	0.00036	3.49	356.88	1.5	ANNUAL	DPM
UCART2	552004.6	4166969	0.00037	3.35	356.88	1.5	ANNUAL	DPM
UCART2	552024.6	4166969	0.00038	3.37	356.88	1.5	ANNUAL	DPM
UCART2	552044.6	4166969	0.00039	3.28	356.88	1.5	ANNUAL	DPM
UCART2	552064.6	4166969	0.00041	3.16	356.88	1.5	ANNUAL	DPM
UCART2	552084.6	4166969	0.00043	3.3	356.88	1.5	ANNUAL	DPM
UCART2	552124.6	4166969	0.00059	3.09	356.4	1.5	ANNUAL	DPM
UCART2	552144.6	4166969	0.00053	3.29	356.4	1.5	ANNUAL	DPM
UCART2	552164.6	4166969	0.00049	3.24	356.4	1.5	ANNUAL	DPM
UCART2	552184.6	4166969	0.00048	2.91	345.72	1.5	ANNUAL	DPM
UCART2	552284.6	4166969	0.00049	2.19	320.02	1.5	ANNUAL	DPM
UCART2	552384.6	4166969	0.00055	3.01	320.02	1.5	ANNUAL	DPM
UCART2	552404.6	4166969	0.00052	3.05	320.02	1.5	ANNUAL	DPM
UCART2	552424.6	4166969	0.0005	3.54	320.02	1.5	ANNUAL	DPM
UCART2	551964.6	4166989	0.00033	4.16	356.88	1.5	ANNUAL	DPM
UCART2	551984.6	4166989	0.00034	3.67	356.88	1.5	ANNUAL	DPM
UCART2	552004.6	4166989	0.00035	3.5	356.88	1.5	ANNUAL	DPM
UCART2	552024.6	4166989	0.00035	3.48	356.88	1.5	ANNUAL	DPM
UCART2	552044.6	4166989	0.00036	3.41	356.88	1.5	ANNUAL	DPM
UCART2	552064.6	4166989	0.00038	3.34	356.88	1.5	ANNUAL	DPM
UCART2	552084.6	4166989	0.0004	3.5	356.88	1.5	ANNUAL	DPM
UCART2	552104.6	4166989	0.00045	3.14	356.88	1.5	ANNUAL	DPM
UCART2	552124.6	4166989	0.00059	3.09	356.88	1.5	ANNUAL	DPM
UCART2	552144.6	4166989	0.00052	2.83	356.88	1.5	ANNUAL	DPM
UCART2	552204.6	4166989	0.00044	2.19	356.4	1.5	ANNUAL	DPM
UCART2	552224.6	4166989	0.00043	3.33	345.72	1.5	ANNUAL	DPM
UCART2	552244.6	4166989	0.00043	3.13	320.02	1.5	ANNUAL	DPM
UCART2	552264.6	4166989	0.00045	2.47	320.02	1.5	ANNUAL	DPM
UCART2	552364.6	4166989	0.00056	3.32	320.02	1.5	ANNUAL	DPM
UCART2	552384.6	4166989	0.00052	2.74	320.02	1.5	ANNUAL	DPM
UCART2	552404.6	4166989	0.00049	3.08	320.02	1.5	ANNUAL	DPM
UCART2	552424.6	4166989	0.00047	3.48	320.02	1.5	ANNUAL	DPM
UCART2	551964.6	4167009	0.00031	4.62	356.88	1.5	ANNUAL	DPM
UCART2	551984.6	4167009	0.00032	3.8	356.88	1.5	ANNUAL	DPM
UCART2	552004.6	4167009	0.00032	3.64	356.88	1.5	ANNUAL	DPM
UCART2	552024.6	4167009	0.00033	3.55	356.88	1.5	ANNUAL	DPM

UCART2	552044.6	4167009	0.00034	3.54	356.88	1.5	ANNUAL	DPM
UCART2	552064.6	4167009	0.00035	3.56	356.88	1.5	ANNUAL	DPM
UCART2	552084.6	4167009	0.00037	3.58	356.88	1.5	ANNUAL	DPM
UCART2	552104.6	4167009	0.00041	3.57	356.88	1.5	ANNUAL	DPM
UCART2	552184.6	4167009	0.00043	3.64	356.88	1.5	ANNUAL	DPM
UCART2	552204.6	4167009	0.00042	3.57	356.4	1.5	ANNUAL	DPM
UCART2	552224.6	4167009	0.00041	4.03	356.4	1.5	ANNUAL	DPM
UCART2	552244.6	4167009	0.00041	4.2	348.95	1.5	ANNUAL	DPM
UCART2	552264.6	4167009	0.00043	4.36	320.02	1.5	ANNUAL	DPM
UCART2	551984.6	4167029	0.00029	4.15	356.88	1.5	ANNUAL	DPM
UCART2	552004.6	4167029	0.0003	3.82	356.88	1.5	ANNUAL	DPM
UCART2	552024.6	4167029	0.00031	3.55	356.88	1.5	ANNUAL	DPM
UCART2	552044.6	4167029	0.00031	3.58	356.88	1.5	ANNUAL	DPM
UCART2	552064.6	4167029	0.00032	3.56	356.88	1.5	ANNUAL	DPM
UCART2	552084.6	4167029	0.00034	2.77	356.88	1.5	ANNUAL	DPM
UCART2	552144.6	4167029	0.00049	3.29	356.88	1.5	ANNUAL	DPM
UCART2	552164.6	4167029	0.00045	3.03	356.88	1.5	ANNUAL	DPM
UCART2	552184.6	4167029	0.00041	3.98	356.88	1.5	ANNUAL	DPM
UCART2	552204.6	4167029	0.0004	3.96	356.88	1.5	ANNUAL	DPM
UCART2	552224.6	4167029	0.0004	3.93	356.88	1.5	ANNUAL	DPM
UCART2	552244.6	4167029	0.0004	4.07	356.4	1.5	ANNUAL	DPM
UCART2	551984.6	4167049	0.00028	4.63	356.88	1.5	ANNUAL	DPM
UCART2	552004.6	4167049	0.00028	3.92	356.88	1.5	ANNUAL	DPM
UCART2	552024.6	4167049	0.00029	3.36	356.88	1.5	ANNUAL	DPM
UCART2	552044.6	4167049	0.00029	3.04	356.88	1.5	ANNUAL	DPM
UCART2	552064.6	4167049	0.0003	2.79	356.88	1.5	ANNUAL	DPM
UCART2	552144.6	4167049	0.00049	3.84	356.88	1.5	ANNUAL	DPM
UCART2	552164.6	4167049	0.00044	3.61	356.88	1.5	ANNUAL	DPM
UCART2	552184.6	4167049	0.0004	4.13	356.88	1.5	ANNUAL	DPM
UCART2	552204.6	4167049	0.00039	4.14	356.88	1.5	ANNUAL	DPM
UCART2	552224.6	4167049	0.00039	3.85	356.88	1.5	ANNUAL	DPM

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Z	Averagin Pe	Source Gro
UCART1	552064.8	4166026	0.00451	4.6	4.6	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166026	0.00479	4.06	4.06	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166026	0.00507	3.76	3.76	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166026	0.00534	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166026	0.00558	3.84	3.84	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166026	0.00583	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166026	0.00603	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166026	0.00626	3.16	3.16	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166026	0.00649	3	3	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166026	0.0067	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166026	0.00689	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166026	0.0071	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166026	0.00739	2.98	2.98	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166026	0.00782	3.02	3.02	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166026	0.00854	2.88	2.88	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166026	0.00981	2.63	2.63	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166046	0.00584	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166046	0.00616	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166046	0.00644	3.73	3.73	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166046	0.00673	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166046	0.00698	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166046	0.00716	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166046	0.00729	3.46	3.46	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166046	0.00745	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166046	0.00761	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166046	0.00775	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166046	0.00788	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166046	0.00804	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166046	0.00837	3.03	3.03	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166046	0.00893	2.68	2.68	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166046	0.00987	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166046	0.01166	2.37	2.37	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166066	0.00544	4.58	4.58	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166066	0.00567	4.32	4.32	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166066	0.00588	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166066	0.00615	4.1	4.1	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166066	0.00649	3.84	3.84	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166066	0.00692	3.7	3.7	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166066	0.00736	3.7	3.7	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166066	0.00782	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166066	0.00815	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166066	0.00836	3.76	3.76	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166066	0.00858	3.7	3.7	1.5	ANNUAL	PM25_26

UCART1	552144.8	4166066	0.00877	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166066	0.00882	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166066	0.00886	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166066	0.0089	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166066	0.00891	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166066	0.00893	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166066	0.00895	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166066	0.00905	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166066	0.00942	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166066	0.01011	2.56	2.56	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166066	0.01132	2.3	2.3	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166066	0.01383	2.29	2.29	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166086	0.00644	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166086	0.00679	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166086	0.00721	4.65	4.65	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166086	0.00792	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166086	0.00883	3.82	3.82	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166086	0.00965	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166086	0.01026	3.65	3.65	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166086	0.01075	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166086	0.01097	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166086	0.011	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166086	0.01105	3.73	3.73	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166086	0.01107	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166086	0.01094	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166086	0.0108	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166086	0.01059	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166086	0.01037	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166086	0.0102	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166086	0.0101	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166086	0.01012	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166086	0.01058	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166086	0.01141	2.59	2.59	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166086	0.013	2.38	2.38	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166086	0.01622	2.34	2.34	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166086	0.03099	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166086	0.02644	3	3	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166086	0.02332	2.42	2.42	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166086	0.02091	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166086	0.01911	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166086	0.01774	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166106	0.00662	4.88	4.88	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166106	0.00724	4.68	4.68	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166106	0.00786	4.62	4.62	1.5	ANNUAL	PM25_26

UCART1	551944.8	4166106	0.00846	4.94	4.94	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166106	0.0095	5.06	5.06	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166106	0.01119	4.8	4.8	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166106	0.01304	4.16	4.16	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166106	0.0143	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166106	0.01486	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166106	0.01507	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166106	0.01492	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166106	0.01477	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166106	0.0145	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166106	0.01411	3.82	3.82	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166106	0.01364	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166106	0.01309	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166106	0.01251	2.54	2.54	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166106	0.01201	2.4	2.4	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166106	0.01165	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166106	0.01145	2.61	2.61	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166106	0.0114	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166106	0.01189	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166106	0.0129	2.78	2.78	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166106	0.0149	2.59	2.59	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166106	0.01878	2.47	2.47	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166106	0.03273	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166106	0.02833	2.84	2.84	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166106	0.0252	2.61	2.61	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166106	0.02281	2.68	2.68	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166106	0.02094	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166106	0.01942	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166126	0.00679	4.78	4.78	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166126	0.00796	4.77	4.77	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166126	0.00909	4.62	4.62	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166126	0.01024	4.62	4.62	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166126	0.01194	5	5	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166126	0.01498	5.31	5.31	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166126	0.01832	5.06	5.06	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166126	0.02081	4.41	4.41	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166126	0.02205	3.8	3.8	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166126	0.02216	3.46	3.46	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166126	0.02173	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166126	0.02095	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166126	0.02033	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166126	0.01942	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166126	0.01814	3.92	3.92	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166126	0.0168	3.71	3.71	1.5	ANNUAL	PM25_26

UCART1	552184.8	4166126	0.01559	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166126	0.01448	2.4	2.4	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166126	0.01367	2.26	2.26	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166126	0.01313	2.26	2.26	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166126	0.01286	2.35	2.35	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166126	0.01289	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166126	0.01348	2.78	2.78	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166126	0.01475	2.71	2.71	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166126	0.01717	2.58	2.58	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166126	0.02165	2.58	2.58	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166126	0.03477	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166126	0.03036	2.77	2.77	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166126	0.02712	2.74	2.74	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166126	0.02467	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166126	0.02267	2.75	2.75	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166126	0.021	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166146	0.00627	4.84	4.84	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166146	0.00771	4.67	4.67	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166146	0.00983	4.62	4.62	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166146	0.01256	4.54	4.54	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166146	0.01598	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166146	0.02424	4.83	4.83	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166146	0.03029	5.39	5.39	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166146	0.03356	5.1	5.1	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166146	0.03519	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166146	0.03576	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166146	0.0351	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166146	0.03333	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166146	0.03137	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166146	0.02931	3.6	3.6	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166146	0.02626	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166146	0.02292	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166146	0.02013	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166146	0.01821	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166146	0.01654	2.61	2.61	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166146	0.01543	2.65	2.65	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166146	0.01478	2.6	2.6	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166146	0.0145	2.45	2.45	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166146	0.01472	2.45	2.45	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166146	0.01553	2.53	2.53	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166146	0.0172	2.38	2.38	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166146	0.02009	2.35	2.35	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166146	0.02502	2.69	2.69	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166146	0.03716	2.64	2.64	1.5	ANNUAL	PM25_26

UCART1	552484.8	4166146	0.03254	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166146	0.02912	2.81	2.81	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166146	0.02643	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166146	0.02428	2.87	2.87	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166146	0.0225	2.77	2.77	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166166	0.00559	4.89	4.89	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166166	0.0068	4.93	4.93	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166166	0.00862	4.86	4.86	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166166	0.01198	4.75	4.75	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166166	0.05891	4.38	4.38	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166166	0.07217	4.46	4.46	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166166	0.06369	4.25	4.25	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166166	0.06854	3.97	3.97	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166166	0.06926	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166166	0.06533	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166166	0.05953	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166166	0.05309	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166166	0.04305	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166166	0.0344	3.3	3.3	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166166	0.02822	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166166	0.02385	3.09	3.09	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166166	0.02085	2.82	2.82	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166166	0.01868	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166166	0.01733	2.98	2.98	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166166	0.01663	2.97	2.97	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166166	0.01653	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166166	0.01706	2.62	2.62	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166166	0.0183	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166166	0.02059	2.68	2.68	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166166	0.02393	2.59	2.59	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166166	0.0291	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166166	0.04621	2.78	2.78	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166166	0.03971	2.15	2.15	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166166	0.03492	2.39	2.39	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166166	0.03111	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166166	0.02818	3.05	3.05	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166166	0.02585	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166166	0.02391	2.84	2.84	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166186	0.0049	4.79	4.79	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166186	0.00587	4.87	4.87	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166186	0.0073	4.91	4.91	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166186	0.00958	4.81	4.81	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166186	0.01418	4.68	4.68	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166186	0.06266	4.43	4.43	1.5	ANNUAL	PM25_26

UCART1	551944.8	4166186	0.05749	4.41	4.41	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166186	0.05827	4.15	4.15	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166186	0.06083	3.85	3.85	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166186	0.06436	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166186	0.06892	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166186	0.06714	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166186	0.07727	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166186	0.05376	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166186	0.04083	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166186	0.03267	3.02	3.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166186	0.02712	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166186	0.02337	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166186	0.0209	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166186	0.0195	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166186	0.01899	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166186	0.01934	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166186	0.02066	2.43	2.43	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166186	0.02285	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166186	0.02567	2.5	2.5	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166186	0.02926	2.51	2.51	1.5	ANNUAL	PM25_26
UCART1	552364.8	4166186	0.03435	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166186	0.03323	2.75	2.75	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166186	0.03009	2.74	2.74	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166186	0.02745	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166186	0.02525	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166206	0.00505	4.8	4.8	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166206	0.0061	4.89	4.89	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166206	0.00774	4.78	4.78	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166206	0.01058	4.57	4.57	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166206	0.01627	4.46	4.46	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166206	0.06284	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166206	0.05022	4.84	4.84	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166206	0.04574	4.36	4.36	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166206	0.04418	3.85	3.85	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166206	0.04418	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166206	0.04555	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166206	0.04947	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166206	0.07033	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166206	0.05419	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166206	0.04319	3.26	3.26	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166206	0.03542	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166206	0.02962	3.61	3.61	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166206	0.0258	3.27	3.27	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166206	0.02339	3.16	3.16	1.5	ANNUAL	PM25_26

UCART1	552224.8	4166206	0.02237	3.07	3.07	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166206	0.02258	3.03	3.03	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166206	0.02419	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166206	0.05234	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166206	0.045	2.12	2.12	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166206	0.03192	1.62	1.62	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166206	0.02909	2.52	2.52	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166206	0.02652	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166226	0.00519	4.64	4.64	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166226	0.00639	4.4	4.4	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166226	0.00829	4.18	4.18	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166226	0.01151	4.27	4.27	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166226	0.04526	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166226	0.0496	4.66	4.66	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166226	0.04291	4.32	4.32	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166226	0.03958	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166226	0.03836	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166226	0.03949	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166226	0.04554	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166226	0.06494	3.69	3.69	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166226	0.05212	3.77	3.77	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166226	0.04375	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166226	0.03763	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166226	0.03267	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166226	0.02899	3.3	3.3	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166226	0.05507	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166226	0.03732	2.68	2.68	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166226	0.03365	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166226	0.02786	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166246	0.00531	4.53	4.53	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166246	0.00665	4.09	4.09	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166246	0.00875	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166246	0.01192	4.17	4.17	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166246	0.01732	4.33	4.33	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166246	0.02835	4.45	4.45	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166246	0.03283	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166246	0.04991	4.58	4.58	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166246	0.04198	4.41	4.41	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166246	0.03799	4.19	4.19	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166246	0.03658	4.1	4.1	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166246	0.03816	3.97	3.97	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166246	0.04636	3.76	3.76	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166246	0.04939	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166246	0.06295	3.73	3.73	1.5	ANNUAL	PM25_26

UCART1	552104.8	4166246	0.05198	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166246	0.04509	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166246	0.04063	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166246	0.03742	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166246	0.03811	2.05	2.05	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166246	0.05038	2.49	2.49	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166246	0.05626	3.16	3.16	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166246	0.05645	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166246	0.05467	3.27	3.27	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166246	0.05309	3.17	3.17	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166246	0.05247	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166246	0.06878	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166246	0.05784	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166246	0.04978	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166246	0.04378	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166246	0.0389	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166246	0.03492	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166246	0.0318	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166266	0.00543	4.46	4.46	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166266	0.00685	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166266	0.00894	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166266	0.01184	4.26	4.26	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166266	0.01687	4.33	4.33	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166266	0.02724	4.42	4.42	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166266	0.05039	4.6	4.6	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166266	0.04194	4.67	4.67	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166266	0.03781	4.56	4.56	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166266	0.03664	4.43	4.43	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166266	0.03869	4.25	4.25	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166266	0.04784	3.92	3.92	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166266	0.06266	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166266	0.06408	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166266	0.05407	3.62	3.62	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166266	0.04819	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166266	0.04557	2.87	2.87	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166266	0.05804	2.78	2.78	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166266	0.14744	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166266	0.10811	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166266	0.09044	3.3	3.3	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166266	0.07885	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166266	0.07057	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166266	0.06506	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166266	0.06193	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166266	0.07266	3.27	3.27	1.5	ANNUAL	PM25_26

UCART1	552444.8	4166266	0.06097	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166266	0.05235	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166266	0.04598	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166266	0.04066	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166266	0.03626	3.62	3.62	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166266	0.03269	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166266	0.02963	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166286	0.00555	4.36	4.36	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166286	0.00692	4.11	4.11	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166286	0.00878	4.23	4.23	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166286	0.01159	4.11	4.11	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166286	0.0161	4.18	4.18	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166286	0.02493	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166286	0.0543	4.49	4.49	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166286	0.04486	4.29	4.29	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166286	0.03984	4.28	4.28	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166286	0.03815	4.41	4.41	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166286	0.04026	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166286	0.05015	3.93	3.93	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166286	0.08299	3.56	3.56	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166286	0.06628	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166286	0.05752	3.49	3.49	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166286	0.05415	2.81	2.81	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166286	0.08351	2.55	2.55	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166286	0.22675	3.21	3.21	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166286	0.28247	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166286	0.18519	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166286	0.13325	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166286	0.10528	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166286	0.0886	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166286	0.07832	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166286	0.07229	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166286	0.07617	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166286	0.06385	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166286	0.05478	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166286	0.04796	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166286	0.04222	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166286	0.03746	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166286	0.03354	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166286	0.03027	3.65	3.65	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166306	0.00389	5.27	5.27	1.5	ANNUAL	PM25_26
UCART1	551784.8	4166306	0.00462	4.78	4.78	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166306	0.0056	4.32	4.32	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166306	0.00688	4.26	4.26	1.5	ANNUAL	PM25_26

UCART1	551844.8	4166306	0.00855	4.48	4.48	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166306	0.01121	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166306	0.0151	4	4	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166306	0.02176	4.2	4.2	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166306	0.03307	4.34	4.34	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166306	0.06436	4.36	4.36	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166306	0.04988	4.09	4.09	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166306	0.043	4.13	4.13	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166306	0.04036	4.36	4.36	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166306	0.04236	4.29	4.29	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166306	0.05226	3.95	3.95	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166306	0.06676	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166306	0.0715	3.11	3.11	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166306	0.11692	3.31	3.31	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166306	0.26995	3.33	3.33	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166306	0.3232	3.61	3.61	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166306	0.35268	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166306	0.25089	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166306	0.17129	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166306	0.13082	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166306	0.10662	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166306	0.0918	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166306	0.08287	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166306	0.07925	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166306	0.0665	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166306	0.05699	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166306	0.04966	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166306	0.04349	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166306	0.03844	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166306	0.03427	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166306	0.03083	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166326	0.00397	4.79	4.79	1.5	ANNUAL	PM25_26
UCART1	551784.8	4166326	0.00468	4.51	4.51	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166326	0.0056	4.35	4.35	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166326	0.00677	4.39	4.39	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166326	0.00835	4.3	4.3	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166326	0.01076	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166326	0.01399	3.77	3.77	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166326	0.01901	4.09	4.09	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166326	0.02856	4.26	4.26	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166326	0.05598	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166326	0.04666	4.31	4.31	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166326	0.04302	4.29	4.29	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166326	0.04461	4.19	4.19	1.5	ANNUAL	PM25_26

UCART1	552044.8	4166326	0.05384	4.03	4.03	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166326	0.05863	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166326	0.09157	2.72	2.72	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166326	0.19763	2.98	2.98	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166326	0.30994	3.29	3.29	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166326	0.35957	3.47	3.47	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166326	0.35687	4.02	4.02	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166326	0.38527	3.64	3.64	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166326	0.30806	3.27	3.27	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166326	0.20338	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166326	0.15235	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166326	0.12287	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166326	0.10445	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166326	0.09287	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166326	0.08215	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166326	0.06908	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166326	0.05906	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166326	0.05113	3.03	3.03	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166326	0.04449	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166326	0.03923	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166326	0.03491	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166326	0.03127	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166346	0.00399	4.79	4.79	1.5	ANNUAL	PM25_26
UCART1	551784.8	4166346	0.00468	4.59	4.59	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166346	0.00549	5.05	5.05	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166346	0.00647	5.62	5.62	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166346	0.0079	5.2	5.2	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166346	0.00993	4.5	4.5	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166346	0.0128	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166346	0.01684	4.08	4.08	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166346	0.0236	4.28	4.28	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166346	0.03104	4.17	4.17	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166346	0.06544	4.15	4.15	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166346	0.05137	4.34	4.34	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166346	0.04593	4.32	4.32	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166346	0.04645	4.18	4.18	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166346	0.05527	4.03	4.03	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166346	0.10426	2.83	2.83	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166346	0.15603	2.89	2.89	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166346	0.26353	3.13	3.13	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166346	0.33771	3.24	3.24	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166346	0.38919	3.2	3.2	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166346	0.41139	3.38	3.38	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166346	0.40501	3.78	3.78	1.5	ANNUAL	PM25_26

Term131S	552224.8	4166346	0.41662	3.6	3.6	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166346	0.35995	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166346	0.23413	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166346	0.17128	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166346	0.13664	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166346	0.11537	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166346	0.10171	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166346	0.08417	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166346	0.07066	3.15	3.15	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166346	0.06032	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166346	0.05206	2.81	2.81	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166346	0.04505	3.3	3.3	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166346	0.03967	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166346	0.03521	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166346	0.03152	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166366	0.00399	4.82	4.82	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166366	0.00538	5.3	5.3	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166366	0.00625	6.04	6.04	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166366	0.00756	5.49	5.49	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166366	0.0093	4.89	4.89	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166366	0.01183	4.05	4.05	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166366	0.01519	4.02	4.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166366	0.02037	4.2	4.2	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166366	0.03049	4.1	4.1	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166366	0.05762	4.23	4.23	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166366	0.04956	4.26	4.26	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166366	0.04845	4.13	4.13	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166366	0.05575	3.98	3.98	1.5	ANNUAL	PM25_26
Term131S	552064.8	4166366	0.09292	3.93	3.93	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166366	0.22475	3.53	3.53	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166366	0.29601	3.46	3.46	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166366	0.34901	3.4	3.4	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166366	0.39576	3.26	3.26	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166366	0.43367	3.08	3.08	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166366	0.44897	3.2	3.2	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166366	0.45106	3.39	3.39	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166366	0.44342	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166366	0.40878	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166366	0.2648	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166366	0.18933	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166366	0.14858	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166366	0.12446	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166366	0.109	3.15	3.15	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166366	0.08513	3.33	3.33	1.5	ANNUAL	PM25_26

UCART1	552444.8	4166366	0.07124	3.17	3.17	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166366	0.06075	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166366	0.05239	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166366	0.04519	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166366	0.03978	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166366	0.03523	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166366	0.03157	3.68	3.68	1.5	ANNUAL	PM25_26
UCART1	551764.8	4166386	0.00397	4.81	4.81	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166386	0.00535	4.48	4.48	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166386	0.00625	4.53	4.53	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166386	0.00746	4.19	4.19	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166386	0.00906	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166386	0.01111	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166386	0.01396	3.78	3.78	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166386	0.01821	3.86	3.86	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166386	0.02537	3.97	3.97	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166386	0.03737	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166386	0.06696	3.84	3.84	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166386	0.0545	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166386	0.05126	3.96	3.96	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166386	0.05749	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166386	0.087	3.91	3.91	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166386	0.23705	3.46	3.46	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166386	0.32688	3.3	3.3	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166386	0.38523	3.17	3.17	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166386	0.42742	3.04	3.04	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166386	0.45802	2.93	2.93	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166386	0.47301	3.02	3.02	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166386	0.47242	3.26	3.26	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166386	0.46094	3.45	3.45	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166386	0.43653	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166386	0.29425	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166386	0.20728	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166386	0.15917	3.6	3.6	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166386	0.13164	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166386	0.11433	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166386	0.08519	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166386	0.07113	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166386	0.06045	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166386	0.05204	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166386	0.04498	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166386	0.03941	3.76	3.76	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166386	0.03493	4.08	4.08	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166386	0.03142	3.93	3.93	1.5	ANNUAL	PM25_26

UCART1	551764.8	4166406	0.00394	4.89	4.89	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166406	0.00522	4.43	4.43	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166406	0.00606	4.46	4.46	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166406	0.00714	4.25	4.25	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166406	0.00862	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166406	0.01039	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166406	0.01289	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166406	0.01647	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166406	0.02198	3.93	3.93	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166406	0.03261	3.95	3.95	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166406	0.06055	3.79	3.79	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166406	0.05495	3.82	3.82	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166406	0.05998	3.78	3.78	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166406	0.08463	3.79	3.79	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166406	0.22232	3.45	3.45	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166406	0.33319	3.19	3.19	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166406	0.39521	3.05	3.05	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166406	0.43714	2.95	2.95	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166406	0.46766	2.86	2.86	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166406	0.48467	2.92	2.92	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166406	0.48414	3.19	3.19	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166406	0.47045	3.45	3.45	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166406	0.45275	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166406	0.32384	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166406	0.22417	3.45	3.45	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166406	0.16824	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166406	0.13674	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166406	0.11745	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166406	0.08408	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166406	0.07011	2.99	2.99	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166406	0.05955	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166406	0.05134	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166406	0.04448	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166406	0.03895	3.93	3.93	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166406	0.03462	4.17	4.17	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166406	0.03116	4.07	4.07	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166426	0.0051	4.47	4.47	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166426	0.00587	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166426	0.00684	4.45	4.45	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166426	0.0082	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166426	0.00978	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166426	0.01201	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166426	0.01512	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166426	0.01961	3.87	3.87	1.5	ANNUAL	PM25_26

UCART1	551964.8	4166426	0.02746	3.92	3.92	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166426	0.06689	3.69	3.69	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166426	0.05886	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166426	0.06207	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166426	0.08165	3.68	3.68	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166426	0.19387	3.46	3.46	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166426	0.32663	3.13	3.13	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166426	0.39411	3.01	3.01	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166426	0.43683	2.96	2.96	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166426	0.46926	2.86	2.86	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166426	0.48868	2.88	2.88	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166426	0.48868	3.17	3.17	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166426	0.47439	3.47	3.47	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166426	0.46052	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166426	0.35342	3.27	3.27	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166426	0.23804	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166426	0.17454	3.56	3.56	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166426	0.13894	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166426	0.11764	3.07	3.07	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166426	0.08196	2.98	2.98	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166426	0.06834	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166426	0.05819	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166426	0.05034	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166426	0.04371	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166426	0.03837	3.92	3.92	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166426	0.03425	3.99	3.99	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166426	0.03078	4.12	4.12	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166446	0.00576	4.03	4.03	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166446	0.00668	3.96	8.39	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166446	0.00788	3.65	8.39	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166446	0.00937	3.6	8.39	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166446	0.01136	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166446	0.01408	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166446	0.01799	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166446	0.02432	3.87	3.87	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166446	0.03795	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166446	0.06258	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166446	0.0633	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166446	0.07787	3.82	3.82	1.5	ANNUAL	PM25_26
Term131S	552084.8	4166446	0.15543	3.47	3.47	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166446	0.30498	3.21	3.21	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166446	0.37795	3.22	3.22	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166446	0.42081	3.25	3.25	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166446	0.45692	3.12	3.12	1.5	ANNUAL	PM25_26

Term131S	552184.8	4166446	0.48495	2.94	2.94	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166446	0.48541	3.22	3.22	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166446	0.47287	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166446	0.45869	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166446	0.37906	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166446	0.24672	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166446	0.17627	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166446	0.1372	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166446	0.11462	3.09	3.09	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166446	0.07869	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166446	0.06601	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166446	0.05656	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166446	0.04908	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166446	0.04264	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166446	0.03765	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166446	0.03365	3.86	3.86	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166446	0.0303	4.01	4.01	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166466	0.00558	4.37	4.37	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166466	0.00636	4.91	8.39	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166466	0.00728	5.72	8.39	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166466	0.00864	5.25	8.39	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166466	0.01063	4.08	8.39	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166466	0.01327	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166466	0.01677	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166466	0.02221	3.83	3.83	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166466	0.03256	3.75	3.75	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166466	0.06677	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166466	0.0645	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166466	0.07569	3.73	3.73	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166466	0.11791	3.65	3.65	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166466	0.27563	3.36	3.36	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166466	0.36076	3.34	3.34	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166466	0.40733	3.38	3.38	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166466	0.44424	3.27	3.27	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166466	0.4768	3	3	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166466	0.48035	3.18	3.18	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166466	0.47061	3.42	3.42	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166466	0.45102	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552264.8	4166466	0.39939	3.43	3.43	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166466	0.24662	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166466	0.17127	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166466	0.13094	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166466	0.10827	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166466	0.07528	3.25	3.25	1.5	ANNUAL	PM25_26

UCART1	552444.8	4166466	0.06338	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166466	0.05451	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166466	0.04746	2.81	2.81	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166466	0.04138	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166466	0.03669	3.61	3.61	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166466	0.03289	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166486	0.0054	4.93	4.93	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166486	0.00606	6.14	8.39	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166486	0.00669	8.08	8.08	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166486	0.00799	7.1	7.1	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166486	0.01004	4.75	7.05	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166486	0.01268	3.32	7.05	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166486	0.0159	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166486	0.02073	3.78	3.78	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166486	0.02923	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166486	0.0721	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166486	0.06585	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166486	0.07371	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166486	0.10301	3.86	3.86	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166486	0.24794	3.54	3.54	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166486	0.34408	3.39	3.39	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166486	0.39578	3.4	3.4	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166486	0.42914	3.37	3.37	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166486	0.46198	3.06	3.06	1.5	ANNUAL	PM25_26
Term131S	552204.8	4166486	0.46665	3.06	3.06	1.5	ANNUAL	PM25_26
Term131S	552224.8	4166486	0.42045	3.27	3.27	1.5	ANNUAL	PM25_26
Term131S	552244.8	4166486	0.40036	3.4	3.4	1.5	ANNUAL	PM25_26
Term131S	552264.8	4166486	0.37499	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166486	0.2349	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166486	0.15812	3.56	3.56	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166486	0.11885	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166486	0.09912	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166486	0.07174	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166486	0.06041	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166486	0.05205	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166486	0.04554	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166486	0.03999	3.23	3.23	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166486	0.03554	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166486	0.03197	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166506	0.00531	4.76	4.76	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166506	0.00598	5.64	5.64	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166506	0.00671	7	7	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166506	0.00811	5.3	8.39	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166506	0.0099	4.02	7.05	1.5	ANNUAL	PM25_26

UCART1	551924.8	4166506	0.01222	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166506	0.01533	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166506	0.01979	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166506	0.02712	3.49	3.49	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166506	0.04188	3.46	3.46	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166506	0.07699	3.56	3.56	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166506	0.06694	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166506	0.0718	3.47	3.47	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166506	0.09636	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166506	0.23034	3.49	3.49	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166506	0.32656	3.41	3.41	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166506	0.38196	3.37	3.37	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166506	0.41094	3.37	3.37	1.5	ANNUAL	PM25_26
Term131S	552184.8	4166506	0.42871	3.18	3.18	1.5	ANNUAL	PM25_26
Term131S	552264.8	4166506	0.28127	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166506	0.1975	3.34	3.34	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166506	0.13126	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166506	0.10262	3.35	3.35	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166506	0.08911	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166506	0.06775	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166506	0.05725	3.17	3.17	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166506	0.04952	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166506	0.04349	2.84	2.84	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166506	0.03834	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166506	0.03416	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166506	0.03077	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166526	0.00523	4.47	4.47	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166526	0.00591	5.15	5.15	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166526	0.00673	5.83	5.83	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166526	0.00805	4.58	4.58	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166526	0.0097	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166526	0.01187	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166526	0.01482	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166526	0.01894	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166526	0.02541	3.52	3.52	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166526	0.03754	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166526	0.06783	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166526	0.06908	3.61	3.61	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166526	0.08519	3.47	3.47	1.5	ANNUAL	PM25_26
Term131S	552104.8	4166526	0.1971	3.5	3.5	1.5	ANNUAL	PM25_26
Term131S	552124.8	4166526	0.30092	3.41	3.41	1.5	ANNUAL	PM25_26
Term131S	552144.8	4166526	0.34269	3.34	3.34	1.5	ANNUAL	PM25_26
Term131S	552164.8	4166526	0.34708	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166526	0.12095	3.31	3.31	1.5	ANNUAL	PM25_26

UCART1	552304.8	4166526	0.10001	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166526	0.08604	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166526	0.07944	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166526	0.06322	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166526	0.05385	3	3	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166526	0.04685	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166526	0.04132	2.73	2.73	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166526	0.0366	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166526	0.03269	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166526	0.02679	4.08	4.08	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166546	0.00518	4.12	4.12	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166546	0.00586	4.64	4.64	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166546	0.00676	4.64	4.64	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166546	0.00791	4.55	4.55	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166546	0.00949	4.09	4.09	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166546	0.01157	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166546	0.01432	3.63	3.63	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166546	0.01815	3.65	3.65	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166546	0.02388	3.72	3.72	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166546	0.03413	3.74	3.74	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166546	0.06876	3.8	3.8	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166546	0.06599	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166546	0.07479	3.71	3.71	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166546	0.08491	3.25	3.25	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166546	0.07687	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166546	0.07197	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166546	0.07153	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166546	0.05873	2.82	2.82	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166546	0.05051	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166546	0.04423	2.63	2.63	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166546	0.03918	2.56	2.56	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166546	0.0349	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166546	0.03118	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166546	0.02577	3.87	3.87	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166566	0.00514	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166566	0.00587	3.85	3.85	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166566	0.00675	4.08	4.08	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166566	0.00788	4.2	4.2	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166566	0.0094	3.87	3.87	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166566	0.01138	3.62	3.62	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166566	0.01396	3.6	3.6	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166566	0.01752	3.59	3.59	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166566	0.0227	3.69	3.69	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166566	0.03161	3.64	3.64	1.5	ANNUAL	PM25_26

UCART1	552044.8	4166566	0.07072	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166566	0.0653	3.33	3.33	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166566	0.06821	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166566	0.06344	3.09	3.09	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166566	0.06171	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166566	0.06594	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166566	0.05452	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166566	0.04723	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166566	0.04163	2.62	2.62	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166566	0.03703	2.61	2.61	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166566	0.033	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166566	0.02692	3.81	3.81	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166566	0.02463	3.9	3.9	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166586	0.00588	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166586	0.00676	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166586	0.00787	3.82	3.82	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166586	0.00933	3.67	3.67	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166586	0.0112	3.54	3.54	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166586	0.01364	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166586	0.01697	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166586	0.0217	3.51	3.51	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166586	0.02951	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166586	0.03834	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166586	0.07312	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166586	0.06389	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166586	0.0605	3.09	3.09	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166586	0.05942	3.24	3.24	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166586	0.0555	3	3	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166586	0.05555	2.83	2.83	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166586	0.06111	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166586	0.05106	2.73	2.73	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166586	0.04445	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166586	0.03932	2.62	2.62	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166586	0.03502	2.73	2.73	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166586	0.0312	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166586	0.02564	3.86	3.86	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166586	0.02349	3.93	3.93	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166606	0.00444	4.01	4.01	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166606	0.00587	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166606	0.00676	3.38	3.38	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166606	0.00788	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166606	0.00926	3.49	3.49	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166606	0.01102	3.49	3.49	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166606	0.01333	3.36	3.36	1.5	ANNUAL	PM25_26

UCART1	551964.8	4166606	0.01648	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166606	0.0208	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166606	0.02767	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166606	0.04134	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166606	0.05901	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166606	0.06182	3.26	3.26	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166606	0.05498	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166606	0.05201	3.23	3.23	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166606	0.05086	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166606	0.05191	2.71	2.71	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166606	0.0559	2.74	2.74	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166606	0.05658	2.47	2.47	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166606	0.04839	2.54	2.54	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166606	0.04221	2.55	2.55	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166606	0.03732	2.58	2.58	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166606	0.03316	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166606	0.02683	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166606	0.02441	3.86	3.86	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166606	0.02244	3.88	3.88	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166626	0.00443	4.01	4.01	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166626	0.00587	3.04	3.04	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166626	0.00677	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166626	0.00786	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166626	0.00918	3.29	3.29	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166626	0.01082	3.44	3.44	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166626	0.01296	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166626	0.01586	3.11	3.11	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166626	0.01984	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166626	0.02576	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166626	0.03666	2.93	2.93	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166626	0.06177	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166626	0.05256	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166626	0.04798	3.07	3.07	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166626	0.04808	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166626	0.04997	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166626	0.05314	2.76	2.76	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166626	0.05394	2.45	2.45	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166626	0.04622	2.48	2.48	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166626	0.04031	2.46	2.46	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166626	0.03549	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166626	0.03141	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166626	0.02559	3.37	3.37	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166626	0.02335	3.58	3.58	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166626	0.02149	3.71	3.71	1.5	ANNUAL	PM25_26

UCART1	551804.8	4166646	0.00445	3.84	3.84	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166646	0.00585	3.16	3.16	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166646	0.00675	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166646	0.00781	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166646	0.00907	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166646	0.0106	3.41	3.41	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166646	0.01257	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166646	0.01522	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166646	0.01874	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166646	0.0238	2.97	2.97	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166646	0.03267	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166646	0.06231	2.65	2.65	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166646	0.05141	3.06	3.06	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166646	0.04553	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166646	0.04708	2.96	2.96	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166646	0.04978	2.66	2.66	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166646	0.0524	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166646	0.05213	2.44	2.44	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166646	0.04454	2.43	2.43	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166646	0.03862	2.42	2.42	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166646	0.03375	2.79	2.79	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166646	0.02674	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166646	0.02444	3.18	3.18	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166646	0.0224	3.32	3.32	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166646	0.02067	3.55	3.55	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166666	0.00448	3.48	3.48	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166666	0.00579	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166666	0.00671	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166666	0.00773	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166666	0.00891	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166666	0.01034	3.42	3.42	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166666	0.01216	3.36	3.36	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166666	0.01452	3.13	3.13	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166666	0.0175	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166666	0.02178	3.19	3.19	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166666	0.02917	3	3	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166666	0.06329	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166666	0.05114	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166666	0.0441	2.86	2.86	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166666	0.04855	3.01	3.01	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166666	0.05188	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166666	0.05285	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166666	0.05091	2.45	2.45	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166666	0.04308	2.33	2.33	1.5	ANNUAL	PM25_26

UCART1	552444.8	4166666	0.03692	2.48	2.48	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166666	0.03203	2.95	2.95	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166666	0.02556	3.31	3.31	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166666	0.02343	3.1	3.1	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166666	0.02153	3.4	3.4	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166666	0.01998	3.53	3.53	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166686	0.00448	3.57	3.57	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166686	0.00664	3	3	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166686	0.00763	2.91	2.91	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166686	0.00875	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166686	0.01009	3.22	3.22	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166686	0.01174	3.2	3.2	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166686	0.01382	3.02	3.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166686	0.01649	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166686	0.02019	2.97	2.97	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166686	0.02633	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166686	0.03661	2.85	2.85	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166686	0.06566	2.78	2.78	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166686	0.05155	2.77	2.77	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166686	0.04348	2.77	2.77	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166686	0.03839	3.02	3.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166686	0.05537	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166686	0.05827	2.57	320.02	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166686	0.06037	2.75	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166686	0.04951	2.54	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166686	0.04124	2.47	320.02	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166686	0.0351	2.66	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166686	0.02709	3.19	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166686	0.02461	3.09	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166686	0.02264	3.08	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166686	0.02094	3.35	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166686	0.01952	3.47	320.02	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166706	0.00449	3.5	3.5	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166706	0.00504	3.66	3.66	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166706	0.00654	3.12	3.12	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166706	0.00749	2.9	2.9	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166706	0.00855	2.94	2.94	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166706	0.00979	3.05	3.05	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166706	0.01125	3.08	3.08	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166706	0.01308	2.92	2.92	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166706	0.01547	2.72	2.72	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166706	0.0187	2.8	2.8	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166706	0.0239	2.89	2.89	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166706	0.0353	2.88	2.88	1.5	ANNUAL	PM25_26

UCART1	552084.8	4166706	0.05255	2.67	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166706	0.04332	2.79	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166706	0.03756	3	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166706	0.03485	2.45	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166706	0.03939	2.46	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166706	0.07081	2.57	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166706	0.07577	2.51	320.02	1.5	ANNUAL	PM25_26
UCART1	552324.8	4166706	0.07401	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552344.8	4166706	0.07497	2.69	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166706	0.04735	2.62	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166706	0.0391	2.71	320.02	1.5	ANNUAL	PM25_26
UCART1	552444.8	4166706	0.03331	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166706	0.02623	2.95	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166706	0.02402	2.88	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166706	0.02218	3.06	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166706	0.02063	3.24	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166706	0.01927	3.38	320.02	1.5	ANNUAL	PM25_26
UCART1	551804.8	4166726	0.0045	3.14	3.14	1.5	ANNUAL	PM25_26
UCART1	551824.8	4166726	0.00504	3.39	3.39	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166726	0.00642	3.28	3.28	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166726	0.00732	2.88	2.88	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166726	0.00831	2.83	2.83	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166726	0.00942	2.98	2.98	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166726	0.0107	3.08	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166726	0.01233	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166726	0.01438	2.85	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166726	0.01727	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166726	0.0218	2.88	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166726	0.03094	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166726	0.05408	2.57	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166726	0.04329	3.06	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166726	0.03684	3.32	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166726	0.03336	3.15	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166726	0.03193	2.73	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166726	0.03202	2.47	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166726	0.0338	2.29	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166726	0.0375	2.34	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166726	0.04321	2.41	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166726	0.05096	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166726	0.06195	2.33	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166726	0.06927	2.37	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166726	0.04463	2.54	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166726	0.03672	3.07	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166726	0.02584	2.82	320.02	1.5	ANNUAL	PM25_26

UCART1	552504.8	4166726	0.02393	2.75	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166726	0.02217	2.95	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166726	0.02057	3.19	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166726	0.01917	3.2	320.02	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166746	0.00629	3.33	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166746	0.00713	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166746	0.00803	2.72	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166746	0.00903	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166746	0.01017	2.93	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166746	0.01157	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166746	0.0134	2.93	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166746	0.01599	2.84	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166746	0.02001	2.82	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166746	0.02763	2.8	320.02	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166746	0.05591	2.64	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166746	0.04387	3.16	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166746	0.03683	3.29	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166746	0.03279	3.12	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166746	0.03063	2.82	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166746	0.0298	2.61	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166746	0.0301	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166746	0.03143	2.44	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166746	0.03367	2.44	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166746	0.03672	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166746	0.04094	2.3	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166746	0.04681	2.35	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166746	0.04104	2.61	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166746	0.03446	3.27	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166746	0.02833	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166746	0.02639	2.74	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166746	0.02445	2.76	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166746	0.02241	3.16	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166746	0.02055	3.59	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166746	0.01905	3.44	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166766	0.00549	3.59	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166766	0.0069	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166766	0.00771	2.68	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166766	0.00861	2.71	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166766	0.00963	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166766	0.01084	3.16	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166766	0.01252	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166766	0.01485	2.89	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166766	0.01843	2.81	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166766	0.02494	2.74	320.02	1.5	ANNUAL	PM25_26

UCART1	552084.8	4166766	0.05835	2.73	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166766	0.04498	3.13	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166766	0.03731	3.12	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166766	0.03258	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166766	0.02969	2.94	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166766	0.02819	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166766	0.02761	2.75	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166766	0.02793	2.6	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166766	0.02894	2.54	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166766	0.03061	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166766	0.03316	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166766	0.03709	2.4	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166766	0.03826	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166766	0.03402	3.35	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166766	0.03076	2.72	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166766	0.0282	2.69	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166766	0.02543	2.87	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166766	0.02278	3.52	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166766	0.02055	4.2	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166766	0.01892	3.92	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166786	0.00536	3.63	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166786	0.00663	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166786	0.00735	2.83	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166786	0.00815	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166786	0.00906	3.1	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166786	0.01014	3.46	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166786	0.01174	2.97	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166786	0.01379	3.05	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166786	0.01696	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166786	0.02257	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166786	0.03242	2.8	320.02	1.5	ANNUAL	PM25_26
UCART1	552084.8	4166786	0.06178	2.74	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166786	0.04689	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166786	0.03817	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166786	0.03258	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166786	0.02909	3.05	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166786	0.0271	2.9	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166786	0.0262	2.54	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166786	0.02587	2.51	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166786	0.02618	2.59	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166786	0.02711	2.68	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166786	0.02888	2.69	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166786	0.03249	2.52	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166786	0.03635	2.63	320.02	1.5	ANNUAL	PM25_26

UCART1	552484.8	4166786	0.03076	2.82	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166786	0.0265	3.25	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166786	0.02334	3.55	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166786	0.02086	3.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166786	0.01898	3.77	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166806	0.00522	3.63	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166806	0.00632	3.38	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166806	0.00696	3.23	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166806	0.00768	3.22	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166806	0.00852	3.32	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166806	0.00957	3.37	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166806	0.01105	2.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166806	0.01292	3.01	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166806	0.01574	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166806	0.0206	2.93	320.02	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166806	0.03138	2.83	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166806	0.04862	2.82	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166806	0.03891	2.95	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166806	0.03272	3.08	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166806	0.0288	3.12	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166806	0.0264	3.01	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166806	0.02521	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166806	0.02449	2.52	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166806	0.02442	2.61	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166806	0.025	2.7	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166806	0.02653	2.73	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166806	0.03031	2.53	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166806	0.0524	3.47	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166806	0.0482	2.98	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166806	0.04095	2.52	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166806	0.03292	2.74	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166806	0.02757	3.17	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166806	0.02392	3.32	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166806	0.02114	3.59	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166806	0.01905	3.52	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166826	0.00507	3.59	320.02	1.5	ANNUAL	PM25_26
UCART1	551884.8	4166826	0.00601	3.73	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166826	0.00657	3.69	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166826	0.00723	3.63	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166826	0.00802	3.52	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166826	0.00905	3.21	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166826	0.0104	2.87	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166826	0.01215	2.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166826	0.0147	2.99	320.02	1.5	ANNUAL	PM25_26

UCART1	552044.8	4166826	0.01893	2.96	320.02	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166826	0.02767	2.85	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166826	0.05051	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166826	0.03975	3.15	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166826	0.03307	3.18	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166826	0.02877	3.15	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166826	0.02599	3.11	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166826	0.02452	2.58	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166826	0.02355	2.58	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166826	0.02327	2.59	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166826	0.02372	2.61	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166826	0.02527	2.62	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166826	0.02936	2.45	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166826	0.04695	3.92	320.02	1.5	ANNUAL	PM25_26
UCART1	552424.8	4166826	0.04367	2.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166826	0.04074	2.42	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166826	0.03341	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166826	0.02809	2.71	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166826	0.02423	2.86	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166826	0.02124	3.25	320.02	1.5	ANNUAL	PM25_26
UCART1	552564.8	4166826	0.01904	3.18	320.02	1.5	ANNUAL	PM25_26
UCART1	551844.8	4166846	0.0049	3.44	320.02	1.5	ANNUAL	PM25_26
UCART1	551864.8	4166846	0.00531	3.53	320.02	1.5	ANNUAL	PM25_26
UCART1	551904.8	4166846	0.00623	3.96	320.02	1.5	ANNUAL	PM25_26
UCART1	551924.8	4166846	0.00682	3.9	320.02	1.5	ANNUAL	PM25_26
UCART1	551944.8	4166846	0.00756	3.68	320.02	1.5	ANNUAL	PM25_26
UCART1	551964.8	4166846	0.0085	3.42	320.02	1.5	ANNUAL	PM25_26
UCART1	551984.8	4166846	0.00977	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	552004.8	4166846	0.01143	2.92	320.02	1.5	ANNUAL	PM25_26
UCART1	552024.8	4166846	0.01375	3	320.02	1.5	ANNUAL	PM25_26
UCART1	552044.8	4166846	0.01747	3.02	320.02	1.5	ANNUAL	PM25_26
UCART1	552064.8	4166846	0.02479	2.87	320.02	1.5	ANNUAL	PM25_26
UCART1	552104.8	4166846	0.05343	2.67	320.02	1.5	ANNUAL	PM25_26
UCART1	552124.8	4166846	0.04139	2.88	320.02	1.5	ANNUAL	PM25_26
UCART1	552144.8	4166846	0.0339	2.99	320.02	1.5	ANNUAL	PM25_26
UCART1	552164.8	4166846	0.02905	3.05	320.02	1.5	ANNUAL	PM25_26
UCART1	552184.8	4166846	0.02582	3.18	320.02	1.5	ANNUAL	PM25_26
UCART1	552204.8	4166846	0.02403	2.78	320.02	1.5	ANNUAL	PM25_26
UCART1	552224.8	4166846	0.02294	2.62	320.02	1.5	ANNUAL	PM25_26
UCART1	552244.8	4166846	0.02254	2.53	320.02	1.5	ANNUAL	PM25_26
UCART1	552264.8	4166846	0.02295	2.51	320.02	1.5	ANNUAL	PM25_26
UCART1	552284.8	4166846	0.02462	2.5	320.02	1.5	ANNUAL	PM25_26
UCART1	552304.8	4166846	0.02903	2.44	320.02	1.5	ANNUAL	PM25_26
UCART1	552404.8	4166846	0.04697	2.41	320.02	1.5	ANNUAL	PM25_26

UCART1	552424.8	4166846	0.04271	2.58	320.02	1.5	ANNUAL	PM25_26
UCART1	552464.8	4166846	0.03999	2.46	320.02	1.5	ANNUAL	PM25_26
UCART1	552484.8	4166846	0.03294	2.58	320.02	1.5	ANNUAL	PM25_26
UCART1	552504.8	4166846	0.02779	2.79	320.02	1.5	ANNUAL	PM25_26
UCART1	552524.8	4166846	0.02399	2.91	320.02	1.5	ANNUAL	PM25_26
UCART1	552544.8	4166846	0.02108	3.04	320.02	1.5	ANNUAL	PM25_26
UCART2	551904.6	4166869	0.00587	4.03	320.02	1.5	ANNUAL	PM25_26
UCART2	551924.6	4166869	0.0064	4.05	320.02	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166869	0.00708	3.81	320.02	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166869	0.00795	3.53	320.02	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166869	0.00909	3.22	320.02	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166869	0.01066	2.92	320.02	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166869	0.01275	3.02	320.02	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166869	0.016	3.06	320.02	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166869	0.0221	2.84	320.02	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166869	0.02806	2.67	320.02	1.5	ANNUAL	PM25_26
UCART2	552104.6	4166869	0.05708	2.75	320.02	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166869	0.04335	2.87	320.02	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166869	0.035	2.96	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166869	0.02956	3.04	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166869	0.02596	3.15	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166869	0.02374	3.03	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166869	0.02249	2.8	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166869	0.02204	2.59	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166869	0.02247	2.47	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166869	0.02428	2.45	320.02	1.5	ANNUAL	PM25_26
UCART2	552304.6	4166869	0.02914	2.45	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166869	0.04217	2.66	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166869	0.04593	2.02	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166869	0.04187	2.48	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166869	0.03926	2.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166869	0.03231	2.66	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166869	0.02727	2.85	320.02	1.5	ANNUAL	PM25_26
UCART2	552524.6	4166869	0.02353	3.01	320.02	1.5	ANNUAL	PM25_26
UCART2	552544.6	4166869	0.02071	2.99	320.02	1.5	ANNUAL	PM25_26
UCART2	551884.6	4166889	0.0052	3.59	356.4	1.5	ANNUAL	PM25_26
UCART2	551924.6	4166889	0.00608	4.08	320.02	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166889	0.00671	3.83	320.02	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166889	0.00753	3.51	320.02	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166889	0.00857	3.33	320.02	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166889	0.01003	2.95	320.02	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166889	0.01197	3.05	320.02	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166889	0.01491	3.08	320.02	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166889	0.02022	2.83	320.02	1.5	ANNUAL	PM25_26

UCART2	552084.6	4166889	0.03287	2.75	320.02	1.5	ANNUAL	PM25_26
UCART2	552104.6	4166889	0.06107	2.97	320.02	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166889	0.04513	2.99	320.02	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166889	0.03604	3.02	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166889	0.03012	3.08	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166889	0.02626	3.07	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166889	0.02368	3.2	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166889	0.02228	3.02	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166889	0.0218	2.74	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166889	0.02229	2.55	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166889	0.02425	2.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552304.6	4166889	0.02968	2.52	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166889	0.05323	2.72	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166889	0.04447	2.57	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166889	0.04107	2.6	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166889	0.03848	2.61	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166889	0.03167	2.7	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166889	0.0267	2.88	320.02	1.5	ANNUAL	PM25_26
UCART2	552524.6	4166889	0.02299	3.12	320.02	1.5	ANNUAL	PM25_26
UCART2	551924.6	4166909	0.00578	3.97	356.4	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166909	0.00639	3.62	356.4	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166909	0.00715	3.34	356.4	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166909	0.00812	3.25	356.4	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166909	0.00942	3.13	345.72	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166909	0.01124	3.09	320.02	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166909	0.01396	3.05	320.02	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166909	0.01851	2.99	320.02	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166909	0.02839	2.94	320.02	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166909	0.04741	2.94	320.02	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166909	0.03728	3.07	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166909	0.03085	3.11	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166909	0.02671	3.01	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166909	0.02393	3.1	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166909	0.02229	3.17	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166909	0.02165	3.15	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166909	0.02209	3.12	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166909	0.02419	3.08	320.02	1.5	ANNUAL	PM25_26
UCART2	552304.6	4166909	0.03033	2.87	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166909	0.0518	2.72	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166909	0.04314	2.84	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166909	0.03994	2.91	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166909	0.03762	2.7	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166909	0.03106	2.58	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166909	0.02615	2.79	320.02	1.5	ANNUAL	PM25_26

UCART2	552524.6	4166909	0.02248	3.04	320.02	1.5	ANNUAL	PM25_26
UCART2	551904.6	4166929	0.00508	3.93	356.88	1.5	ANNUAL	PM25_26
UCART2	551924.6	4166929	0.00551	3.89	356.88	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166929	0.00607	3.65	356.88	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166929	0.00676	3.52	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166929	0.00768	3.22	356.4	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166929	0.00887	3.18	356.4	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166929	0.01055	3.14	356.4	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166929	0.01304	3.08	356.4	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166929	0.0171	3.03	356.4	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166929	0.0252	2.98	320.02	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166929	0.04991	2.95	320.02	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166929	0.03879	3.05	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166929	0.03176	3.11	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166929	0.02719	3.14	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166929	0.02418	3.29	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166929	0.02242	3.4	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166929	0.02172	3.48	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166929	0.02219	3.5	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166929	0.02452	3.43	320.02	1.5	ANNUAL	PM25_26
UCART2	552304.6	4166929	0.03134	3.36	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166929	0.04952	2.77	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166929	0.04152	2.93	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166929	0.03877	3	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166929	0.03665	2.83	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166929	0.03034	2.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166929	0.02554	2.7	320.02	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166949	0.00575	3.84	356.88	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166949	0.00638	3.8	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166949	0.00726	3.23	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166949	0.00836	3.19	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166949	0.00989	3.21	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166949	0.01217	3.15	356.4	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166949	0.01585	3.03	356.4	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166949	0.02272	2.97	356.4	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166949	0.05279	2.98	345.72	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166949	0.0405	3.04	320.02	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166949	0.03284	3.11	320.02	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166949	0.02778	3.32	320.02	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166949	0.02454	3.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166949	0.0227	3.63	320.02	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166949	0.02202	3.7	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166949	0.02269	3.64	320.02	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166949	0.02543	3.57	320.02	1.5	ANNUAL	PM25_26

UCART2	552384.6	4166949	0.0468	2.84	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166949	0.03978	2.86	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166949	0.03765	2.88	320.02	1.5	ANNUAL	PM25_26
UCART2	552464.6	4166949	0.03559	3.01	320.02	1.5	ANNUAL	PM25_26
UCART2	552484.6	4166949	0.02954	2.53	320.02	1.5	ANNUAL	PM25_26
UCART2	552504.6	4166949	0.02489	2.62	320.02	1.5	ANNUAL	PM25_26
UCART2	551944.6	4166969	0.00544	4.26	356.88	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166969	0.00606	3.85	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166969	0.00684	3.49	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166969	0.00785	3.35	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166969	0.00924	3.37	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166969	0.01131	3.28	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166969	0.01463	3.16	356.88	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166969	0.02044	3.3	356.88	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166969	0.05621	3.09	356.4	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166969	0.04212	3.29	356.4	1.5	ANNUAL	PM25_26
UCART2	552164.6	4166969	0.03397	3.24	356.4	1.5	ANNUAL	PM25_26
UCART2	552184.6	4166969	0.02896	2.91	345.72	1.5	ANNUAL	PM25_26
UCART2	552284.6	4166969	0.0281	2.19	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166969	0.0441	3.01	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166969	0.03783	3.05	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166969	0.03592	3.54	320.02	1.5	ANNUAL	PM25_26
UCART2	551964.6	4166989	0.00573	4.16	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4166989	0.00646	3.67	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4166989	0.00738	3.5	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4166989	0.00863	3.48	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4166989	0.01049	3.41	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4166989	0.01345	3.34	356.88	1.5	ANNUAL	PM25_26
UCART2	552084.6	4166989	0.01855	3.5	356.88	1.5	ANNUAL	PM25_26
UCART2	552104.6	4166989	0.03098	3.14	356.88	1.5	ANNUAL	PM25_26
UCART2	552124.6	4166989	0.0609	3.09	356.88	1.5	ANNUAL	PM25_26
UCART2	552144.6	4166989	0.04496	2.83	356.88	1.5	ANNUAL	PM25_26
UCART2	552204.6	4166989	0.02675	2.19	356.4	1.5	ANNUAL	PM25_26
UCART2	552224.6	4166989	0.02428	3.33	345.72	1.5	ANNUAL	PM25_26
UCART2	552244.6	4166989	0.02409	3.13	320.02	1.5	ANNUAL	PM25_26
UCART2	552264.6	4166989	0.02611	2.47	320.02	1.5	ANNUAL	PM25_26
UCART2	552364.6	4166989	0.05162	3.32	320.02	1.5	ANNUAL	PM25_26
UCART2	552384.6	4166989	0.04197	2.74	320.02	1.5	ANNUAL	PM25_26
UCART2	552404.6	4166989	0.03607	3.08	320.02	1.5	ANNUAL	PM25_26
UCART2	552424.6	4166989	0.03475	3.48	320.02	1.5	ANNUAL	PM25_26
UCART2	551964.6	4167009	0.00539	4.62	356.88	1.5	ANNUAL	PM25_26
UCART2	551984.6	4167009	0.0061	3.8	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4167009	0.00694	3.64	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4167009	0.00808	3.55	356.88	1.5	ANNUAL	PM25_26

UCART2	552044.6	4167009	0.00971	3.54	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4167009	0.01229	3.56	356.88	1.5	ANNUAL	PM25_26
UCART2	552084.6	4167009	0.01683	3.58	356.88	1.5	ANNUAL	PM25_26
UCART2	552104.6	4167009	0.02666	3.57	356.88	1.5	ANNUAL	PM25_26
UCART2	552184.6	4167009	0.03056	3.64	356.88	1.5	ANNUAL	PM25_26
UCART2	552204.6	4167009	0.02704	3.57	356.4	1.5	ANNUAL	PM25_26
UCART2	552224.6	4167009	0.02503	4.03	356.4	1.5	ANNUAL	PM25_26
UCART2	552244.6	4167009	0.02515	4.2	348.95	1.5	ANNUAL	PM25_26
UCART2	552264.6	4167009	0.02849	4.36	320.02	1.5	ANNUAL	PM25_26
UCART2	551984.6	4167029	0.00572	4.15	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4167029	0.0065	3.82	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4167029	0.00756	3.55	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4167029	0.00902	3.58	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4167029	0.01128	3.56	356.88	1.5	ANNUAL	PM25_26
UCART2	552084.6	4167029	0.01561	2.77	356.88	1.5	ANNUAL	PM25_26
UCART2	552144.6	4167029	0.04991	3.29	356.88	1.5	ANNUAL	PM25_26
UCART2	552164.6	4167029	0.03922	3.03	356.88	1.5	ANNUAL	PM25_26
UCART2	552184.6	4167029	0.03176	3.98	356.88	1.5	ANNUAL	PM25_26
UCART2	552204.6	4167029	0.02828	3.96	356.88	1.5	ANNUAL	PM25_26
UCART2	552224.6	4167029	0.02701	3.93	356.88	1.5	ANNUAL	PM25_26
UCART2	552244.6	4167029	0.02825	4.07	356.4	1.5	ANNUAL	PM25_26
UCART2	551984.6	4167049	0.00536	4.63	356.88	1.5	ANNUAL	PM25_26
UCART2	552004.6	4167049	0.0061	3.92	356.88	1.5	ANNUAL	PM25_26
UCART2	552024.6	4167049	0.00708	3.36	356.88	1.5	ANNUAL	PM25_26
UCART2	552044.6	4167049	0.00845	3.04	356.88	1.5	ANNUAL	PM25_26
UCART2	552064.6	4167049	0.01054	2.79	356.88	1.5	ANNUAL	PM25_26
UCART2	552144.6	4167049	0.0532	3.84	356.88	1.5	ANNUAL	PM25_26
UCART2	552164.6	4167049	0.04184	3.61	356.88	1.5	ANNUAL	PM25_26
UCART2	552184.6	4167049	0.03431	4.13	356.88	1.5	ANNUAL	PM25_26
UCART2	552204.6	4167049	0.03069	4.14	356.88	1.5	ANNUAL	PM25_26
UCART2	552224.6	4167049	0.03037	3.85	356.88	1.5	ANNUAL	PM25_26

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Z	Averagin Pe	Source Gro
UCART1	552064.8	4166026	0.0057	4.6	4.6	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166026	0.00619	4.06	4.06	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166026	0.00666	3.76	3.76	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166026	0.0071	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166026	0.00751	3.84	3.84	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166026	0.00793	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166026	0.00826	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166026	0.00859	3.16	3.16	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166026	0.00891	3	3	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166026	0.00919	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166026	0.00945	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166026	0.00974	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166026	0.01015	2.98	2.98	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166026	0.01075	3.02	3.02	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166026	0.01177	2.88	2.88	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166026	0.01361	2.63	2.63	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166046	0.00754	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166046	0.00812	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166046	0.00861	3.73	3.73	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166046	0.00908	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166046	0.0095	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166046	0.00982	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166046	0.01005	3.46	3.46	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166046	0.01029	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166046	0.0105	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166046	0.01067	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166046	0.01082	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166046	0.01103	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166046	0.01146	3.03	3.03	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166046	0.01223	2.68	2.68	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166046	0.01357	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166046	0.01619	2.37	2.37	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166066	0.00667	4.58	4.58	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166066	0.00696	4.32	4.32	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166066	0.00722	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166066	0.0076	4.1	4.1	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166066	0.0081	3.84	3.84	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166066	0.00879	3.7	3.7	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166066	0.00954	3.7	3.7	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166066	0.01033	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166066	0.01095	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166066	0.01136	3.76	3.76	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166066	0.01174	3.7	3.7	1.5	ANNUAL	PM25_27

UCART1	552144.8	4166066	0.01206	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166066	0.0122	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166066	0.0123	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166066	0.01234	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166066	0.01232	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166066	0.01228	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166066	0.01228	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166066	0.01236	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166066	0.01284	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166066	0.01377	2.56	2.56	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166066	0.01549	2.3	2.3	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166066	0.01915	2.29	2.29	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166086	0.00805	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166086	0.00852	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166086	0.0091	4.65	4.65	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166086	0.01011	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166086	0.01144	3.82	3.82	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166086	0.0127	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166086	0.0137	3.65	3.65	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166086	0.01453	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166086	0.01498	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166086	0.01515	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166086	0.01531	3.73	3.73	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166086	0.01538	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166086	0.01524	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166086	0.01507	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166086	0.01474	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166086	0.01435	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166086	0.01401	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166086	0.01379	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166086	0.01374	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166086	0.01432	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166086	0.01542	2.59	2.59	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166086	0.01764	2.38	2.38	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166086	0.0223	2.34	2.34	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166086	0.04285	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166086	0.0355	3	3	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166086	0.03037	2.42	2.42	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166086	0.02643	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166086	0.02349	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166086	0.02126	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166106	0.00844	4.88	4.88	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166106	0.00925	4.68	4.68	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166106	0.01008	4.62	4.62	1.5	ANNUAL	PM25_27

UCART1	551944.8	4166106	0.01091	4.94	4.94	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166106	0.01243	5.06	5.06	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166106	0.01491	4.8	4.8	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166106	0.01764	4.16	4.16	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166106	0.01951	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166106	0.02039	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166106	0.02079	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166106	0.02069	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166106	0.02058	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166106	0.02028	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166106	0.01978	3.82	3.82	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166106	0.01912	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166106	0.01832	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166106	0.01742	2.54	2.54	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166106	0.01658	2.4	2.4	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166106	0.01594	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166106	0.01553	2.61	2.61	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166106	0.01533	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166106	0.01589	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166106	0.01719	2.78	2.78	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166106	0.01992	2.59	2.59	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166106	0.02541	2.47	2.47	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166106	0.04423	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166106	0.03712	2.84	2.84	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166106	0.03203	2.61	2.61	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166106	0.02818	2.68	2.68	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166106	0.0252	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166106	0.02284	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166126	0.00878	4.78	4.78	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166126	0.01041	4.77	4.77	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166126	0.01196	4.62	4.62	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166126	0.01357	4.62	4.62	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166126	0.01604	5	5	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166126	0.0206	5.31	5.31	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166126	0.02557	5.06	5.06	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166126	0.02923	4.41	4.41	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166126	0.03102	3.8	3.8	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166126	0.03117	3.46	3.46	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166126	0.03057	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166126	0.0295	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166126	0.02866	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166126	0.02744	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166126	0.02561	3.92	3.92	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166126	0.02362	3.71	3.71	1.5	ANNUAL	PM25_27

UCART1	552184.8	4166126	0.02182	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166126	0.02011	2.4	2.4	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166126	0.01877	2.26	2.26	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166126	0.01782	2.26	2.26	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166126	0.01725	2.35	2.35	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166126	0.0171	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166126	0.0177	2.78	2.78	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166126	0.01924	2.71	2.71	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166126	0.0224	2.58	2.58	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166126	0.02859	2.58	2.58	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166126	0.04579	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166126	0.03876	2.77	2.77	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166126	0.03363	2.74	2.74	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166126	0.02978	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166126	0.02674	2.75	2.75	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166126	0.02429	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166146	0.00811	4.84	4.84	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166146	0.01012	4.67	4.67	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166146	0.01318	4.62	4.62	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166146	0.01714	4.54	4.54	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166146	0.02216	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166146	0.03462	4.83	4.83	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166146	0.04374	5.39	5.39	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166146	0.04857	5.1	5.1	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166146	0.05089	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166146	0.05159	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166146	0.05049	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166146	0.04778	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166146	0.04486	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166146	0.04185	3.6	3.6	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166146	0.03737	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166146	0.03245	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166146	0.02831	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166146	0.02538	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166146	0.02283	2.61	2.61	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166146	0.021	2.65	2.65	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166146	0.0198	2.6	2.6	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166146	0.01913	2.45	2.45	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166146	0.01909	2.45	2.45	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166146	0.01984	2.53	2.53	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166146	0.0217	2.38	2.38	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166146	0.02527	2.35	2.35	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166146	0.03194	2.69	2.69	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166146	0.04766	2.64	2.64	1.5	ANNUAL	PM25_27

UCART1	552484.8	4166146	0.0405	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166146	0.03527	2.81	2.81	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166146	0.03125	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166146	0.02813	2.87	2.87	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166146	0.02561	2.77	2.77	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166166	0.00718	4.89	4.89	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166166	0.00887	4.93	4.93	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166166	0.01148	4.86	4.86	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166166	0.01638	4.75	4.75	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166166	0.08732	4.38	4.38	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166166	0.10736	4.46	4.46	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166166	0.09422	4.25	4.25	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166166	0.10141	3.97	3.97	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166166	0.1023	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166166	0.09617	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166166	0.08725	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166166	0.07739	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166166	0.06214	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166166	0.04908	3.3	3.3	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166166	0.03985	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166166	0.03337	3.09	3.09	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166166	0.02884	2.82	2.82	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166166	0.02552	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166166	0.02326	2.98	2.98	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166166	0.02187	2.97	2.97	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166166	0.02125	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166166	0.0214	2.62	2.62	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166166	0.02243	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166166	0.02476	2.68	2.68	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166166	0.0287	2.59	2.59	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166166	0.03558	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166166	0.05964	2.78	2.78	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166166	0.04966	2.15	2.15	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166166	0.04246	2.39	2.39	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166166	0.03688	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166166	0.03269	3.05	3.05	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166166	0.02945	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166166	0.02682	2.84	2.84	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166186	0.00623	4.79	4.79	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166186	0.00758	4.87	4.87	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166186	0.0096	4.91	4.91	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166186	0.01289	4.81	4.81	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166186	0.01969	4.68	4.68	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166186	0.09313	4.43	4.43	1.5	ANNUAL	PM25_27

UCART1	551944.8	4166186	0.08494	4.41	4.41	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166186	0.08583	4.15	4.15	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166186	0.08948	3.85	3.85	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166186	0.0946	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166186	0.10129	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166186	0.09837	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166186	0.11357	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166186	0.07762	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166186	0.05793	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166186	0.04568	3.02	3.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166186	0.03748	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166186	0.03189	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166186	0.02807	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166186	0.02559	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166186	0.02421	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166186	0.02386	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166186	0.02458	2.43	2.43	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166186	0.0263	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166186	0.02901	2.5	2.5	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166186	0.03313	2.51	2.51	1.5	ANNUAL	PM25_27
UCART1	552364.8	4166186	0.04	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166186	0.03863	2.75	2.75	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166186	0.03431	2.74	2.74	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166186	0.03079	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166186	0.02796	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166206	0.00643	4.8	4.8	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166206	0.0079	4.89	4.89	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166206	0.01024	4.78	4.78	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166206	0.01436	4.57	4.57	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166206	0.02281	4.46	4.46	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166206	0.09329	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166206	0.07369	4.84	4.84	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166206	0.06644	4.36	4.36	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166206	0.06368	3.85	3.85	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166206	0.06332	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166206	0.06506	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166206	0.07073	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166206	0.10209	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166206	0.07723	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166206	0.06032	3.26	3.26	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166206	0.04854	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166206	0.04001	3.61	3.61	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166206	0.03438	3.27	3.27	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166206	0.03052	3.16	3.16	1.5	ANNUAL	PM25_27

UCART1	552224.8	4166206	0.02827	3.07	3.07	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166206	0.02736	3.03	3.03	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166206	0.0279	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166206	0.06438	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166206	0.05377	2.12	2.12	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166206	0.03579	1.62	1.62	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166206	0.03218	2.52	2.52	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166206	0.02901	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166226	0.00662	4.64	4.64	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166226	0.0083	4.4	4.4	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166226	0.01103	4.18	4.18	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166226	0.01574	4.27	4.27	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166226	0.06635	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166226	0.07254	4.66	4.66	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166226	0.06185	4.32	4.32	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166226	0.05626	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166226	0.05394	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166226	0.05521	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166226	0.064	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166226	0.09282	3.69	3.69	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166226	0.07284	3.77	3.77	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166226	0.05962	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166226	0.05	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166226	0.04248	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166226	0.03702	3.3	3.3	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166226	0.06619	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166226	0.0419	2.68	2.68	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166226	0.03721	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166226	0.03016	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166246	0.0068	4.53	4.53	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166246	0.00868	4.09	4.09	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166246	0.01169	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166246	0.01633	4.17	4.17	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166246	0.02431	4.33	4.33	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166246	0.04083	4.45	4.45	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166246	0.04728	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166246	0.07287	4.58	4.58	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166246	0.06018	4.41	4.41	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166246	0.05345	4.19	4.19	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166246	0.0507	4.1	4.1	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166246	0.05251	3.97	3.97	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166246	0.0644	3.76	3.76	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166246	0.0684	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166246	0.08848	3.73	3.73	1.5	ANNUAL	PM25_27

UCART1	552104.8	4166246	0.07104	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166246	0.05966	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166246	0.05187	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166246	0.04605	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166246	0.04043	2.05	2.05	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166246	0.04851	2.49	2.49	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166246	0.05215	3.16	3.16	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166246	0.05197	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166246	0.05072	3.27	3.27	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166246	0.05018	3.17	3.17	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166246	0.05124	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166246	0.08322	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166246	0.06801	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166246	0.05709	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166246	0.0492	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166246	0.04299	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166246	0.03809	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166246	0.03437	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166266	0.00699	4.46	4.46	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166266	0.00898	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166266	0.01198	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166266	0.01619	4.26	4.26	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166266	0.02359	4.33	4.33	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166266	0.03909	4.42	4.42	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166266	0.07347	4.6	4.6	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166266	0.05994	4.67	4.67	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166266	0.05285	4.56	4.56	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166266	0.05023	4.43	4.43	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166266	0.05255	4.25	4.25	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166266	0.06563	3.92	3.92	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166266	0.08731	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166266	0.08855	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166266	0.07208	3.62	3.62	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166266	0.06156	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166266	0.05532	2.87	2.87	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166266	0.05655	2.78	2.78	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166266	0.12134	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166266	0.09135	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166266	0.07764	3.3	3.3	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166266	0.06873	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166266	0.06267	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166266	0.05924	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166266	0.0585	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166266	0.08599	3.27	3.27	1.5	ANNUAL	PM25_27

UCART1	552444.8	4166266	0.07021	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166266	0.05893	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166266	0.05084	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166266	0.04432	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166266	0.0391	3.62	3.62	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166266	0.035	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166266	0.03159	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166286	0.00717	4.36	4.36	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166286	0.00909	4.11	4.11	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166286	0.01174	4.23	4.23	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166286	0.0158	4.11	4.11	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166286	0.0224	4.18	4.18	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166286	0.03552	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166286	0.07934	4.49	4.49	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166286	0.06416	4.29	4.29	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166286	0.05557	4.28	4.28	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166286	0.05191	4.41	4.41	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166286	0.05399	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166286	0.06785	3.93	3.93	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166286	0.11671	3.56	3.56	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166286	0.08978	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166286	0.07448	3.49	3.49	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166286	0.06606	2.81	2.81	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166286	0.07707	2.55	2.55	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166286	0.18124	3.21	3.21	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166286	0.22135	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166286	0.14858	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166286	0.10951	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166286	0.08847	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166286	0.07619	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166286	0.06926	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166286	0.06647	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166286	0.08819	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166286	0.07208	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166286	0.0606	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166286	0.05227	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166286	0.04548	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166286	0.04002	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166286	0.03566	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166286	0.0321	3.65	3.65	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166306	0.00492	5.27	5.27	1.5	ANNUAL	PM25_27
UCART1	551784.8	4166306	0.00592	4.78	4.78	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166306	0.00728	4.32	4.32	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166306	0.00906	4.26	4.26	1.5	ANNUAL	PM25_27

UCART1	551844.8	4166306	0.01142	4.48	4.48	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166306	0.01522	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166306	0.02086	4	4	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166306	0.03066	4.2	4.2	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166306	0.04745	4.34	4.34	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166306	0.09461	4.36	4.36	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166306	0.07167	4.09	4.09	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166306	0.06011	4.13	4.13	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166306	0.05472	4.36	4.36	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166306	0.05607	4.29	4.29	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166306	0.06934	3.95	3.95	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166306	0.08965	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166306	0.09441	3.11	3.11	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166306	0.10357	3.31	3.31	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166306	0.2146	3.33	3.33	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166306	0.25253	3.61	3.61	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166306	0.27336	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166306	0.1973	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166306	0.1378	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166306	0.10753	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166306	0.08971	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166306	0.07946	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166306	0.07462	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166306	0.08988	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166306	0.07375	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166306	0.06213	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166306	0.05347	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166306	0.04642	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166306	0.04079	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166306	0.03626	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166306	0.03258	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166326	0.00505	4.79	4.79	1.5	ANNUAL	PM25_27
UCART1	551784.8	4166326	0.00603	4.51	4.51	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166326	0.00729	4.35	4.35	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166326	0.00891	4.39	4.39	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166326	0.01112	4.3	4.3	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166326	0.01455	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166326	0.01919	3.77	3.77	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166326	0.02648	4.09	4.09	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166326	0.04057	4.26	4.26	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166326	0.08093	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166326	0.06552	4.31	4.31	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166326	0.05835	4.29	4.29	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166326	0.05839	4.19	4.19	1.5	ANNUAL	PM25_27

UCART1	552044.8	4166326	0.06943	4.03	4.03	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166326	0.07365	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166326	0.092	2.72	2.72	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166326	0.1657	2.98	2.98	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166326	0.24581	3.29	3.29	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166326	0.28059	3.47	3.47	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166326	0.27724	4.02	4.02	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166326	0.29738	3.64	3.64	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166326	0.23963	3.27	3.27	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166326	0.16164	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166326	0.12359	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166326	0.10192	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166326	0.08907	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166326	0.08238	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166326	0.09156	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166326	0.07554	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166326	0.06368	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166326	0.05459	3.03	3.03	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166326	0.04718	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166326	0.04145	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166326	0.03683	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166326	0.033	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166346	0.0051	4.79	4.79	1.5	ANNUAL	PM25_27
UCART1	551784.8	4166346	0.00604	4.59	4.59	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166346	0.00714	5.05	5.05	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166346	0.00849	5.62	5.62	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166346	0.01047	5.2	5.2	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166346	0.01332	4.5	4.5	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166346	0.01738	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166346	0.02317	4.08	4.08	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166346	0.03301	4.28	4.28	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166346	0.0437	4.17	4.17	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166346	0.09532	4.15	4.15	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166346	0.07261	4.34	4.34	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166346	0.06251	4.32	4.32	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166346	0.06041	4.18	4.18	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166346	0.06892	4.03	4.03	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166346	0.1159	2.83	2.83	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166346	0.14324	2.89	2.89	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166346	0.21673	3.13	3.13	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166346	0.26796	3.24	3.24	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166346	0.30369	3.2	3.2	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166346	0.31848	3.38	3.38	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166346	0.31261	3.78	3.78	1.5	ANNUAL	PM25_27

Term131S	552224.8	4166346	0.32043	3.6	3.6	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166346	0.27798	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166346	0.18444	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166346	0.1377	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166346	0.11226	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166346	0.09739	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166346	0.08931	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166346	0.09254	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166346	0.07646	3.15	3.15	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166346	0.06454	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166346	0.05528	2.81	2.81	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166346	0.04759	3.3	3.3	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166346	0.04182	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166346	0.0371	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166346	0.03323	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166366	0.00512	4.82	4.82	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166366	0.007	5.3	5.3	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166366	0.00819	6.04	6.04	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166366	0.00997	5.49	5.49	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166366	0.01239	4.89	4.89	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166366	0.01591	4.05	4.05	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166366	0.02067	4.02	4.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166366	0.02809	4.2	4.2	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166366	0.04287	4.1	4.1	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166366	0.08205	4.23	4.23	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166366	0.06781	4.26	4.26	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166366	0.06288	4.13	4.13	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166366	0.06743	3.98	3.98	1.5	ANNUAL	PM25_27
Term131S	552064.8	4166366	0.09632	3.93	3.93	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166366	0.192	3.53	3.53	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166366	0.24102	3.46	3.46	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166366	0.2771	3.4	3.4	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166366	0.30937	3.26	3.26	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166366	0.33572	3.08	3.08	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166366	0.34577	3.2	3.2	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166366	0.3464	3.39	3.39	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166366	0.34009	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166366	0.31403	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166366	0.20718	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166366	0.15115	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166366	0.12124	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166366	0.10435	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166366	0.09513	3.15	3.15	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166366	0.09277	3.33	3.33	1.5	ANNUAL	PM25_27

UCART1	552444.8	4166366	0.07661	3.17	3.17	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166366	0.06475	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166366	0.05551	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166366	0.0477	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166366	0.04193	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166366	0.03713	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166366	0.03331	3.68	3.68	1.5	ANNUAL	PM25_27
UCART1	551764.8	4166386	0.00512	4.81	4.81	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166386	0.00697	4.48	4.48	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166386	0.00819	4.53	4.53	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166386	0.00983	4.19	4.19	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166386	0.01202	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166386	0.01484	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166386	0.0188	3.78	3.78	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166386	0.02478	3.86	3.86	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166386	0.03505	3.97	3.97	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166386	0.05242	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166386	0.0962	3.84	3.84	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166386	0.07505	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166386	0.06651	3.96	3.96	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166386	0.0675	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166386	0.08666	3.91	3.91	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166386	0.19579	3.46	3.46	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166386	0.26033	3.3	3.3	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166386	0.30178	3.17	3.17	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166386	0.33152	3.04	3.04	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166386	0.35297	2.93	2.93	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166386	0.3631	3.02	3.02	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166386	0.36194	3.26	3.26	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166386	0.3529	3.45	3.45	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166386	0.3345	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166386	0.22902	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166386	0.16455	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166386	0.12925	3.6	3.6	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166386	0.10993	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166386	0.09954	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166386	0.09251	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166386	0.07636	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166386	0.0644	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166386	0.05517	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166386	0.04754	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166386	0.0416	3.76	3.76	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166386	0.03688	4.08	4.08	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166386	0.03322	3.93	3.93	1.5	ANNUAL	PM25_27

UCART1	551764.8	4166406	0.00508	4.89	4.89	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166406	0.0068	4.43	4.43	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166406	0.00792	4.46	4.46	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166406	0.00938	4.25	4.25	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166406	0.01138	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166406	0.01378	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166406	0.01719	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166406	0.02216	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166406	0.02988	3.93	3.93	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166406	0.04513	3.95	3.95	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166406	0.084	3.79	3.79	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166406	0.07119	3.82	3.82	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166406	0.06954	3.78	3.78	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166406	0.08413	3.79	3.79	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166406	0.18361	3.45	3.45	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166406	0.26378	3.19	3.19	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166406	0.30815	3.05	3.05	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166406	0.33799	2.95	2.95	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166406	0.3596	2.86	2.86	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166406	0.37142	2.92	2.92	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166406	0.37042	3.19	3.19	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166406	0.35984	3.45	3.45	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166406	0.34648	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166406	0.25101	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166406	0.17723	3.45	3.45	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166406	0.13621	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166406	0.11406	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166406	0.10241	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166406	0.09138	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166406	0.07542	2.99	2.99	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166406	0.06361	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166406	0.0546	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166406	0.04718	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166406	0.04126	3.93	3.93	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166406	0.03669	4.17	4.17	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166406	0.03306	4.07	4.07	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166426	0.00663	4.47	4.47	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166426	0.00765	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166426	0.00895	4.45	4.45	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166426	0.01076	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166426	0.01289	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166426	0.01589	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166426	0.02011	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166426	0.02627	3.87	3.87	1.5	ANNUAL	PM25_27

UCART1	551964.8	4166426	0.03724	3.92	3.92	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166426	0.09324	3.69	3.69	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166426	0.0763	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166426	0.07212	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166426	0.08229	3.68	3.68	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166426	0.16247	3.46	3.46	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166426	0.25874	3.13	3.13	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166426	0.30711	3.01	3.01	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166426	0.33752	2.96	2.96	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166426	0.3606	2.86	2.86	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166426	0.37426	2.88	2.88	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166426	0.37371	3.17	3.17	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166426	0.36275	3.47	3.47	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166426	0.3523	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166426	0.27306	3.27	3.27	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166426	0.18778	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166426	0.14126	3.56	3.56	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166426	0.11618	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166426	0.10322	3.07	3.07	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166426	0.08952	2.98	2.98	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166426	0.07391	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166426	0.06252	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166426	0.05385	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166426	0.04662	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166426	0.04087	3.92	3.92	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166426	0.03648	3.99	3.99	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166426	0.03282	4.12	4.12	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166446	0.00749	4.03	4.03	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166446	0.0087	3.96	8.39	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166446	0.01029	3.65	8.39	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166446	0.01226	3.6	8.39	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166446	0.0149	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166446	0.01852	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166446	0.02376	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166446	0.03235	3.87	3.87	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166446	0.05144	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166446	0.08165	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166446	0.07441	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166446	0.08026	3.82	3.82	1.5	ANNUAL	PM25_27
Term131S	552084.8	4166446	0.13449	3.47	3.47	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166446	0.24296	3.21	3.21	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166446	0.29529	3.22	3.22	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166446	0.32573	3.25	3.25	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166446	0.35151	3.12	3.12	1.5	ANNUAL	PM25_27

Term131S	552184.8	4166446	0.37156	2.94	2.94	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166446	0.37138	3.22	3.22	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166446	0.36176	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166446	0.35115	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166446	0.29235	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166446	0.19468	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166446	0.14312	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166446	0.11553	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166446	0.10176	3.09	3.09	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166446	0.08667	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166446	0.07201	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166446	0.06129	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166446	0.05292	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166446	0.04582	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166446	0.04039	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166446	0.0361	3.86	3.86	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166446	0.03253	4.01	4.01	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166466	0.00722	4.37	4.37	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166466	0.00824	4.91	8.39	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166466	0.00943	5.72	8.39	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166466	0.0112	5.25	8.39	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166466	0.0138	4.08	8.39	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166466	0.01726	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166466	0.02181	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166466	0.02896	3.83	3.83	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166466	0.04294	3.75	3.75	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166466	0.08814	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166466	0.07731	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166466	0.07992	3.73	3.73	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166466	0.10739	3.65	3.65	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166466	0.22169	3.36	3.36	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166466	0.28297	3.34	3.34	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166466	0.3161	3.38	3.38	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166466	0.34242	3.27	3.27	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166466	0.36579	3	3	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166466	0.3679	3.18	3.18	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166466	0.36044	3.42	3.42	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166466	0.34599	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552264.8	4166466	0.30808	3.43	3.43	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166466	0.19541	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166466	0.14022	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166466	0.11167	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166466	0.09792	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166466	0.0839	3.25	3.25	1.5	ANNUAL	PM25_27

UCART1	552444.8	4166466	0.06993	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166466	0.05969	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166466	0.0517	2.81	2.81	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166466	0.0449	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166466	0.03973	3.61	3.61	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166466	0.03559	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166486	0.00696	4.93	4.93	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166486	0.0078	6.14	8.39	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166486	0.00858	8.08	8.08	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166486	0.01025	7.1	7.1	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166486	0.01289	4.75	7.05	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166486	0.01627	3.32	7.05	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166486	0.02033	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166486	0.02649	3.78	3.78	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166486	0.03762	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166486	0.09662	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166486	0.08071	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166486	0.07994	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166486	0.09711	3.86	3.86	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166486	0.20176	3.54	3.54	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166486	0.27117	3.39	3.39	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166486	0.30819	3.4	3.4	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166486	0.33182	3.37	3.37	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166486	0.35535	3.06	3.06	1.5	ANNUAL	PM25_27
Term131S	552204.8	4166486	0.35838	3.06	3.06	1.5	ANNUAL	PM25_27
Term131S	552224.8	4166486	0.32426	3.27	3.27	1.5	ANNUAL	PM25_27
Term131S	552244.8	4166486	0.30973	3.4	3.4	1.5	ANNUAL	PM25_27
Term131S	552264.8	4166486	0.29128	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166486	0.18788	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166486	0.13144	3.56	3.56	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166486	0.10362	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166486	0.09212	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166486	0.08116	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166486	0.06757	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166486	0.05772	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166486	0.05019	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166486	0.04389	3.23	3.23	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166486	0.03891	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166486	0.03496	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166506	0.0068	4.76	4.76	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166506	0.00765	5.64	5.64	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166506	0.00854	7	7	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166506	0.01032	5.3	8.39	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166506	0.01256	4.02	7.05	1.5	ANNUAL	PM25_27

UCART1	551924.8	4166506	0.01543	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166506	0.01927	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166506	0.02481	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166506	0.03422	3.49	3.49	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166506	0.05433	3.46	3.46	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166506	0.10448	3.56	3.56	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166506	0.08354	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166506	0.07985	3.47	3.47	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166506	0.09325	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166506	0.18939	3.49	3.49	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166506	0.25883	3.41	3.41	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166506	0.29881	3.37	3.37	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166506	0.31956	3.37	3.37	1.5	ANNUAL	PM25_27
Term131S	552184.8	4166506	0.33188	3.18	3.18	1.5	ANNUAL	PM25_27
Term131S	552264.8	4166506	0.22369	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166506	0.16156	3.34	3.34	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166506	0.11267	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166506	0.09268	3.35	3.35	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166506	0.08593	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166506	0.07794	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166506	0.06504	3.17	3.17	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166506	0.05573	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166506	0.04862	2.84	2.84	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166506	0.04266	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166506	0.0379	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166506	0.03409	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166526	0.00667	4.47	4.47	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166526	0.00751	5.15	5.15	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166526	0.00851	5.83	5.83	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166526	0.01013	4.58	4.58	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166526	0.01214	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166526	0.01475	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166526	0.01831	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166526	0.02334	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166526	0.03156	3.52	3.52	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166526	0.04783	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166526	0.08605	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166526	0.07896	3.61	3.61	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166526	0.08585	3.47	3.47	1.5	ANNUAL	PM25_27
Term131S	552104.8	4166526	0.16542	3.5	3.5	1.5	ANNUAL	PM25_27
Term131S	552124.8	4166526	0.24047	3.41	3.41	1.5	ANNUAL	PM25_27
Term131S	552144.8	4166526	0.27065	3.34	3.34	1.5	ANNUAL	PM25_27
Term131S	552164.8	4166526	0.27455	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166526	0.10647	3.31	3.31	1.5	ANNUAL	PM25_27

UCART1	552304.8	4166526	0.09084	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166526	0.08168	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166526	0.08043	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166526	0.07402	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166526	0.06225	3	3	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166526	0.05364	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166526	0.04698	2.73	2.73	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166526	0.04139	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166526	0.03684	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166526	0.03008	4.08	4.08	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166546	0.00656	4.12	4.12	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166546	0.00739	4.64	4.64	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166546	0.00847	4.64	4.64	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166546	0.00984	4.55	4.55	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166546	0.0117	4.09	4.09	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166546	0.01416	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166546	0.01742	3.63	3.63	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166546	0.02206	3.65	3.65	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166546	0.02928	3.72	3.72	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166546	0.04286	3.74	3.74	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166546	0.08879	3.8	3.8	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166546	0.07775	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166546	0.07888	3.71	3.71	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166546	0.08158	3.25	3.25	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166546	0.0752	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166546	0.07276	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166546	0.07693	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166546	0.07013	2.82	2.82	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166546	0.05955	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166546	0.05162	2.63	2.63	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166546	0.04539	2.56	2.56	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166546	0.04019	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166546	0.03575	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166546	0.02937	3.87	3.87	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166566	0.00646	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166566	0.00733	3.85	3.85	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166566	0.00837	4.08	4.08	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166566	0.00967	4.2	4.2	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166566	0.01144	3.87	3.87	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166566	0.01373	3.62	3.62	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166566	0.01676	3.6	3.6	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166566	0.02106	3.59	3.59	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166566	0.02755	3.69	3.69	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166566	0.03926	3.64	3.64	1.5	ANNUAL	PM25_27

UCART1	552044.8	4166566	0.093	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166566	0.0792	3.33	3.33	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166566	0.07532	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166566	0.06677	3.09	3.09	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166566	0.06675	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166566	0.07561	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166566	0.06652	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166566	0.05688	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166566	0.04961	2.62	2.62	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166566	0.04377	2.61	2.61	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166566	0.03874	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166566	0.0313	3.81	3.81	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166566	0.02852	3.9	3.9	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166586	0.00726	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166586	0.00827	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166586	0.00954	3.82	3.82	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166586	0.0112	3.67	3.67	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166586	0.01336	3.54	3.54	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166586	0.01621	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166586	0.02022	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166586	0.02612	3.51	3.51	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166586	0.03634	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166586	0.04765	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166586	0.09792	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166586	0.07992	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166586	0.07071	3.09	3.09	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166586	0.06568	3.24	3.24	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166586	0.06236	3	3	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166586	0.0638	2.83	2.83	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166586	0.07374	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166586	0.06375	2.73	2.73	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166586	0.05474	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166586	0.04789	2.62	2.62	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166586	0.04226	2.73	2.73	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166586	0.03736	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166586	0.03032	3.86	3.86	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166586	0.02766	3.93	3.93	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166606	0.00551	4.01	4.01	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166606	0.00717	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166606	0.00817	3.38	3.38	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166606	0.00943	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166606	0.01099	3.49	3.49	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166606	0.01301	3.49	3.49	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166606	0.01572	3.36	3.36	1.5	ANNUAL	PM25_27

UCART1	551964.8	4166606	0.0195	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166606	0.0249	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166606	0.03388	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166606	0.05294	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166606	0.07782	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166606	0.07994	3.26	3.26	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166606	0.06742	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166606	0.061	3.23	3.23	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166606	0.06032	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166606	0.06273	2.71	2.71	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166606	0.06979	2.74	2.74	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166606	0.0735	2.47	2.47	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166606	0.06185	2.54	2.54	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166606	0.0532	2.55	2.55	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166606	0.04647	2.58	2.58	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166606	0.04085	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166606	0.0325	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166606	0.02938	3.86	3.86	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166606	0.02685	3.88	3.88	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166626	0.00544	4.01	4.01	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166626	0.00708	3.04	3.04	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166626	0.00808	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166626	0.00931	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166626	0.01079	3.29	3.29	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166626	0.01267	3.44	3.44	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166626	0.01517	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166626	0.01868	3.11	3.11	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166626	0.02366	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166626	0.03144	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166626	0.04668	2.93	2.93	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166626	0.0822	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166626	0.06701	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166626	0.05897	3.07	3.07	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166626	0.05972	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166626	0.06308	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166626	0.06858	2.76	2.76	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166626	0.07159	2.45	2.45	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166626	0.06039	2.48	2.48	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166626	0.05193	2.46	2.46	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166626	0.04511	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166626	0.03946	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166626	0.03154	3.37	3.37	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166626	0.02857	3.58	3.58	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166626	0.02615	3.71	3.71	1.5	ANNUAL	PM25_27

UCART1	551804.8	4166646	0.0054	3.84	3.84	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166646	0.00696	3.16	3.16	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166646	0.00798	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166646	0.00916	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166646	0.01058	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166646	0.01234	3.41	3.41	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166646	0.01464	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166646	0.01786	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166646	0.02232	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166646	0.02906	2.97	2.97	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166646	0.0416	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166646	0.08498	2.65	2.65	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166646	0.06769	3.06	3.06	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166646	0.05812	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166646	0.06085	2.96	2.96	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166646	0.06527	2.66	2.66	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166646	0.06972	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166646	0.07055	2.44	2.44	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166646	0.05937	2.43	2.43	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166646	0.05074	2.42	2.42	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166646	0.04371	2.79	2.79	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166646	0.03382	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166646	0.03064	3.18	3.18	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166646	0.02787	3.32	3.32	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166646	0.02557	3.55	3.55	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166666	0.00538	3.48	3.48	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166666	0.00682	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166666	0.00785	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166666	0.009	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166666	0.01033	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166666	0.01198	3.42	3.42	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166666	0.01414	3.36	3.36	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166666	0.01703	3.13	3.13	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166666	0.02088	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166666	0.02669	3.19	3.19	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166666	0.03726	3	3	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166666	0.08813	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166666	0.06915	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166666	0.05804	2.86	2.86	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166666	0.06509	3.01	3.01	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166666	0.07036	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166666	0.07217	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166666	0.07007	2.45	2.45	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166666	0.05842	2.33	2.33	1.5	ANNUAL	PM25_27

UCART1	552444.8	4166666	0.04931	2.48	2.48	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166666	0.04217	2.95	2.95	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166666	0.03287	3.31	3.31	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166666	0.02986	3.1	3.1	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166666	0.02724	3.4	3.4	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166666	0.02514	3.53	3.53	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166686	0.00532	3.57	3.57	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166686	0.0077	3	3	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166686	0.00882	2.91	2.91	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166686	0.0101	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166686	0.01167	3.22	3.22	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166686	0.01365	3.2	3.2	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166686	0.01626	3.02	3.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166686	0.01979	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166686	0.02491	2.97	2.97	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166686	0.03382	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166686	0.04907	2.85	2.85	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166686	0.09305	2.78	2.78	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166686	0.07122	2.77	2.77	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166686	0.05867	2.77	2.77	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166686	0.05075	3.02	3.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166686	0.07696	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166686	0.08153	2.57	320.02	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166686	0.08498	2.75	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166686	0.06908	2.54	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166686	0.05666	2.47	320.02	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166686	0.04751	2.66	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166686	0.03575	3.19	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166686	0.03215	3.09	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166686	0.02933	3.08	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166686	0.02694	3.35	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166686	0.02499	3.47	320.02	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166706	0.00527	3.5	3.5	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166706	0.00588	3.66	3.66	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166706	0.00755	3.12	3.12	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166706	0.00862	2.9	2.9	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166706	0.00985	2.94	2.94	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166706	0.01132	3.05	3.05	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166706	0.01312	3.08	3.08	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166706	0.01548	2.92	2.92	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166706	0.01871	2.72	2.72	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166706	0.02327	2.8	2.8	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166706	0.0309	2.89	2.89	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166706	0.04801	2.88	2.88	1.5	ANNUAL	PM25_27

UCART1	552084.8	4166706	0.07388	2.67	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166706	0.05965	2.79	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166706	0.05078	3	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166706	0.04636	2.45	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166706	0.05329	2.46	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166706	0.10144	2.57	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166706	0.10921	2.51	320.02	1.5	ANNUAL	PM25_27
UCART1	552324.8	4166706	0.10666	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552344.8	4166706	0.10832	2.69	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166706	0.0667	2.62	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166706	0.05427	2.71	320.02	1.5	ANNUAL	PM25_27
UCART1	552444.8	4166706	0.0456	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166706	0.03511	2.95	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166706	0.03188	2.88	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166706	0.02924	3.06	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166706	0.02703	3.24	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166706	0.0251	3.38	320.02	1.5	ANNUAL	PM25_27
UCART1	551804.8	4166726	0.00524	3.14	3.14	1.5	ANNUAL	PM25_27
UCART1	551824.8	4166726	0.00583	3.39	3.39	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166726	0.00737	3.28	3.28	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166726	0.0084	2.88	2.88	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166726	0.00957	2.83	2.83	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166726	0.01091	2.98	2.98	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166726	0.01254	3.08	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166726	0.0147	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166726	0.01754	2.85	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166726	0.02168	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166726	0.02837	2.88	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166726	0.04211	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166726	0.07711	2.57	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166726	0.0606	3.06	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166726	0.05071	3.32	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166726	0.04533	3.15	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166726	0.04303	2.73	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166726	0.0431	2.47	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166726	0.04582	2.29	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166726	0.05148	2.34	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166726	0.06023	2.41	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166726	0.07211	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166726	0.08896	2.33	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166726	0.10021	2.37	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166726	0.06328	2.54	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166726	0.05138	3.07	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166726	0.0351	2.82	320.02	1.5	ANNUAL	PM25_27

UCART1	552504.8	4166726	0.03229	2.75	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166726	0.02975	2.95	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166726	0.02742	3.19	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166726	0.02539	3.2	320.02	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166746	0.0072	3.33	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166746	0.00818	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166746	0.00926	2.72	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166746	0.01051	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166746	0.01201	2.93	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166746	0.01391	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166746	0.01649	2.93	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166746	0.02025	2.84	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166746	0.02621	2.82	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166746	0.0377	2.8	320.02	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166746	0.08065	2.64	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166746	0.06225	3.16	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166746	0.05149	3.29	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166746	0.04526	3.12	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166746	0.04189	2.82	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166746	0.04056	2.61	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166746	0.04099	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166746	0.04302	2.44	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166746	0.04647	2.44	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166746	0.05116	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166746	0.05765	2.3	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166746	0.06667	2.35	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166746	0.0584	2.61	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166746	0.04852	3.27	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166746	0.03932	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166746	0.03645	2.74	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166746	0.03356	2.76	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166746	0.03057	3.16	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166746	0.02783	3.59	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166746	0.02562	3.44	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166766	0.00627	3.59	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166766	0.00793	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166766	0.00892	2.68	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166766	0.01008	2.71	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166766	0.01146	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166766	0.01315	3.16	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166766	0.01555	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166766	0.01896	2.89	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166766	0.0243	2.81	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166766	0.03412	2.74	320.02	1.5	ANNUAL	PM25_27

UCART1	552084.8	4166766	0.08497	2.73	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166766	0.06456	3.13	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166766	0.05282	3.12	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166766	0.04557	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166766	0.04111	2.94	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166766	0.03878	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166766	0.03787	2.75	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166766	0.03834	2.6	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166766	0.03989	2.54	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166766	0.04246	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166766	0.04639	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166766	0.05243	2.4	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166766	0.05467	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166766	0.04832	3.35	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166766	0.04347	2.72	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166766	0.03964	2.69	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166766	0.03548	2.87	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166766	0.03154	3.52	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166766	0.02822	4.2	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166766	0.0258	3.92	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166786	0.00612	3.63	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166786	0.00763	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166786	0.00855	2.83	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166786	0.00961	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166786	0.01087	3.1	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166786	0.01241	3.46	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166786	0.01472	2.97	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166786	0.01775	3.05	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166786	0.02248	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166786	0.03096	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166786	0.04593	2.8	320.02	1.5	ANNUAL	PM25_27
UCART1	552084.8	4166786	0.09071	2.74	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166786	0.06796	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166786	0.05463	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166786	0.04609	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166786	0.04074	3.05	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166786	0.03767	2.9	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166786	0.03625	2.54	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166786	0.03572	2.51	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166786	0.03619	2.59	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166786	0.03764	2.68	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166786	0.04037	2.69	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166786	0.0459	2.52	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166786	0.05238	2.63	320.02	1.5	ANNUAL	PM25_27

UCART1	552484.8	4166786	0.04392	2.82	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166786	0.03749	3.25	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166786	0.03273	3.55	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166786	0.029	3.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166786	0.02619	3.77	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166806	0.00596	3.63	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166806	0.00731	3.38	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166806	0.00815	3.23	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166806	0.00913	3.22	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166806	0.0103	3.32	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166806	0.01181	3.37	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166806	0.01397	2.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166806	0.01675	3.01	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166806	0.02099	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166806	0.02833	2.93	320.02	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166806	0.04473	2.83	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166806	0.07101	2.82	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166806	0.05619	2.95	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166806	0.04674	3.08	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166806	0.04074	3.12	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166806	0.03705	3.01	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166806	0.03518	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166806	0.03406	2.52	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166806	0.03394	2.61	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166806	0.03484	2.7	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166806	0.03719	2.73	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166806	0.04298	2.53	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166806	0.07704	3.47	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166806	0.07067	2.98	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166806	0.05972	2.52	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166806	0.04753	2.74	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166806	0.03943	3.17	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166806	0.0339	3.32	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166806	0.0297	3.59	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166806	0.02655	3.52	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166826	0.00579	3.59	320.02	1.5	ANNUAL	PM25_27
UCART1	551884.8	4166826	0.007	3.73	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166826	0.00775	3.69	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166826	0.00866	3.63	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166826	0.00978	3.52	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166826	0.01127	3.21	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166826	0.01326	2.87	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166826	0.01587	2.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166826	0.0197	2.99	320.02	1.5	ANNUAL	PM25_27

UCART1	552044.8	4166826	0.02611	2.96	320.02	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166826	0.03942	2.85	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166826	0.07425	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166826	0.05783	3.15	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166826	0.04763	3.18	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166826	0.04107	3.15	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166826	0.0368	3.11	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166826	0.0345	2.58	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166826	0.033	2.58	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166826	0.03255	2.59	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166826	0.03324	2.61	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166826	0.03562	2.62	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166826	0.04186	2.45	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166826	0.06904	3.92	320.02	1.5	ANNUAL	PM25_27
UCART1	552424.8	4166826	0.06405	2.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166826	0.05968	2.42	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166826	0.04853	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166826	0.04046	2.71	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166826	0.03461	2.86	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166826	0.03009	3.25	320.02	1.5	ANNUAL	PM25_27
UCART1	552564.8	4166826	0.02676	3.18	320.02	1.5	ANNUAL	PM25_27
UCART1	551844.8	4166846	0.00563	3.44	320.02	1.5	ANNUAL	PM25_27
UCART1	551864.8	4166846	0.00615	3.53	320.02	1.5	ANNUAL	PM25_27
UCART1	551904.8	4166846	0.0074	3.96	320.02	1.5	ANNUAL	PM25_27
UCART1	551924.8	4166846	0.00824	3.9	320.02	1.5	ANNUAL	PM25_27
UCART1	551944.8	4166846	0.0093	3.68	320.02	1.5	ANNUAL	PM25_27
UCART1	551964.8	4166846	0.01067	3.42	320.02	1.5	ANNUAL	PM25_27
UCART1	551984.8	4166846	0.01254	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	552004.8	4166846	0.01501	2.92	320.02	1.5	ANNUAL	PM25_27
UCART1	552024.8	4166846	0.01851	3	320.02	1.5	ANNUAL	PM25_27
UCART1	552044.8	4166846	0.02416	3.02	320.02	1.5	ANNUAL	PM25_27
UCART1	552064.8	4166846	0.0353	2.87	320.02	1.5	ANNUAL	PM25_27
UCART1	552104.8	4166846	0.07899	2.67	320.02	1.5	ANNUAL	PM25_27
UCART1	552124.8	4166846	0.06064	2.88	320.02	1.5	ANNUAL	PM25_27
UCART1	552144.8	4166846	0.0492	2.99	320.02	1.5	ANNUAL	PM25_27
UCART1	552164.8	4166846	0.0418	3.05	320.02	1.5	ANNUAL	PM25_27
UCART1	552184.8	4166846	0.03686	3.18	320.02	1.5	ANNUAL	PM25_27
UCART1	552204.8	4166846	0.03408	2.78	320.02	1.5	ANNUAL	PM25_27
UCART1	552224.8	4166846	0.03238	2.62	320.02	1.5	ANNUAL	PM25_27
UCART1	552244.8	4166846	0.03175	2.53	320.02	1.5	ANNUAL	PM25_27
UCART1	552264.8	4166846	0.03238	2.51	320.02	1.5	ANNUAL	PM25_27
UCART1	552284.8	4166846	0.03492	2.5	320.02	1.5	ANNUAL	PM25_27
UCART1	552304.8	4166846	0.04166	2.44	320.02	1.5	ANNUAL	PM25_27
UCART1	552404.8	4166846	0.06928	2.41	320.02	1.5	ANNUAL	PM25_27

UCART1	552424.8	4166846	0.06282	2.58	320.02	1.5	ANNUAL	PM25_27
UCART1	552464.8	4166846	0.05876	2.46	320.02	1.5	ANNUAL	PM25_27
UCART1	552484.8	4166846	0.04804	2.58	320.02	1.5	ANNUAL	PM25_27
UCART1	552504.8	4166846	0.04023	2.79	320.02	1.5	ANNUAL	PM25_27
UCART1	552524.8	4166846	0.03448	2.91	320.02	1.5	ANNUAL	PM25_27
UCART1	552544.8	4166846	0.03007	3.04	320.02	1.5	ANNUAL	PM25_27
UCART2	551904.6	4166869	0.00703	4.03	320.02	1.5	ANNUAL	PM25_27
UCART2	551924.6	4166869	0.0078	4.05	320.02	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166869	0.00879	3.81	320.02	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166869	0.01006	3.53	320.02	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166869	0.01175	3.22	320.02	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166869	0.01408	2.92	320.02	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166869	0.01725	3.02	320.02	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166869	0.02218	3.06	320.02	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166869	0.03147	2.84	320.02	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166869	0.04056	2.67	320.02	1.5	ANNUAL	PM25_27
UCART2	552104.6	4166869	0.08487	2.75	320.02	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166869	0.06392	2.87	320.02	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166869	0.05117	2.96	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166869	0.04287	3.04	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166869	0.03736	3.15	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166869	0.03395	3.03	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166869	0.032	2.8	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166869	0.03128	2.59	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166869	0.03194	2.47	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166869	0.0347	2.45	320.02	1.5	ANNUAL	PM25_27
UCART2	552304.6	4166869	0.04212	2.45	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166869	0.06213	2.66	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166869	0.06792	2.02	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166869	0.06178	2.48	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166869	0.05787	2.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166869	0.04731	2.66	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166869	0.03966	2.85	320.02	1.5	ANNUAL	PM25_27
UCART2	552524.6	4166869	0.03398	3.01	320.02	1.5	ANNUAL	PM25_27
UCART2	552544.6	4166869	0.02971	2.99	320.02	1.5	ANNUAL	PM25_27
UCART2	551884.6	4166889	0.00618	3.59	356.4	1.5	ANNUAL	PM25_27
UCART2	551924.6	4166889	0.00746	4.08	320.02	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166889	0.00838	3.83	320.02	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166889	0.00958	3.51	320.02	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166889	0.01114	3.33	320.02	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166889	0.01332	2.95	320.02	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166889	0.01625	3.05	320.02	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166889	0.02072	3.08	320.02	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166889	0.02881	2.83	320.02	1.5	ANNUAL	PM25_27

UCART2	552084.6	4166889	0.04811	2.75	320.02	1.5	ANNUAL	PM25_27
UCART2	552104.6	4166889	0.09117	2.97	320.02	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166889	0.06685	2.99	320.02	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166889	0.05298	3.02	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166889	0.04394	3.08	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166889	0.03804	3.07	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166889	0.03409	3.2	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166889	0.03192	3.02	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166889	0.03115	2.74	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166889	0.03189	2.55	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166889	0.03487	2.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552304.6	4166889	0.04315	2.52	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166889	0.0792	2.72	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166889	0.06588	2.57	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166889	0.06074	2.6	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166889	0.05686	2.61	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166889	0.0465	2.7	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166889	0.03896	2.88	320.02	1.5	ANNUAL	PM25_27
UCART2	552524.6	4166889	0.03333	3.12	320.02	1.5	ANNUAL	PM25_27
UCART2	551924.6	4166909	0.00715	3.97	356.4	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166909	0.00804	3.62	356.4	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166909	0.00916	3.34	356.4	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166909	0.0106	3.25	356.4	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166909	0.01255	3.13	345.72	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166909	0.0153	3.09	320.02	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166909	0.01943	3.05	320.02	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166909	0.02638	2.99	320.02	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166909	0.04145	2.94	320.02	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166909	0.07051	2.94	320.02	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166909	0.05506	3.07	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166909	0.04524	3.11	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166909	0.03892	3.01	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166909	0.03466	3.1	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166909	0.03212	3.17	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166909	0.03113	3.15	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166909	0.03178	3.12	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166909	0.03498	3.08	320.02	1.5	ANNUAL	PM25_27
UCART2	552304.6	4166909	0.04435	2.87	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166909	0.07717	2.72	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166909	0.06401	2.84	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166909	0.05918	2.91	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166909	0.05569	2.7	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166909	0.04572	2.58	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166909	0.03825	2.79	320.02	1.5	ANNUAL	PM25_27

UCART2	552524.6	4166909	0.03268	3.04	320.02	1.5	ANNUAL	PM25_27
UCART2	551904.6	4166929	0.00622	3.93	356.88	1.5	ANNUAL	PM25_27
UCART2	551924.6	4166929	0.00686	3.89	356.88	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166929	0.00767	3.65	356.88	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166929	0.0087	3.52	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166929	0.01007	3.22	356.4	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166929	0.01187	3.18	356.4	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166929	0.0144	3.14	356.4	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166929	0.0182	3.08	356.4	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166929	0.02438	3.03	356.4	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166929	0.03675	2.98	320.02	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166929	0.07449	2.95	320.02	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166929	0.05753	3.05	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166929	0.0468	3.11	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166929	0.03982	3.14	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166929	0.03521	3.29	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166929	0.0325	3.4	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166929	0.0314	3.48	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166929	0.03212	3.5	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166929	0.03565	3.43	320.02	1.5	ANNUAL	PM25_27
UCART2	552304.6	4166929	0.04606	3.36	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166929	0.07384	2.77	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166929	0.06167	2.93	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166929	0.05753	3	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166929	0.05435	2.83	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166929	0.04475	2.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166929	0.03745	2.7	320.02	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166949	0.00732	3.84	356.88	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166949	0.00825	3.8	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166949	0.00956	3.23	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166949	0.01121	3.19	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166949	0.01352	3.21	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166949	0.01699	3.15	356.4	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166949	0.02262	3.03	356.4	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166949	0.0331	2.97	356.4	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166949	0.07904	2.98	345.72	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166949	0.06028	3.04	320.02	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166949	0.04859	3.11	320.02	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166949	0.04086	3.32	320.02	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166949	0.03591	3.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166949	0.03309	3.63	320.02	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166949	0.03202	3.7	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166949	0.03302	3.64	320.02	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166949	0.03719	3.57	320.02	1.5	ANNUAL	PM25_27

UCART2	552384.6	4166949	0.06981	2.84	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166949	0.05913	2.86	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166949	0.05592	2.88	320.02	1.5	ANNUAL	PM25_27
UCART2	552464.6	4166949	0.05286	3.01	320.02	1.5	ANNUAL	PM25_27
UCART2	552484.6	4166949	0.04364	2.53	320.02	1.5	ANNUAL	PM25_27
UCART2	552504.6	4166949	0.03656	2.62	320.02	1.5	ANNUAL	PM25_27
UCART2	551944.6	4166969	0.00695	4.26	356.88	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166969	0.00786	3.85	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166969	0.00903	3.49	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166969	0.01055	3.35	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166969	0.01265	3.37	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166969	0.01581	3.28	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166969	0.02088	3.16	356.88	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166969	0.02976	3.3	356.88	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166969	0.08439	3.09	356.4	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166969	0.06289	3.29	356.4	1.5	ANNUAL	PM25_27
UCART2	552164.6	4166969	0.05045	3.24	356.4	1.5	ANNUAL	PM25_27
UCART2	552184.6	4166969	0.04278	2.91	345.72	1.5	ANNUAL	PM25_27
UCART2	552284.6	4166969	0.04138	2.19	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166969	0.06581	3.01	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166969	0.05627	3.05	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166969	0.05339	3.54	320.02	1.5	ANNUAL	PM25_27
UCART2	551964.6	4166989	0.00745	4.16	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4166989	0.00855	3.67	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4166989	0.00994	3.5	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4166989	0.01183	3.48	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4166989	0.01467	3.41	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4166989	0.01918	3.34	356.88	1.5	ANNUAL	PM25_27
UCART2	552084.6	4166989	0.02698	3.5	356.88	1.5	ANNUAL	PM25_27
UCART2	552104.6	4166989	0.04596	3.14	356.88	1.5	ANNUAL	PM25_27
UCART2	552124.6	4166989	0.09165	3.09	356.88	1.5	ANNUAL	PM25_27
UCART2	552144.6	4166989	0.06732	2.83	356.88	1.5	ANNUAL	PM25_27
UCART2	552204.6	4166989	0.0395	2.19	356.4	1.5	ANNUAL	PM25_27
UCART2	552224.6	4166989	0.03572	3.33	345.72	1.5	ANNUAL	PM25_27
UCART2	552244.6	4166989	0.03541	3.13	320.02	1.5	ANNUAL	PM25_27
UCART2	552264.6	4166989	0.03846	2.47	320.02	1.5	ANNUAL	PM25_27
UCART2	552364.6	4166989	0.07737	3.32	320.02	1.5	ANNUAL	PM25_27
UCART2	552384.6	4166989	0.06266	2.74	320.02	1.5	ANNUAL	PM25_27
UCART2	552404.6	4166989	0.05367	3.08	320.02	1.5	ANNUAL	PM25_27
UCART2	552424.6	4166989	0.05169	3.48	320.02	1.5	ANNUAL	PM25_27
UCART2	551964.6	4167009	0.00703	4.62	356.88	1.5	ANNUAL	PM25_27
UCART2	551984.6	4167009	0.00808	3.8	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4167009	0.00936	3.64	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4167009	0.01109	3.55	356.88	1.5	ANNUAL	PM25_27

UCART2	552044.6	4167009	0.01358	3.54	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4167009	0.01751	3.56	356.88	1.5	ANNUAL	PM25_27
UCART2	552084.6	4167009	0.02447	3.58	356.88	1.5	ANNUAL	PM25_27
UCART2	552104.6	4167009	0.03947	3.57	356.88	1.5	ANNUAL	PM25_27
UCART2	552184.6	4167009	0.04545	3.64	356.88	1.5	ANNUAL	PM25_27
UCART2	552204.6	4167009	0.04006	3.57	356.4	1.5	ANNUAL	PM25_27
UCART2	552224.6	4167009	0.03698	4.03	356.4	1.5	ANNUAL	PM25_27
UCART2	552244.6	4167009	0.03715	4.2	348.95	1.5	ANNUAL	PM25_27
UCART2	552264.6	4167009	0.04223	4.36	320.02	1.5	ANNUAL	PM25_27
UCART2	551984.6	4167029	0.00759	4.15	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4167029	0.00877	3.82	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4167029	0.01038	3.55	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4167029	0.0126	3.58	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4167029	0.01606	3.56	356.88	1.5	ANNUAL	PM25_27
UCART2	552084.6	4167029	0.02267	2.77	356.88	1.5	ANNUAL	PM25_27
UCART2	552144.6	4167029	0.07507	3.29	356.88	1.5	ANNUAL	PM25_27
UCART2	552164.6	4167029	0.05876	3.03	356.88	1.5	ANNUAL	PM25_27
UCART2	552184.6	4167029	0.04737	3.98	356.88	1.5	ANNUAL	PM25_27
UCART2	552204.6	4167029	0.04205	3.96	356.88	1.5	ANNUAL	PM25_27
UCART2	552224.6	4167029	0.04009	3.93	356.88	1.5	ANNUAL	PM25_27
UCART2	552244.6	4167029	0.04197	4.07	356.4	1.5	ANNUAL	PM25_27
UCART2	551984.6	4167049	0.00712	4.63	356.88	1.5	ANNUAL	PM25_27
UCART2	552004.6	4167049	0.00822	3.92	356.88	1.5	ANNUAL	PM25_27
UCART2	552024.6	4167049	0.00971	3.36	356.88	1.5	ANNUAL	PM25_27
UCART2	552044.6	4167049	0.0118	3.04	356.88	1.5	ANNUAL	PM25_27
UCART2	552064.6	4167049	0.01501	2.79	356.88	1.5	ANNUAL	PM25_27
UCART2	552144.6	4167049	0.08017	3.84	356.88	1.5	ANNUAL	PM25_27
UCART2	552164.6	4167049	0.06283	3.61	356.88	1.5	ANNUAL	PM25_27
UCART2	552184.6	4167049	0.05134	4.13	356.88	1.5	ANNUAL	PM25_27
UCART2	552204.6	4167049	0.04581	4.14	356.88	1.5	ANNUAL	PM25_27
UCART2	552224.6	4167049	0.0453	3.85	356.88	1.5	ANNUAL	PM25_27

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Z	Averagin Pe	Source Gro
UCART1	552064.8	4166026	0.00235	4.6	4.6	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166026	0.0026	4.06	4.06	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166026	0.00284	3.76	3.76	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166026	0.00306	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166026	0.00326	3.84	3.84	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166026	0.00348	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166026	0.00364	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166026	0.0038	3.16	3.16	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166026	0.00394	3	3	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166026	0.00406	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166026	0.00418	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166026	0.0043	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166026	0.00448	2.98	2.98	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166026	0.00475	3.02	3.02	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166026	0.00521	2.88	2.88	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166026	0.00607	2.63	2.63	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166046	0.00316	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166046	0.00347	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166046	0.00373	3.73	3.73	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166046	0.00396	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166046	0.00417	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166046	0.00434	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166046	0.00446	3.46	3.46	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166046	0.00457	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166046	0.00465	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166046	0.00472	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166046	0.00479	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166046	0.00487	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166046	0.00505	3.03	3.03	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166046	0.0054	2.68	2.68	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166046	0.006	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166046	0.00722	2.37	2.37	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166066	0.00267	4.58	4.58	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166066	0.00279	4.32	4.32	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166066	0.0029	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166066	0.00306	4.1	4.1	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166066	0.0033	3.84	3.84	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166066	0.00364	3.7	3.7	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166066	0.00402	3.7	3.7	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166066	0.00442	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166066	0.00475	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166066	0.00498	3.76	3.76	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166066	0.00518	3.7	3.7	1.5	ANNUAL	PM25_28

UCART1	552144.8	4166066	0.00534	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166066	0.00542	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166066	0.00549	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166066	0.0055	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166066	0.00548	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166066	0.00544	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166066	0.00542	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166066	0.00544	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166066	0.00564	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166066	0.00605	2.56	2.56	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166066	0.00683	2.3	2.3	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166066	0.00852	2.29	2.29	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166086	0.00328	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166086	0.00348	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166086	0.00375	4.65	4.65	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166086	0.0042	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166086	0.00482	3.82	3.82	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166086	0.00543	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166086	0.00592	3.65	3.65	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166086	0.00635	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166086	0.0066	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166086	0.00671	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166086	0.00681	3.73	3.73	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166086	0.00686	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166086	0.00681	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166086	0.00675	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166086	0.00658	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166086	0.00638	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166086	0.0062	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166086	0.00607	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166086	0.00602	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166086	0.00625	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166086	0.00672	2.59	2.59	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166086	0.00772	2.38	2.38	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166086	0.00986	2.34	2.34	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166086	0.01904	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166086	0.01541	3	3	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166086	0.01284	2.42	2.42	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166086	0.01088	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166086	0.00942	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166086	0.00831	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166106	0.00351	4.88	4.88	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166106	0.00385	4.68	4.68	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166106	0.00421	4.62	4.62	1.5	ANNUAL	PM25_28

UCART1	551944.8	4166106	0.00458	4.94	4.94	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166106	0.00528	5.06	5.06	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166106	0.00643	4.8	4.8	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166106	0.0077	4.16	4.16	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166106	0.00858	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166106	0.00901	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166106	0.00923	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166106	0.00922	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166106	0.0092	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166106	0.0091	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166106	0.00889	3.82	3.82	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166106	0.00859	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166106	0.00822	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166106	0.00778	2.54	2.54	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166106	0.00736	2.4	2.4	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166106	0.00702	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166106	0.0068	2.61	2.61	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166106	0.00667	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166106	0.00687	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166106	0.00741	2.78	2.78	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166106	0.00862	2.59	2.59	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166106	0.0111	2.47	2.47	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166106	0.01929	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166106	0.01578	2.84	2.84	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166106	0.01325	2.61	2.61	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166106	0.01135	2.68	2.68	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166106	0.0099	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166106	0.00876	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166126	0.00369	4.78	4.78	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166126	0.00442	4.77	4.77	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166126	0.00511	4.62	4.62	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166126	0.00582	4.62	4.62	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166126	0.00697	5	5	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166126	0.00912	5.31	5.31	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166126	0.01145	5.06	5.06	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166126	0.01315	4.41	4.41	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166126	0.01398	3.8	3.8	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166126	0.01404	3.46	3.46	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166126	0.01377	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166126	0.0133	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166126	0.01293	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166126	0.0124	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166126	0.01157	3.92	3.92	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166126	0.01064	3.71	3.71	1.5	ANNUAL	PM25_28

UCART1	552184.8	4166126	0.00979	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166126	0.00897	2.4	2.4	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166126	0.0083	2.26	2.26	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166126	0.0078	2.26	2.26	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166126	0.00748	2.35	2.35	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166126	0.00735	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166126	0.00754	2.78	2.78	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166126	0.00815	2.71	2.71	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166126	0.00949	2.58	2.58	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166126	0.01224	2.58	2.58	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166126	0.01955	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166126	0.0161	2.77	2.77	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166126	0.0136	2.74	2.74	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166126	0.01173	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166126	0.01028	2.75	2.75	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166126	0.00914	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166146	0.00341	4.84	4.84	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166146	0.00431	4.67	4.67	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166146	0.00571	4.62	4.62	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166146	0.00754	4.54	4.54	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166146	0.00988	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166146	0.01577	4.83	4.83	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166146	0.02009	5.39	5.39	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166146	0.02235	5.1	5.1	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166146	0.0234	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166146	0.02368	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166146	0.02313	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166146	0.02183	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166146	0.02046	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166146	0.01907	3.6	3.6	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166146	0.01698	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166146	0.01469	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166146	0.01275	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166146	0.01135	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166146	0.01013	2.61	2.61	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166146	0.00922	2.65	2.65	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166146	0.00858	2.6	2.6	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166146	0.00818	2.45	2.45	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166146	0.00805	2.45	2.45	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166146	0.00825	2.53	2.53	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166146	0.00892	2.38	2.38	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166146	0.01036	2.35	2.35	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166146	0.01327	2.69	2.69	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166146	0.01988	2.64	2.64	1.5	ANNUAL	PM25_28

UCART1	552484.8	4166146	0.01643	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166146	0.01394	2.81	2.81	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166146	0.01205	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166146	0.01061	2.87	2.87	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166146	0.00947	2.77	2.77	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166166	0.003	4.89	4.89	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166166	0.00376	4.93	4.93	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166166	0.00495	4.86	4.86	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166166	0.00722	4.75	4.75	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166166	0.04086	4.38	4.38	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166166	0.05036	4.46	4.46	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166166	0.04403	4.25	4.25	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166166	0.04739	3.97	3.97	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166166	0.04776	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166166	0.04479	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166166	0.04051	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166166	0.03579	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166166	0.02853	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166166	0.02235	3.3	3.3	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166166	0.01801	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166166	0.01497	3.09	3.09	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166166	0.01283	2.82	2.82	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166166	0.01124	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166166	0.0101	2.98	2.98	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166166	0.00933	2.97	2.97	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166166	0.00889	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166166	0.00875	2.62	2.62	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166166	0.00897	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166166	0.00971	2.68	2.68	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166166	0.01123	2.59	2.59	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166166	0.0142	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166166	0.02502	2.78	2.78	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166166	0.02024	2.15	2.15	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166166	0.01684	2.39	2.39	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166166	0.01425	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166166	0.01234	3.05	3.05	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166166	0.0109	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166166	0.00975	2.84	2.84	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166186	0.00258	4.79	4.79	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166186	0.00318	4.87	4.87	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166186	0.0041	4.91	4.91	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166186	0.00561	4.81	4.81	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166186	0.00878	4.68	4.68	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166186	0.04366	4.43	4.43	1.5	ANNUAL	PM25_28

UCART1	551944.8	4166186	0.03966	4.41	4.41	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166186	0.03999	4.15	4.15	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166186	0.04165	3.85	3.85	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166186	0.04401	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166186	0.04712	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166186	0.04566	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166186	0.05283	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166186	0.03565	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166186	0.02627	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166186	0.02049	3.02	3.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166186	0.01665	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166186	0.01403	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166186	0.01219	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166186	0.0109	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166186	0.01005	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166186	0.0096	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166186	0.00954	2.43	2.43	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166186	0.00985	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166186	0.01064	2.5	2.5	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166186	0.01218	2.51	2.51	1.5	ANNUAL	PM25_28
UCART1	552364.8	4166186	0.01517	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166186	0.01462	2.75	2.75	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166186	0.01271	2.74	2.74	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166186	0.01119	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166186	0.01	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166206	0.00267	4.8	4.8	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166206	0.00333	4.89	4.89	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166206	0.00439	4.78	4.78	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166206	0.00629	4.57	4.57	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166206	0.01025	4.46	4.46	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166206	0.0437	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166206	0.03424	4.84	4.84	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166206	0.03065	4.36	4.36	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166206	0.02921	3.85	3.85	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166206	0.02893	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166206	0.02965	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166206	0.03226	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166206	0.04707	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166206	0.03513	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166206	0.02703	3.26	3.26	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166206	0.02143	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166206	0.01746	3.61	3.61	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166206	0.01483	3.27	3.27	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166206	0.01294	3.16	3.16	1.5	ANNUAL	PM25_28

UCART1	552224.8	4166206	0.01164	3.07	3.07	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166206	0.01082	3.03	3.03	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166206	0.01047	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166206	0.02583	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166206	0.02095	2.12	2.12	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166206	0.013	1.62	1.62	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166206	0.0115	2.52	2.52	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166206	0.01023	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166226	0.00275	4.64	4.64	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166226	0.00351	4.4	4.4	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166226	0.00475	4.18	4.18	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166226	0.00694	4.27	4.27	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166226	0.0308	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166226	0.03363	4.66	4.66	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166226	0.02837	4.32	4.32	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166226	0.02554	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166226	0.0243	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166226	0.02476	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166226	0.02882	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166226	0.04232	3.69	3.69	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166226	0.03265	3.77	3.77	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166226	0.02621	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166226	0.02153	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166226	0.01795	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166226	0.0154	3.3	3.3	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166226	0.02596	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166226	0.01525	2.68	2.68	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166226	0.0133	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166226	0.0105	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166246	0.00283	4.53	4.53	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166246	0.00368	4.09	4.09	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166246	0.00506	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166246	0.00721	4.17	4.17	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166246	0.01094	4.33	4.33	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166246	0.01872	4.45	4.45	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166246	0.02167	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166246	0.03374	4.58	4.58	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166246	0.0275	4.41	4.41	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166246	0.02408	4.19	4.19	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166246	0.02258	4.1	4.1	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166246	0.02326	3.97	3.97	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166246	0.02874	3.76	3.76	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166246	0.03045	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166246	0.03984	3.73	3.73	1.5	ANNUAL	PM25_28

UCART1	552104.8	4166246	0.0313	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166246	0.02559	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166246	0.02157	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166246	0.0185	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166246	0.01372	2.05	2.05	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166246	0.01423	2.49	2.49	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166246	0.01428	3.16	3.16	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166246	0.01405	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166246	0.01391	3.27	3.27	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166246	0.01424	3.17	3.17	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166246	0.01537	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166246	0.03285	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166246	0.02606	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166246	0.02129	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166246	0.01792	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166246	0.01535	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166246	0.01339	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166246	0.01194	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166266	0.00292	4.46	4.46	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166266	0.00382	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166266	0.00519	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166266	0.00713	4.26	4.26	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166266	0.01058	4.33	4.33	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166266	0.01787	4.42	4.42	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166266	0.03399	4.6	4.6	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166266	0.02732	4.67	4.67	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166266	0.0237	4.56	4.56	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166266	0.02218	4.43	4.43	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166266	0.02303	4.25	4.25	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166266	0.029	3.92	3.92	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166266	0.03906	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166266	0.03935	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166266	0.03112	3.62	3.62	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166266	0.02561	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166266	0.02193	2.87	2.87	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166266	0.01694	2.78	2.78	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166266	0.02543	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166266	0.02048	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166266	0.01807	3.3	3.3	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166266	0.01657	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166266	0.01573	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166266	0.01566	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166266	0.01658	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166266	0.03318	3.27	3.27	1.5	ANNUAL	PM25_28

UCART1	552444.8	4166266	0.0263	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166266	0.02151	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166266	0.01816	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166266	0.01556	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166266	0.01354	3.62	3.62	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166266	0.01201	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166266	0.01077	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166286	0.00301	4.36	4.36	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166286	0.00388	4.11	4.11	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166286	0.00508	4.23	4.23	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166286	0.00694	4.11	4.11	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166286	0.01	4.18	4.18	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166286	0.01615	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166286	0.03675	4.49	4.49	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166286	0.02927	4.29	4.29	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166286	0.02487	4.28	4.28	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166286	0.02279	4.41	4.41	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166286	0.02342	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166286	0.02965	3.93	3.93	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166286	0.05258	3.56	3.56	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166286	0.03927	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166286	0.03136	3.49	3.49	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166286	0.02632	2.81	2.81	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166286	0.02098	2.55	2.55	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166286	0.03489	3.21	3.21	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166286	0.03994	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166286	0.02884	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166286	0.02277	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166286	0.01951	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166286	0.01779	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166286	0.01723	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166286	0.01791	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166286	0.03323	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166286	0.0264	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166286	0.02167	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166286	0.01834	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166286	0.01573	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166286	0.0137	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166286	0.01212	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166286	0.01088	3.65	3.65	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166306	0.00203	5.27	5.27	1.5	ANNUAL	PM25_28
UCART1	551784.8	4166306	0.00247	4.78	4.78	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166306	0.00307	4.32	4.32	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166306	0.00387	4.26	4.26	1.5	ANNUAL	PM25_28

UCART1	551844.8	4166306	0.00494	4.48	4.48	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166306	0.00667	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166306	0.00927	4	4	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166306	0.01383	4.2	4.2	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166306	0.0217	4.34	4.34	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166306	0.04402	4.36	4.36	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166306	0.0328	4.09	4.09	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166306	0.02695	4.13	4.13	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166306	0.02395	4.36	4.36	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166306	0.02406	4.29	4.29	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166306	0.02982	3.95	3.95	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166306	0.03894	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166306	0.04044	3.11	3.11	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166306	0.02595	3.31	3.31	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166306	0.04061	3.33	3.33	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166306	0.0451	3.61	3.61	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166306	0.04746	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166306	0.03594	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166306	0.02693	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166306	0.02235	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166306	0.01984	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166306	0.01884	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166306	0.01929	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166306	0.03309	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166306	0.02645	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166306	0.02182	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166306	0.01848	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166306	0.01586	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166306	0.01383	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166306	0.01224	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166306	0.01099	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166326	0.00209	4.79	4.79	1.5	ANNUAL	PM25_28
UCART1	551784.8	4166326	0.00252	4.51	4.51	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166326	0.00308	4.35	4.35	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166326	0.00381	4.39	4.39	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166326	0.0048	4.3	4.3	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166326	0.00635	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166326	0.00847	3.77	3.77	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166326	0.01184	4.09	4.09	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166326	0.01841	4.26	4.26	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166326	0.0372	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166326	0.02948	4.31	4.31	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166326	0.02554	4.29	4.29	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166326	0.02482	4.19	4.19	1.5	ANNUAL	PM25_28

UCART1	552044.8	4166326	0.02913	4.03	4.03	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166326	0.03018	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166326	0.02892	2.72	2.72	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166326	0.03651	2.98	2.98	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166326	0.04615	3.29	3.29	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166326	0.0499	3.47	3.47	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166326	0.0485	4.02	4.02	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166326	0.05084	3.64	3.64	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166326	0.04206	3.27	3.27	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166326	0.03041	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166326	0.02473	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166326	0.02171	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166326	0.02037	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166326	0.02063	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166326	0.03303	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166326	0.02663	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166326	0.02205	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166326	0.01866	3.03	3.03	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166326	0.01598	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166326	0.01397	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166326	0.01239	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166326	0.0111	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166346	0.00212	4.79	4.79	1.5	ANNUAL	PM25_28
UCART1	551784.8	4166346	0.00254	4.59	4.59	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166346	0.00302	5.05	5.05	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166346	0.00362	5.62	5.62	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166346	0.0045	5.2	5.2	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166346	0.00578	4.5	4.5	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166346	0.00762	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166346	0.01026	4.08	4.08	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166346	0.01481	4.28	4.28	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166346	0.0197	4.17	4.17	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166346	0.04406	4.15	4.15	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166346	0.03283	4.34	4.34	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166346	0.02745	4.32	4.32	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166346	0.02554	4.18	4.18	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166346	0.02804	4.03	4.03	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166346	0.04177	2.83	2.83	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166346	0.03863	2.89	2.89	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166346	0.04536	3.13	3.13	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166346	0.05039	3.24	3.24	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166346	0.05401	3.2	3.2	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166346	0.05506	3.38	3.38	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166346	0.05343	3.78	3.78	1.5	ANNUAL	PM25_28

Term131S	552224.8	4166346	0.05406	3.6	3.6	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166346	0.04756	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166346	0.03372	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166346	0.02682	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166346	0.02328	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166346	0.02171	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166346	0.02187	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166346	0.03284	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166346	0.02659	3.15	3.15	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166346	0.02213	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166346	0.01876	2.81	2.81	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166346	0.01604	3.3	3.3	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166346	0.01405	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166346	0.01246	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166346	0.01117	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166366	0.00214	4.82	4.82	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166366	0.00296	5.3	5.3	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166366	0.00348	6.04	6.04	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166366	0.00427	5.49	5.49	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166366	0.00534	4.89	4.89	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166366	0.00692	4.05	4.05	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166366	0.00907	4.02	4.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166366	0.01246	4.2	4.2	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166366	0.01931	4.1	4.1	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166366	0.03731	4.23	4.23	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166366	0.0299	4.26	4.26	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166366	0.02653	4.13	4.13	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166366	0.02664	3.98	3.98	1.5	ANNUAL	PM25_28
Term131S	552064.8	4166366	0.03171	3.93	3.93	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166366	0.04436	3.53	3.53	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166366	0.04904	3.46	3.46	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166366	0.05221	3.4	3.4	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166366	0.05536	3.26	3.26	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166366	0.05805	3.08	3.08	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166366	0.05866	3.2	3.2	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166366	0.05814	3.39	3.39	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166366	0.05678	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166366	0.05271	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166366	0.03702	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166366	0.02881	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166366	0.02466	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166366	0.02286	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166366	0.02297	3.15	3.15	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166366	0.03256	3.33	3.33	1.5	ANNUAL	PM25_28

UCART1	552444.8	4166366	0.02643	3.17	3.17	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166366	0.02208	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166366	0.01878	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166366	0.01606	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166366	0.01409	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166366	0.01248	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166366	0.01121	3.68	3.68	1.5	ANNUAL	PM25_28
UCART1	551764.8	4166386	0.00214	4.81	4.81	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166386	0.00295	4.48	4.48	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166386	0.00348	4.53	4.53	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166386	0.0042	4.19	4.19	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166386	0.00517	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166386	0.00641	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166386	0.00819	3.78	3.78	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166386	0.01088	3.86	3.86	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166386	0.01557	3.97	3.97	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166386	0.02357	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166386	0.04402	3.84	3.84	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166386	0.03327	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166386	0.02806	3.96	3.96	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166386	0.02585	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166386	0.0269	3.91	3.91	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166386	0.04148	3.46	3.46	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166386	0.04955	3.3	3.3	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166386	0.0544	3.17	3.17	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166386	0.05773	3.04	3.04	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166386	0.06003	2.93	2.93	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166386	0.06086	3.02	3.02	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166386	0.06019	3.26	3.26	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166386	0.05852	3.45	3.45	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166386	0.05562	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166386	0.0402	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166386	0.03081	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166386	0.02592	3.6	3.6	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166386	0.02383	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166386	0.02391	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166386	0.03232	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166386	0.02629	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166386	0.02195	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166386	0.01868	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166386	0.01603	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166386	0.01401	3.76	3.76	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166386	0.01242	4.08	4.08	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166386	0.01121	3.93	3.93	1.5	ANNUAL	PM25_28

UCART1	551764.8	4166406	0.00213	4.89	4.89	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166406	0.00288	4.43	4.43	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166406	0.00336	4.46	4.46	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166406	0.004	4.25	4.25	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166406	0.00487	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166406	0.00592	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166406	0.00743	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166406	0.00964	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166406	0.01311	3.93	3.93	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166406	0.02008	3.95	3.95	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166406	0.03744	3.79	3.79	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166406	0.02999	3.82	3.82	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166406	0.02628	3.78	3.78	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166406	0.02602	3.79	3.79	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166406	0.03888	3.45	3.45	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166406	0.04927	3.19	3.19	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166406	0.05468	3.05	3.05	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166406	0.05819	2.95	2.95	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166406	0.06066	2.86	2.86	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166406	0.06185	2.92	2.92	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166406	0.06129	3.19	3.19	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166406	0.05945	3.45	3.45	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166406	0.05734	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166406	0.04344	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166406	0.03275	3.45	3.45	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166406	0.02709	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166406	0.02465	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166406	0.02468	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166406	0.03196	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166406	0.02603	2.99	2.99	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166406	0.02176	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166406	0.01857	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166406	0.01599	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166406	0.01396	3.93	3.93	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166406	0.01242	4.17	4.17	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166406	0.01121	4.07	4.07	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166426	0.0028	4.47	4.47	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166426	0.00324	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166426	0.0038	4.45	4.45	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166426	0.00459	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166426	0.00551	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166426	0.00681	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166426	0.00866	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166426	0.01138	3.87	3.87	1.5	ANNUAL	PM25_28

UCART1	551964.8	4166426	0.0163	3.92	3.92	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166426	0.04171	3.69	3.69	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166426	0.03216	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166426	0.02732	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166426	0.02599	3.68	3.68	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166426	0.03576	3.46	3.46	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166426	0.04841	3.13	3.13	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166426	0.05437	3.01	3.01	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166426	0.05797	2.96	2.96	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166426	0.06069	2.86	2.86	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166426	0.06218	2.88	2.88	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166426	0.06172	3.17	3.17	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166426	0.05986	3.47	3.47	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166426	0.05822	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166426	0.04674	3.27	3.27	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166426	0.03446	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166426	0.02806	3.56	3.56	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166426	0.02527	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166426	0.02523	3.07	3.07	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166426	0.03151	2.98	2.98	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166426	0.0257	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166426	0.02155	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166426	0.01845	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166426	0.01592	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166426	0.01393	3.92	3.92	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166426	0.01243	3.99	3.99	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166426	0.0112	4.12	4.12	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166446	0.00316	4.03	4.03	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166446	0.00369	3.96	8.39	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166446	0.00436	3.65	8.39	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166446	0.00521	3.6	8.39	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166446	0.00634	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166446	0.0079	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166446	0.01017	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166446	0.01394	3.87	3.87	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166446	0.02251	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166446	0.03461	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166446	0.02854	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166446	0.02619	3.82	3.82	1.5	ANNUAL	PM25_28
Term131S	552084.8	4166446	0.032	3.47	3.47	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166446	0.04628	3.21	3.21	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166446	0.05275	3.22	3.22	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166446	0.05629	3.25	3.25	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166446	0.05939	3.12	3.12	1.5	ANNUAL	PM25_28

Term131S	552184.8	4166446	0.06183	2.94	2.94	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166446	0.06143	3.22	3.22	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166446	0.0598	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166446	0.05818	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166446	0.04974	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166446	0.03578	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166446	0.02871	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166446	0.02559	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166446	0.02553	3.09	3.09	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166446	0.03082	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166446	0.0253	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166446	0.02135	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166446	0.01833	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166446	0.0158	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166446	0.0139	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166446	0.01242	3.86	3.86	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166446	0.0112	4.01	4.01	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166466	0.00304	4.37	4.37	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166466	0.00347	4.91	8.39	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166466	0.00397	5.72	8.39	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166466	0.00472	5.25	8.39	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166466	0.00582	4.08	8.39	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166466	0.00729	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166466	0.00922	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166466	0.01227	3.83	3.83	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166466	0.01837	3.75	3.75	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166466	0.03773	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166466	0.03026	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166466	0.02696	3.73	3.73	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166466	0.0285	3.65	3.65	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166466	0.04349	3.36	3.36	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166466	0.05123	3.34	3.34	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166466	0.05513	3.38	3.38	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166466	0.05826	3.27	3.27	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166466	0.06116	3	3	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166466	0.06111	3.18	3.18	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166466	0.05984	3.42	3.42	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166466	0.05778	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552264.8	4166466	0.05248	3.43	3.43	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166466	0.03641	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166466	0.02881	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166466	0.02555	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166466	0.02554	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166466	0.03026	3.25	3.25	1.5	ANNUAL	PM25_28

UCART1	552444.8	4166466	0.02492	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166466	0.02108	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166466	0.01813	2.81	2.81	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166466	0.01567	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166466	0.01383	3.61	3.61	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166466	0.01238	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166486	0.00292	4.93	4.93	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166486	0.00327	6.14	8.39	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166486	0.00358	8.08	8.08	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166486	0.00428	7.1	7.1	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166486	0.00538	4.75	7.05	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166486	0.00679	3.32	7.05	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166486	0.00847	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166486	0.01102	3.78	3.78	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166486	0.01575	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166486	0.04189	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166486	0.0323	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166486	0.02793	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166486	0.02748	3.86	3.86	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166486	0.04096	3.54	3.54	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166486	0.04987	3.39	3.39	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166486	0.05439	3.4	3.4	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166486	0.05711	3.37	3.37	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166486	0.05999	3.06	3.06	1.5	ANNUAL	PM25_28
Term131S	552204.8	4166486	0.06014	3.06	3.06	1.5	ANNUAL	PM25_28
Term131S	552224.8	4166486	0.05523	3.27	3.27	1.5	ANNUAL	PM25_28
Term131S	552244.8	4166486	0.05335	3.4	3.4	1.5	ANNUAL	PM25_28
Term131S	552264.8	4166486	0.05089	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166486	0.03608	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166486	0.02817	3.56	3.56	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166486	0.02498	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166486	0.02533	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166486	0.0298	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166486	0.02448	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166486	0.0207	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166486	0.01786	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166486	0.01554	3.23	3.23	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166486	0.01374	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166486	0.01232	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166506	0.00284	4.76	4.76	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166506	0.00319	5.64	5.64	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166506	0.00354	7	7	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166506	0.00428	5.3	8.39	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166506	0.00519	4.02	7.05	1.5	ANNUAL	PM25_28

UCART1	551924.8	4166506	0.00635	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166506	0.0079	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166506	0.01014	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166506	0.01408	3.49	3.49	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166506	0.02291	3.46	3.46	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166506	0.04576	3.56	3.56	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166506	0.03401	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166506	0.02877	3.47	3.47	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166506	0.02761	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166506	0.0396	3.49	3.49	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166506	0.04849	3.41	3.41	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166506	0.05359	3.37	3.37	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166506	0.05612	3.37	3.37	1.5	ANNUAL	PM25_28
Term131S	552184.8	4166506	0.05735	3.18	3.18	1.5	ANNUAL	PM25_28
Term131S	552264.8	4166506	0.04228	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166506	0.03318	3.34	3.34	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166506	0.0262	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166506	0.0241	3.35	3.35	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166506	0.02523	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166506	0.02916	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166506	0.02399	3.17	3.17	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166506	0.02034	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166506	0.0176	2.84	2.84	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166506	0.01536	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166506	0.0136	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166506	0.01221	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166526	0.00277	4.47	4.47	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166526	0.00311	5.15	5.15	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166526	0.00351	5.83	5.83	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166526	0.00416	4.58	4.58	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166526	0.00495	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166526	0.00598	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166526	0.00738	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166526	0.00939	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166526	0.01279	3.52	3.52	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166526	0.01985	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166526	0.03558	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166526	0.02936	3.61	3.61	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166526	0.0271	3.47	3.47	1.5	ANNUAL	PM25_28
Term131S	552104.8	4166526	0.03654	3.5	3.5	1.5	ANNUAL	PM25_28
Term131S	552124.8	4166526	0.04624	3.41	3.41	1.5	ANNUAL	PM25_28
Term131S	552144.8	4166526	0.05011	3.34	3.34	1.5	ANNUAL	PM25_28
Term131S	552164.8	4166526	0.05107	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166526	0.02624	3.31	3.31	1.5	ANNUAL	PM25_28

UCART1	552304.8	4166526	0.0239	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166526	0.02334	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166526	0.02552	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166526	0.02824	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166526	0.02342	3	3	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166526	0.01996	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166526	0.01734	2.73	2.73	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166526	0.01519	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166526	0.01346	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166526	0.01094	4.08	4.08	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166546	0.00271	4.12	4.12	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166546	0.00304	4.64	4.64	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166546	0.00346	4.64	4.64	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166546	0.00399	4.55	4.55	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166546	0.00471	4.09	4.09	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166546	0.00565	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166546	0.00691	3.63	3.63	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166546	0.00875	3.65	3.65	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166546	0.01172	3.72	3.72	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166546	0.01755	3.74	3.74	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166546	0.0373	3.8	3.8	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166546	0.02988	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166546	0.02657	3.71	3.71	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166546	0.02382	3.25	3.25	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166546	0.02262	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166546	0.02303	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166546	0.02655	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166546	0.02731	2.82	2.82	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166546	0.02288	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166546	0.01962	2.63	2.63	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166546	0.01711	2.56	2.56	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166546	0.01505	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166546	0.01333	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166546	0.01087	3.87	3.87	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166566	0.00265	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166566	0.00299	3.85	3.85	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166566	0.00338	4.08	4.08	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166566	0.00387	4.2	4.2	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166566	0.00454	3.87	3.87	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166566	0.00541	3.62	3.62	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166566	0.00657	3.6	3.6	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166566	0.00827	3.59	3.59	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166566	0.01091	3.69	3.69	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166566	0.01591	3.64	3.64	1.5	ANNUAL	PM25_28

UCART1	552044.8	4166566	0.03968	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166566	0.03136	3.33	3.33	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166566	0.0269	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166566	0.02239	3.09	3.09	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166566	0.0232	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166566	0.02819	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166566	0.02647	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166566	0.02234	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166566	0.01928	2.62	2.62	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166566	0.01686	2.61	2.61	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166566	0.01482	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166566	0.01184	3.81	3.81	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166566	0.01075	3.9	3.9	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166586	0.00293	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166586	0.0033	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166586	0.00377	3.82	3.82	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166586	0.00439	3.67	3.67	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166586	0.0052	3.54	3.54	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166586	0.00629	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166586	0.00787	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166586	0.01026	3.51	3.51	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166586	0.0146	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166586	0.01932	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166586	0.04243	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166586	0.03261	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166586	0.02695	3.09	3.09	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166586	0.02348	3.24	3.24	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166586	0.02271	3	3	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166586	0.02382	2.83	2.83	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166586	0.02902	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166586	0.02594	2.73	2.73	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166586	0.02199	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166586	0.01903	2.62	2.62	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166586	0.01663	2.73	2.73	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166586	0.01459	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166586	0.01169	3.86	3.86	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166586	0.01061	3.93	3.93	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166606	0.00223	4.01	4.01	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166606	0.00286	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166606	0.00322	3.38	3.38	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166606	0.00368	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166606	0.00426	3.49	3.49	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166606	0.00501	3.49	3.49	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166606	0.00604	3.36	3.36	1.5	ANNUAL	PM25_28

UCART1	551964.8	4166606	0.00753	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166606	0.00972	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166606	0.01354	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166606	0.02207	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166606	0.03329	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166606	0.03362	3.26	3.26	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166606	0.02698	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166606	0.02332	3.23	3.23	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166606	0.02333	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166606	0.02472	2.71	2.71	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166606	0.0284	2.74	2.74	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166606	0.03101	2.47	2.47	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166606	0.02572	2.54	2.54	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166606	0.02184	2.55	2.55	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166606	0.01886	2.58	2.58	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166606	0.01641	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166606	0.01284	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166606	0.01153	3.86	3.86	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166606	0.01048	3.88	3.88	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166626	0.00218	4.01	4.01	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166626	0.00278	3.04	3.04	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166626	0.00315	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166626	0.00359	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166626	0.00414	3.29	3.29	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166626	0.00484	3.44	3.44	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166626	0.00579	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166626	0.00717	3.11	3.11	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166626	0.00921	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166626	0.01253	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166626	0.01936	2.93	2.93	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166626	0.03543	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166626	0.02782	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166626	0.02365	3.07	3.07	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166626	0.02418	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166626	0.02593	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166626	0.02877	2.76	2.76	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166626	0.03077	2.45	2.45	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166626	0.02561	2.48	2.48	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166626	0.02175	2.46	2.46	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166626	0.01867	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166626	0.01616	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166626	0.01268	3.37	3.37	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166626	0.01141	3.58	3.58	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166626	0.01038	3.71	3.71	1.5	ANNUAL	PM25_28

UCART1	551804.8	4166646	0.00214	3.84	3.84	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166646	0.00271	3.16	3.16	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166646	0.00307	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166646	0.0035	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166646	0.00402	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166646	0.00468	3.41	3.41	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166646	0.00556	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166646	0.00683	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166646	0.00867	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166646	0.01158	2.97	2.97	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166646	0.01725	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166646	0.03737	2.65	2.65	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166646	0.02891	3.06	3.06	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166646	0.02416	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166646	0.02556	2.96	2.96	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166646	0.02776	2.66	2.66	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166646	0.03003	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166646	0.03081	2.44	2.44	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166646	0.02561	2.43	2.43	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166646	0.02162	2.42	2.42	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166646	0.0184	2.79	2.79	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166646	0.01394	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166646	0.01252	3.18	3.18	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166646	0.0113	3.32	3.32	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166646	0.01031	3.55	3.55	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166666	0.00211	3.48	3.48	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166666	0.00262	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166666	0.00299	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166666	0.00341	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166666	0.0039	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166666	0.00452	3.42	3.42	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166666	0.00535	3.36	3.36	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166666	0.00651	3.13	3.13	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166666	0.00813	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166666	0.01067	3.19	3.19	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166666	0.0155	3	3	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166666	0.0394	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166666	0.03019	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166666	0.02478	2.86	2.86	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166666	0.02821	3.01	3.01	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166666	0.03078	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166666	0.03174	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166666	0.03102	2.45	2.45	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166666	0.02555	2.33	2.33	1.5	ANNUAL	PM25_28

UCART1	552444.8	4166666	0.0213	2.48	2.48	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166666	0.018	2.95	2.95	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166666	0.01374	3.31	3.31	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166666	0.01238	3.1	3.1	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166666	0.01122	3.4	3.4	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166666	0.0103	3.53	3.53	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166686	0.00206	3.57	3.57	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166686	0.00291	3	3	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166686	0.00332	2.91	2.91	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166686	0.0038	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166686	0.00439	3.22	3.22	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166686	0.00517	3.2	3.2	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166686	0.00624	3.02	3.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166686	0.00775	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166686	0.01003	2.97	2.97	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166686	0.01413	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166686	0.02128	2.85	2.85	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166686	0.04215	2.78	2.78	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166686	0.03164	2.77	2.77	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166686	0.02558	2.77	2.77	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166686	0.02175	3.02	3.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166686	0.03433	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166686	0.03655	2.57	320.02	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166686	0.03827	2.75	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166686	0.0309	2.54	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166686	0.02505	2.47	320.02	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166686	0.02075	2.66	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166686	0.01529	3.19	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166686	0.01363	3.09	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166686	0.01234	3.08	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166686	0.01127	3.35	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166686	0.0104	3.47	320.02	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166706	0.00202	3.5	3.5	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166706	0.00224	3.66	3.66	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166706	0.00283	3.12	3.12	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166706	0.00323	2.9	2.9	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166706	0.00369	2.94	2.94	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166706	0.00426	3.05	3.05	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166706	0.00498	3.08	3.08	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166706	0.00597	2.92	2.92	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166706	0.00738	2.72	2.72	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166706	0.00945	2.8	2.8	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166706	0.01299	2.89	2.89	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166706	0.02106	2.88	2.88	1.5	ANNUAL	PM25_28

UCART1	552084.8	4166706	0.03327	2.67	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166706	0.02643	2.79	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166706	0.02217	3	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166706	0.01997	2.45	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166706	0.02327	2.46	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166706	0.04629	2.57	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166706	0.05006	2.51	320.02	1.5	ANNUAL	PM25_28
UCART1	552324.8	4166706	0.04888	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552344.8	4166706	0.04974	2.69	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166706	0.03006	2.62	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166706	0.02418	2.71	320.02	1.5	ANNUAL	PM25_28
UCART1	552444.8	4166706	0.0201	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166706	0.0152	2.95	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166706	0.0137	2.88	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166706	0.01249	3.06	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166706	0.01149	3.24	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166706	0.01061	3.38	320.02	1.5	ANNUAL	PM25_28
UCART1	551804.8	4166726	0.00199	3.14	3.14	1.5	ANNUAL	PM25_28
UCART1	551824.8	4166726	0.0022	3.39	3.39	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166726	0.00275	3.28	3.28	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166726	0.00314	2.88	2.88	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166726	0.00359	2.83	2.83	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166726	0.00412	2.98	2.98	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166726	0.00479	3.08	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166726	0.00572	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166726	0.00698	2.85	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166726	0.00887	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166726	0.01199	2.88	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166726	0.01849	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166726	0.03509	2.57	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166726	0.02719	3.06	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166726	0.02246	3.32	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166726	0.01987	3.15	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166726	0.01873	2.73	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166726	0.01874	2.47	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166726	0.02004	2.29	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166726	0.02274	2.34	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166726	0.02693	2.41	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166726	0.03261	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166726	0.04067	2.33	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166726	0.04605	2.37	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166726	0.02866	2.54	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166726	0.02304	3.07	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166726	0.01537	2.82	320.02	1.5	ANNUAL	PM25_28

UCART1	552504.8	4166726	0.01407	2.75	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166726	0.0129	2.95	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166726	0.01183	3.19	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166726	0.0109	3.2	320.02	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166746	0.00268	3.33	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166746	0.00305	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166746	0.00348	2.72	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166746	0.00399	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166746	0.00462	2.93	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166746	0.00546	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166746	0.00662	2.93	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166746	0.00835	2.84	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166746	0.01115	2.82	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166746	0.01659	2.8	320.02	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166746	0.03701	2.64	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166746	0.02822	3.16	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166746	0.02308	3.29	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166746	0.02009	3.12	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166746	0.01845	2.82	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166746	0.0178	2.61	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166746	0.018	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166746	0.01897	2.44	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166746	0.02061	2.44	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166746	0.02286	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166746	0.02597	2.3	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166746	0.0303	2.35	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166746	0.02652	2.61	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166746	0.02186	3.27	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166746	0.01753	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166746	0.01618	2.74	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166746	0.01483	2.76	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166746	0.01344	3.16	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166746	0.01217	3.59	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166746	0.01114	3.44	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166766	0.00233	3.59	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166766	0.00296	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166766	0.00336	2.68	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166766	0.00385	2.71	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166766	0.00445	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166766	0.00521	3.16	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166766	0.0063	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166766	0.00788	2.89	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166766	0.01039	2.81	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166766	0.01504	2.74	320.02	1.5	ANNUAL	PM25_28

UCART1	552084.8	4166766	0.03927	2.73	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166766	0.02952	3.13	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166766	0.02391	3.12	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166766	0.02044	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166766	0.0183	2.94	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166766	0.01717	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166766	0.01673	2.75	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166766	0.01694	2.6	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166766	0.01768	2.54	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166766	0.01891	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166766	0.0208	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166766	0.02369	2.4	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166766	0.0249	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166766	0.02192	3.35	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166766	0.01964	2.72	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166766	0.01783	2.69	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166766	0.01587	2.87	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166766	0.01402	3.52	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166766	0.01247	4.2	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166766	0.01133	3.92	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166786	0.00227	3.63	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166786	0.00286	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166786	0.00324	2.83	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166786	0.0037	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166786	0.00426	3.1	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166786	0.00495	3.46	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166786	0.00602	2.97	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166786	0.00743	3.05	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166786	0.00966	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166786	0.01368	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166786	0.0208	2.8	320.02	1.5	ANNUAL	PM25_28
UCART1	552084.8	4166786	0.04216	2.74	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166786	0.03129	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166786	0.02493	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166786	0.02085	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166786	0.01829	3.05	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166786	0.01681	2.9	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166786	0.01612	2.54	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166786	0.01586	2.51	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166786	0.01608	2.59	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166786	0.01678	2.68	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166786	0.01808	2.69	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166786	0.02073	2.52	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166786	0.024	2.63	320.02	1.5	ANNUAL	PM25_28

UCART1	552484.8	4166786	0.01999	2.82	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166786	0.01695	3.25	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166786	0.0147	3.55	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166786	0.01294	3.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166786	0.01161	3.77	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166806	0.00221	3.63	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166806	0.00276	3.38	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166806	0.00311	3.23	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166806	0.00354	3.22	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166806	0.00407	3.32	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166806	0.00476	3.37	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166806	0.00575	2.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166806	0.00706	3.01	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166806	0.00906	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166806	0.01254	2.93	320.02	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166806	0.02035	2.83	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166806	0.03288	2.82	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166806	0.02581	2.95	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166806	0.0213	3.08	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166806	0.01843	3.12	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166806	0.01666	3.01	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166806	0.01575	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166806	0.01521	2.52	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166806	0.01515	2.61	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166806	0.01558	2.7	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166806	0.0167	2.73	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166806	0.01947	2.53	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166806	0.03582	3.47	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166806	0.03279	2.98	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166806	0.02761	2.52	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166806	0.02181	2.74	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166806	0.01797	3.17	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166806	0.01535	3.32	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166806	0.01336	3.59	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166806	0.01187	3.52	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166826	0.00215	3.59	320.02	1.5	ANNUAL	PM25_28
UCART1	551884.8	4166826	0.00265	3.73	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166826	0.00298	3.69	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166826	0.00338	3.63	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166826	0.00389	3.52	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166826	0.00458	3.21	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166826	0.0055	2.87	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166826	0.00673	2.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166826	0.00854	2.99	320.02	1.5	ANNUAL	PM25_28

UCART1	552044.8	4166826	0.01158	2.96	320.02	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166826	0.01792	2.85	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166826	0.03454	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166826	0.02671	3.15	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166826	0.02184	3.18	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166826	0.0187	3.15	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166826	0.01666	3.11	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166826	0.01554	2.58	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166826	0.01482	2.58	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166826	0.0146	2.59	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166826	0.01493	2.61	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166826	0.01606	2.62	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166826	0.01904	2.45	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166826	0.0321	3.92	320.02	1.5	ANNUAL	PM25_28
UCART1	552424.8	4166826	0.02973	2.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166826	0.02767	2.42	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166826	0.02237	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166826	0.01854	2.71	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166826	0.01576	2.86	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166826	0.01362	3.25	320.02	1.5	ANNUAL	PM25_28
UCART1	552564.8	4166826	0.01204	3.18	320.02	1.5	ANNUAL	PM25_28
UCART1	551844.8	4166846	0.0021	3.44	320.02	1.5	ANNUAL	PM25_28
UCART1	551864.8	4166846	0.00232	3.53	320.02	1.5	ANNUAL	PM25_28
UCART1	551904.8	4166846	0.00287	3.96	320.02	1.5	ANNUAL	PM25_28
UCART1	551924.8	4166846	0.00325	3.9	320.02	1.5	ANNUAL	PM25_28
UCART1	551944.8	4166846	0.00373	3.68	320.02	1.5	ANNUAL	PM25_28
UCART1	551964.8	4166846	0.00437	3.42	320.02	1.5	ANNUAL	PM25_28
UCART1	551984.8	4166846	0.00524	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	552004.8	4166846	0.0064	2.92	320.02	1.5	ANNUAL	PM25_28
UCART1	552024.8	4166846	0.00806	3	320.02	1.5	ANNUAL	PM25_28
UCART1	552044.8	4166846	0.01074	3.02	320.02	1.5	ANNUAL	PM25_28
UCART1	552064.8	4166846	0.01605	2.87	320.02	1.5	ANNUAL	PM25_28
UCART1	552104.8	4166846	0.0369	2.67	320.02	1.5	ANNUAL	PM25_28
UCART1	552124.8	4166846	0.02814	2.88	320.02	1.5	ANNUAL	PM25_28
UCART1	552144.8	4166846	0.02268	2.99	320.02	1.5	ANNUAL	PM25_28
UCART1	552164.8	4166846	0.01914	3.05	320.02	1.5	ANNUAL	PM25_28
UCART1	552184.8	4166846	0.01678	3.18	320.02	1.5	ANNUAL	PM25_28
UCART1	552204.8	4166846	0.01545	2.78	320.02	1.5	ANNUAL	PM25_28
UCART1	552224.8	4166846	0.01462	2.62	320.02	1.5	ANNUAL	PM25_28
UCART1	552244.8	4166846	0.01432	2.53	320.02	1.5	ANNUAL	PM25_28
UCART1	552264.8	4166846	0.01461	2.51	320.02	1.5	ANNUAL	PM25_28
UCART1	552284.8	4166846	0.01582	2.5	320.02	1.5	ANNUAL	PM25_28
UCART1	552304.8	4166846	0.01904	2.44	320.02	1.5	ANNUAL	PM25_28
UCART1	552404.8	4166846	0.03228	2.41	320.02	1.5	ANNUAL	PM25_28

UCART1	552424.8	4166846	0.02922	2.58	320.02	1.5	ANNUAL	PM25_28
UCART1	552464.8	4166846	0.0273	2.46	320.02	1.5	ANNUAL	PM25_28
UCART1	552484.8	4166846	0.02221	2.58	320.02	1.5	ANNUAL	PM25_28
UCART1	552504.8	4166846	0.0185	2.79	320.02	1.5	ANNUAL	PM25_28
UCART1	552524.8	4166846	0.01577	2.91	320.02	1.5	ANNUAL	PM25_28
UCART1	552544.8	4166846	0.01368	3.04	320.02	1.5	ANNUAL	PM25_28
UCART2	551904.6	4166869	0.00275	4.03	320.02	1.5	ANNUAL	PM25_28
UCART2	551924.6	4166869	0.0031	4.05	320.02	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166869	0.00356	3.81	320.02	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166869	0.00415	3.53	320.02	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166869	0.00494	3.22	320.02	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166869	0.00603	2.92	320.02	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166869	0.00753	3.02	320.02	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166869	0.00988	3.06	320.02	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166869	0.0143	2.84	320.02	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166869	0.01864	2.67	320.02	1.5	ANNUAL	PM25_28
UCART2	552104.6	4166869	0.03979	2.75	320.02	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166869	0.0298	2.87	320.02	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166869	0.02371	2.96	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166869	0.01975	3.04	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166869	0.01712	3.15	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166869	0.01548	3.03	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166869	0.01454	2.8	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166869	0.01418	2.59	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166869	0.0145	2.47	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166869	0.01581	2.45	320.02	1.5	ANNUAL	PM25_28
UCART2	552304.6	4166869	0.01935	2.45	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166869	0.02893	2.66	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166869	0.03171	2.02	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166869	0.0288	2.48	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166869	0.02695	2.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166869	0.02193	2.66	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166869	0.01829	2.85	320.02	1.5	ANNUAL	PM25_28
UCART2	552524.6	4166869	0.0156	3.01	320.02	1.5	ANNUAL	PM25_28
UCART2	552544.6	4166869	0.01357	2.99	320.02	1.5	ANNUAL	PM25_28
UCART2	551884.6	4166889	0.0024	3.59	356.4	1.5	ANNUAL	PM25_28
UCART2	551924.6	4166889	0.00299	4.08	320.02	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166889	0.00342	3.83	320.02	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166889	0.00397	3.51	320.02	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166889	0.0047	3.33	320.02	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166889	0.00573	2.95	320.02	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166889	0.00712	3.05	320.02	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166889	0.00925	3.08	320.02	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166889	0.0131	2.83	320.02	1.5	ANNUAL	PM25_28

UCART2	552084.6	4166889	0.02231	2.75	320.02	1.5	ANNUAL	PM25_28
UCART2	552104.6	4166889	0.04287	2.97	320.02	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166889	0.03127	2.99	320.02	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166889	0.02465	3.02	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166889	0.02033	3.08	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166889	0.01751	3.07	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166889	0.01562	3.2	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166889	0.01457	3.02	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166889	0.0142	2.74	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166889	0.01454	2.55	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166889	0.01596	2.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552304.6	4166889	0.01991	2.52	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166889	0.03713	2.72	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166889	0.03079	2.57	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166889	0.02836	2.6	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166889	0.02652	2.61	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166889	0.0216	2.7	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166889	0.01801	2.88	320.02	1.5	ANNUAL	PM25_28
UCART2	552524.6	4166889	0.01534	3.12	320.02	1.5	ANNUAL	PM25_28
UCART2	551924.6	4166909	0.00288	3.97	356.4	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166909	0.00329	3.62	356.4	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166909	0.00382	3.34	356.4	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166909	0.00449	3.25	356.4	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166909	0.00542	3.13	345.72	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166909	0.00672	3.09	320.02	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166909	0.00869	3.05	320.02	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166909	0.012	2.99	320.02	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166909	0.01919	2.94	320.02	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166909	0.03307	2.94	320.02	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166909	0.0257	3.07	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166909	0.02101	3.11	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166909	0.01799	3.01	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166909	0.01595	3.1	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166909	0.01473	3.17	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166909	0.01425	3.15	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166909	0.01456	3.12	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166909	0.01608	3.08	320.02	1.5	ANNUAL	PM25_28
UCART2	552304.6	4166909	0.02054	2.87	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166909	0.03621	2.72	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166909	0.02995	2.84	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166909	0.02766	2.91	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166909	0.02602	2.7	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166909	0.02127	2.58	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166909	0.01772	2.79	320.02	1.5	ANNUAL	PM25_28

UCART2	552524.6	4166909	0.01508	3.04	320.02	1.5	ANNUAL	PM25_28
UCART2	551904.6	4166929	0.00249	3.93	356.88	1.5	ANNUAL	PM25_28
UCART2	551924.6	4166929	0.00278	3.89	356.88	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166929	0.00316	3.65	356.88	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166929	0.00364	3.52	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166929	0.00429	3.22	356.4	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166929	0.00513	3.18	356.4	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166929	0.00633	3.14	356.4	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166929	0.00814	3.08	356.4	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166929	0.01109	3.03	356.4	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166929	0.017	2.98	320.02	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166929	0.03502	2.95	320.02	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166929	0.02693	3.05	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166929	0.0218	3.11	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166929	0.01847	3.14	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166929	0.01627	3.29	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166929	0.01497	3.4	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166929	0.01443	3.48	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166929	0.01477	3.5	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166929	0.01645	3.43	320.02	1.5	ANNUAL	PM25_28
UCART2	552304.6	4166929	0.02141	3.36	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166929	0.03467	2.77	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166929	0.02888	2.93	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166929	0.02692	3	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166929	0.02542	2.83	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166929	0.02085	2.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166929	0.01738	2.7	320.02	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166949	0.00303	3.84	356.88	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166949	0.00346	3.8	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166949	0.00408	3.23	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166949	0.00486	3.19	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166949	0.00596	3.21	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166949	0.00761	3.15	356.4	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166949	0.0103	3.03	356.4	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166949	0.0153	2.97	356.4	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166949	0.03724	2.98	345.72	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166949	0.02828	3.04	320.02	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166949	0.02271	3.11	320.02	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166949	0.01902	3.32	320.02	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166949	0.01665	3.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166949	0.0153	3.63	320.02	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166949	0.01478	3.7	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166949	0.01525	3.64	320.02	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166949	0.01723	3.57	320.02	1.5	ANNUAL	PM25_28

UCART2	552384.6	4166949	0.03279	2.84	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166949	0.0277	2.86	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166949	0.02618	2.88	320.02	1.5	ANNUAL	PM25_28
UCART2	552464.6	4166949	0.02475	3.01	320.02	1.5	ANNUAL	PM25_28
UCART2	552484.6	4166949	0.02036	2.53	320.02	1.5	ANNUAL	PM25_28
UCART2	552504.6	4166949	0.01699	2.62	320.02	1.5	ANNUAL	PM25_28
UCART2	551944.6	4166969	0.00289	4.26	356.88	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166969	0.00331	3.85	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166969	0.00386	3.49	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166969	0.00458	3.35	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166969	0.00558	3.37	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166969	0.00709	3.28	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166969	0.00951	3.16	356.88	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166969	0.01375	3.3	356.88	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166969	0.03983	3.09	356.4	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166969	0.02957	3.29	356.4	1.5	ANNUAL	PM25_28
UCART2	552164.6	4166969	0.02363	3.24	356.4	1.5	ANNUAL	PM25_28
UCART2	552184.6	4166969	0.01997	2.91	345.72	1.5	ANNUAL	PM25_28
UCART2	552284.6	4166969	0.01926	2.19	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166969	0.03092	3.01	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166969	0.02637	3.05	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166969	0.02501	3.54	320.02	1.5	ANNUAL	PM25_28
UCART2	551964.6	4166989	0.00315	4.16	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4166989	0.00366	3.67	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4166989	0.00432	3.5	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4166989	0.00523	3.48	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4166989	0.00658	3.41	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4166989	0.00873	3.34	356.88	1.5	ANNUAL	PM25_28
UCART2	552084.6	4166989	0.01246	3.5	356.88	1.5	ANNUAL	PM25_28
UCART2	552104.6	4166989	0.02152	3.14	356.88	1.5	ANNUAL	PM25_28
UCART2	552124.6	4166989	0.04333	3.09	356.88	1.5	ANNUAL	PM25_28
UCART2	552144.6	4166989	0.03172	2.83	356.88	1.5	ANNUAL	PM25_28
UCART2	552204.6	4166989	0.01843	2.19	356.4	1.5	ANNUAL	PM25_28
UCART2	552224.6	4166989	0.01663	3.33	345.72	1.5	ANNUAL	PM25_28
UCART2	552244.6	4166989	0.01647	3.13	320.02	1.5	ANNUAL	PM25_28
UCART2	552264.6	4166989	0.01791	2.47	320.02	1.5	ANNUAL	PM25_28
UCART2	552364.6	4166989	0.03646	3.32	320.02	1.5	ANNUAL	PM25_28
UCART2	552384.6	4166989	0.02944	2.74	320.02	1.5	ANNUAL	PM25_28
UCART2	552404.6	4166989	0.02516	3.08	320.02	1.5	ANNUAL	PM25_28
UCART2	552424.6	4166989	0.02423	3.48	320.02	1.5	ANNUAL	PM25_28
UCART2	551964.6	4167009	0.00297	4.62	356.88	1.5	ANNUAL	PM25_28
UCART2	551984.6	4167009	0.00347	3.8	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4167009	0.00407	3.64	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4167009	0.0049	3.55	356.88	1.5	ANNUAL	PM25_28

UCART2	552044.6	4167009	0.00609	3.54	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4167009	0.00797	3.56	356.88	1.5	ANNUAL	PM25_28
UCART2	552084.6	4167009	0.01129	3.58	356.88	1.5	ANNUAL	PM25_28
UCART2	552104.6	4167009	0.01846	3.57	356.88	1.5	ANNUAL	PM25_28
UCART2	552184.6	4167009	0.02131	3.64	356.88	1.5	ANNUAL	PM25_28
UCART2	552204.6	4167009	0.01874	3.57	356.4	1.5	ANNUAL	PM25_28
UCART2	552224.6	4167009	0.01726	4.03	356.4	1.5	ANNUAL	PM25_28
UCART2	552244.6	4167009	0.01734	4.2	348.95	1.5	ANNUAL	PM25_28
UCART2	552264.6	4167009	0.01975	4.36	320.02	1.5	ANNUAL	PM25_28
UCART2	551984.6	4167029	0.00326	4.15	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4167029	0.00382	3.82	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4167029	0.00459	3.55	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4167029	0.00565	3.58	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4167029	0.0073	3.56	356.88	1.5	ANNUAL	PM25_28
UCART2	552084.6	4167029	0.01046	2.77	356.88	1.5	ANNUAL	PM25_28
UCART2	552144.6	4167029	0.03548	3.29	356.88	1.5	ANNUAL	PM25_28
UCART2	552164.6	4167029	0.02769	3.03	356.88	1.5	ANNUAL	PM25_28
UCART2	552184.6	4167029	0.02226	3.98	356.88	1.5	ANNUAL	PM25_28
UCART2	552204.6	4167029	0.01971	3.96	356.88	1.5	ANNUAL	PM25_28
UCART2	552224.6	4167029	0.01877	3.93	356.88	1.5	ANNUAL	PM25_28
UCART2	552244.6	4167029	0.01966	4.07	356.4	1.5	ANNUAL	PM25_28
UCART2	551984.6	4167049	0.00306	4.63	356.88	1.5	ANNUAL	PM25_28
UCART2	552004.6	4167049	0.00358	3.92	356.88	1.5	ANNUAL	PM25_28
UCART2	552024.6	4167049	0.00429	3.36	356.88	1.5	ANNUAL	PM25_28
UCART2	552044.6	4167049	0.00529	3.04	356.88	1.5	ANNUAL	PM25_28
UCART2	552064.6	4167049	0.00682	2.79	356.88	1.5	ANNUAL	PM25_28
UCART2	552144.6	4167049	0.03794	3.84	356.88	1.5	ANNUAL	PM25_28
UCART2	552164.6	4167049	0.02966	3.61	356.88	1.5	ANNUAL	PM25_28
UCART2	552184.6	4167049	0.02418	4.13	356.88	1.5	ANNUAL	PM25_28
UCART2	552204.6	4167049	0.02153	4.14	356.88	1.5	ANNUAL	PM25_28
UCART2	552224.6	4167049	0.02129	3.85	356.88	1.5	ANNUAL	PM25_28

OPERATIONAL MOBILE-SOURCE PM2.5

Phase	Trips/day in Caleemod	CalEEMod One-way Trip Length (mi)
Operation - 131 South	5222.0	14.6
Operation - 131 North	4889.2	14.6

Phase	Aermod One-way Trip Length (mi)	VMT Scalar
Operation - U.S. 101 Southbound	0.47	0.03
Operation - U.S. 101 Northbound	0.84	0.06

Phase	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
Mobile Emissions - CalEEMod (tons/year)	5.0E-02	3.4E+00	3.4E+00
Mobile Emissions - CalEEMod (grams/second)	1.4E-03	9.6E-02	9.8E-02
Mobile Emissions Southbound - AERMOD (grams/second)	1.6E-03	1.1E-01	1.6E-03
Mobile Emissions Northbound - AERMOD (grams/second)	8.3E-05	5.5E-03	2.8E-03

Conversions	
365	days per year
24	hours per day
60	minutes per hour
60	seconds per minute
907185	grams per ton

ASSUMPTIONS

Road Segments within 1,000 feet	Length (m)			
MOBSB_PM25	759.8	U.S. 101 (Southbound)	assume 50% use U.S. 101 SB	50%
MOBNB_PM25	1348.1	U.S. 101 (Northbound)	assume 50% use U.S. 101 NB	
AERMOD segment	2,107.9			
meters to mile	6.21E-04			

GENERATOR EMISSIONS

Pollutant	Total Generator Emissions (tons/year)	Emissions per Generator (g/sec)	
PM2.5	0.30	3.60E-04	<- emissions from CalEEMod output file
PM10 Ex (DPM)	0.30	3.60E-04	<- emissions from CalEEMod output file

Generator Conversions	
365	days per year
24	hours per day
60	minutes per hour
60	seconds per minute
907185	grams per ton

24 500 kw project generators

LAB EMISSIONS

New lab square footage 816,000

Pollutant	Type II Annual EF (grams/sf/sec)*	Tons ROG per Year	Pounds ROG per day
Benzene	1.05E-10	1.06E-03	8.16E-03
CCl4	6.18E-10	6.24E-03	4.80E-02
Chloroform	8.27E-09	8.36E-02	6.43E-01
1,4-Dioxane	2.00E-10	2.02E-03	1.55E-02
Formaldehyde	7.77E-09	7.85E-02	6.04E-01
Hexane	4.21E-10	4.25E-03	3.27E-02
HCl	2.00E-08	2.02E-01	1.55E+00
IsopropylAlcoh	2.52E-08	2.55E-01	1.96E+00
Methanol	8.95E-08	9.04E-01	6.96E+00
MethyleneChlor	1.24E-09	1.25E-02	9.64E-02
Toluene	7.75E-10	7.83E-03	6.02E-02
Xylenes	1.54E-09	1.56E-02	1.20E-01
DMF	3.11E-10	3.14E-03	2.42E-02
TCE	6.25E-11	6.31E-04	4.86E-03
Hydrazine	6.77E-12	6.84E-05	5.26E-04
Perc	5.74E-12	5.80E-05	4.46E-04
Glutaraldhyd	2.44E-10	2.47E-03	1.90E-02
Triethylamine	1.32E-10	1.33E-03	1.03E-02
HF	1.51E-10	1.53E-03	1.17E-02
MethylBromide	6.26E-08	6.32E-01	4.86E+00
Acrylamide	6.17E-11	6.23E-04	4.80E-03
EDC	2.76E-10	2.79E-03	2.14E-02
Total		2.218E+00	17.06
Source: UC Davis 2018, Appendix D, page 85		3.582E-02	grams ROG/second/exhaust vent

Lab Conversions	
260	days per year
12	hours per day
60	minutes per hour
60	seconds per minute
0.00220462	lbs per gram
907185	grams per ton

5 I131 buildings/lab exhaust vents

Stack Height	Building height + 3.05 meters
Stack Diameter	0.914 meters
Exit Temperature	293.2 Kelvin
Exit Velocity	15.24 meters/sec

ROG SPECIATION

Max by Receptor Type	Annual Concentration (AVERAGE CONC) [ug/m^3]	1-hr Concentration (AVERAGE CONC) [ug/m^3]
DAYCARE	0.1028	7.68064
WORKER	0.71517	12.02833

DAYCARE

Benzene	4.92E-05	3.67E-03
CCl4	2.89E-04	2.16E-02
Chloroform	3.87E-03	2.89E-01
1,4-Dioxane	9.37E-05	7.00E-03
Formaldehyde	3.64E-03	2.72E-01
Hexane	1.97E-04	1.47E-02
HCl	9.37E-03	7.00E-01
IsopropylAlcoh	1.18E-02	8.82E-01
Methanol	4.19E-02	3.13E+00
MethyleneChlor	5.81E-04	4.34E-02
Toluene	3.63E-04	2.71E-02
Xylenes	7.21E-04	5.39E-02
DMF	1.46E-04	1.09E-02
TCE	2.93E-05	2.19E-03
Hydrazine	3.17E-06	2.37E-04
Perc	2.69E-06	2.01E-04
Glutaraldhyd	1.14E-04	8.54E-03
Triethylamine	6.18E-05	4.62E-03
HF	7.07E-05	5.28E-03
MethylBromide	2.93E-02	2.19E+00
Acrylamide	2.89E-05	2.16E-03
EDC	1.29E-04	9.66E-03

WORKER

Benzene	3.42E-04	5.75E-03
CCl4	2.01E-03	3.39E-02
Chloroform	2.69E-02	4.53E-01
1,4-Dioxane	6.52E-04	1.10E-02
Formaldehyde	2.53E-02	4.26E-01
Hexane	1.37E-03	2.31E-02
HCl	6.52E-02	1.10E+00
IsopropylAlcoh	8.21E-02	1.38E+00
Methanol	2.92E-01	4.90E+00
MethyleneChlor	4.04E-03	6.80E-02
Toluene	2.53E-03	4.25E-02
Xylenes	5.02E-03	8.44E-02
DMF	1.01E-03	1.70E-02
TCE	2.04E-04	3.43E-03
Hydrazine	2.21E-05	3.71E-04
Perc	1.87E-05	3.15E-04
Glutaraldhyd	7.95E-04	1.34E-02
Triethylamine	4.30E-04	7.23E-03
HF	4.92E-04	8.28E-03
MethylBromide	2.04E-01	3.43E+00
Acrylamide	2.01E-04	3.38E-03
EDC	8.99E-04	1.51E-02

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Rank	Net ID	Date (DATE
UCART1	552064.8	4166026	5.74838	4.6	4.6	1.5	1-HR	LAB	1ST		11/6/2013
UCART1	552084.8	4166026	5.95343	4.06	4.06	1.5	1-HR	LAB	1ST		11/6/2013
UCART1	552104.8	4166026	5.75421	3.76	3.76	1.5	1-HR	LAB	1ST		11/6/2013
UCART1	552124.8	4166026	5.83874	3.81	3.81	1.5	1-HR	LAB	1ST		12/22/2014
UCART1	552144.8	4166026	6.5066	3.84	3.84	1.5	1-HR	LAB	1ST		9/21/2015
UCART1	552164.8	4166026	6.81567	3.33	3.33	1.5	1-HR	LAB	1ST		9/21/2015
UCART1	552184.8	4166026	6.64669	3.35	3.35	1.5	1-HR	LAB	1ST		9/21/2015
UCART1	552204.8	4166026	6.83265	3.16	3.16	1.5	1-HR	LAB	1ST		10/14/2015
UCART1	552224.8	4166026	6.82162	3	3	1.5	1-HR	LAB	1ST		10/14/2015
UCART1	552244.8	4166026	6.41331	2.93	2.93	1.5	1-HR	LAB	1ST		10/14/2015
UCART1	552264.8	4166026	6.12632	2.94	2.94	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552284.8	4166026	6.35047	2.99	2.99	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552304.8	4166026	6.24615	2.98	2.98	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552324.8	4166026	5.91176	3.02	3.02	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552344.8	4166026	5.46136	2.88	2.88	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552364.8	4166026	5.26938	2.63	2.63	1.5	1-HR	LAB	1ST		9/19/2016
UCART1	552064.8	4166046	5.61877	3.83	3.83	1.5	1-HR	LAB	1ST		11/6/2013
UCART1	552084.8	4166046	5.9118	3.66	3.66	1.5	1-HR	LAB	1ST		11/6/2013
UCART1	552104.8	4166046	5.8019	3.73	3.73	1.5	1-HR	LAB	1ST		11/6/2013
UCART1	552124.8	4166046	5.78878	3.71	3.71	1.5	1-HR	LAB	1ST		12/22/2014
UCART1	552144.8	4166046	6.51225	3.55	3.55	1.5	1-HR	LAB	1ST		9/21/2015
UCART1	552164.8	4166046	6.84503	3.43	3.43	1.5	1-HR	LAB	1ST		9/21/2015
UCART1	552184.8	4166046	6.68007	3.46	3.46	1.5	1-HR	LAB	1ST		9/21/2015
UCART1	552204.8	4166046	6.86552	3.33	3.33	1.5	1-HR	LAB	1ST		10/14/2015
UCART1	552224.8	4166046	6.81825	3.19	3.19	1.5	1-HR	LAB	1ST		10/14/2015
UCART1	552244.8	4166046	6.36921	3.08	3.08	1.5	1-HR	LAB	1ST		10/14/2015
UCART1	552264.8	4166046	6.23023	3.04	3.04	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552284.8	4166046	6.36736	3.2	3.2	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552304.8	4166046	6.1848	3.03	3.03	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552324.8	4166046	5.79923	2.68	2.68	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552344.8	4166046	5.30669	2.44	2.44	1.5	1-HR	LAB	1ST		12/12/2013
UCART1	552364.8	4166046	5.32286	2.37	2.37	1.5	1-HR	LAB	1ST		9/19/2016
UCART1	551924.8	4166066	4.87286	4.58	4.58	1.5	1-HR	LAB	1ST		11/1/2013
UCART1	551944.8	4166066	4.98064	4.32	4.32	1.5	1-HR	LAB	1ST		11/1/2013
UCART1	551964.8	4166066	5.04727	4.31	4.31	1.5	1-HR	LAB	1ST		9/26/2017
UCART1	551984.8	4166066	5.01795	4.1	4.1	1.5	1-HR	LAB	1ST		9/26/2017
UCART1	552004.8	4166066	4.937	3.84	3.84	1.5	1-HR	LAB	1ST		10/25/2017
UCART1	552024.8	4166066	4.8726	3.7	3.7	1.5	1-HR	LAB	1ST		10/30/2014
UCART1	552044.8	4166066	5.1507	3.7	3.7	1.5	1-HR	LAB	1ST		4/7/2014 0
UCART1	552064.8	4166066	5.46614	3.53	3.53	1.5	1-HR	LAB	1ST		11/6/2013
UCART1	552084.8	4166066	5.8434	3.53	3.53	1.5	1-HR	LAB	1ST		11/6/2013
UCART1	552104.8	4166066	5.82419	3.76	3.76	1.5	1-HR	LAB	1ST		11/6/2013
UCART1	552124.8	4166066	5.72564	3.7	3.7	1.5	1-HR	LAB	1ST		12/22/2014
UCART1	552144.8	4166066	6.50718	3.5	3.5	1.5	1-HR	LAB	1ST		9/21/2015
UCART1	552164.8	4166066	6.86543	3.58	3.58	1.5	1-HR	LAB	1ST		9/21/2015
UCART1	552184.8	4166066	6.70544	3.42	3.42	1.5	1-HR	LAB	1ST		9/21/2015
UCART1	552204.8	4166066	6.88645	3.29	3.29	1.5	1-HR	LAB	1ST		10/14/2015
UCART1	552224.8	4166066	6.80095	3.24	3.24	1.5	1-HR	LAB	1ST		10/14/2015
UCART1	552244.8	4166066	6.31111	3.19	3.19	1.5	1-HR	LAB	1ST		10/14/2015
UCART1	552264.8	4166066	6.30402	3.18	3.18	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552284.8	4166066	6.35053	3.44	3.44	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552304.8	4166066	6.09451	2.99	2.99	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552324.8	4166066	5.66649	2.56	2.56	1.5	1-HR	LAB	1ST		11/21/2014
UCART1	552344.8	4166066	5.36883	2.3	2.3	1.5	1-HR	LAB	1ST		9/19/2016
UCART1	552364.8	4166066	5.29342	2.29	2.29	1.5	1-HR	LAB	1ST		9/19/2016
UCART1	551924.8	4166086	4.71199	4.55	4.55	1.5	1-HR	LAB	1ST		3/4/2016 0
UCART1	551944.8	4166086	4.8759	4.56	4.56	1.5	1-HR	LAB	1ST		11/1/2013

UCART1	551964.8	4166086	4.91211	4.65	4.65	1.5	1-HR	LAB	1ST	9/26/2017
UCART1	551984.8	4166086	4.98556	4.31	4.31	1.5	1-HR	LAB	1ST	9/26/2017
UCART1	552004.8	4166086	4.94156	3.82	3.82	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552024.8	4166086	4.74205	3.59	3.59	1.5	1-HR	LAB	1ST	9/27/2016
UCART1	552044.8	4166086	4.98694	3.65	3.65	1.5	1-HR	LAB	1ST	10/30/2014
UCART1	552064.8	4166086	5.29153	3.47	3.47	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552084.8	4166086	5.74829	3.58	3.58	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552104.8	4166086	5.81929	3.79	3.79	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552124.8	4166086	5.65509	3.73	3.73	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552144.8	4166086	6.49002	3.59	3.59	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552164.8	4166086	6.87529	3.72	3.72	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552184.8	4166086	6.72117	3.28	3.28	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552204.8	4166086	6.89339	3.1	3.1	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552224.8	4166086	6.76822	3.14	3.14	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166086	6.23856	3.22	3.22	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552264.8	4166086	6.34377	3.29	3.29	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552284.8	4166086	6.29845	3.67	3.67	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552304.8	4166086	5.97654	2.91	2.91	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552324.8	4166086	5.51696	2.59	2.59	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552344.8	4166086	5.39821	2.38	2.38	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552364.8	4166086	5.1828	2.34	2.34	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552464.8	4166086	4.2519	3.22	3.22	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552484.8	4166086	4.28893	3	3	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552504.8	4166086	4.20573	2.42	2.42	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552524.8	4166086	4.03775	2.92	2.92	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552544.8	4166086	3.71672	3.22	3.22	1.5	1-HR	LAB	1ST	12/17/2013
UCART1	552564.8	4166086	3.68755	3.43	3.43	1.5	1-HR	LAB	1ST	1/6/2014 1
UCART1	551884.8	4166106	4.78278	4.88	4.88	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551904.8	4166106	4.56735	4.68	4.68	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551924.8	4166106	4.71878	4.62	4.62	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551944.8	4166106	4.66404	4.94	4.94	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551964.8	4166106	4.83042	5.06	5.06	1.5	1-HR	LAB	1ST	11/1/2013
UCART1	551984.8	4166106	4.8899	4.8	4.8	1.5	1-HR	LAB	1ST	9/26/2017
UCART1	552004.8	4166106	4.99624	4.16	4.16	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552024.8	4166106	4.87811	3.68	3.68	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552044.8	4166106	4.98189	3.58	3.58	1.5	1-HR	LAB	1ST	8/20/2013
UCART1	552064.8	4166106	5.15557	3.51	3.51	1.5	1-HR	LAB	1ST	10/4/2016
UCART1	552084.8	4166106	5.6272	3.79	3.79	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552104.8	4166106	5.78584	3.64	3.64	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552124.8	4166106	5.66821	3.67	3.67	1.5	1-HR	LAB	1ST	7/9/2013 0
UCART1	552144.8	4166106	6.45899	3.82	3.82	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552164.8	4166106	6.8726	3.67	3.67	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552184.8	4166106	6.7253	3.06	3.06	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552204.8	4166106	6.88468	2.54	2.54	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552224.8	4166106	6.71945	2.4	2.4	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166106	6.1528	2.44	2.44	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552264.8	4166106	6.34672	2.61	2.61	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552284.8	4166106	6.21239	3.33	3.33	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552304.8	4166106	5.83386	2.91	2.91	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552324.8	4166106	5.4416	2.78	2.78	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552344.8	4166106	5.33253	2.59	2.59	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552364.8	4166106	4.99894	2.47	2.47	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552464.8	4166106	4.30164	2.99	2.99	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552484.8	4166106	4.21373	2.84	2.84	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552504.8	4166106	4.03878	2.61	2.61	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552524.8	4166106	3.65887	2.68	2.68	1.5	1-HR	LAB	1ST	12/17/2013
UCART1	552544.8	4166106	3.62122	2.89	2.89	1.5	1-HR	LAB	1ST	1/6/2014 1
UCART1	552564.8	4166106	3.52066	3.1	3.1	1.5	1-HR	LAB	1ST	1/6/2014 1

UCART1	551864.8	4166126	5.16932	4.78	4.78	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551884.8	4166126	5.03918	4.77	4.77	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551904.8	4166126	4.77197	4.62	4.62	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551924.8	4166126	4.57807	4.62	4.62	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551944.8	4166126	4.68514	5	5	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551964.8	4166126	4.68929	5.31	5.31	1.5	1-HR	LAB	1ST	11/1/2013
UCART1	551984.8	4166126	4.73882	5.06	5.06	1.5	1-HR	LAB	1ST	9/26/2017
UCART1	552004.8	4166126	4.97517	4.41	4.41	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552024.8	4166126	4.9769	3.8	3.8	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552044.8	4166126	5.0608	3.46	3.46	1.5	1-HR	LAB	1ST	8/20/2013
UCART1	552064.8	4166126	5.07875	3.37	3.37	1.5	1-HR	LAB	1ST	8/20/2013
UCART1	552084.8	4166126	5.4808	3.67	3.67	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552104.8	4166126	5.7238	3.59	3.59	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552124.8	4166126	5.68637	3.71	3.71	1.5	1-HR	LAB	1ST	7/9/2013 0
UCART1	552144.8	4166126	6.41161	3.92	3.92	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552164.8	4166126	6.85414	3.71	3.71	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552184.8	4166126	6.71467	2.89	2.89	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552204.8	4166126	6.85753	2.4	2.4	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552224.8	4166126	6.6515	2.26	2.26	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166126	6.15901	2.26	2.26	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552264.8	4166126	6.30897	2.35	2.35	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552284.8	4166126	6.093	2.93	2.93	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552304.8	4166126	5.67168	2.78	2.78	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552324.8	4166126	5.43792	2.71	2.71	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552344.8	4166126	5.17569	2.58	2.58	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552364.8	4166126	4.7561	2.58	2.58	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552464.8	4166126	4.21662	2.8	2.8	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552484.8	4166126	4.03421	2.77	2.77	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552504.8	4166126	3.60442	2.74	2.74	1.5	1-HR	LAB	1ST	1/6/2014 1
UCART1	552524.8	4166126	3.53637	2.66	2.66	1.5	1-HR	LAB	1ST	1/6/2014 1
UCART1	552544.8	4166126	3.42203	2.75	2.75	1.5	1-HR	LAB	1ST	1/6/2014 1
UCART1	552564.8	4166126	3.36799	2.86	2.86	1.5	1-HR	LAB	1ST	11/24/2014
UCART1	551844.8	4166146	5.21567	4.84	4.84	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551864.8	4166146	5.28025	4.67	4.67	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551884.8	4166146	5.20196	4.62	4.62	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551904.8	4166146	5.03928	4.54	4.54	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551924.8	4166146	4.73273	4.56	4.56	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551944.8	4166146	4.54817	4.83	4.83	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551964.8	4166146	4.60518	5.39	5.39	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551984.8	4166146	4.61688	5.1	5.1	1.5	1-HR	LAB	1ST	11/1/2013
UCART1	552004.8	4166146	4.86575	4.55	4.55	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552024.8	4166146	5.0104	3.9	3.9	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552044.8	4166146	5.07696	3.34	3.34	1.5	1-HR	LAB	1ST	8/20/2013
UCART1	552064.8	4166146	5.17155	3.12	3.12	1.5	1-HR	LAB	1ST	8/20/2013
UCART1	552084.8	4166146	5.36734	3.31	3.31	1.5	1-HR	LAB	1ST	10/4/2016
UCART1	552104.8	4166146	5.64989	3.6	3.6	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552124.8	4166146	5.65405	3.81	3.81	1.5	1-HR	LAB	1ST	7/9/2013 0
UCART1	552144.8	4166146	6.34477	3.9	3.9	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552164.8	4166146	6.81597	3.81	3.81	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552184.8	4166146	6.68574	2.76	2.76	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552204.8	4166146	6.80973	2.61	2.61	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552224.8	4166146	6.56407	2.65	2.65	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166146	6.1804	2.6	2.6	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552264.8	4166146	6.23003	2.45	2.45	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552284.8	4166146	5.94376	2.45	2.45	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552304.8	4166146	5.49668	2.53	2.53	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552324.8	4166146	5.32547	2.38	2.38	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552344.8	4166146	4.93952	2.35	2.35	1.5	1-HR	LAB	1ST	9/19/2016

UCART1	552364.8	4166146	4.20788	2.69	2.69	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552464.8	4166146	4.02352	2.64	2.64	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552484.8	4166146	3.60931	2.79	2.79	1.5	1-HR	LAB	1ST	1/7/2015 1
UCART1	552504.8	4166146	3.49659	2.81	2.81	1.5	1-HR	LAB	1ST	1/7/2015 1
UCART1	552524.8	4166146	3.40633	2.89	2.89	1.5	1-HR	LAB	1ST	6/11/2015
UCART1	552544.8	4166146	3.48803	2.87	2.87	1.5	1-HR	LAB	1ST	10/13/2015
UCART1	552564.8	4166146	3.59007	2.77	2.77	1.5	1-HR	LAB	1ST	10/13/2015
UCART1	551824.8	4166166	5.89928	4.89	4.89	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551844.8	4166166	5.47658	4.93	4.93	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551864.8	4166166	5.2805	4.86	4.86	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551884.8	4166166	5.32304	4.75	4.75	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551944.8	4166166	4.69407	4.38	4.38	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	551964.8	4166166	4.57442	4.46	4.46	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551984.8	4166166	4.45062	4.25	4.25	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	552004.8	4166166	4.56329	3.97	3.97	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552024.8	4166166	4.96638	3.68	3.68	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552044.8	4166166	5.02676	3.45	3.45	1.5	1-HR	LAB	1ST	8/20/2013
UCART1	552064.8	4166166	5.19087	3.38	3.38	1.5	1-HR	LAB	1ST	8/20/2013
UCART1	552084.8	4166166	5.26235	3.33	3.33	1.5	1-HR	LAB	1ST	10/4/2016
UCART1	552104.8	4166166	5.56858	3.31	3.31	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552124.8	4166166	5.60364	3.3	3.3	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552144.8	4166166	6.2548	3.24	3.24	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552164.8	4166166	6.75375	3.09	3.09	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552184.8	4166166	6.63503	2.82	2.82	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552204.8	4166166	6.73961	2.85	2.85	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552224.8	4166166	6.457	2.98	2.98	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166166	6.16106	2.97	2.97	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552264.8	4166166	6.11144	2.76	2.76	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552284.8	4166166	5.77022	2.62	2.62	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552304.8	4166166	5.42253	2.79	2.79	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552324.8	4166166	5.1114	2.68	2.68	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552344.8	4166166	4.64466	2.59	2.59	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552364.8	4166166	3.94899	2.9	2.9	1.5	1-HR	LAB	1ST	12/8/2016
UCART1	552444.8	4166166	4.00543	2.78	2.78	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552464.8	4166166	3.62297	2.15	2.15	1.5	1-HR	LAB	1ST	6/11/2015
UCART1	552484.8	4166166	3.63146	2.39	2.39	1.5	1-HR	LAB	1ST	6/11/2015
UCART1	552504.8	4166166	3.57505	2.93	2.93	1.5	1-HR	LAB	1ST	6/11/2015
UCART1	552524.8	4166166	3.62148	3.05	3.05	1.5	1-HR	LAB	1ST	10/13/2015
UCART1	552544.8	4166166	3.64278	2.99	2.99	1.5	1-HR	LAB	1ST	10/13/2015
UCART1	552564.8	4166166	3.57872	2.84	2.84	1.5	1-HR	LAB	1ST	10/13/2015
UCART1	551804.8	4166186	6.4988	4.79	4.79	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551824.8	4166186	6.20851	4.87	4.87	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551844.8	4166186	5.97532	4.91	4.91	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551864.8	4166186	5.52993	4.81	4.81	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551884.8	4166186	5.33113	4.68	4.68	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551924.8	4166186	5.19589	4.43	4.43	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551944.8	4166186	4.94934	4.41	4.41	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551964.8	4166186	4.79279	4.15	4.15	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	551984.8	4166186	4.54938	3.85	3.85	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552004.8	4166186	4.36113	3.64	3.64	1.5	1-HR	LAB	1ST	11/1/2013
UCART1	552024.8	4166186	4.83369	3.52	3.52	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552044.8	4166186	4.92697	3.48	3.48	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552084.8	4166186	5.12307	3.4	3.4	1.5	1-HR	LAB	1ST	10/4/2016
UCART1	552104.8	4166186	5.50213	3.25	3.25	1.5	1-HR	LAB	1ST	10/4/2016
UCART1	552124.8	4166186	5.59182	3.11	3.11	1.5	1-HR	LAB	1ST	11/6/2013
UCART1	552144.8	4166186	6.13903	3.02	3.02	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552164.8	4166186	6.66278	3.01	3.01	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552184.8	4166186	6.55718	2.99	2.99	1.5	1-HR	LAB	1ST	9/21/2015

UCART1	552204.8	4166186	6.64627	3.04	3.04	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552224.8	4166186	6.33205	3.14	3.14	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166186	6.29543	3.13	3.13	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552264.8	4166186	5.95932	2.89	2.89	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552284.8	4166186	5.58448	2.43	2.43	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552304.8	4166186	5.24974	2.44	2.44	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552324.8	4166186	4.81572	2.5	2.5	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552344.8	4166186	4.15049	2.51	2.51	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552364.8	4166186	4.2265	2.91	2.91	1.5	1-HR	LAB	1ST	11/23/2017
UCART1	552504.8	4166186	3.67796	2.75	2.75	1.5	1-HR	LAB	1ST	10/13/2015
UCART1	552524.8	4166186	3.61249	2.74	2.74	1.5	1-HR	LAB	1ST	10/13/2015
UCART1	552544.8	4166186	3.48436	2.92	2.92	1.5	1-HR	LAB	1ST	10/13/2015
UCART1	552564.8	4166186	3.45087	2.96	2.96	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	551804.8	4166206	6.7129	4.8	4.8	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551824.8	4166206	6.57442	4.89	4.89	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551844.8	4166206	6.28987	4.78	4.78	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551864.8	4166206	6.03058	4.57	4.57	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551884.8	4166206	5.55771	4.46	4.46	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551924.8	4166206	5.34469	4.56	4.56	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551944.8	4166206	5.14041	4.84	4.84	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551964.8	4166206	4.83914	4.36	4.36	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	551984.8	4166206	4.78658	3.85	3.85	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552004.8	4166206	4.41962	3.53	3.53	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552024.8	4166206	4.49988	3.4	3.4	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552044.8	4166206	4.85084	3.42	3.42	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552084.8	4166206	4.99354	3.52	3.52	1.5	1-HR	LAB	1ST	8/20/2013
UCART1	552104.8	4166206	5.41545	3.41	3.41	1.5	1-HR	LAB	1ST	10/4/2016
UCART1	552124.8	4166206	5.61652	3.26	3.26	1.5	1-HR	LAB	1ST	2/25/2014
UCART1	552144.8	4166206	5.99305	3.29	3.29	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552164.8	4166206	6.53564	3.61	3.61	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552184.8	4166206	6.44353	3.27	3.27	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552204.8	4166206	6.52893	3.16	3.16	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552224.8	4166206	6.29847	3.07	3.07	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552244.8	4166206	6.27768	3.03	3.03	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552264.8	4166206	5.78364	2.8	2.8	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552444.8	4166206	3.93769	2.72	2.72	1.5	1-HR	LAB	1ST	6/11/2015
UCART1	552464.8	4166206	3.8509	2.12	2.12	1.5	1-HR	LAB	1ST	6/11/2015
UCART1	552524.8	4166206	3.51045	1.62	1.62	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552544.8	4166206	3.6136	2.52	2.52	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552564.8	4166206	3.66114	3.11	3.11	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	551804.8	4166226	6.68675	4.64	4.64	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551824.8	4166226	6.74175	4.4	4.4	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551844.8	4166226	6.63103	4.18	4.18	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551864.8	4166226	6.34856	4.27	4.27	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551924.8	4166226	5.36507	4.56	4.56	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551944.8	4166226	5.29744	4.66	4.66	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551964.8	4166226	5.03378	4.32	4.32	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551984.8	4166226	4.84296	3.96	3.96	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552004.8	4166226	4.64183	3.79	3.79	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552024.8	4166226	4.2184	3.68	3.68	1.5	1-HR	LAB	1ST	3/22/2016
UCART1	552044.8	4166226	4.69635	3.59	3.59	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552084.8	4166226	4.84475	3.69	3.69	1.5	1-HR	LAB	1ST	8/20/2013
UCART1	552104.8	4166226	5.29909	3.77	3.77	1.5	1-HR	LAB	1ST	10/4/2016
UCART1	552124.8	4166226	5.56759	3.55	3.55	1.5	1-HR	LAB	1ST	2/25/2014
UCART1	552144.8	4166226	6.54056	3.36	3.36	1.5	1-HR	LAB	1ST	8/6/2014 0
UCART1	552164.8	4166226	7.71229	3.5	3.5	1.5	1-HR	LAB	1ST	8/6/2014 0
UCART1	552184.8	4166226	7.94548	3.3	3.3	1.5	1-HR	LAB	1ST	8/6/2014 0
UCART1	552444.8	4166226	3.89554	3.1	3.1	1.5	1-HR	LAB	1ST	6/11/2015

UCART1	552504.8	4166226	3.66163	2.68	2.68	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552524.8	4166226	3.69919	2.44	2.44	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552564.8	4166226	3.69078	2.72	2.72	1.5	1-HR	LAB	1ST	1/24/2013
UCART1	551804.8	4166246	6.38594	4.53	4.53	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551824.8	4166246	6.64093	4.09	4.09	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551844.8	4166246	6.73479	3.83	3.83	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551864.8	4166246	6.63834	4.17	4.17	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551884.8	4166246	6.3619	4.33	4.33	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551904.8	4166246	5.91121	4.45	4.45	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551924.8	4166246	5.47875	4.55	4.55	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551944.8	4166246	5.33001	4.58	4.58	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551964.8	4166246	5.21465	4.41	4.41	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551984.8	4166246	4.91509	4.19	4.19	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552004.8	4166246	4.69629	4.1	4.1	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552024.8	4166246	4.34678	3.97	3.97	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552044.8	4166246	4.34277	3.76	3.76	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552064.8	4166246	4.61709	3.57	3.57	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552084.8	4166246	4.6647	3.73	3.73	1.5	1-HR	LAB	1ST	2/25/2014
UCART1	552104.8	4166246	5.62455	3.88	3.88	1.5	1-HR	LAB	1ST	2/25/2014
UCART1	552124.8	4166246	7.35104	3.66	3.66	1.5	1-HR	LAB	1ST	11/13/2013
UCART1	552144.8	4166246	9.88428	3.24	3.24	1.5	1-HR	LAB	1ST	8/6/2014 0
UCART1	552164.8	4166246	10.18532	2.96	2.96	1.5	1-HR	LAB	1ST	5/14/2014
UCART1	552224.8	4166246	11.02593	2.05	2.05	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166246	9.48094	2.49	2.49	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552264.8	4166246	6.17031	3.16	3.16	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552284.8	4166246	5.04136	3.22	3.22	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552304.8	4166246	4.79074	3.27	3.27	1.5	1-HR	LAB	1ST	8/11/2014
UCART1	552324.8	4166246	4.68124	3.17	3.17	1.5	1-HR	LAB	1ST	8/11/2014
UCART1	552344.8	4166246	4.58738	3.13	3.13	1.5	1-HR	LAB	1ST	1/26/2015
UCART1	552424.8	4166246	3.83332	3.35	3.35	1.5	1-HR	LAB	1ST	6/11/2015
UCART1	552444.8	4166246	3.61483	3.41	3.41	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552464.8	4166246	3.69259	3.48	3.48	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552484.8	4166246	3.71806	3.32	3.32	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552504.8	4166246	3.69911	3.36	3.36	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552524.8	4166246	3.68125	3.39	3.39	1.5	1-HR	LAB	1ST	1/24/2013
UCART1	552544.8	4166246	3.85171	2.86	2.86	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	551804.8	4166266	5.82838	4.46	4.46	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551824.8	4166266	6.24991	3.96	3.96	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551844.8	4166266	6.54326	3.72	3.72	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551864.8	4166266	6.65765	4.26	4.26	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551884.8	4166266	6.59546	4.33	4.33	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551904.8	4166266	6.32259	4.42	4.42	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551944.8	4166266	5.21089	4.6	4.6	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551964.8	4166266	5.27027	4.67	4.67	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551984.8	4166266	5.10633	4.56	4.56	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552004.8	4166266	4.79855	4.43	4.43	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552024.8	4166266	4.38532	4.25	4.25	1.5	1-HR	LAB	1ST	8/18/2016
UCART1	552044.8	4166266	4.14705	3.92	3.92	1.5	1-HR	LAB	1ST	4/8/2014 0
UCART1	552064.8	4166266	4.44951	3.43	3.43	1.5	1-HR	LAB	1ST	7/31/2017
UCART1	552084.8	4166266	6.10727	3.57	3.57	1.5	1-HR	LAB	1ST	2/25/2014
UCART1	552104.8	4166266	8.22654	3.62	3.62	1.5	1-HR	LAB	1ST	9/1/2017 0
UCART1	552124.8	4166266	9.55295	3.48	3.48	1.5	1-HR	LAB	1ST	9/7/2015 0
UCART1	552144.8	4166266	9.90794	2.87	2.87	1.5	1-HR	LAB	1ST	5/14/2014
UCART1	552204.8	4166266	11.28721	2.78	2.78	1.5	1-HR	LAB	1ST	10/6/2015
Term131S	552224.8	4166266	11.47348	3.06	3.06	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166266	9.69258	3.13	3.13	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552264.8	4166266	8.62316	3.3	3.3	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552284.8	4166266	6.36804	3.43	3.43	1.5	1-HR	LAB	1ST	10/14/2015

UCART1	552304.8	4166266	5.92805	3.47	3.47	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552324.8	4166266	5.37282	3.34	3.34	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552344.8	4166266	4.60236	3.22	3.22	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552424.8	4166266	3.69998	3.27	3.27	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552444.8	4166266	3.71192	3.43	3.43	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552464.8	4166266	3.68072	3.54	3.54	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552484.8	4166266	3.65087	3.32	3.32	1.5	1-HR	LAB	1ST	1/24/2013
UCART1	552504.8	4166266	3.83172	3.44	3.44	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552524.8	4166266	3.66299	3.62	3.62	1.5	1-HR	LAB	1ST	1/8/2013 1
UCART1	552544.8	4166266	3.66371	3.52	3.52	1.5	1-HR	LAB	1ST	1/8/2013 1
UCART1	552564.8	4166266	3.64224	3.38	3.38	1.5	1-HR	LAB	1ST	1/8/2013 1
UCART1	551804.8	4166286	5.08303	4.36	4.36	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551824.8	4166286	5.60231	4.11	4.11	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551844.8	4166286	6.04185	4.23	4.23	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551864.8	4166286	6.37179	4.11	4.11	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551884.8	4166286	6.53103	4.18	4.18	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551904.8	4166286	6.45986	4.31	4.31	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551944.8	4166286	5.66642	4.49	4.49	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551964.8	4166286	5.16789	4.29	4.29	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551984.8	4166286	5.19848	4.28	4.28	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552004.8	4166286	4.99277	4.41	4.41	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552024.8	4166286	4.56434	4.31	4.31	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552044.8	4166286	4.59139	3.93	3.93	1.5	1-HR	LAB	1ST	10/13/2014
UCART1	552064.8	4166286	5.71283	3.56	3.56	1.5	1-HR	LAB	1ST	11/7/2013
UCART1	552084.8	4166286	6.98832	3.47	3.47	1.5	1-HR	LAB	1ST	2/25/2014
UCART1	552104.8	4166286	8.44009	3.49	3.49	1.5	1-HR	LAB	1ST	9/1/2017 0
UCART1	552124.8	4166286	8.8654	2.81	2.81	1.5	1-HR	LAB	1ST	10/17/2013
UCART1	552184.8	4166286	11.91765	2.55	2.55	1.5	1-HR	LAB	1ST	8/6/2014 0
Term131S	552204.8	4166286	11.82058	3.21	3.21	1.5	1-HR	LAB	1ST	10/14/2015
Term131S	552224.8	4166286	11.48303	3.31	3.31	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166286	9.19246	3.28	3.28	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552264.8	4166286	9.06003	3.38	3.38	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552284.8	4166286	7.26366	3.53	3.53	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552304.8	4166286	6.67132	3.59	3.59	1.5	1-HR	LAB	1ST	2/11/2016
UCART1	552324.8	4166286	7.14264	3.45	3.45	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552344.8	4166286	6.11038	3.25	3.25	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552424.8	4166286	3.76352	3.33	3.33	1.5	1-HR	LAB	1ST	11/14/2013
UCART1	552444.8	4166286	3.66182	3.51	3.51	1.5	1-HR	LAB	1ST	11/14/2013
UCART1	552464.8	4166286	3.78443	3.57	3.57	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552484.8	4166286	3.63195	3.34	3.34	1.5	1-HR	LAB	1ST	1/8/2013 1
UCART1	552504.8	4166286	3.61395	3.47	3.47	1.5	1-HR	LAB	1ST	1/8/2013 1
UCART1	552524.8	4166286	3.59848	3.68	3.68	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552544.8	4166286	3.69012	3.74	3.74	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552564.8	4166286	3.7629	3.65	3.65	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	551764.8	4166306	3.99238	5.27	5.27	1.5	1-HR	LAB	1ST	10/17/2017
UCART1	551784.8	4166306	4.05959	4.78	4.78	1.5	1-HR	LAB	1ST	1/12/2015
UCART1	551804.8	4166306	4.2463	4.32	4.32	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551824.8	4166306	4.79201	4.26	4.26	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551844.8	4166306	5.31491	4.48	4.48	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551864.8	4166306	5.79705	3.88	3.88	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551884.8	4166306	6.11771	4	4	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551904.8	4166306	6.28053	4.2	4.2	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551924.8	4166306	6.24122	4.34	4.34	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551944.8	4166306	5.97427	4.36	4.36	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551964.8	4166306	5.47925	4.09	4.09	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551984.8	4166306	5.12773	4.13	4.13	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552004.8	4166306	5.13845	4.36	4.36	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552024.8	4166306	4.90391	4.29	4.29	1.5	1-HR	LAB	1ST	10/14/2014

UCART1	552044.8	4166306	5.60164	3.95	3.95	1.5	1-HR	LAB	1ST	12/27/2013
UCART1	552064.8	4166306	6.00834	3.71	3.71	1.5	1-HR	LAB	1ST	11/7/2013
UCART1	552084.8	4166306	6.97846	3.11	3.11	1.5	1-HR	LAB	1ST	10/17/2017
Term131S	552164.8	4166306	11.36803	3.31	3.31	1.5	1-HR	LAB	1ST	5/14/2014
Term131S	552184.8	4166306	12.02833	3.33	3.33	1.5	1-HR	LAB	1ST	8/6/2014 0
Term131S	552204.8	4166306	11.72105	3.61	3.61	1.5	1-HR	LAB	1ST	10/14/2015
Term131S	552224.8	4166306	10.63876	3.44	3.44	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552244.8	4166306	9.18576	3.31	3.31	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552264.8	4166306	9.44485	3.42	3.42	1.5	1-HR	LAB	1ST	8/31/2017
UCART1	552284.8	4166306	8.77947	3.57	3.57	1.5	1-HR	LAB	1ST	8/31/2017
UCART1	552304.8	4166306	6.02669	3.64	3.64	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552324.8	4166306	7.17891	3.5	3.5	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552344.8	4166306	6.54479	3.25	3.25	1.5	1-HR	LAB	1ST	11/21/2014
UCART1	552424.8	4166306	3.70298	3.4	3.4	1.5	1-HR	LAB	1ST	11/30/2017
UCART1	552444.8	4166306	3.54502	3.51	3.51	1.5	1-HR	LAB	1ST	1/8/2013 1
UCART1	552464.8	4166306	3.62525	3.5	3.5	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552484.8	4166306	3.72379	3.31	3.31	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552504.8	4166306	3.79928	3.47	3.47	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552524.8	4166306	3.85285	3.64	3.64	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552544.8	4166306	3.88789	3.74	3.74	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552564.8	4166306	3.90656	3.66	3.66	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	551764.8	4166326	3.92404	4.79	4.79	1.5	1-HR	LAB	1ST	11/28/2013
UCART1	551784.8	4166326	3.97637	4.51	4.51	1.5	1-HR	LAB	1ST	10/17/2017
UCART1	551804.8	4166326	4.0081	4.35	4.35	1.5	1-HR	LAB	1ST	1/12/2015
UCART1	551824.8	4166326	4.06428	4.39	4.39	1.5	1-HR	LAB	1ST	1/12/2015
UCART1	551844.8	4166326	4.47218	4.3	4.3	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551864.8	4166326	4.98957	3.57	3.57	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551884.8	4166326	5.44266	3.77	3.77	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551904.8	4166326	5.79605	4.09	4.09	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551924.8	4166326	5.99617	4.26	4.26	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551964.8	4166326	5.76987	4.31	4.31	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551984.8	4166326	5.32171	4.31	4.31	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552004.8	4166326	5.11076	4.29	4.29	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552024.8	4166326	5.64257	4.19	4.19	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552044.8	4166326	6.96925	4.03	4.03	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552064.8	4166326	7.29709	3.79	3.79	1.5	1-HR	LAB	1ST	4/8/2014 0
UCART1	552124.8	4166326	7.67244	2.72	2.72	1.5	1-HR	LAB	1ST	9/1/2017 0
Term131S	552144.8	4166326	8.67113	2.98	2.98	1.5	1-HR	LAB	1ST	11/13/2013
Term131S	552164.8	4166326	10.40038	3.29	3.29	1.5	1-HR	LAB	1ST	8/6/2014 0
Term131S	552184.8	4166326	11.01089	3.47	3.47	1.5	1-HR	LAB	1ST	8/6/2014 0
Term131S	552204.8	4166326	10.13579	4.02	4.02	1.5	1-HR	LAB	1ST	10/6/2015
Term131S	552224.8	4166326	9.35228	3.64	3.64	1.5	1-HR	LAB	1ST	10/27/2017
UCART1	552244.8	4166326	9.1478	3.27	3.27	1.5	1-HR	LAB	1ST	6/30/2014
UCART1	552264.8	4166326	8.80251	3.33	3.33	1.5	1-HR	LAB	1ST	10/18/2013
UCART1	552284.8	4166326	8.03117	3.55	3.55	1.5	1-HR	LAB	1ST	10/17/2017
UCART1	552304.8	4166326	6.85527	3.57	3.57	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552324.8	4166326	6.94835	3.42	3.42	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552344.8	4166326	8.42477	3.22	3.22	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552424.8	4166326	3.69179	3.32	3.32	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552444.8	4166326	3.77039	3.22	3.22	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552464.8	4166326	3.82715	3.11	3.11	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552484.8	4166326	3.86266	3.03	3.03	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552504.8	4166326	3.87806	3.35	3.35	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552524.8	4166326	3.8768	3.43	3.43	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552544.8	4166326	4.06402	3.45	3.45	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552564.8	4166326	3.96043	3.52	3.52	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	551764.8	4166346	3.92478	4.79	4.79	1.5	1-HR	LAB	1ST	2/28/2013
UCART1	551784.8	4166346	3.91124	4.59	4.59	1.5	1-HR	LAB	1ST	2/28/2013

UCART1	551804.8	4166346	3.92433	5.05	5.05	1.5	1-HR	LAB	1ST	10/17/2017
UCART1	551824.8	4166346	3.99702	5.62	5.62	1.5	1-HR	LAB	1ST	10/17/2017
UCART1	551844.8	4166346	4.03149	5.2	5.2	1.5	1-HR	LAB	1ST	1/12/2017
UCART1	551864.8	4166346	4.14572	4.5	4.5	1.5	1-HR	LAB	1ST	1/12/2017
UCART1	551884.8	4166346	4.62134	3.96	3.96	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551904.8	4166346	5.09145	4.08	4.08	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551924.8	4166346	5.47533	4.28	4.28	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551944.8	4166346	5.71789	4.17	4.17	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551964.8	4166346	5.77215	4.15	4.15	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551984.8	4166346	5.61145	4.34	4.34	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552004.8	4166346	5.48075	4.32	4.32	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552024.8	4166346	6.5282	4.18	4.18	1.5	1-HR	LAB	1ST	4/8/2014 08
UCART1	552044.8	4166346	7.00271	4.03	4.03	1.5	1-HR	LAB	1ST	4/8/2014 08
UCART1	552084.8	4166346	7.18444	2.83	2.83	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552104.8	4166346	7.12091	2.89	2.89	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552124.8	4166346	7.23939	3.13	3.13	1.5	1-HR	LAB	1ST	9/1/2017 08
Term131S	552144.8	4166346	7.60559	3.24	3.24	1.5	1-HR	LAB	1ST	9/1/2017 08
Term131S	552164.8	4166346	9.09217	3.2	3.2	1.5	1-HR	LAB	1ST	8/6/2014 07
Term131S	552184.8	4166346	9.53557	3.38	3.38	1.5	1-HR	LAB	1ST	8/6/2014 07
Term131S	552204.8	4166346	8.83842	3.78	3.78	1.5	1-HR	LAB	1ST	10/6/2015
Term131S	552224.8	4166346	8.23612	3.6	3.6	1.5	1-HR	LAB	1ST	10/27/2017
UCART1	552244.8	4166346	8.45702	3.33	3.33	1.5	1-HR	LAB	1ST	10/17/2017
UCART1	552264.8	4166346	7.98661	3.31	3.31	1.5	1-HR	LAB	1ST	10/17/2017
UCART1	552284.8	4166346	8.39877	3.52	3.52	1.5	1-HR	LAB	1ST	9/10/2015
UCART1	552304.8	4166346	6.84503	3.57	3.57	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552324.8	4166346	6.8808	3.39	3.39	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552344.8	4166346	7.09927	3.19	3.19	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552424.8	4166346	3.76893	3.32	3.32	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552444.8	4166346	3.78437	3.15	3.15	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552464.8	4166346	3.99363	2.92	2.92	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552484.8	4166346	3.89811	2.81	2.81	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552504.8	4166346	3.9274	3.3	3.3	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552524.8	4166346	3.94306	3.33	3.33	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552544.8	4166346	4.03601	3.45	3.45	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552564.8	4166346	3.93856	3.55	3.55	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	551764.8	4166366	3.84425	4.82	4.82	1.5	1-HR	LAB	1ST	2/28/2013
UCART1	551804.8	4166366	3.93215	5.3	5.3	1.5	1-HR	LAB	1ST	2/28/2013
UCART1	551824.8	4166366	3.92427	6.04	6.04	1.5	1-HR	LAB	1ST	3/4/2016 09
UCART1	551844.8	4166366	3.95228	5.49	5.49	1.5	1-HR	LAB	1ST	3/4/2016 09
UCART1	551864.8	4166366	4.02633	4.89	4.89	1.5	1-HR	LAB	1ST	10/17/2017
UCART1	551884.8	4166366	4.10609	4.05	4.05	1.5	1-HR	LAB	1ST	1/12/2017
UCART1	551904.8	4166366	4.2858	4.02	4.02	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551924.8	4166366	4.77395	4.2	4.2	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551944.8	4166366	5.19444	4.1	4.1	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551984.8	4166366	5.62069	4.23	4.23	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552004.8	4166366	6.38653	4.26	4.26	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	552024.8	4166366	6.8558	4.13	4.13	1.5	1-HR	LAB	1ST	4/8/2014 08
UCART1	552044.8	4166366	6.6952	3.98	3.98	1.5	1-HR	LAB	1ST	4/8/2014 08
Term131S	552064.8	4166366	6.67433	3.93	3.93	1.5	1-HR	LAB	1ST	4/8/2014 08
Term131S	552084.8	4166366	6.57386	3.53	3.53	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552104.8	4166366	6.52029	3.46	3.46	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552124.8	4166366	7.76851	3.4	3.4	1.5	1-HR	LAB	1ST	9/1/2017 08
Term131S	552144.8	4166366	8.32786	3.26	3.26	1.5	1-HR	LAB	1ST	9/1/2017 08
Term131S	552164.8	4166366	7.583	3.08	3.08	1.5	1-HR	LAB	1ST	9/1/2017 08
Term131S	552184.8	4166366	8.85868	3.2	3.2	1.5	1-HR	LAB	1ST	5/14/2014
Term131S	552204.8	4166366	7.96459	3.39	3.39	1.5	1-HR	LAB	1ST	10/6/2015
Term131S	552224.8	4166366	7.24448	3.5	3.5	1.5	1-HR	LAB	1ST	10/27/2017
Term131S	552244.8	4166366	7.52906	3.41	3.41	1.5	1-HR	LAB	1ST	9/19/2016

UCART1	552264.8	4166366	7.52537	3.29	3.29	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552284.8	4166366	8.91205	3.5	3.5	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552304.8	4166366	6.93832	3.59	3.59	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552324.8	4166366	7.72707	3.4	3.4	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552344.8	4166366	8.44172	3.15	3.15	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552424.8	4166366	3.81996	3.33	3.33	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552444.8	4166366	3.84919	3.17	3.17	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552464.8	4166366	3.86213	2.85	2.85	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552484.8	4166366	3.86032	2.66	2.66	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552504.8	4166366	3.84515	3.29	3.29	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552524.8	4166366	3.85746	3.34	3.34	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552544.8	4166366	3.90069	3.63	3.63	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552564.8	4166366	3.93563	3.68	3.68	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	551764.8	4166386	3.77816	4.81	4.81	1.5	1-HR	LAB	1ST	12/28/2017
UCART1	551804.8	4166386	3.8883	4.48	4.48	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551824.8	4166386	4.00093	4.53	4.53	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551844.8	4166386	4.08074	4.19	4.19	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551864.8	4166386	4.11427	3.74	3.74	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551884.8	4166386	4.08581	3.75	3.75	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551904.8	4166386	4.07882	3.78	3.78	1.5	1-HR	LAB	1ST	11/5/2014
UCART1	551924.8	4166386	4.2553	3.86	3.86	1.5	1-HR	LAB	1ST	10/14/2014
UCART1	551944.8	4166386	4.51102	3.97	3.97	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551964.8	4166386	4.97482	3.96	3.96	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	551984.8	4166386	5.93464	3.84	3.84	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552004.8	4166386	7.05359	3.96	3.96	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552024.8	4166386	6.74738	3.96	3.96	1.5	1-HR	LAB	1ST	2/13/2015
UCART1	552044.8	4166386	6.42739	3.88	3.88	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552064.8	4166386	6.46479	3.91	3.91	1.5	1-HR	LAB	1ST	10/14/2014
Term131S	552084.8	4166386	6.39256	3.46	3.46	1.5	1-HR	LAB	1ST	4/8/2014 0
Term131S	552104.8	4166386	6.71012	3.3	3.3	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552124.8	4166386	8.308	3.17	3.17	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552144.8	4166386	7.55187	3.04	3.04	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552164.8	4166386	6.87048	2.93	2.93	1.5	1-HR	LAB	1ST	10/26/2017
Term131S	552184.8	4166386	6.96661	3.02	3.02	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552204.8	4166386	7.20944	3.26	3.26	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552224.8	4166386	7.05436	3.45	3.45	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552244.8	4166386	6.53277	3.39	3.39	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552264.8	4166386	7.18766	3.25	3.25	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552284.8	4166386	7.64129	3.47	3.47	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552304.8	4166386	7.32371	3.6	3.6	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552324.8	4166386	7.84717	3.44	3.44	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552344.8	4166386	8.02012	3.14	3.14	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552424.8	4166386	4.99449	3.18	3.18	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552444.8	4166386	3.73682	3.04	3.04	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552464.8	4166386	3.79455	2.86	2.86	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552484.8	4166386	3.84006	2.79	2.79	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552504.8	4166386	3.87358	3.32	3.32	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552524.8	4166386	3.89681	3.76	3.76	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552544.8	4166386	3.91085	4.08	4.08	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552564.8	4166386	3.91751	3.93	3.93	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	551764.8	4166406	3.7817	4.89	4.89	1.5	1-HR	LAB	1ST	9/24/2015
UCART1	551804.8	4166406	3.79407	4.43	4.43	1.5	1-HR	LAB	1ST	9/24/2015
UCART1	551824.8	4166406	3.92933	4.46	4.46	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551844.8	4166406	4.05718	4.25	4.25	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551864.8	4166406	4.15127	3.63	3.63	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551884.8	4166406	4.19683	3.83	3.83	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551904.8	4166406	4.17688	3.74	3.74	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551924.8	4166406	4.16149	3.72	3.72	1.5	1-HR	LAB	1ST	11/5/2014

UCART1	551944.8	4166406	4.24572	3.93	3.93	1.5	1-HR	LAB	1ST	11/5/2014
UCART1	551964.8	4166406	4.40359	3.95	3.95	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552004.8	4166406	6.49219	3.79	3.79	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552024.8	4166406	6.16126	3.82	3.82	1.5	1-HR	LAB	1ST	2/14/2017
UCART1	552044.8	4166406	6.63151	3.78	3.78	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552064.8	4166406	6.82044	3.79	3.79	1.5	1-HR	LAB	1ST	10/3/2014
Term131S	552084.8	4166406	7.50148	3.45	3.45	1.5	1-HR	LAB	1ST	3/20/2014
Term131S	552104.8	4166406	6.91385	3.19	3.19	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552124.8	4166406	7.98042	3.05	3.05	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552144.8	4166406	7.80252	2.95	2.95	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552164.8	4166406	6.56288	2.86	2.86	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552184.8	4166406	6.78866	2.92	2.92	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552204.8	4166406	7.20226	3.19	3.19	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552224.8	4166406	6.96723	3.45	3.45	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552244.8	4166406	6.83422	3.4	3.4	1.5	1-HR	LAB	1ST	7/14/2014
UCART1	552264.8	4166406	7.24789	3.24	3.24	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552284.8	4166406	7.65414	3.45	3.45	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552304.8	4166406	7.57188	3.58	3.58	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552324.8	4166406	7.78262	3.44	3.44	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552344.8	4166406	8.15733	3.1	3.1	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552424.8	4166406	6.02084	3.06	3.06	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552444.8	4166406	3.82178	2.99	2.99	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552464.8	4166406	3.80936	2.9	2.9	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552484.8	4166406	3.81616	2.85	2.85	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552504.8	4166406	3.81219	3.34	3.34	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552524.8	4166406	3.79931	3.93	3.93	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552544.8	4166406	3.77972	4.17	4.17	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552564.8	4166406	3.75438	4.07	4.07	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	551804.8	4166426	3.87708	4.47	4.47	1.5	1-HR	LAB	1ST	10/26/2017
UCART1	551824.8	4166426	3.84492	4.55	4.55	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551844.8	4166426	3.98455	4.45	4.45	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551864.8	4166426	4.10239	3.75	3.75	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551884.8	4166426	4.18463	3.9	3.9	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551904.8	4166426	4.21513	3.71	3.71	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551924.8	4166426	4.21841	3.63	3.63	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551944.8	4166426	4.15369	3.87	3.87	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551964.8	4166426	4.24833	3.92	3.92	1.5	1-HR	LAB	1ST	11/5/2014
UCART1	552004.8	4166426	6.46037	3.69	3.69	1.5	1-HR	LAB	1ST	10/1/2014
UCART1	552024.8	4166426	6.00167	3.72	3.72	1.5	1-HR	LAB	1ST	10/21/2015
UCART1	552044.8	4166426	7.12154	3.71	3.71	1.5	1-HR	LAB	1ST	10/3/2014
UCART1	552064.8	4166426	8.76987	3.68	3.68	1.5	1-HR	LAB	1ST	10/3/2014
Term131S	552084.8	4166426	7.87446	3.46	3.46	1.5	1-HR	LAB	1ST	10/3/2014
Term131S	552104.8	4166426	6.82482	3.13	3.13	1.5	1-HR	LAB	1ST	10/3/2014
Term131S	552124.8	4166426	7.53154	3.01	3.01	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552144.8	4166426	7.89126	2.96	2.96	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552164.8	4166426	7.05985	2.86	2.86	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552184.8	4166426	6.96615	2.88	2.88	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552204.8	4166426	7.07865	3.17	3.17	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552224.8	4166426	6.37138	3.47	3.47	1.5	1-HR	LAB	1ST	10/27/2017
Term131S	552244.8	4166426	6.7442	3.44	3.44	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552264.8	4166426	7.40954	3.27	3.27	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552284.8	4166426	7.84158	3.42	3.42	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552304.8	4166426	7.68157	3.56	3.56	1.5	1-HR	LAB	1ST	10/14/2015
UCART1	552324.8	4166426	7.8932	3.4	3.4	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552344.8	4166426	7.99399	3.07	3.07	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552424.8	4166426	5.11541	2.98	2.98	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552444.8	4166426	3.77018	3.01	3.01	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552464.8	4166426	3.64699	2.94	2.94	1.5	1-HR	LAB	1ST	11/26/2014

UCART1	552484.8	4166426	3.61521	2.85	2.85	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552504.8	4166426	3.5769	3.35	3.35	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552524.8	4166426	3.53403	3.92	3.92	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552544.8	4166426	3.52405	3.99	3.99	1.5	1-HR	LAB	1ST	12/16/2013
UCART1	552564.8	4166426	3.55753	4.12	4.12	1.5	1-HR	LAB	1ST	12/16/2013
UCART1	551824.8	4166446	4.11024	4.03	4.03	1.5	1-HR	LAB	1ST	10/26/2017
UCART1	551844.8	4166446	4.03646	3.96	8.39	1.5	1-HR	LAB	1ST	10/26/2017
UCART1	551864.8	4166446	4.08683	3.65	8.39	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551884.8	4166446	4.19069	3.6	8.39	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551904.8	4166446	4.25424	3.51	3.51	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551924.8	4166446	4.26182	3.51	3.51	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551944.8	4166446	4.21241	3.67	3.67	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551964.8	4166446	4.21287	3.87	3.87	1.5	1-HR	LAB	1ST	3/4/2016 0
UCART1	551984.8	4166446	4.76149	3.75	3.75	1.5	1-HR	LAB	1ST	3/6/2015 0
UCART1	552024.8	4166446	6.75271	3.72	3.72	1.5	1-HR	LAB	1ST	9/6/2016 0
UCART1	552044.8	4166446	7.00531	3.83	3.83	1.5	1-HR	LAB	1ST	10/1/2014
UCART1	552064.8	4166446	10.48756	3.82	3.82	1.5	1-HR	LAB	1ST	10/1/2014
Term131S	552084.8	4166446	8.12731	3.47	3.47	1.5	1-HR	LAB	1ST	10/3/2014
Term131S	552104.8	4166446	7.61676	3.21	3.21	1.5	1-HR	LAB	1ST	10/3/2014
Term131S	552124.8	4166446	6.88264	3.22	3.22	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552144.8	4166446	7.71673	3.25	3.25	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552164.8	4166446	7.41179	3.12	3.12	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552184.8	4166446	6.84756	2.94	2.94	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552204.8	4166446	6.56593	3.22	3.22	1.5	1-HR	LAB	1ST	6/28/2013
Term131S	552224.8	4166446	7.26202	3.5	3.5	1.5	1-HR	LAB	1ST	6/28/2013
Term131S	552244.8	4166446	7.54099	3.53	3.53	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552264.8	4166446	8.06502	3.4	3.4	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552284.8	4166446	8.03326	3.4	3.4	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552304.8	4166446	7.90236	3.5	3.5	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552324.8	4166446	7.88865	3.37	3.37	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552344.8	4166446	7.553	3.09	3.09	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552424.8	4166446	4.38459	3.18	3.18	1.5	1-HR	LAB	1ST	9/1/2017 0
UCART1	552444.8	4166446	3.53493	3.11	3.11	1.5	1-HR	LAB	1ST	11/13/2017
UCART1	552464.8	4166446	3.48124	2.89	2.89	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552484.8	4166446	3.5184	2.79	2.79	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552504.8	4166446	3.55156	3.42	3.42	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552524.8	4166446	3.58176	3.75	3.75	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552544.8	4166446	3.60885	3.86	3.86	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552564.8	4166446	3.6325	4.01	4.01	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	551824.8	4166466	4.21001	4.37	4.37	1.5	1-HR	LAB	1ST	10/26/2017
UCART1	551844.8	4166466	4.18494	4.91	8.39	1.5	1-HR	LAB	1ST	10/26/2017
UCART1	551864.8	4166466	4.15074	5.72	8.39	1.5	1-HR	LAB	1ST	10/26/2017
UCART1	551884.8	4166466	4.10749	5.25	8.39	1.5	1-HR	LAB	1ST	10/26/2017
UCART1	551904.8	4166466	4.16082	4.08	8.39	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551924.8	4166466	4.21435	3.4	3.4	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551944.8	4166466	4.22252	3.57	3.57	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551964.8	4166466	4.18291	3.83	3.83	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551984.8	4166466	4.74773	3.75	3.75	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552024.8	4166466	6.53293	3.72	3.72	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552044.8	4166466	8.55722	3.81	3.81	1.5	1-HR	LAB	1ST	10/1/2014
UCART1	552064.8	4166466	10.295	3.73	3.73	1.5	1-HR	LAB	1ST	10/1/2014
UCART1	552084.8	4166466	10.11341	3.65	3.65	1.5	1-HR	LAB	1ST	10/1/2014
Term131S	552104.8	4166466	9.76125	3.36	3.36	1.5	1-HR	LAB	1ST	10/1/2014
Term131S	552124.8	4166466	8.43886	3.34	3.34	1.5	1-HR	LAB	1ST	10/1/2014
Term131S	552144.8	4166466	6.84506	3.38	3.38	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552164.8	4166466	6.40136	3.27	3.27	1.5	1-HR	LAB	1ST	10/8/2015
Term131S	552184.8	4166466	6.00511	3	3	1.5	1-HR	LAB	1ST	7/14/2014
Term131S	552204.8	4166466	7.05018	3.18	3.18	1.5	1-HR	LAB	1ST	6/28/2013

Term131S	552224.8	4166466	7.61012	3.42	3.42	1.5	1-HR	LAB	1ST	6/28/2013
Term131S	552244.8	4166466	7.57483	3.5	3.5	1.5	1-HR	LAB	1ST	6/28/2013
Term131S	552264.8	4166466	8.77615	3.43	3.43	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552284.8	4166466	8.01414	3.37	3.37	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552304.8	4166466	8.26459	3.5	3.5	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552324.8	4166466	7.62536	3.37	3.37	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552344.8	4166466	6.88753	3.14	3.14	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552424.8	4166466	4.21503	3.25	3.25	1.5	1-HR	LAB	1ST	9/1/2017 0
UCART1	552444.8	4166466	3.5604	3.2	3.2	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552464.8	4166466	3.59453	2.95	2.95	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552484.8	4166466	3.62766	2.81	2.81	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552504.8	4166466	3.65777	3.38	3.38	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552524.8	4166466	3.68622	3.61	3.61	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552544.8	4166466	3.71272	3.72	3.72	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	551824.8	4166486	4.23386	4.93	4.93	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551844.8	4166486	4.19823	6.14	8.39	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551864.8	4166486	4.15231	8.08	8.08	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551884.8	4166486	4.1219	7.1	7.1	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551904.8	4166486	4.09857	4.75	7.05	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551924.8	4166486	4.06757	3.32	7.05	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551944.8	4166486	4.08792	3.51	3.51	1.5	1-HR	LAB	1ST	2/5/2015 1
UCART1	551964.8	4166486	4.13463	3.78	3.78	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	551984.8	4166486	4.95829	3.71	3.71	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	552024.8	4166486	6.88876	3.71	3.71	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552044.8	4166486	8.87262	3.71	3.71	1.5	1-HR	LAB	1ST	10/1/2014
UCART1	552064.8	4166486	10.16885	3.54	3.54	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552084.8	4166486	10.0413	3.86	3.86	1.5	1-HR	LAB	1ST	10/1/2014
Term131S	552104.8	4166486	10.18942	3.54	3.54	1.5	1-HR	LAB	1ST	10/1/2014
Term131S	552124.8	4166486	9.02895	3.39	3.39	1.5	1-HR	LAB	1ST	10/1/2014
Term131S	552144.8	4166486	7.36482	3.4	3.4	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552164.8	4166486	5.92807	3.37	3.37	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552184.8	4166486	6.08304	3.06	3.06	1.5	1-HR	LAB	1ST	8/28/2015
Term131S	552204.8	4166486	7.03148	3.06	3.06	1.5	1-HR	LAB	1ST	10/28/2015
Term131S	552224.8	4166486	7.46831	3.27	3.27	1.5	1-HR	LAB	1ST	6/28/2013
Term131S	552244.8	4166486	7.50494	3.4	3.4	1.5	1-HR	LAB	1ST	6/28/2013
Term131S	552264.8	4166486	7.58542	3.38	3.38	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552284.8	4166486	8.01499	3.33	3.33	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552304.8	4166486	6.66153	3.56	3.56	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552324.8	4166486	6.39835	3.39	3.39	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552344.8	4166486	5.84052	3.2	3.2	1.5	1-HR	LAB	1ST	10/25/2017
UCART1	552424.8	4166486	3.62382	3.22	3.22	1.5	1-HR	LAB	1ST	8/31/2017
UCART1	552444.8	4166486	3.52113	3.28	3.28	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552464.8	4166486	3.54075	3.11	3.11	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552484.8	4166486	3.57606	2.9	2.9	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552504.8	4166486	3.60796	3.23	3.23	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552524.8	4166486	3.63766	3.51	3.51	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552544.8	4166486	3.66564	3.57	3.57	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	551824.8	4166506	4.26808	4.76	4.76	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551844.8	4166506	4.25416	5.64	5.64	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551864.8	4166506	4.2343	7	7	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551884.8	4166506	4.2346	5.3	8.39	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551904.8	4166506	4.23148	4.02	7.05	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551924.8	4166506	4.22448	3.4	3.4	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551944.8	4166506	4.21464	3.32	3.32	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551964.8	4166506	4.20121	3.54	3.54	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551984.8	4166506	5.00592	3.49	3.49	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	552004.8	4166506	6.4745	3.46	3.46	1.5	1-HR	LAB	1ST	7/28/2015
UCART1	552024.8	4166506	6.66438	3.56	3.56	1.5	1-HR	LAB	1ST	7/28/2015

UCART1	552044.8	4166506	8.31874	3.63	3.63	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552064.8	4166506	9.2227	3.47	3.47	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552084.8	4166506	9.20477	3.5	3.5	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552104.8	4166506	9.2008	3.49	3.49	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552124.8	4166506	8.30729	3.41	3.41	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552144.8	4166506	7.03138	3.37	3.37	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552164.8	4166506	6.52921	3.37	3.37	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552184.8	4166506	7.56459	3.18	3.18	1.5	1-HR	LAB	1ST	8/28/2015
Term131S	552264.8	4166506	7.84466	3.44	3.44	1.5	1-HR	LAB	1ST	10/28/2015
UCART1	552284.8	4166506	6.13715	3.34	3.34	1.5	1-HR	LAB	1ST	12/29/2017
UCART1	552304.8	4166506	5.71843	3.55	3.55	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552324.8	4166506	5.58649	3.35	3.35	1.5	1-HR	LAB	1ST	9/21/2015
UCART1	552344.8	4166506	5.11482	3.18	3.18	1.5	1-HR	LAB	1ST	8/31/2017
UCART1	552424.8	4166506	4.12971	3.13	3.13	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552444.8	4166506	3.30465	3.17	3.17	1.5	1-HR	LAB	1ST	12/16/2013
UCART1	552464.8	4166506	3.29899	3.01	3.01	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	552484.8	4166506	3.32613	2.84	2.84	1.5	1-HR	LAB	1ST	12/16/2013
UCART1	552504.8	4166506	3.36395	3.19	3.19	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552524.8	4166506	3.40323	3.53	3.53	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	552544.8	4166506	3.43953	3.71	3.71	1.5	1-HR	LAB	1ST	1/27/2016
UCART1	551824.8	4166526	4.16978	4.47	4.47	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551844.8	4166526	4.17059	5.15	5.15	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551864.8	4166526	4.1705	5.83	5.83	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551884.8	4166526	4.18261	4.58	4.58	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551904.8	4166526	4.19155	3.88	3.88	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551924.8	4166526	4.19787	3.54	3.54	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551944.8	4166526	4.20129	3.39	3.39	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551964.8	4166526	4.19978	3.53	3.53	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551984.8	4166526	5.51353	3.52	3.52	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	552004.8	4166526	6.90345	3.51	3.51	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552044.8	4166526	7.269	3.67	3.67	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552064.8	4166526	8.58075	3.61	3.61	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552084.8	4166526	8.32116	3.47	3.47	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552104.8	4166526	7.09624	3.5	3.5	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552124.8	4166526	6.49718	3.41	3.41	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552144.8	4166526	5.77242	3.34	3.34	1.5	1-HR	LAB	1ST	5/15/2014
Term131S	552164.8	4166526	7.87838	3.33	3.33	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552284.8	4166526	4.67121	3.31	3.31	1.5	1-HR	LAB	1ST	9/4/2017 0
UCART1	552304.8	4166526	5.01102	3.44	3.44	1.5	1-HR	LAB	1ST	8/31/2017
UCART1	552324.8	4166526	5.12119	3.24	3.24	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552344.8	4166526	5.28049	3.1	3.1	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552424.8	4166526	4.54183	3.01	3.01	1.5	1-HR	LAB	1ST	9/10/2015
UCART1	552444.8	4166526	3.1736	3	3	1.5	1-HR	LAB	1ST	9/16/2016
UCART1	552464.8	4166526	3.19821	2.85	2.85	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	552484.8	4166526	3.22885	2.73	2.73	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	552504.8	4166526	3.2551	3.08	3.08	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	552524.8	4166526	3.27624	3.53	3.53	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	552564.8	4166526	3.30061	4.08	4.08	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	551824.8	4166546	3.87355	4.12	4.12	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551844.8	4166546	3.88102	4.64	4.64	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551864.8	4166546	3.89089	4.64	4.64	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551884.8	4166546	3.90115	4.55	4.55	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551904.8	4166546	3.91296	4.09	4.09	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551924.8	4166546	3.92267	3.72	3.72	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551944.8	4166546	3.92805	3.63	3.63	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551964.8	4166546	3.92881	3.65	3.65	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551984.8	4166546	5.15714	3.72	3.72	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	552004.8	4166546	6.6448	3.74	3.74	1.5	1-HR	LAB	1ST	7/28/2015

UCART1	552044.8	4166546	6.17821	3.8	3.8	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552064.8	4166546	6.90616	3.9	3.9	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552084.8	4166546	7.21878	3.71	3.71	1.5	1-HR	LAB	1ST	3/3/2015 0
UCART1	552284.8	4166546	4.48135	3.25	3.25	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552304.8	4166546	5.17112	3.22	3.22	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552324.8	4166546	5.22634	3.04	3.04	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552344.8	4166546	5.02331	2.95	2.95	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552424.8	4166546	4.96775	2.82	2.82	1.5	1-HR	LAB	1ST	9/10/2015
UCART1	552444.8	4166546	3.18236	2.76	2.76	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552464.8	4166546	3.02053	2.63	2.63	1.5	1-HR	LAB	1ST	9/3/2014 0
UCART1	552484.8	4166546	2.98034	2.56	2.56	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	552504.8	4166546	3.04497	2.85	2.85	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	552524.8	4166546	3.10263	3.5	3.5	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	552564.8	4166546	3.19416	3.87	3.87	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	551824.8	4166566	3.78464	3.81	3.81	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551844.8	4166566	3.79032	3.85	3.85	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551864.8	4166566	3.78162	4.08	4.08	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551884.8	4166566	3.7617	4.2	4.2	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551904.8	4166566	3.78862	3.87	3.87	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551924.8	4166566	3.81521	3.62	3.62	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551944.8	4166566	3.83959	3.6	3.6	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551964.8	4166566	3.86226	3.59	3.59	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551984.8	4166566	4.69347	3.69	3.69	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	552004.8	4166566	6.29886	3.64	3.64	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	552044.8	4166566	6.15431	3.5	3.5	1.5	1-HR	LAB	1ST	5/15/2014
UCART1	552064.8	4166566	5.94242	3.33	3.33	1.5	1-HR	LAB	1ST	11/26/2014
UCART1	552084.8	4166566	6.14868	3.19	3.19	1.5	1-HR	LAB	1ST	3/3/2015 0
UCART1	552304.8	4166566	4.95322	3.09	3.09	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552324.8	4166566	4.85642	2.93	2.93	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552344.8	4166566	4.33366	2.86	2.86	1.5	1-HR	LAB	1ST	7/31/2014
UCART1	552424.8	4166566	5.10233	2.8	2.8	1.5	1-HR	LAB	1ST	9/10/2015
UCART1	552444.8	4166566	3.2943	2.76	2.76	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552464.8	4166566	3.04398	2.62	2.62	1.5	1-HR	LAB	1ST	9/3/2014 0
UCART1	552484.8	4166566	3.00114	2.61	2.61	1.5	1-HR	LAB	1ST	9/3/2014 0
UCART1	552504.8	4166566	2.95269	3.08	3.08	1.5	1-HR	LAB	1ST	1/1/2018 1
UCART1	552544.8	4166566	2.90919	3.81	3.81	1.5	1-HR	LAB	1ST	1/1/2018 1
UCART1	552564.8	4166566	2.95012	3.9	3.9	1.5	1-HR	LAB	1ST	12/13/2013
UCART1	551844.8	4166586	3.89684	3.36	3.36	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551864.8	4166586	3.84718	3.66	3.66	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551884.8	4166586	3.78393	3.82	3.82	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551904.8	4166586	3.627	3.67	3.67	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551924.8	4166586	3.58981	3.54	3.54	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551944.8	4166586	3.63106	3.5	3.5	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551964.8	4166586	3.6729	3.42	3.42	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	551984.8	4166586	4.12202	3.51	3.51	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	552004.8	4166586	5.8227	3.42	3.42	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	552024.8	4166586	6.31211	3.36	3.36	1.5	1-HR	LAB	1ST	9/24/2015
UCART1	552044.8	4166586	6.3194	3.28	3.28	1.5	1-HR	LAB	1ST	10/16/2013
UCART1	552064.8	4166586	5.71289	3.1	3.1	1.5	1-HR	LAB	1ST	7/28/2015
UCART1	552084.8	4166586	5.5239	3.09	3.09	1.5	1-HR	LAB	1ST	3/3/2015 0
UCART1	552104.8	4166586	5.3627	3.24	3.24	1.5	1-HR	LAB	1ST	10/28/2016
UCART1	552304.8	4166586	4.1467	3	3	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552324.8	4166586	4.0262	2.83	2.83	1.5	1-HR	LAB	1ST	5/3/2013 0
UCART1	552344.8	4166586	4.11641	2.79	2.79	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552424.8	4166586	5.07914	2.73	2.73	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552444.8	4166586	3.30803	2.72	2.72	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552464.8	4166586	3.17723	2.62	2.62	1.5	1-HR	LAB	1ST	11/25/2014
UCART1	552484.8	4166586	3.2109	2.73	2.73	1.5	1-HR	LAB	1ST	11/25/2014

UCART1	552504.8	4166586	3.17522	3.37	3.37	1.5	1-HR	LAB	1ST	11/25/2014
UCART1	552544.8	4166586	3.01235	3.86	3.86	1.5	1-HR	LAB	1ST	2/13/2017
UCART1	552564.8	4166586	3.03038	3.93	3.93	1.5	1-HR	LAB	1ST	2/13/2017
UCART1	551804.8	4166606	3.96387	4.01	4.01	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551844.8	4166606	3.77554	3.12	3.12	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551864.8	4166606	3.70488	3.38	3.38	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551884.8	4166606	3.62662	3.41	3.41	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551904.8	4166606	3.54083	3.49	3.49	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551924.8	4166606	3.47513	3.49	3.49	1.5	1-HR	LAB	1ST	10/28/2016
UCART1	551944.8	4166606	3.4948	3.36	3.36	1.5	1-HR	LAB	1ST	10/28/2016
UCART1	551964.8	4166606	3.49373	3.14	3.14	1.5	1-HR	LAB	1ST	10/28/2016
UCART1	551984.8	4166606	3.7244	3.18	3.18	1.5	1-HR	LAB	1ST	11/4/2014
UCART1	552004.8	4166606	5.08832	3.08	3.08	1.5	1-HR	LAB	1ST	10/10/2017
UCART1	552024.8	4166606	6.07175	3.06	3.06	1.5	1-HR	LAB	1ST	7/14/2014
UCART1	552044.8	4166606	6.35994	3.14	3.14	1.5	1-HR	LAB	1ST	10/28/2016
UCART1	552064.8	4166606	6.29466	3.26	3.26	1.5	1-HR	LAB	1ST	9/24/2015
UCART1	552084.8	4166606	5.82165	3.48	3.48	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552104.8	4166606	6.04972	3.23	3.23	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552304.8	4166606	3.77652	2.96	2.96	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552324.8	4166606	3.88524	2.71	2.71	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552344.8	4166606	3.82881	2.74	2.74	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552404.8	4166606	3.97134	2.47	2.47	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552424.8	4166606	4.77479	2.54	2.54	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552444.8	4166606	3.2689	2.55	2.55	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552464.8	4166606	3.14716	2.58	2.58	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552484.8	4166606	3.21055	2.9	2.9	1.5	1-HR	LAB	1ST	11/25/2014
UCART1	552524.8	4166606	3.24143	3.58	3.58	1.5	1-HR	LAB	1ST	11/25/2014
UCART1	552544.8	4166606	3.17064	3.86	3.86	1.5	1-HR	LAB	1ST	11/25/2014
UCART1	552564.8	4166606	3.06959	3.88	3.88	1.5	1-HR	LAB	1ST	11/25/2014
UCART1	551804.8	4166626	3.81408	4.01	4.01	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551844.8	4166626	3.68393	3.04	3.04	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551864.8	4166626	3.60438	3.08	3.08	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551884.8	4166626	3.52235	3.12	3.12	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551904.8	4166626	3.44684	3.29	3.29	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551924.8	4166626	3.46542	3.44	3.44	1.5	1-HR	LAB	1ST	1/28/2014
UCART1	551944.8	4166626	3.46325	3.41	3.41	1.5	1-HR	LAB	1ST	1/28/2014
UCART1	551964.8	4166626	3.39525	3.11	3.11	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551984.8	4166626	3.39862	2.96	2.96	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552004.8	4166626	5.02229	2.95	2.95	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	552024.8	4166626	5.93514	2.93	2.93	1.5	1-HR	LAB	1ST	10/28/2016
UCART1	552064.8	4166626	6.58331	2.86	2.86	1.5	1-HR	LAB	1ST	4/19/2016
UCART1	552084.8	4166626	6.68291	3.28	3.28	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552104.8	4166626	6.87595	3.07	3.07	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552304.8	4166626	3.77413	2.95	2.95	1.5	1-HR	LAB	1ST	7/23/2014
UCART1	552324.8	4166626	3.62859	2.66	2.66	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552344.8	4166626	3.74953	2.76	2.76	1.5	1-HR	LAB	1ST	8/29/2013
UCART1	552404.8	4166626	4.06401	2.45	2.45	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552424.8	4166626	3.95641	2.48	2.48	1.5	1-HR	LAB	1ST	9/19/2016
UCART1	552444.8	4166626	3.59998	2.46	2.46	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552464.8	4166626	3.54846	2.66	2.66	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552484.8	4166626	3.41005	3.12	3.12	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552524.8	4166626	3.0971	3.37	3.37	1.5	1-HR	LAB	1ST	1/12/2016
UCART1	552544.8	4166626	3.09939	3.58	3.58	1.5	1-HR	LAB	1ST	11/25/2014
UCART1	552564.8	4166626	3.10916	3.71	3.71	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	551804.8	4166646	3.71312	3.84	3.84	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	551844.8	4166646	3.60135	3.16	3.16	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551864.8	4166646	3.61452	2.92	2.92	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551884.8	4166646	3.6167	2.95	2.95	1.5	1-HR	LAB	1ST	3/24/2015

UCART1	551904.8	4166646	3.6124	3.19	3.19	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551924.8	4166646	3.60211	3.41	3.41	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551944.8	4166646	3.60173	3.42	3.42	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551964.8	4166646	3.45944	3.1	3.1	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551984.8	4166646	3.54107	2.95	2.95	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552004.8	4166646	4.20525	2.97	2.97	1.5	1-HR	LAB	1ST	10/28/2014
UCART1	552024.8	4166646	5.12908	2.9	2.9	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	552064.8	4166646	7.08067	2.65	2.65	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552084.8	4166646	7.305	3.06	3.06	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552104.8	4166646	7.35024	2.94	2.94	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552304.8	4166646	3.84776	2.96	2.96	1.5	1-HR	LAB	1ST	7/23/2014
UCART1	552324.8	4166646	3.62365	2.66	2.66	1.5	1-HR	LAB	1ST	11/25/2016
UCART1	552344.8	4166646	3.58827	2.79	2.79	1.5	1-HR	LAB	1ST	12/23/2014
UCART1	552404.8	4166646	3.70655	2.44	2.44	1.5	1-HR	LAB	1ST	6/28/2013
UCART1	552424.8	4166646	3.65993	2.43	2.43	1.5	1-HR	LAB	1ST	8/31/2015
UCART1	552444.8	4166646	3.65551	2.42	2.42	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552464.8	4166646	3.76277	2.79	2.79	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552504.8	4166646	3.59129	3.5	3.5	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552524.8	4166646	3.39778	3.18	3.18	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552544.8	4166646	3.19659	3.32	3.32	1.5	1-HR	LAB	1ST	10/21/2013
UCART1	552564.8	4166646	3.14922	3.55	3.55	1.5	1-HR	LAB	1ST	1/21/2014
UCART1	551804.8	4166666	3.70912	3.48	3.48	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551844.8	4166666	3.74925	3.53	3.53	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551864.8	4166666	3.76244	2.91	2.91	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551884.8	4166666	3.77169	2.92	2.92	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551904.8	4166666	3.58527	3.22	3.22	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551924.8	4166666	3.65271	3.42	3.42	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551944.8	4166666	3.71299	3.36	3.36	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551964.8	4166666	3.77008	3.13	3.13	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551984.8	4166666	3.82279	3.2	3.2	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552004.8	4166666	3.8694	3.19	3.19	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552024.8	4166666	5.17536	3	3	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	552064.8	4166666	6.60457	2.8	2.8	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552084.8	4166666	8.39029	2.89	2.89	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552104.8	4166666	8.25823	2.86	2.86	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552304.8	4166666	3.88665	3.01	3.01	1.5	1-HR	LAB	1ST	1/16/2015
UCART1	552324.8	4166666	3.79948	2.72	2.72	1.5	1-HR	LAB	1ST	2/8/2016 1
UCART1	552344.8	4166666	3.5769	2.8	2.8	1.5	1-HR	LAB	1ST	5/2/2013 0
UCART1	552404.8	4166666	3.62923	2.45	2.45	1.5	1-HR	LAB	1ST	12/11/2017
UCART1	552424.8	4166666	3.70671	2.33	2.33	1.5	1-HR	LAB	1ST	10/26/2015
UCART1	552444.8	4166666	3.6428	2.48	2.48	1.5	1-HR	LAB	1ST	10/27/2015
UCART1	552464.8	4166666	3.63926	2.95	2.95	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552504.8	4166666	3.76136	3.31	3.31	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552524.8	4166666	3.6505	3.1	3.1	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552544.8	4166666	3.47564	3.4	3.4	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552564.8	4166666	3.26577	3.53	3.53	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	551804.8	4166686	3.84347	3.57	3.57	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551864.8	4166686	3.73484	3	3	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551884.8	4166686	3.80285	2.91	2.91	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551904.8	4166686	3.85802	3.08	3.08	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551924.8	4166686	3.90034	3.22	3.22	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551944.8	4166686	3.92709	3.2	3.2	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551964.8	4166686	3.94627	3.02	3.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551984.8	4166686	3.95555	2.92	2.92	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552004.8	4166686	3.95	2.97	2.97	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552024.8	4166686	4.30185	2.94	2.94	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	552044.8	4166686	5.79512	2.85	2.85	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	552064.8	4166686	6.0343	2.78	2.78	1.5	1-HR	LAB	1ST	3/24/2015

UCART1	552084.8	4166686	7.6072	2.77	2.77	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552104.8	4166686	7.51508	2.77	2.77	1.5	1-HR	LAB	1ST	5/1/2014 0
Daycare	552124.8	4166686	7.68064	3.02	3.02	1.5	1-HR	LAB	1ST	7/28/2015
UCART1	552304.8	4166686	3.79203	2.78	320.02	1.5	1-HR	LAB	1ST	1/16/2015
UCART1	552324.8	4166686	3.73185	2.57	320.02	1.5	1-HR	LAB	1ST	2/8/2016 1
UCART1	552344.8	4166686	3.69071	2.75	320.02	1.5	1-HR	LAB	1ST	2/8/2016 1
UCART1	552404.8	4166686	4.10182	2.54	320.02	1.5	1-HR	LAB	1ST	12/11/2017
UCART1	552424.8	4166686	3.78211	2.47	320.02	1.5	1-HR	LAB	1ST	12/11/2017
UCART1	552444.8	4166686	3.77544	2.66	320.02	1.5	1-HR	LAB	1ST	10/26/2015
UCART1	552484.8	4166686	3.609	3.19	320.02	1.5	1-HR	LAB	1ST	7/8/2013 0
UCART1	552504.8	4166686	3.66109	3.09	320.02	1.5	1-HR	LAB	1ST	12/18/2014
UCART1	552524.8	4166686	3.68284	3.08	320.02	1.5	1-HR	LAB	1ST	1/24/2014
UCART1	552544.8	4166686	3.68157	3.35	320.02	1.5	1-HR	LAB	1ST	1/24/2014
UCART1	552564.8	4166686	3.55669	3.47	320.02	1.5	1-HR	LAB	1ST	1/24/2014
UCART1	551804.8	4166706	3.9633	3.5	3.5	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551824.8	4166706	3.83354	3.66	3.66	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551864.8	4166706	3.95443	3.12	3.12	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551884.8	4166706	3.99106	2.9	2.9	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551904.8	4166706	4.01017	2.94	2.94	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551924.8	4166706	4.0119	3.05	3.05	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551944.8	4166706	3.99358	3.08	3.08	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551964.8	4166706	3.96091	2.92	2.92	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551984.8	4166706	3.91193	2.72	2.72	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552004.8	4166706	3.83945	2.8	2.8	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552024.8	4166706	3.73636	2.89	2.89	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552044.8	4166706	3.9065	2.88	2.88	1.5	1-HR	LAB	1ST	10/24/2017
UCART1	552084.8	4166706	5.55728	2.67	320.02	1.5	1-HR	LAB	1ST	10/7/2015
UCART1	552104.8	4166706	7.39329	2.79	320.02	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552124.8	4166706	6.72921	3	320.02	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552184.8	4166706	4.11455	2.45	320.02	1.5	1-HR	LAB	1ST	10/10/2013
UCART1	552204.8	4166706	3.50788	2.46	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552264.8	4166706	3.84447	2.57	320.02	1.5	1-HR	LAB	1ST	4/30/2014
UCART1	552304.8	4166706	3.8249	2.51	320.02	1.5	1-HR	LAB	1ST	8/16/2017
UCART1	552324.8	4166706	3.83402	2.4	320.02	1.5	1-HR	LAB	1ST	8/16/2017
UCART1	552344.8	4166706	3.61285	2.69	320.02	1.5	1-HR	LAB	1ST	2/8/2016 1
UCART1	552404.8	4166706	4.15828	2.62	320.02	1.5	1-HR	LAB	1ST	12/11/2017
UCART1	552424.8	4166706	4.1607	2.71	320.02	1.5	1-HR	LAB	1ST	12/11/2017
UCART1	552444.8	4166706	3.809	2.89	320.02	1.5	1-HR	LAB	1ST	12/11/2017
UCART1	552484.8	4166706	3.63027	2.95	320.02	1.5	1-HR	LAB	1ST	10/26/2015
UCART1	552504.8	4166706	3.59333	2.88	320.02	1.5	1-HR	LAB	1ST	7/8/2013 0
UCART1	552524.8	4166706	3.66723	3.06	320.02	1.5	1-HR	LAB	1ST	7/8/2013 0
UCART1	552544.8	4166706	3.83565	3.24	320.02	1.5	1-HR	LAB	1ST	1/24/2014
UCART1	552564.8	4166706	3.8978	3.38	320.02	1.5	1-HR	LAB	1ST	1/24/2014
UCART1	551804.8	4166726	3.96059	3.14	3.14	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551824.8	4166726	4.00762	3.39	3.39	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551864.8	4166726	4.05384	3.28	3.28	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551884.8	4166726	4.04741	2.88	2.88	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551904.8	4166726	4.01855	2.83	2.83	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551924.8	4166726	3.96795	2.98	2.98	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551944.8	4166726	3.89549	3.08	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551964.8	4166726	3.80265	2.89	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551984.8	4166726	3.68872	2.85	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552004.8	4166726	3.54993	2.81	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552024.8	4166726	3.37927	2.88	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552044.8	4166726	3.17027	2.89	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552084.8	4166726	4.15174	2.57	320.02	1.5	1-HR	LAB	1ST	10/7/2015
UCART1	552104.8	4166726	4.93342	3.06	320.02	1.5	1-HR	LAB	1ST	5/1/2014 0
UCART1	552124.8	4166726	5.09004	3.32	320.02	1.5	1-HR	LAB	1ST	5/1/2014 0

Daycare	552144.8	4166726	4.25283	3.15	320.02	1.5	1-HR	LAB	1ST	7/28/2015
Daycare	552164.8	4166726	3.87523	2.73	320.02	1.5	1-HR	LAB	1ST	7/28/2015
UCART1	552184.8	4166726	3.29026	2.47	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552204.8	4166726	3.2177	2.29	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552224.8	4166726	3.6747	2.34	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552244.8	4166726	3.82142	2.41	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552264.8	4166726	3.79973	2.4	320.02	1.5	1-HR	LAB	1ST	2/11/2014
UCART1	552284.8	4166726	3.77049	2.33	320.02	1.5	1-HR	LAB	1ST	4/30/2014
UCART1	552304.8	4166726	3.81524	2.37	320.02	1.5	1-HR	LAB	1ST	8/16/2017
UCART1	552404.8	4166726	3.9879	2.54	320.02	1.5	1-HR	LAB	1ST	12/11/2017
UCART1	552424.8	4166726	4.14315	3.07	320.02	1.5	1-HR	LAB	1ST	12/11/2017
UCART1	552484.8	4166726	3.54871	2.82	320.02	1.5	1-HR	LAB	1ST	10/26/2015
UCART1	552504.8	4166726	3.50163	2.75	320.02	1.5	1-HR	LAB	1ST	10/26/2015
UCART1	552524.8	4166726	3.5059	2.95	320.02	1.5	1-HR	LAB	1ST	7/8/2013 0
UCART1	552544.8	4166726	3.59777	3.19	320.02	1.5	1-HR	LAB	1ST	7/8/2013 0
UCART1	552564.8	4166726	3.86877	3.2	320.02	1.5	1-HR	LAB	1ST	1/24/2014
UCART1	551864.8	4166746	4.01721	3.33	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551884.8	4166746	3.95857	2.81	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551904.8	4166746	3.87472	2.72	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551924.8	4166746	3.76774	2.81	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551944.8	4166746	3.63884	2.93	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551964.8	4166746	3.48666	2.99	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551984.8	4166746	3.31472	2.93	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552004.8	4166746	3.12014	2.84	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552024.8	4166746	3.00256	2.82	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552044.8	4166746	3.03293	2.8	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552084.8	4166746	3.15142	2.64	320.02	1.5	1-HR	LAB	1ST	4/17/2017
UCART1	552104.8	4166746	3.2584	3.16	320.02	1.5	1-HR	LAB	1ST	4/17/2017
UCART1	552124.8	4166746	3.35094	3.29	320.02	1.5	1-HR	LAB	1ST	11/15/2016
Daycare	552144.8	4166746	3.12241	3.12	320.02	1.5	1-HR	LAB	1ST	11/15/2016
Daycare	552164.8	4166746	3.292	2.82	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552184.8	4166746	3.42116	2.61	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552204.8	4166746	3.05887	2.5	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552224.8	4166746	3.35637	2.44	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552244.8	4166746	3.6133	2.44	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552264.8	4166746	3.68142	2.4	320.02	1.5	1-HR	LAB	1ST	2/11/2014
UCART1	552284.8	4166746	3.68365	2.3	320.02	1.5	1-HR	LAB	1ST	4/30/2014
UCART1	552304.8	4166746	3.79801	2.35	320.02	1.5	1-HR	LAB	1ST	4/30/2014
UCART1	552404.8	4166746	3.87608	2.61	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552424.8	4166746	4.01498	3.27	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552464.8	4166746	3.94478	2.89	320.02	1.5	1-HR	LAB	1ST	12/11/2017
UCART1	552484.8	4166746	3.61212	2.74	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552504.8	4166746	3.37438	2.76	320.02	1.5	1-HR	LAB	1ST	4/27/2016
UCART1	552524.8	4166746	3.33705	3.16	320.02	1.5	1-HR	LAB	1ST	12/7/2015
UCART1	552544.8	4166746	3.37412	3.59	320.02	1.5	1-HR	LAB	1ST	7/8/2013 0
UCART1	552564.8	4166746	3.47849	3.44	320.02	1.5	1-HR	LAB	1ST	7/8/2013 0
UCART1	551844.8	4166766	3.91849	3.59	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551884.8	4166766	3.72785	2.81	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551904.8	4166766	3.58961	2.68	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551924.8	4166766	3.43028	2.71	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551944.8	4166766	3.25166	2.86	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551964.8	4166766	3.05394	3.16	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551984.8	4166766	2.84194	2.99	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	552004.8	4166766	2.80958	2.89	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552024.8	4166766	2.99468	2.81	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552044.8	4166766	3.0089	2.74	320.02	1.5	1-HR	LAB	1ST	12/12/2014
UCART1	552084.8	4166766	3.1834	2.73	320.02	1.5	1-HR	LAB	1ST	4/17/2017
UCART1	552104.8	4166766	3.22357	3.13	320.02	1.5	1-HR	LAB	1ST	4/17/2017

UCART1	552124.8	4166766	3.40212	3.12	320.02	1.5	1-HR	LAB	1ST	11/15/2016
UCART1	552144.8	4166766	3.16533	3.02	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552164.8	4166766	3.33602	2.94	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART1	552184.8	4166766	3.48714	2.78	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552204.8	4166766	3.18458	2.75	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552224.8	4166766	3.08257	2.6	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552244.8	4166766	3.38906	2.54	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552264.8	4166766	3.51088	2.5	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552284.8	4166766	3.63398	2.4	320.02	1.5	1-HR	LAB	1ST	2/11/2014
UCART1	552304.8	4166766	3.82945	2.4	320.02	1.5	1-HR	LAB	1ST	4/30/2014
UCART1	552404.8	4166766	3.75115	2.78	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552424.8	4166766	4.13836	3.35	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552464.8	4166766	3.89907	2.72	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552484.8	4166766	3.88651	2.69	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552504.8	4166766	3.63149	2.87	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552524.8	4166766	3.43868	3.52	320.02	1.5	1-HR	LAB	1ST	10/21/2013
UCART1	552544.8	4166766	3.32439	4.2	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552564.8	4166766	3.34635	3.92	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	551844.8	4166786	3.66107	3.63	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551884.8	4166786	3.37803	3.02	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551904.8	4166786	3.19546	2.83	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551924.8	4166786	3.00718	2.86	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551944.8	4166786	2.81401	3.1	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551964.8	4166786	2.74097	3.46	320.02	1.5	1-HR	LAB	1ST	1/17/2014
UCART1	551984.8	4166786	2.66599	2.97	320.02	1.5	1-HR	LAB	1ST	1/17/2014
UCART1	552004.8	4166786	2.82844	3.05	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552024.8	4166786	2.93324	2.99	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552044.8	4166786	3.11146	2.86	320.02	1.5	1-HR	LAB	1ST	1/24/2013
UCART1	552064.8	4166786	3.18544	2.8	320.02	1.5	1-HR	LAB	1ST	1/24/2013
UCART1	552084.8	4166786	3.16366	2.74	320.02	1.5	1-HR	LAB	1ST	4/17/2017
UCART1	552104.8	4166786	3.23671	2.78	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART1	552124.8	4166786	3.40499	2.86	320.02	1.5	1-HR	LAB	1ST	11/15/2016
UCART1	552144.8	4166786	3.25939	2.99	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552164.8	4166786	3.37059	3.05	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART1	552184.8	4166786	3.49818	2.9	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552204.8	4166786	3.26008	2.54	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552224.8	4166786	2.88566	2.51	320.02	1.5	1-HR	LAB	1ST	5/14/2013
UCART1	552244.8	4166786	3.16324	2.59	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	552264.8	4166786	3.4142	2.68	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552284.8	4166786	3.62096	2.69	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552304.8	4166786	3.78223	2.52	320.02	1.5	1-HR	LAB	1ST	4/30/2014
UCART1	552464.8	4166786	4.0982	2.63	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552484.8	4166786	3.93599	2.82	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552504.8	4166786	3.88598	3.25	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552524.8	4166786	3.64132	3.55	320.02	1.5	1-HR	LAB	1ST	10/21/2013
UCART1	552544.8	4166786	3.51491	3.91	320.02	1.5	1-HR	LAB	1ST	10/21/2013
UCART1	552564.8	4166786	3.36082	3.77	320.02	1.5	1-HR	LAB	1ST	1/29/2014
UCART1	551844.8	4166806	3.30142	3.63	320.02	1.5	1-HR	LAB	1ST	3/24/2015
UCART1	551884.8	4166806	3.00113	3.38	320.02	1.5	1-HR	LAB	1ST	1/13/2015
UCART1	551904.8	4166806	3.03029	3.23	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551924.8	4166806	2.86189	3.22	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551944.8	4166806	2.81202	3.32	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551964.8	4166806	2.68826	3.37	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551984.8	4166806	2.58946	2.91	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552004.8	4166806	2.79928	3.01	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552024.8	4166806	2.91824	3.02	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART1	552044.8	4166806	3.17651	2.93	320.02	1.5	1-HR	LAB	1ST	1/24/2013
UCART1	552064.8	4166806	3.17343	2.83	320.02	1.5	1-HR	LAB	1ST	1/24/2013

UCART1	552104.8	4166806	3.29571	2.82	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART1	552124.8	4166806	3.37056	2.95	320.02	1.5	1-HR	LAB	1ST	11/15/2016
UCART1	552144.8	4166806	3.31122	3.08	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552164.8	4166806	3.36411	3.12	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART1	552184.8	4166806	3.46514	3.01	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552204.8	4166806	3.29347	2.5	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552224.8	4166806	2.87993	2.52	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552244.8	4166806	2.92902	2.61	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552264.8	4166806	3.29023	2.7	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552284.8	4166806	3.54569	2.73	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552304.8	4166806	3.64928	2.53	320.02	1.5	1-HR	LAB	1ST	4/30/2014
UCART1	552404.8	4166806	3.5176	3.47	320.02	1.5	1-HR	LAB	1ST	2/25/2016
UCART1	552424.8	4166806	3.81037	2.98	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552464.8	4166806	4.29731	2.52	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552484.8	4166806	4.04562	2.74	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552504.8	4166806	3.94734	3.17	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552524.8	4166806	3.8595	3.32	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552544.8	4166806	3.71482	3.59	320.02	1.5	1-HR	LAB	1ST	10/21/2013
UCART1	552564.8	4166806	3.57283	3.52	320.02	1.5	1-HR	LAB	1ST	10/21/2013
UCART1	551844.8	4166826	3.11661	3.59	320.02	1.5	1-HR	LAB	1ST	1/13/2015
UCART1	551884.8	4166826	3.03484	3.73	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551904.8	4166826	3.03545	3.69	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551924.8	4166826	2.8656	3.63	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551944.8	4166826	2.77479	3.52	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551964.8	4166826	2.64015	3.21	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551984.8	4166826	2.59116	2.87	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552004.8	4166826	2.73235	2.91	320.02	1.5	1-HR	LAB	1ST	2/11/2015
UCART1	552024.8	4166826	3.05753	2.99	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART1	552044.8	4166826	3.20128	2.96	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART1	552064.8	4166826	3.11907	2.85	320.02	1.5	1-HR	LAB	1ST	1/24/2013
UCART1	552104.8	4166826	3.32138	2.99	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART1	552124.8	4166826	3.30835	3.15	320.02	1.5	1-HR	LAB	1ST	11/15/2016
UCART1	552144.8	4166826	3.32598	3.18	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552164.8	4166826	3.32698	3.15	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART1	552184.8	4166826	3.40358	3.11	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552204.8	4166826	3.29728	2.58	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552224.8	4166826	2.97049	2.58	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552244.8	4166826	2.84315	2.59	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART1	552264.8	4166826	3.13852	2.61	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552284.8	4166826	3.41819	2.62	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552304.8	4166826	3.56185	2.45	320.02	1.5	1-HR	LAB	1ST	2/19/2015
UCART1	552404.8	4166826	3.6455	3.92	320.02	1.5	1-HR	LAB	1ST	2/25/2016
UCART1	552424.8	4166826	3.66838	2.91	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552464.8	4166826	4.25226	2.42	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552484.8	4166826	4.28283	2.5	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552504.8	4166826	3.9812	2.71	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552524.8	4166826	3.93423	2.86	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552544.8	4166826	3.8138	3.25	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552564.8	4166826	3.76416	3.18	320.02	1.5	1-HR	LAB	1ST	10/21/2013
UCART1	551844.8	4166846	3.14262	3.44	320.02	1.5	1-HR	LAB	1ST	1/13/2015
UCART1	551864.8	4166846	3.0274	3.53	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551904.8	4166846	2.89963	3.96	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551924.8	4166846	2.83756	3.9	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551944.8	4166846	2.72458	3.68	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551964.8	4166846	2.58783	3.42	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART1	551984.8	4166846	2.62609	3.02	320.02	1.5	1-HR	LAB	1ST	2/16/2016
UCART1	552004.8	4166846	2.78025	2.92	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART1	552024.8	4166846	3.16055	3	320.02	1.5	1-HR	LAB	1ST	1/16/2014

UCART1	552044.8	4166846	3.19851	3.02	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART1	552064.8	4166846	3.03435	2.87	320.02	1.5	1-HR	LAB	1ST	1/24/2013
UCART1	552104.8	4166846	3.31888	2.67	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART1	552124.8	4166846	3.22734	2.88	320.02	1.5	1-HR	LAB	1ST	11/15/2016
UCART1	552144.8	4166846	3.31119	2.99	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552164.8	4166846	3.26799	3.05	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART1	552184.8	4166846	3.32376	3.18	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552204.8	4166846	3.28095	2.78	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552224.8	4166846	3.04616	2.62	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552244.8	4166846	2.85329	2.53	320.02	1.5	1-HR	LAB	1ST	4/7/2014 0
UCART1	552264.8	4166846	2.97617	2.51	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART1	552284.8	4166846	3.26019	2.5	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART1	552304.8	4166846	3.4784	2.44	320.02	1.5	1-HR	LAB	1ST	2/19/2015
UCART1	552404.8	4166846	3.78828	2.41	320.02	1.5	1-HR	LAB	1ST	1/15/2014
UCART1	552424.8	4166846	3.61135	2.58	320.02	1.5	1-HR	LAB	1ST	2/25/2016
UCART1	552464.8	4166846	4.21337	2.46	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552484.8	4166846	4.36451	2.58	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552504.8	4166846	4.21638	2.79	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART1	552524.8	4166846	3.99161	2.91	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART1	552544.8	4166846	3.89804	3.04	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART2	551904.6	4166869	2.87984	4.03	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART2	551924.6	4166869	2.7872	4.05	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART2	551944.6	4166869	2.66626	3.81	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART2	551964.6	4166869	2.54555	3.53	320.02	1.5	1-HR	LAB	1ST	2/10/2016
UCART2	551984.6	4166869	2.69864	3.22	320.02	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	552004.6	4166869	2.92999	2.92	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552024.6	4166869	3.22289	3.02	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552044.6	4166869	3.13169	3.06	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552064.6	4166869	2.91864	2.84	320.02	1.5	1-HR	LAB	1ST	1/24/2013
UCART2	552084.6	4166869	3.17702	2.67	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552104.6	4166869	3.2903	2.75	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552124.6	4166869	3.16052	2.87	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552144.6	4166869	3.26784	2.96	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART2	552164.6	4166869	3.18228	3.04	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART2	552184.6	4166869	3.21884	3.15	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552204.6	4166869	3.24679	3.03	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552224.6	4166869	3.11506	2.8	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552244.6	4166869	2.96957	2.59	320.02	1.5	1-HR	LAB	1ST	4/7/2014 0
UCART2	552264.6	4166869	3.00039	2.47	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552284.6	4166869	3.23634	2.45	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552304.6	4166869	3.26748	2.45	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552384.6	4166869	4.0726	2.66	320.02	1.5	1-HR	LAB	1ST	1/15/2014
UCART2	552404.6	4166869	3.97406	2.02	320.02	1.5	1-HR	LAB	1ST	1/15/2014
UCART2	552424.6	4166869	3.74544	2.48	320.02	1.5	1-HR	LAB	1ST	1/23/2015
UCART2	552464.6	4166869	4.13599	2.53	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	552484.6	4166869	4.30975	2.66	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	552504.6	4166869	4.3601	2.85	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	552524.6	4166869	4.14279	3.01	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	552544.6	4166869	3.97028	2.99	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART2	551884.6	4166889	2.91223	3.59	356.4	1.5	1-HR	LAB	1ST	3/29/2013
UCART2	551924.6	4166889	2.73678	4.08	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART2	551944.6	4166889	2.43841	3.83	320.02	1.5	1-HR	LAB	1ST	3/29/2013
UCART2	551964.6	4166889	2.58283	3.51	320.02	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	551984.6	4166889	2.72682	3.33	320.02	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	552004.6	4166889	3.03285	2.95	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552024.6	4166889	3.22853	3.05	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552044.6	4166889	3.02103	3.08	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552064.6	4166889	2.8604	2.83	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0

UCART2	552084.6	4166889	3.16176	2.75	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552104.6	4166889	3.24919	2.97	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552124.6	4166889	3.12318	2.99	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552144.6	4166889	3.21357	3.02	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART2	552164.6	4166889	3.09836	3.08	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART2	552184.6	4166889	3.12322	3.07	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552204.6	4166889	3.20545	3.2	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552224.6	4166889	3.15393	3.02	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552244.6	4166889	3.03098	2.74	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552264.6	4166889	2.98041	2.55	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552284.6	4166889	3.27292	2.53	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552304.6	4166889	3.37272	2.52	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552384.6	4166889	4.11	2.72	320.02	1.5	1-HR	LAB	1ST	12/8/2015
UCART2	552404.6	4166889	4.13665	2.57	320.02	1.5	1-HR	LAB	1ST	1/21/2016
UCART2	552424.6	4166889	3.90114	2.6	320.02	1.5	1-HR	LAB	1ST	1/15/2014
UCART2	552464.6	4166889	3.97572	2.61	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	552484.6	4166889	4.27235	2.7	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	552504.6	4166889	4.34767	2.88	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	552524.6	4166889	4.30033	3.12	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	551924.6	4166909	2.49129	3.97	356.4	1.5	1-HR	LAB	1ST	3/29/2013
UCART2	551944.6	4166909	2.48974	3.62	356.4	1.5	1-HR	LAB	1ST	10/16/2017
UCART2	551964.6	4166909	2.65916	3.34	356.4	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	551984.6	4166909	2.70674	3.25	356.4	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	552004.6	4166909	3.01468	3.13	345.72	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552024.6	4166909	3.12577	3.09	320.02	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552044.6	4166909	2.91226	3.05	320.02	1.5	1-HR	LAB	1ST	1/24/2013
UCART2	552064.6	4166909	2.86729	2.99	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552084.6	4166909	3.13072	2.94	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552124.6	4166909	3.08284	2.94	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552144.6	4166909	3.15696	3.07	320.02	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552164.6	4166909	3.01829	3.11	320.02	1.5	1-HR	LAB	1ST	2/12/2014
UCART2	552184.6	4166909	3.03477	3.01	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART2	552204.6	4166909	3.1569	3.1	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552224.6	4166909	3.17364	3.17	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552244.6	4166909	3.11311	3.15	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552264.6	4166909	2.99449	3.12	320.02	1.5	1-HR	LAB	1ST	4/7/2014 0
UCART2	552284.6	4166909	3.2583	3.08	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552304.6	4166909	3.41305	2.87	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552384.6	4166909	4.22697	2.72	320.02	1.5	1-HR	LAB	1ST	12/8/2015
UCART2	552404.6	4166909	4.23488	2.84	320.02	1.5	1-HR	LAB	1ST	1/21/2016
UCART2	552424.6	4166909	4.07014	2.91	320.02	1.5	1-HR	LAB	1ST	1/21/2016
UCART2	552464.6	4166909	3.94563	2.7	320.02	1.5	1-HR	LAB	1ST	12/25/2013
UCART2	552484.6	4166909	4.13323	2.58	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	552504.6	4166909	4.33826	2.79	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	552524.6	4166909	4.32727	3.04	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	551904.6	4166929	2.74606	3.93	356.88	1.5	1-HR	LAB	1ST	3/29/2013
UCART2	551924.6	4166929	2.49992	3.89	356.88	1.5	1-HR	LAB	1ST	3/29/2013
UCART2	551944.6	4166929	2.56499	3.65	356.88	1.5	1-HR	LAB	1ST	10/16/2017
UCART2	551964.6	4166929	2.69535	3.52	356.88	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	551984.6	4166929	2.73044	3.22	356.4	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552004.6	4166929	2.97347	3.18	356.4	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552024.6	4166929	2.92921	3.14	356.4	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552044.6	4166929	2.81033	3.08	356.4	1.5	1-HR	LAB	1ST	1/24/2013
UCART2	552064.6	4166929	2.85815	3.03	356.4	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552084.6	4166929	3.08876	2.98	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552124.6	4166929	3.04301	2.95	320.02	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552144.6	4166929	3.17109	3.05	320.02	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552164.6	4166929	2.97462	3.11	320.02	1.5	1-HR	LAB	1ST	2/12/2014

UCART2	552184.6	4166929	2.9801	3.14	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART2	552204.6	4166929	3.10222	3.29	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552224.6	4166929	3.17424	3.4	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552244.6	4166929	3.16339	3.48	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552264.6	4166929	3.02696	3.5	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552284.6	4166929	3.2028	3.43	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552304.6	4166929	3.39933	3.36	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552384.6	4166929	4.23408	2.77	320.02	1.5	1-HR	LAB	1ST	12/8/2015
UCART2	552404.6	4166929	4.24019	2.93	320.02	1.5	1-HR	LAB	1ST	1/21/2016
UCART2	552424.6	4166929	4.24222	3	320.02	1.5	1-HR	LAB	1ST	1/21/2016
UCART2	552464.6	4166929	4.11274	2.83	320.02	1.5	1-HR	LAB	1ST	12/25/2013
UCART2	552484.6	4166929	3.97618	2.53	320.02	1.5	1-HR	LAB	1ST	12/25/2013
UCART2	552504.6	4166929	4.2222	2.7	320.02	1.5	1-HR	LAB	1ST	8/22/2014
UCART2	551944.6	4166949	2.60637	3.84	356.88	1.5	1-HR	LAB	1ST	10/16/2017
UCART2	551964.6	4166949	2.69222	3.8	356.88	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	551984.6	4166949	2.761	3.23	356.88	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552004.6	4166949	2.91789	3.19	356.88	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552024.6	4166949	2.80122	3.21	356.88	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552044.6	4166949	2.79059	3.15	356.4	1.5	1-HR	LAB	1ST	1/24/2013
UCART2	552064.6	4166949	2.8368	3.03	356.4	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552084.6	4166949	3.04035	2.97	356.4	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552124.6	4166949	3.00673	2.98	345.72	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552144.6	4166949	3.13321	3.04	320.02	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552164.6	4166949	2.93546	3.11	320.02	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552184.6	4166949	2.92339	3.32	320.02	1.5	1-HR	LAB	1ST	6/10/2015
UCART2	552204.6	4166949	3.04206	3.53	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552224.6	4166949	3.15699	3.63	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552244.6	4166949	3.18433	3.7	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552264.6	4166949	3.07821	3.64	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552284.6	4166949	3.11734	3.57	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552384.6	4166949	4.14139	2.84	320.02	1.5	1-HR	LAB	1ST	12/8/2015
UCART2	552404.6	4166949	4.14918	2.86	320.02	1.5	1-HR	LAB	1ST	1/21/2016
UCART2	552424.6	4166949	4.45934	2.88	320.02	1.5	1-HR	LAB	1ST	1/21/2016
UCART2	552464.6	4166949	4.22329	3.01	320.02	1.5	1-HR	LAB	1ST	12/25/2013
UCART2	552484.6	4166949	4.14646	2.53	320.02	1.5	1-HR	LAB	1ST	12/25/2013
UCART2	552504.6	4166949	3.96604	2.62	320.02	1.5	1-HR	LAB	1ST	12/25/2013
UCART2	551944.6	4166969	2.64552	4.26	356.88	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	551964.6	4166969	2.65151	3.85	356.88	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	551984.6	4166969	2.75856	3.49	356.88	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552004.6	4166969	2.83586	3.35	356.88	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552024.6	4166969	2.71197	3.37	356.88	1.5	1-HR	LAB	1ST	1/24/2013
UCART2	552044.6	4166969	2.78103	3.28	356.88	1.5	1-HR	LAB	1ST	1/24/2013
UCART2	552064.6	4166969	2.80674	3.16	356.88	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552084.6	4166969	2.98891	3.3	356.88	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552124.6	4166969	2.97399	3.09	356.4	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552144.6	4166969	3.1002	3.29	356.4	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552164.6	4166969	2.92703	3.24	356.4	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552184.6	4166969	2.86522	2.91	345.72	1.5	1-HR	LAB	1ST	6/10/2015
UCART2	552284.6	4166969	3.01106	2.19	320.02	1.5	1-HR	LAB	1ST	12/28/2015
UCART2	552384.6	4166969	4.15595	3.01	320.02	1.5	1-HR	LAB	1ST	2/19/2015
UCART2	552404.6	4166969	4.17454	3.05	320.02	1.5	1-HR	LAB	1ST	2/19/2015
UCART2	552424.6	4166969	4.5554	3.54	320.02	1.5	1-HR	LAB	1ST	1/21/2016
UCART2	551964.6	4166989	2.57895	4.16	356.88	1.5	1-HR	LAB	1ST	2/16/2016
UCART2	551984.6	4166989	2.72725	3.67	356.88	1.5	1-HR	LAB	1ST	1/16/2014
UCART2	552004.6	4166989	2.76642	3.5	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552024.6	4166989	2.7508	3.48	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552044.6	4166989	2.75505	3.41	356.88	1.5	1-HR	LAB	1ST	1/24/2013
UCART2	552064.6	4166989	2.77432	3.34	356.88	1.5	1-HR	LAB	1ST	12/26/2017

UCART2	552084.6	4166989	2.9372	3.5	356.88	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552104.6	4166989	2.98684	3.14	356.88	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552124.6	4166989	2.94413	3.09	356.88	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552144.6	4166989	3.05873	2.83	356.88	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552204.6	4166989	2.908	2.19	356.4	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552224.6	4166989	3.07759	3.33	345.72	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552244.6	4166989	3.15432	3.13	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552264.6	4166989	3.09379	2.47	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552364.6	4166989	3.8857	3.32	320.02	1.5	1-HR	LAB	1ST	1/13/2014
UCART2	552384.6	4166989	4.14397	2.74	320.02	1.5	1-HR	LAB	1ST	2/19/2015
UCART2	552404.6	4166989	4.23776	3.08	320.02	1.5	1-HR	LAB	1ST	2/19/2015
UCART2	552424.6	4166989	4.47301	3.48	320.02	1.5	1-HR	LAB	1ST	1/21/2016
UCART2	551964.6	4167009	2.59974	4.62	356.88	1.5	1-HR	LAB	1ST	12/9/2015
UCART2	551984.6	4167009	2.74928	3.8	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552004.6	4167009	2.82349	3.64	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552024.6	4167009	2.79493	3.55	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552044.6	4167009	2.71669	3.54	356.88	1.5	1-HR	LAB	1ST	1/21/2014
UCART2	552064.6	4167009	2.73697	3.56	356.88	1.5	1-HR	LAB	1ST	12/26/2017
UCART2	552084.6	4167009	2.88703	3.58	356.88	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552104.6	4167009	2.94109	3.57	356.88	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552184.6	4167009	2.81545	3.64	356.88	1.5	1-HR	LAB	1ST	12/8/2015
UCART2	552204.6	4167009	2.9	3.57	356.4	1.5	1-HR	LAB	1ST	11/11/2014
UCART2	552224.6	4167009	3.02063	4.03	356.4	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552244.6	4167009	3.11244	4.2	348.95	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552264.6	4167009	3.06931	4.36	320.02	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	551984.6	4167029	2.81414	4.15	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552004.6	4167029	2.86972	3.82	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552024.6	4167029	2.83161	3.55	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552044.6	4167029	2.71602	3.58	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552064.6	4167029	2.69382	3.56	356.88	1.5	1-HR	LAB	1ST	12/26/2017
UCART2	552084.6	4167029	2.83923	2.77	356.88	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552144.6	4167029	2.95959	3.29	356.88	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552164.6	4167029	2.85666	3.03	356.88	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552184.6	4167029	2.79956	3.98	356.88	1.5	1-HR	LAB	1ST	12/8/2015
UCART2	552204.6	4167029	2.8842	3.96	356.88	1.5	1-HR	LAB	1ST	11/11/2014
UCART2	552224.6	4167029	2.95535	3.93	356.88	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	552244.6	4167029	3.05737	4.07	356.4	1.5	1-HR	LAB	1ST	12/9/2014
UCART2	551984.6	4167049	2.86899	4.63	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552004.6	4167049	2.91031	3.92	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552024.6	4167049	2.86594	3.36	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552044.6	4167049	2.75407	3.04	356.88	1.5	1-HR	LAB	1ST	1/17/2014
UCART2	552064.6	4167049	2.65252	2.79	356.88	1.5	1-HR	LAB	1ST	9/2/2016 0
UCART2	552144.6	4167049	2.90499	3.84	356.88	1.5	1-HR	LAB	1ST	1/28/2016
UCART2	552164.6	4167049	2.8965	3.61	356.88	1.5	1-HR	LAB	1ST	1/4/2013 1
UCART2	552184.6	4167049	2.84798	4.13	356.88	1.5	1-HR	LAB	1ST	1/4/2013 1
UCART2	552204.6	4167049	2.86012	4.14	356.88	1.5	1-HR	LAB	1ST	11/11/2014
UCART2	552224.6	4167049	2.88391	3.85	356.88	1.5	1-HR	LAB	1ST	12/9/2014
131NORTH	552218.8	4166487	7.46003	3.19	3.19	1.5	1-HR	LAB	1ST	10/28/2015
131NORTH	552198.8	4166507	7.60121	3.07	3.07	1.5	1-HR	LAB	1ST	8/22/2014
131NORTH	552218.8	4166507	7.13974	3.13	3.13	1.5	1-HR	LAB	1ST	8/29/2014
131NORTH	552238.8	4166507	6.91117	3.38	3.38	1.5	1-HR	LAB	1ST	10/28/2015
131NORTH	552178.8	4166527	8.51077	3.23	3.23	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552198.8	4166527	8.17396	3.02	3.02	1.5	1-HR	LAB	1ST	5/14/2014
131NORTH	552218.8	4166527	7.75617	3.03	3.03	1.5	1-HR	LAB	1ST	8/22/2014
131NORTH	552238.8	4166527	7.40316	3.27	3.27	1.5	1-HR	LAB	1ST	8/22/2014
131NORTH	552258.8	4166527	7.21317	3.43	3.43	1.5	1-HR	LAB	1ST	8/29/2014
131NORTH	552278.8	4166527	5.18822	3.31	3.31	1.5	1-HR	LAB	1ST	12/29/2017
131NORTH	552098.8	4166547	6.59091	3.59	3.59	1.5	1-HR	LAB	1ST	3/3/2015 0

131NORTH	552118.8	4166547	5.75534	3.44	3.44	1.5	1-HR	LAB	1ST	3/3/2015 0
131NORTH	552138.8	4166547	4.76268	3.32	3.32	1.5	1-HR	LAB	1ST	3/3/2015 0
131NORTH	552158.8	4166547	6.85451	3.3	3.3	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552178.8	4166547	8.30462	3.14	3.14	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552198.8	4166547	8.28925	2.93	2.93	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552218.8	4166547	8.22216	2.9	2.9	1.5	1-HR	LAB	1ST	5/14/2014
131NORTH	552238.8	4166547	7.75575	3.08	3.08	1.5	1-HR	LAB	1ST	8/22/2014
131NORTH	552258.8	4166547	7.02167	3.28	3.28	1.5	1-HR	LAB	1ST	5/14/2014
131NORTH	552278.8	4166547	4.2162	3.25	3.25	1.5	1-HR	LAB	1ST	5/3/2013 0
131NORTH	552118.8	4166567	5.21201	3.35	3.35	1.5	1-HR	LAB	1ST	10/28/2016
131NORTH	552138.8	4166567	4.9107	3.24	3.24	1.5	1-HR	LAB	1ST	10/28/2016
131NORTH	552158.8	4166567	6.16169	3.17	3.17	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552178.8	4166567	7.86071	3.12	3.12	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552198.8	4166567	8.37872	2.96	2.96	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552218.8	4166567	7.66774	2.85	2.85	1.5	1-HR	LAB	1ST	10/3/2014
131NORTH	552238.8	4166567	7.32543	2.91	2.91	1.5	1-HR	LAB	1ST	7/16/2015
131NORTH	552258.8	4166567	5.99905	3.13	3.13	1.5	1-HR	LAB	1ST	10/3/2014
131NORTH	552278.8	4166567	4.23118	3.13	3.13	1.5	1-HR	LAB	1ST	5/3/2013 0
131NORTH	552118.8	4166587	5.36108	3.27	3.27	1.5	1-HR	LAB	1ST	10/28/2016
131NORTH	552138.8	4166587	5.51664	3.21	3.21	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552158.8	4166587	6.04107	3.06	3.06	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552178.8	4166587	7.33873	3.06	3.06	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552198.8	4166587	8.31159	2.95	2.95	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552218.8	4166587	7.23184	2.81	2.81	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552238.8	4166587	6.48884	2.79	2.79	1.5	1-HR	LAB	1ST	10/3/2014
131NORTH	552258.8	4166587	4.18757	2.95	2.95	1.5	1-HR	LAB	1ST	7/23/2014
131NORTH	552278.8	4166587	3.83468	2.99	2.99	1.5	1-HR	LAB	1ST	7/23/2014
131NORTH	552118.8	4166607	6.23239	3.18	3.18	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552138.8	4166607	6.53295	3.22	3.22	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552158.8	4166607	6.91043	2.98	2.98	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552178.8	4166607	7.59359	2.94	2.94	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552198.8	4166607	7.20548	2.88	2.88	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552218.8	4166607	5.44565	2.79	2.79	1.5	1-HR	LAB	1ST	5/15/2014
131NORTH	552238.8	4166607	4.16413	2.71	2.71	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552258.8	4166607	4.25725	2.72	2.72	1.5	1-HR	LAB	1ST	7/23/2014
131NORTH	552278.8	4166607	4.12606	2.84	2.84	1.5	1-HR	LAB	1ST	7/23/2014
131NORTH	552118.8	4166627	7.00277	3.09	3.09	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552138.8	4166627	7.14711	3.22	3.22	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552158.8	4166627	7.26288	3	3	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552178.8	4166627	7.17517	2.88	2.88	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552198.8	4166627	6.22113	2.71	2.71	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552218.8	4166627	5.0977	2.64	2.64	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552238.8	4166627	4.05069	2.7	2.7	1.5	1-HR	LAB	1ST	4/30/2014
131NORTH	552258.8	4166627	4.1736	2.74	2.74	1.5	1-HR	LAB	1ST	7/23/2014
131NORTH	552278.8	4166627	4.12366	2.86	2.86	1.5	1-HR	LAB	1ST	7/23/2014
131NORTH	552298.8	4166627	3.89904	2.93	2.93	1.5	1-HR	LAB	1ST	7/23/2014
131NORTH	552118.8	4166647	7.3274	3.03	3.03	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552138.8	4166647	7.21463	3.24	3.24	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552158.8	4166647	7.01695	2.98	2.98	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552178.8	4166647	6.64822	2.85	2.85	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552198.8	4166647	5.78998	2.64	2.64	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552218.8	4166647	4.53047	2.59	2.59	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552238.8	4166647	4.13826	2.71	2.71	1.5	1-HR	LAB	1ST	4/30/2014
131NORTH	552258.8	4166647	3.98352	2.79	2.79	1.5	1-HR	LAB	1ST	8/12/2013
131NORTH	552278.8	4166647	3.98608	2.88	2.88	1.5	1-HR	LAB	1ST	7/23/2014
131NORTH	552298.8	4166647	3.91934	2.95	2.95	1.5	1-HR	LAB	1ST	7/23/2014
131NORTH	552138.8	4166667	6.66837	3.26	3.26	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552158.8	4166667	6.16709	2.87	2.87	1.5	1-HR	LAB	1ST	5/1/2014 0

131NORTH	552178.8	4166667	5.51565	2.9	2.9	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552198.8	4166667	4.74569	2.75	2.75	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552218.8	4166667	4.25143	2.68	2.68	1.5	1-HR	LAB	1ST	1/29/2014
131NORTH	552238.8	4166667	4.18341	2.74	2.74	1.5	1-HR	LAB	1ST	1/29/2014
131NORTH	552258.8	4166667	4.01706	2.83	2.83	1.5	1-HR	LAB	1ST	4/30/2014
131NORTH	552278.8	4166667	3.87182	2.89	2.89	1.5	1-HR	LAB	1ST	1/16/2015
Daycare	552138.8	4166687	7.24528	3.11	3.11	1.5	1-HR	LAB	1ST	7/28/2015
Daycare	552158.8	4166687	5.5465	2.81	2.81	1.5	1-HR	LAB	1ST	5/1/2014 0
Daycare	552178.8	4166687	4.61471	2.68	2.68	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552198.8	4166687	3.63667	2.61	320.02	1.5	1-HR	LAB	1ST	5/1/2014 0
131NORTH	552218.8	4166687	4.08931	2.62	320.02	1.5	1-HR	LAB	1ST	1/29/2014
131NORTH	552238.8	4166687	4.14258	2.67	320.02	1.5	1-HR	LAB	1ST	1/29/2014
131NORTH	552258.8	4166687	3.96665	2.71	320.02	1.5	1-HR	LAB	1ST	4/30/2014
131NORTH	552278.8	4166687	3.86878	2.75	320.02	1.5	1-HR	LAB	1ST	3/19/2013
Daycare	552142.4	4166706	6.24182	3.02	320.02	1.5	1-HR	LAB	1ST	7/28/2015
Daycare	552158.8	4166707	5.22913	2.78	320.02	1.5	1-HR	LAB	1ST	7/28/2015
131NORTH	552278.8	4166707	3.83815	2.57	320.02	1.5	1-HR	LAB	1ST	4/30/2014
Daycare	552158.8	4166727	4.07977	2.81	320.02	1.5	1-HR	LAB	1ST	7/28/2015
Daycare	552158.8	4166747	3.23754	2.89	320.02	1.5	1-HR	LAB	1ST	6/10/2015

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Num Years
UCART1	552064.8	4166026	0.02423	4.6	4.6	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166026	0.02455	4.06	4.06	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166026	0.02488	3.76	3.76	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166026	0.02522	3.81	3.81	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166026	0.02564	3.84	3.84	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166026	0.02611	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166026	0.02653	3.35	3.35	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166026	0.02689	3.16	3.16	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166026	0.02712	3	3	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166026	0.02732	2.93	2.93	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166026	0.02764	2.94	2.94	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166026	0.02796	2.99	2.99	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166026	0.02821	2.98	2.98	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166026	0.02875	3.02	3.02	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166026	0.02919	2.88	2.88	1.5	ANNUAL	LAB	5
UCART1	552364.8	4166026	0.02986	2.63	2.63	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166046	0.02575	3.83	3.83	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166046	0.02598	3.66	3.66	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166046	0.02628	3.73	3.73	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166046	0.0267	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166046	0.02713	3.55	3.55	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166046	0.02767	3.43	3.43	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166046	0.02809	3.46	3.46	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166046	0.02852	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166046	0.02879	3.19	3.19	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166046	0.02911	3.08	3.08	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166046	0.02953	3.04	3.04	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166046	0.02979	3.2	3.2	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166046	0.03031	3.03	3.03	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166046	0.03088	2.68	2.68	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166046	0.03151	2.44	2.44	1.5	ANNUAL	LAB	5
UCART1	552364.8	4166046	0.03247	2.37	2.37	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166066	0.02788	4.58	4.58	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166066	0.02799	4.32	4.32	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166066	0.02799	4.31	4.31	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166066	0.02782	4.1	4.1	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166066	0.0276	3.84	3.84	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166066	0.02743	3.7	3.7	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166066	0.02741	3.7	3.7	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166066	0.02736	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166066	0.02752	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166066	0.02785	3.76	3.76	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166066	0.02835	3.7	3.7	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166066	0.02878	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166066	0.02925	3.58	3.58	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166066	0.02984	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166066	0.0303	3.29	3.29	1.5	ANNUAL	LAB	5

UCART1	552224.8	4166066	0.03069	3.24	3.24	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166066	0.03105	3.19	3.19	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166066	0.03165	3.18	3.18	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166066	0.03197	3.44	3.44	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166066	0.03265	2.99	2.99	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166066	0.03345	2.56	2.56	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166066	0.0343	2.3	2.3	1.5	ANNUAL	LAB	5
UCART1	552364.8	4166066	0.03561	2.29	2.29	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166086	0.02955	4.55	4.55	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166086	0.02953	4.56	4.56	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166086	0.02968	4.65	4.65	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166086	0.0296	4.31	4.31	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166086	0.0294	3.82	3.82	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166086	0.02917	3.59	3.59	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166086	0.02919	3.65	3.65	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166086	0.02911	3.47	3.47	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166086	0.02926	3.58	3.58	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166086	0.02951	3.79	3.79	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166086	0.03004	3.73	3.73	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166086	0.03059	3.59	3.59	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166086	0.0311	3.72	3.72	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166086	0.03179	3.28	3.28	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166086	0.03232	3.1	3.1	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166086	0.03284	3.14	3.14	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166086	0.03337	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166086	0.03391	3.29	3.29	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166086	0.03447	3.67	3.67	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166086	0.03544	2.91	2.91	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166086	0.03648	2.59	2.59	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166086	0.03778	2.38	2.38	1.5	ANNUAL	LAB	5
UCART1	552364.8	4166086	0.03944	2.34	2.34	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166086	0.05281	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166086	0.05652	3	3	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166086	0.06025	2.42	2.42	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166086	0.06377	2.92	2.92	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166086	0.06577	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166086	0.06791	3.43	3.43	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166106	0.03029	4.88	4.88	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166106	0.03086	4.68	4.68	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166106	0.03128	4.62	4.62	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166106	0.03139	4.94	4.94	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166106	0.03148	5.06	5.06	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166106	0.03156	4.8	4.8	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166106	0.03141	4.16	4.16	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166106	0.03122	3.68	3.68	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166106	0.03112	3.58	3.58	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166106	0.031	3.51	3.51	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166106	0.03118	3.79	3.79	1.5	ANNUAL	LAB	5

UCART1	552104.8	4166106	0.03144	3.64	3.64	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166106	0.03195	3.67	3.67	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166106	0.03249	3.82	3.82	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166106	0.0331	3.67	3.67	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166106	0.03393	3.06	3.06	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166106	0.03454	2.54	2.54	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166106	0.03526	2.4	2.4	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166106	0.03596	2.44	2.44	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166106	0.03658	2.61	2.61	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166106	0.03755	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166106	0.03858	2.91	2.91	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166106	0.04006	2.78	2.78	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166106	0.04194	2.59	2.59	1.5	ANNUAL	LAB	5
UCART1	552364.8	4166106	0.04445	2.47	2.47	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166106	0.06195	2.99	2.99	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166106	0.06649	2.84	2.84	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166106	0.0706	2.61	2.61	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166106	0.07303	2.68	2.68	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166106	0.07535	2.89	2.89	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166106	0.07764	3.1	3.1	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166126	0.0311	4.78	4.78	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166126	0.03177	4.77	4.77	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166126	0.0324	4.62	4.62	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166126	0.03297	4.62	4.62	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166126	0.03334	5	5	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166126	0.03348	5.31	5.31	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166126	0.03352	5.06	5.06	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166126	0.03351	4.41	4.41	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166126	0.03341	3.8	3.8	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166126	0.03329	3.46	3.46	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166126	0.03309	3.37	3.37	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166126	0.03324	3.67	3.67	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166126	0.03352	3.59	3.59	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166126	0.03394	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166126	0.03461	3.92	3.92	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166126	0.03534	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166126	0.0362	2.89	2.89	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166126	0.03696	2.4	2.4	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166126	0.038	2.26	2.26	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166126	0.03876	2.26	2.26	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166126	0.03986	2.35	2.35	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166126	0.04104	2.93	2.93	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166126	0.04265	2.78	2.78	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166126	0.04473	2.71	2.71	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166126	0.04755	2.58	2.58	1.5	ANNUAL	LAB	5
UCART1	552364.8	4166126	0.05082	2.58	2.58	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166126	0.07414	2.8	2.8	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166126	0.07833	2.77	2.77	1.5	ANNUAL	LAB	5

UCART1	552504.8	4166126	0.0815	2.74	2.74	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166126	0.08386	2.66	2.66	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166126	0.08592	2.75	2.75	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166126	0.08686	2.86	2.86	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166146	0.03149	4.84	4.84	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166146	0.03234	4.67	4.67	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166146	0.03318	4.62	4.62	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166146	0.03398	4.54	4.54	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166146	0.03464	4.56	4.56	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166146	0.03517	4.83	4.83	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166146	0.03558	5.39	5.39	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166146	0.03588	5.1	5.1	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166146	0.03584	4.55	4.55	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166146	0.03582	3.9	3.9	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166146	0.0357	3.34	3.34	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166146	0.03545	3.12	3.12	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166146	0.03545	3.31	3.31	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166146	0.03575	3.6	3.6	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166146	0.03624	3.81	3.81	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166146	0.03687	3.9	3.9	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166146	0.03775	3.81	3.81	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166146	0.03872	2.76	2.76	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166146	0.03973	2.61	2.61	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166146	0.04094	2.65	2.65	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166146	0.0422	2.6	2.6	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166146	0.04365	2.45	2.45	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166146	0.04542	2.45	2.45	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166146	0.04781	2.53	2.53	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166146	0.05097	2.38	2.38	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166146	0.05517	2.35	2.35	1.5	ANNUAL	LAB	5
UCART1	552364.8	4166146	0.05983	2.69	2.69	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166146	0.08799	2.64	2.64	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166146	0.09132	2.79	2.79	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166146	0.09406	2.81	2.81	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166146	0.09561	2.89	2.89	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166146	0.09646	2.87	2.87	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166146	0.09647	2.77	2.77	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166166	0.03137	4.89	4.89	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166166	0.0325	4.93	4.93	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166166	0.03349	4.86	4.86	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166166	0.0345	4.75	4.75	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166166	0.03718	4.38	4.38	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166166	0.03781	4.46	4.46	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166166	0.03824	4.25	4.25	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166166	0.03834	3.97	3.97	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166166	0.03832	3.68	3.68	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166166	0.03827	3.45	3.45	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166166	0.03814	3.38	3.38	1.5	ANNUAL	LAB	5

UCART1	552084.8	4166166	0.03796	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166166	0.03826	3.31	3.31	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166166	0.03865	3.3	3.3	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166166	0.03937	3.24	3.24	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166166	0.04031	3.09	3.09	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166166	0.04139	2.82	2.82	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166166	0.04293	2.85	2.85	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166166	0.0443	2.98	2.98	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166166	0.04613	2.97	2.97	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166166	0.04814	2.76	2.76	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166166	0.05102	2.62	2.62	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166166	0.05471	2.79	2.79	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166166	0.05959	2.68	2.68	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166166	0.06541	2.59	2.59	1.5	ANNUAL	LAB	5
UCART1	552364.8	4166166	0.07242	2.9	2.9	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166166	0.09925	2.78	2.78	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166166	0.10343	2.15	2.15	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166166	0.10589	2.39	2.39	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166166	0.10653	2.93	2.93	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166166	0.10673	3.05	3.05	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166166	0.10637	2.99	2.99	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166166	0.10428	2.84	2.84	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166186	0.03079	4.79	4.79	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166186	0.032	4.87	4.87	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166186	0.03328	4.91	4.91	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166186	0.0346	4.81	4.81	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166186	0.0358	4.68	4.68	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166186	0.03813	4.43	4.43	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166186	0.03912	4.41	4.41	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166186	0.03995	4.15	4.15	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166186	0.04068	3.85	3.85	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166186	0.04102	3.64	3.64	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166186	0.04104	3.52	3.52	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166186	0.04096	3.48	3.48	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166186	0.04067	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166186	0.04093	3.25	3.25	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166186	0.0413	3.11	3.11	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166186	0.04194	3.02	3.02	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166186	0.04296	3.01	3.01	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166186	0.04445	2.99	2.99	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166186	0.04639	3.04	3.04	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166186	0.04844	3.14	3.14	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166186	0.05085	3.13	3.13	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166186	0.05433	2.89	2.89	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166186	0.0589	2.43	2.43	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166186	0.06478	2.44	2.44	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166186	0.07264	2.5	2.5	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166186	0.08136	2.51	2.51	1.5	ANNUAL	LAB	5

UCART1	552364.8	4166186	0.09186	2.91	2.91	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166186	0.11896	2.75	2.75	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166186	0.11704	2.74	2.74	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166186	0.11573	2.92	2.92	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166186	0.11353	2.96	2.96	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166206	0.03129	4.8	4.8	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166206	0.03262	4.89	4.89	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166206	0.03401	4.78	4.78	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166206	0.0356	4.57	4.57	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166206	0.03693	4.46	4.46	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166206	0.03963	4.56	4.56	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166206	0.04094	4.84	4.84	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166206	0.0421	4.36	4.36	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166206	0.043	3.85	3.85	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166206	0.04366	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166206	0.04385	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166206	0.04382	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166206	0.04359	3.52	3.52	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166206	0.04367	3.41	3.41	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166206	0.04403	3.26	3.26	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166206	0.04466	3.29	3.29	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166206	0.04586	3.61	3.61	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166206	0.04766	3.27	3.27	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166206	0.0503	3.16	3.16	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166206	0.0534	3.07	3.07	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166206	0.05739	3.03	3.03	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166206	0.06294	2.8	2.8	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166206	0.13525	2.72	2.72	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166206	0.13476	2.12	2.12	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166206	0.12854	1.62	1.62	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166206	0.12544	2.52	2.52	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166206	0.12307	3.11	3.11	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166226	0.03175	4.64	4.64	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166226	0.03313	4.4	4.4	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166226	0.03467	4.18	4.18	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166226	0.03633	4.27	4.27	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166226	0.04107	4.56	4.56	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166226	0.04264	4.66	4.66	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166226	0.04403	4.32	4.32	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166226	0.04515	3.96	3.96	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166226	0.04622	3.79	3.79	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166226	0.04676	3.68	3.68	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166226	0.04684	3.59	3.59	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166226	0.04648	3.69	3.69	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166226	0.04661	3.77	3.77	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166226	0.04749	3.55	3.55	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166226	0.05038	3.36	3.36	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166226	0.05558	3.5	3.5	1.5	ANNUAL	LAB	5

UCART1	552184.8	4166226	0.06176	3.3	3.3	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166226	0.15309	3.1	3.1	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166226	0.1417	2.68	2.68	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166226	0.13886	2.44	2.44	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166226	0.13219	2.72	2.72	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166246	0.03214	4.53	4.53	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166246	0.0337	4.09	4.09	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166246	0.03534	3.83	3.83	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166246	0.03698	4.17	4.17	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166246	0.0388	4.33	4.33	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166246	0.04056	4.45	4.45	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166246	0.04233	4.55	4.55	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166246	0.04408	4.58	4.58	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166246	0.04581	4.41	4.41	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166246	0.04734	4.19	4.19	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166246	0.04854	4.1	4.1	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166246	0.04948	3.97	3.97	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166246	0.04973	3.76	3.76	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166246	0.04985	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166246	0.04993	3.73	3.73	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166246	0.05217	3.88	3.88	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166246	0.06141	3.66	3.66	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166246	0.06627	3.24	3.24	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166246	0.0718	2.96	2.96	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166246	0.10058	2.05	2.05	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166246	0.10728	2.49	2.49	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166246	0.10867	3.16	3.16	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166246	0.12714	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166246	0.14722	3.27	3.27	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166246	0.16219	3.17	3.17	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166246	0.1705	3.13	3.13	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166246	0.17363	3.35	3.35	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166246	0.16764	3.41	3.41	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166246	0.16321	3.48	3.48	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166246	0.15783	3.32	3.32	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166246	0.15371	3.36	3.36	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166246	0.15006	3.39	3.39	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166246	0.14617	2.86	2.86	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166266	0.03248	4.46	4.46	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166266	0.03423	3.96	3.96	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166266	0.03595	3.72	3.72	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166266	0.03764	4.26	4.26	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166266	0.03953	4.33	4.33	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166266	0.04158	4.42	4.42	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166266	0.04535	4.6	4.6	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166266	0.04732	4.67	4.67	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166266	0.0492	4.56	4.56	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166266	0.05072	4.43	4.43	1.5	ANNUAL	LAB	5

UCART1	552024.8	4166266	0.05194	4.25	4.25	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166266	0.05278	3.92	3.92	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166266	0.05402	3.43	3.43	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166266	0.05854	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166266	0.06755	3.62	3.62	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166266	0.07187	3.48	3.48	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166266	0.07766	2.87	2.87	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166266	0.10467	2.78	2.78	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166266	0.1253	3.06	3.06	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166266	0.16551	3.13	3.13	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166266	0.18033	3.3	3.3	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166266	0.18542	3.43	3.43	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166266	0.20021	3.47	3.47	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166266	0.20795	3.34	3.34	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166266	0.20986	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166266	0.18965	3.27	3.27	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166266	0.18402	3.43	3.43	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166266	0.17789	3.54	3.54	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166266	0.17326	3.32	3.32	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166266	0.16799	3.44	3.44	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166266	0.16271	3.62	3.62	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166266	0.15815	3.52	3.52	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166266	0.15375	3.38	3.38	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166286	0.03282	4.36	4.36	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166286	0.03461	4.11	4.11	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166286	0.03652	4.23	4.23	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166286	0.03838	4.11	4.11	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166286	0.04033	4.18	4.18	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166286	0.04244	4.31	4.31	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166286	0.0467	4.49	4.49	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166286	0.04877	4.29	4.29	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166286	0.05086	4.28	4.28	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166286	0.05274	4.41	4.41	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166286	0.05471	4.31	4.31	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166286	0.05713	3.93	3.93	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166286	0.0617	3.56	3.56	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166286	0.07191	3.47	3.47	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166286	0.07515	3.49	3.49	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166286	0.07809	2.81	2.81	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166286	0.1145	2.55	2.55	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166286	0.1395	3.21	3.21	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166286	0.19629	3.31	3.31	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166286	0.27778	3.28	3.28	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166286	0.31629	3.38	3.38	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166286	0.26839	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166286	0.26147	3.59	3.59	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166286	0.25593	3.45	3.45	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166286	0.24737	3.25	3.25	1.5	ANNUAL	LAB	5

UCART1	552424.8	4166286	0.20739	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166286	0.2002	3.51	3.51	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166286	0.1936	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166286	0.18755	3.34	3.34	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166286	0.18169	3.47	3.47	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166286	0.17571	3.68	3.68	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166286	0.16967	3.74	3.74	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166286	0.16437	3.65	3.65	1.5	ANNUAL	LAB	5
UCART1	551764.8	4166306	0.02999	5.27	5.27	1.5	ANNUAL	LAB	5
UCART1	551784.8	4166306	0.03157	4.78	4.78	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166306	0.03328	4.32	4.32	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166306	0.03506	4.26	4.26	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166306	0.03696	4.48	4.48	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166306	0.03911	3.88	3.88	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166306	0.04122	4	4	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166306	0.04334	4.2	4.2	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166306	0.04571	4.34	4.34	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166306	0.04797	4.36	4.36	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166306	0.05023	4.09	4.09	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166306	0.05235	4.13	4.13	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166306	0.05474	4.36	4.36	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166306	0.05811	4.29	4.29	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166306	0.06293	3.95	3.95	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166306	0.07417	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166306	0.08173	3.11	3.11	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166306	0.14036	3.31	3.31	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166306	0.21899	3.33	3.33	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166306	0.32527	3.61	3.61	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166306	0.42725	3.44	3.44	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166306	0.47761	3.31	3.31	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166306	0.50697	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166306	0.38411	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166306	0.33159	3.64	3.64	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166306	0.29814	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166306	0.28171	3.25	3.25	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166306	0.2282	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166306	0.21971	3.51	3.51	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166306	0.2119	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166306	0.2035	3.31	3.31	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166306	0.19624	3.47	3.47	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166306	0.18939	3.64	3.64	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166306	0.1825	3.74	3.74	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166306	0.17499	3.66	3.66	1.5	ANNUAL	LAB	5
UCART1	551764.8	4166326	0.03019	4.79	4.79	1.5	ANNUAL	LAB	5
UCART1	551784.8	4166326	0.03187	4.51	4.51	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166326	0.03356	4.35	4.35	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166326	0.03549	4.39	4.39	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166326	0.03746	4.3	4.3	1.5	ANNUAL	LAB	5

UCART1	551864.8	4166326	0.03972	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166326	0.0419	3.77	3.77	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166326	0.04425	4.09	4.09	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166326	0.04661	4.26	4.26	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166326	0.05139	4.31	4.31	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166326	0.05378	4.31	4.31	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166326	0.05715	4.29	4.29	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166326	0.06258	4.19	4.19	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166326	0.07222	4.03	4.03	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166326	0.08334	3.79	3.79	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166326	0.09996	2.72	2.72	1.5	ANNUAL	LAB	5
Term131S	552144.8	4166326	0.14376	2.98	2.98	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166326	0.25433	3.29	3.29	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166326	0.38725	3.47	3.47	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166326	0.53019	4.02	4.02	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166326	0.65261	3.64	3.64	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166326	0.64412	3.27	3.27	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166326	0.57793	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166326	0.50865	3.55	3.55	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166326	0.39945	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166326	0.34145	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166326	0.31003	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166326	0.24857	3.32	3.32	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166326	0.23792	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166326	0.22845	3.11	3.11	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166326	0.21928	3.03	3.03	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166326	0.21057	3.35	3.35	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166326	0.20216	3.43	3.43	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166326	0.19444	3.45	3.45	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166326	0.18548	3.52	3.52	1.5	ANNUAL	LAB	5
UCART1	551764.8	4166346	0.03052	4.79	4.79	1.5	ANNUAL	LAB	5
UCART1	551784.8	4166346	0.03209	4.59	4.59	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166346	0.03383	5.05	5.05	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166346	0.03579	5.62	5.62	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166346	0.03786	5.2	5.2	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166346	0.04017	4.5	4.5	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166346	0.04257	3.96	3.96	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166346	0.04519	4.08	4.08	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166346	0.04766	4.28	4.28	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166346	0.05016	4.17	4.17	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166346	0.05292	4.15	4.15	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166346	0.05563	4.34	4.34	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166346	0.06026	4.32	4.32	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166346	0.07121	4.18	4.18	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166346	0.07695	4.03	4.03	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166346	0.08871	2.83	2.83	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166346	0.0961	2.89	2.89	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166346	0.12835	3.13	3.13	1.5	ANNUAL	LAB	5

Term131S	552144.8	4166346	0.21304	3.24	3.24	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166346	0.36592	3.2	3.2	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166346	0.52844	3.38	3.38	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166346	0.65227	3.78	3.78	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166346	0.71458	3.6	3.6	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166346	0.66568	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166346	0.58503	3.31	3.31	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166346	0.52689	3.52	3.52	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166346	0.44874	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166346	0.3895	3.39	3.39	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166346	0.33519	3.19	3.19	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166346	0.26802	3.32	3.32	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166346	0.25668	3.15	3.15	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166346	0.24547	2.92	2.92	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166346	0.23428	2.81	2.81	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166346	0.22264	3.3	3.3	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166346	0.21339	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166346	0.20354	3.45	3.45	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166346	0.19404	3.55	3.55	1.5	ANNUAL	LAB	5
UCART1	551764.8	4166366	0.03072	4.82	4.82	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166366	0.03406	5.3	5.3	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166366	0.03601	6.04	6.04	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166366	0.03826	5.49	5.49	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166366	0.04059	4.89	4.89	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166366	0.04311	4.05	4.05	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166366	0.04569	4.02	4.02	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166366	0.04851	4.2	4.2	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166366	0.05114	4.1	4.1	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166366	0.05766	4.23	4.23	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166366	0.06734	4.26	4.26	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166366	0.07538	4.13	4.13	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166366	0.07787	3.98	3.98	1.5	ANNUAL	LAB	5
Term131S	552064.8	4166366	0.08399	3.93	3.93	1.5	ANNUAL	LAB	5
Term131S	552084.8	4166366	0.09355	3.53	3.53	1.5	ANNUAL	LAB	5
Term131S	552104.8	4166366	0.11046	3.46	3.46	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166366	0.15968	3.4	3.4	1.5	ANNUAL	LAB	5
Term131S	552144.8	4166366	0.25145	3.26	3.26	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166366	0.40988	3.08	3.08	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166366	0.53989	3.2	3.2	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166366	0.60901	3.39	3.39	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166366	0.63727	3.5	3.5	1.5	ANNUAL	LAB	5
Term131S	552244.8	4166366	0.59475	3.41	3.41	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166366	0.55375	3.29	3.29	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166366	0.54524	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166366	0.49392	3.59	3.59	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166366	0.43018	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166366	0.36299	3.15	3.15	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166366	0.2856	3.33	3.33	1.5	ANNUAL	LAB	5

UCART1	552444.8	4166366	0.27047	3.17	3.17	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166366	0.25805	2.85	2.85	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166366	0.2454	2.66	2.66	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166366	0.23413	3.29	3.29	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166366	0.22312	3.34	3.34	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166366	0.21343	3.63	3.63	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166366	0.20277	3.68	3.68	1.5	ANNUAL	LAB	5
UCART1	551764.8	4166386	0.03095	4.81	4.81	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166386	0.03444	4.48	4.48	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166386	0.03637	4.53	4.53	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166386	0.03856	4.19	4.19	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166386	0.04088	3.74	3.74	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166386	0.04348	3.75	3.75	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166386	0.04615	3.78	3.78	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166386	0.04898	3.86	3.86	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166386	0.05205	3.97	3.97	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166386	0.05526	3.96	3.96	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166386	0.06151	3.84	3.84	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166386	0.07136	3.96	3.96	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166386	0.07708	3.96	3.96	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166386	0.08015	3.88	3.88	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166386	0.08618	3.91	3.91	1.5	ANNUAL	LAB	5
Term131S	552084.8	4166386	0.1032	3.46	3.46	1.5	ANNUAL	LAB	5
Term131S	552104.8	4166386	0.1319	3.3	3.3	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166386	0.18268	3.17	3.17	1.5	ANNUAL	LAB	5
Term131S	552144.8	4166386	0.26012	3.04	3.04	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166386	0.36932	2.93	2.93	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166386	0.4627	3.02	3.02	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166386	0.51845	3.26	3.26	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166386	0.53901	3.45	3.45	1.5	ANNUAL	LAB	5
Term131S	552244.8	4166386	0.54233	3.39	3.39	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166386	0.55033	3.25	3.25	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166386	0.5566	3.47	3.47	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166386	0.5179	3.6	3.6	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166386	0.47028	3.44	3.44	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166386	0.39091	3.14	3.14	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166386	0.29852	3.18	3.18	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166386	0.28081	3.04	3.04	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166386	0.26774	2.86	2.86	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166386	0.25443	2.79	2.79	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166386	0.24337	3.32	3.32	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166386	0.2316	3.76	3.76	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166386	0.22113	4.08	4.08	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166386	0.21051	3.93	3.93	1.5	ANNUAL	LAB	5
UCART1	551764.8	4166406	0.03104	4.89	4.89	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166406	0.03454	4.43	4.43	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166406	0.03656	4.46	4.46	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166406	0.03876	4.25	4.25	1.5	ANNUAL	LAB	5

UCART1	551864.8	4166406	0.04115	3.63	3.63	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166406	0.04369	3.83	3.83	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166406	0.04653	3.74	3.74	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166406	0.04973	3.72	3.72	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166406	0.05271	3.93	3.93	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166406	0.05676	3.95	3.95	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166406	0.07338	3.79	3.79	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166406	0.07853	3.82	3.82	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166406	0.08424	3.78	3.78	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166406	0.09437	3.79	3.79	1.5	ANNUAL	LAB	5
Term131S	552084.8	4166406	0.10954	3.45	3.45	1.5	ANNUAL	LAB	5
Term131S	552104.8	4166406	0.14407	3.19	3.19	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166406	0.19523	3.05	3.05	1.5	ANNUAL	LAB	5
Term131S	552144.8	4166406	0.24869	2.95	2.95	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166406	0.31943	2.86	2.86	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166406	0.38646	2.92	2.92	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166406	0.45706	3.19	3.19	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166406	0.53151	3.45	3.45	1.5	ANNUAL	LAB	5
Term131S	552244.8	4166406	0.54977	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166406	0.55099	3.24	3.24	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166406	0.55788	3.45	3.45	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166406	0.52152	3.58	3.58	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166406	0.48541	3.44	3.44	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166406	0.40784	3.1	3.1	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166406	0.30667	3.06	3.06	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166406	0.29057	2.99	2.99	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166406	0.27649	2.9	2.9	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166406	0.26383	2.85	2.85	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166406	0.25079	3.34	3.34	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166406	0.23906	3.93	3.93	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166406	0.22767	4.17	4.17	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166406	0.21646	4.07	4.07	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166426	0.0346	4.47	4.47	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166426	0.03667	4.55	4.55	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166426	0.03886	4.45	4.45	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166426	0.0414	3.75	3.75	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166426	0.044	3.9	3.9	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166426	0.04689	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166426	0.05	3.63	3.63	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166426	0.05336	3.87	3.87	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166426	0.05761	3.92	3.92	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166426	0.07429	3.69	3.69	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166426	0.08125	3.72	3.72	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166426	0.0889	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166426	0.10672	3.68	3.68	1.5	ANNUAL	LAB	5
Term131S	552084.8	4166426	0.11491	3.46	3.46	1.5	ANNUAL	LAB	5
Term131S	552104.8	4166426	0.14222	3.13	3.13	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166426	0.20153	3.01	3.01	1.5	ANNUAL	LAB	5

Term131S	552144.8	4166426	0.25239	2.96	2.96	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166426	0.30071	2.86	2.86	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166426	0.38787	2.88	2.88	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166426	0.47753	3.17	3.17	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166426	0.55862	3.47	3.47	1.5	ANNUAL	LAB	5
Term131S	552244.8	4166426	0.61838	3.44	3.44	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166426	0.57081	3.27	3.27	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166426	0.55452	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166426	0.52601	3.56	3.56	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166426	0.49718	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166426	0.41135	3.07	3.07	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166426	0.31276	2.98	2.98	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166426	0.2966	3.01	3.01	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166426	0.28373	2.94	2.94	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166426	0.27083	2.85	2.85	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166426	0.25759	3.35	3.35	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166426	0.2446	3.92	3.92	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166426	0.23235	3.99	3.99	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166426	0.22037	4.12	4.12	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166446	0.03667	4.03	4.03	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166446	0.03887	3.96	8.39	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166446	0.04139	3.65	8.39	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166446	0.04406	3.6	8.39	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166446	0.04703	3.51	3.51	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166446	0.05016	3.51	3.51	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166446	0.05352	3.67	3.67	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166446	0.05806	3.87	3.87	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166446	0.06532	3.75	3.75	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166446	0.08324	3.72	3.72	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166446	0.09485	3.83	3.83	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166446	0.11053	3.82	3.82	1.5	ANNUAL	LAB	5
Term131S	552084.8	4166446	0.11846	3.47	3.47	1.5	ANNUAL	LAB	5
Term131S	552104.8	4166446	0.14119	3.21	3.21	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166446	0.20492	3.22	3.22	1.5	ANNUAL	LAB	5
Term131S	552144.8	4166446	0.31328	3.25	3.25	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166446	0.41187	3.12	3.12	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166446	0.51358	2.94	2.94	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166446	0.5958	3.22	3.22	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166446	0.64023	3.5	3.5	1.5	ANNUAL	LAB	5
Term131S	552244.8	4166446	0.66296	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166446	0.64531	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166446	0.5273	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166446	0.52076	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166446	0.49493	3.37	3.37	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166446	0.41532	3.09	3.09	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166446	0.3188	3.18	3.18	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166446	0.30311	3.11	3.11	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166446	0.288	2.89	2.89	1.5	ANNUAL	LAB	5

UCART1	552484.8	4166446	0.27428	2.79	2.79	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166446	0.26099	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166446	0.24763	3.75	3.75	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166446	0.23502	3.86	3.86	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166446	0.22207	4.01	4.01	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166466	0.03639	4.37	4.37	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166466	0.03875	4.91	8.39	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166466	0.04105	5.72	8.39	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166466	0.04368	5.25	8.39	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166466	0.04674	4.08	8.39	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166466	0.05001	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166466	0.05351	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166466	0.05772	3.83	3.83	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166466	0.06399	3.75	3.75	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166466	0.0842	3.72	3.72	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166466	0.09961	3.81	3.81	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166466	0.11113	3.73	3.73	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166466	0.12115	3.65	3.65	1.5	ANNUAL	LAB	5
Term131S	552104.8	4166466	0.14227	3.36	3.36	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166466	0.23693	3.34	3.34	1.5	ANNUAL	LAB	5
Term131S	552144.8	4166466	0.37423	3.38	3.38	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166466	0.51088	3.27	3.27	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166466	0.6279	3	3	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166466	0.70841	3.18	3.18	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166466	0.71517	3.42	3.42	1.5	ANNUAL	LAB	5
Term131S	552244.8	4166466	0.66128	3.5	3.5	1.5	ANNUAL	LAB	5
Term131S	552264.8	4166466	0.65291	3.43	3.43	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166466	0.52915	3.37	3.37	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166466	0.51681	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166466	0.47771	3.37	3.37	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166466	0.42509	3.14	3.14	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166466	0.32488	3.25	3.25	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166466	0.30561	3.2	3.2	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166466	0.29026	2.95	2.95	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166466	0.27659	2.81	2.81	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166466	0.26172	3.38	3.38	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166466	0.2477	3.61	3.61	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166466	0.23411	3.72	3.72	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166486	0.036	4.93	4.93	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166486	0.03816	6.14	8.39	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166486	0.04055	8.08	8.08	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166486	0.0433	7.1	7.1	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166486	0.04646	4.75	7.05	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166486	0.04979	3.32	7.05	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166486	0.05308	3.51	3.51	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166486	0.05682	3.78	3.78	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166486	0.06532	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166486	0.08316	3.71	3.71	1.5	ANNUAL	LAB	5

UCART1	552044.8	4166486	0.09901	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166486	0.10858	3.54	3.54	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166486	0.1212	3.86	3.86	1.5	ANNUAL	LAB	5
Term131S	552104.8	4166486	0.15123	3.54	3.54	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166486	0.26076	3.39	3.39	1.5	ANNUAL	LAB	5
Term131S	552144.8	4166486	0.4128	3.4	3.4	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166486	0.54897	3.37	3.37	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166486	0.64938	3.06	3.06	1.5	ANNUAL	LAB	5
Term131S	552204.8	4166486	0.70433	3.06	3.06	1.5	ANNUAL	LAB	5
Term131S	552224.8	4166486	0.68409	3.27	3.27	1.5	ANNUAL	LAB	5
Term131S	552244.8	4166486	0.62522	3.4	3.4	1.5	ANNUAL	LAB	5
Term131S	552264.8	4166486	0.61864	3.38	3.38	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166486	0.54919	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166486	0.50463	3.56	3.56	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166486	0.47139	3.39	3.39	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166486	0.44391	3.2	3.2	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166486	0.34564	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166486	0.30421	3.28	3.28	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166486	0.28855	3.11	3.11	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166486	0.27371	2.9	2.9	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166486	0.25931	3.23	3.23	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166486	0.24551	3.51	3.51	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166486	0.23142	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166506	0.03562	4.76	4.76	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166506	0.03772	5.64	5.64	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166506	0.04014	7	7	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166506	0.0429	5.3	8.39	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166506	0.046	4.02	7.05	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166506	0.04926	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166506	0.05269	3.32	3.32	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166506	0.05654	3.54	3.54	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166506	0.06844	3.49	3.49	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166506	0.07703	3.46	3.46	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166506	0.08138	3.56	3.56	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166506	0.09325	3.63	3.63	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166506	0.10695	3.47	3.47	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166506	0.12065	3.5	3.5	1.5	ANNUAL	LAB	5
Term131S	552104.8	4166506	0.14818	3.49	3.49	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166506	0.23827	3.41	3.41	1.5	ANNUAL	LAB	5
Term131S	552144.8	4166506	0.36798	3.37	3.37	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166506	0.48306	3.37	3.37	1.5	ANNUAL	LAB	5
Term131S	552184.8	4166506	0.56852	3.18	3.18	1.5	ANNUAL	LAB	5
Term131S	552264.8	4166506	0.59287	3.44	3.44	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166506	0.53599	3.34	3.34	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166506	0.49794	3.55	3.55	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166506	0.47896	3.35	3.35	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166506	0.46208	3.18	3.18	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166506	0.37539	3.13	3.13	1.5	ANNUAL	LAB	5

UCART1	552444.8	4166506	0.30241	3.17	3.17	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166506	0.28368	3.01	3.01	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166506	0.26921	2.84	2.84	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166506	0.2543	3.19	3.19	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166506	0.23994	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166506	0.2261	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166526	0.0351	4.47	4.47	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166526	0.03735	5.15	5.15	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166526	0.03973	5.83	5.83	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166526	0.04258	4.58	4.58	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166526	0.0457	3.88	3.88	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166526	0.04907	3.54	3.54	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166526	0.0527	3.39	3.39	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166526	0.05757	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166526	0.07077	3.52	3.52	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166526	0.07969	3.51	3.51	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166526	0.08863	3.67	3.67	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166526	0.10686	3.61	3.61	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166526	0.11501	3.47	3.47	1.5	ANNUAL	LAB	5
Term131S	552104.8	4166526	0.13023	3.5	3.5	1.5	ANNUAL	LAB	5
Term131S	552124.8	4166526	0.18947	3.41	3.41	1.5	ANNUAL	LAB	5
Term131S	552144.8	4166526	0.27675	3.34	3.34	1.5	ANNUAL	LAB	5
Term131S	552164.8	4166526	0.36265	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166526	0.49909	3.31	3.31	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166526	0.49481	3.44	3.44	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166526	0.48338	3.24	3.24	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166526	0.46674	3.1	3.1	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166526	0.40036	3.01	3.01	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166526	0.30009	3	3	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166526	0.27573	2.85	2.85	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166526	0.26111	2.73	2.73	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166526	0.24704	3.08	3.08	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166526	0.23298	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166526	0.20621	4.08	4.08	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166546	0.03476	4.12	4.12	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166546	0.03693	4.64	4.64	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166546	0.03951	4.64	4.64	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166546	0.04221	4.55	4.55	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166546	0.04527	4.09	4.09	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166546	0.04886	3.72	3.72	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166546	0.05279	3.63	3.63	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166546	0.05905	3.65	3.65	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166546	0.07185	3.72	3.72	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166546	0.08149	3.74	3.74	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166546	0.08963	3.8	3.8	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166546	0.10248	3.9	3.9	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166546	0.11062	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166546	0.47326	3.25	3.25	1.5	ANNUAL	LAB	5

UCART1	552304.8	4166546	0.48519	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166546	0.47274	3.04	3.04	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166546	0.45364	2.95	2.95	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166546	0.39968	2.82	2.82	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166546	0.30089	2.76	2.76	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166546	0.26415	2.63	2.63	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166546	0.25107	2.56	2.56	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166546	0.23783	2.85	2.85	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166546	0.22398	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166546	0.19871	3.87	3.87	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166566	0.03459	3.81	3.81	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166566	0.03691	3.85	3.85	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166566	0.03934	4.08	4.08	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166566	0.04221	4.2	4.2	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166566	0.04561	3.87	3.87	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166566	0.04919	3.62	3.62	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166566	0.05347	3.6	3.6	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166566	0.06	3.59	3.59	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166566	0.07222	3.69	3.69	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166566	0.08414	3.64	3.64	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166566	0.09257	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166566	0.09603	3.33	3.33	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166566	0.1063	3.19	3.19	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166566	0.45225	3.09	3.09	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166566	0.4436	2.93	2.93	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166566	0.41994	2.86	2.86	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166566	0.37789	2.8	2.8	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166566	0.29367	2.76	2.76	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166566	0.25212	2.62	2.62	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166566	0.23929	2.61	2.61	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166566	0.22611	3.08	3.08	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166566	0.20107	3.81	3.81	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166566	0.19018	3.9	3.9	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166586	0.03686	3.36	3.36	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166586	0.03954	3.66	3.66	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166586	0.0426	3.82	3.82	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166586	0.04602	3.67	3.67	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166586	0.04969	3.54	3.54	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166586	0.05406	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166586	0.06049	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166586	0.07115	3.51	3.51	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166586	0.08506	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166586	0.09203	3.36	3.36	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166586	0.09475	3.28	3.28	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166586	0.09671	3.1	3.1	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166586	0.09929	3.09	3.09	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166586	0.10691	3.24	3.24	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166586	0.4072	3	3	1.5	ANNUAL	LAB	5

UCART1	552324.8	4166586	0.40201	2.83	2.83	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166586	0.3854	2.79	2.79	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166586	0.34229	2.73	2.73	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166586	0.27541	2.72	2.72	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166586	0.23599	2.62	2.62	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166586	0.22339	2.73	2.73	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166586	0.21221	3.37	3.37	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166586	0.19091	3.86	3.86	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166586	0.18116	3.93	3.93	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166606	0.03231	4.01	4.01	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166606	0.03711	3.12	3.12	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166606	0.03988	3.38	3.38	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166606	0.04304	3.41	3.41	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166606	0.0465	3.49	3.49	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166606	0.05025	3.49	3.49	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166606	0.05475	3.36	3.36	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166606	0.06081	3.14	3.14	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166606	0.06966	3.18	3.18	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166606	0.08225	3.08	3.08	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166606	0.09187	3.06	3.06	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166606	0.09534	3.14	3.14	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166606	0.09685	3.26	3.26	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166606	0.09878	3.48	3.48	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166606	0.10298	3.23	3.23	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166606	0.35705	2.96	2.96	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166606	0.35135	2.71	2.71	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166606	0.33279	2.74	2.74	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166606	0.31735	2.47	2.47	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166606	0.29906	2.54	2.54	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166606	0.24458	2.55	2.55	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166606	0.21589	2.58	2.58	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166606	0.20562	2.9	2.9	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166606	0.1884	3.58	3.58	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166606	0.17904	3.86	3.86	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166606	0.17035	3.88	3.88	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166626	0.03229	4.01	4.01	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166626	0.03721	3.04	3.04	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166626	0.04012	3.08	3.08	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166626	0.04331	3.12	3.12	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166626	0.04686	3.29	3.29	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166626	0.05072	3.44	3.44	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166626	0.05509	3.41	3.41	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166626	0.06025	3.11	3.11	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166626	0.06729	2.96	2.96	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166626	0.07664	2.95	2.95	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166626	0.08788	2.93	2.93	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166626	0.09554	2.86	2.86	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166626	0.09812	3.28	3.28	1.5	ANNUAL	LAB	5

UCART1	552104.8	4166626	0.10279	3.07	3.07	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166626	0.29769	2.95	2.95	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166626	0.28159	2.66	2.66	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166626	0.26902	2.76	2.76	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166626	0.27522	2.45	2.45	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166626	0.25683	2.48	2.48	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166626	0.21352	2.46	2.46	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166626	0.19345	2.66	2.66	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166626	0.18647	3.12	3.12	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166626	0.17268	3.37	3.37	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166626	0.16578	3.58	3.58	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166626	0.15846	3.71	3.71	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166646	0.03256	3.84	3.84	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166646	0.03752	3.16	3.16	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166646	0.04042	2.92	2.92	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166646	0.04361	2.95	2.95	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166646	0.04714	3.19	3.19	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166646	0.05087	3.41	3.41	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166646	0.05468	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166646	0.05916	3.1	3.1	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166646	0.06422	2.95	2.95	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166646	0.0706	2.97	2.97	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166646	0.07986	2.9	2.9	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166646	0.09511	2.65	2.65	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166646	0.09568	3.06	3.06	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166646	0.10033	2.94	2.94	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166646	0.23338	2.96	2.96	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166646	0.22839	2.66	2.66	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166646	0.22431	2.79	2.79	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166646	0.23632	2.44	2.44	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166646	0.21728	2.43	2.43	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166646	0.18472	2.42	2.42	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166646	0.17352	2.79	2.79	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166646	0.16396	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166646	0.15822	3.18	3.18	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166646	0.15181	3.32	3.32	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166646	0.14615	3.55	3.55	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166666	0.03273	3.48	3.48	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166666	0.03775	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166666	0.04065	2.91	2.91	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166666	0.04385	2.92	2.92	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166666	0.04722	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166666	0.05059	3.42	3.42	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166666	0.05398	3.36	3.36	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166666	0.0574	3.13	3.13	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166666	0.06098	3.2	3.2	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166666	0.06516	3.19	3.19	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166666	0.07151	3	3	1.5	ANNUAL	LAB	5

UCART1	552064.8	4166666	0.08828	2.8	2.8	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166666	0.09449	2.89	2.89	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166666	0.09694	2.86	2.86	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166666	0.17917	3.01	3.01	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166666	0.17241	2.72	2.72	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166666	0.18023	2.8	2.8	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166666	0.19793	2.45	2.45	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166666	0.17972	2.33	2.33	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166666	0.16164	2.48	2.48	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166666	0.15525	2.95	2.95	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166666	0.14822	3.31	3.31	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166666	0.14386	3.1	3.1	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166666	0.1389	3.4	3.4	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166666	0.1338	3.53	3.53	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166686	0.03292	3.57	3.57	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166686	0.04062	3	3	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166686	0.04379	2.91	2.91	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166686	0.0467	3.08	3.08	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166686	0.04988	3.22	3.22	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166686	0.05274	3.2	3.2	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166686	0.05519	3.02	3.02	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166686	0.05782	2.92	2.92	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166686	0.06059	2.97	2.97	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166686	0.06457	2.94	2.94	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166686	0.07034	2.85	2.85	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166686	0.07785	2.78	2.78	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166686	0.08353	2.77	2.77	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166686	0.08756	2.77	2.77	1.5	ANNUAL	LAB	5
Daycare	552124.8	4166686	0.09235	3.02	3.02	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166686	0.12311	2.78	320.02	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166686	0.12805	2.57	320.02	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166686	0.13877	2.75	320.02	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166686	0.16008	2.54	320.02	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166686	0.14728	2.47	320.02	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166686	0.14038	2.66	320.02	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166686	0.13626	3.19	320.02	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166686	0.13344	3.09	320.02	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166686	0.13032	3.08	320.02	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166686	0.12619	3.35	320.02	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166686	0.12238	3.47	320.02	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166706	0.03294	3.5	3.5	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166706	0.03529	3.66	3.66	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166706	0.04051	3.12	3.12	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166706	0.04322	2.9	2.9	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166706	0.04594	2.94	2.94	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166706	0.04849	3.05	3.05	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166706	0.05079	3.08	3.08	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166706	0.05279	2.92	2.92	1.5	ANNUAL	LAB	5

UCART1	551984.8	4166706	0.0545	2.72	2.72	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166706	0.0565	2.8	2.8	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166706	0.05901	2.89	2.89	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166706	0.06204	2.88	2.88	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166706	0.07194	2.67	320.02	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166706	0.07674	2.79	320.02	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166706	0.07728	3	320.02	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166706	0.07659	2.45	320.02	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166706	0.07689	2.46	320.02	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166706	0.07885	2.57	320.02	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166706	0.08852	2.51	320.02	1.5	ANNUAL	LAB	5
UCART1	552324.8	4166706	0.09523	2.4	320.02	1.5	ANNUAL	LAB	5
UCART1	552344.8	4166706	0.10592	2.69	320.02	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166706	0.12587	2.62	320.02	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166706	0.12255	2.71	320.02	1.5	ANNUAL	LAB	5
UCART1	552444.8	4166706	0.12269	2.89	320.02	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166706	0.12176	2.95	320.02	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166706	0.11979	2.88	320.02	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166706	0.11739	3.06	320.02	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166706	0.11458	3.24	320.02	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166706	0.11165	3.38	320.02	1.5	ANNUAL	LAB	5
UCART1	551804.8	4166726	0.03298	3.14	3.14	1.5	ANNUAL	LAB	5
UCART1	551824.8	4166726	0.03512	3.39	3.39	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166726	0.04002	3.28	3.28	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166726	0.04247	2.88	2.88	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166726	0.0448	2.83	2.83	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166726	0.04689	2.98	2.98	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166726	0.0487	3.08	320.02	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166726	0.05036	2.89	320.02	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166726	0.05184	2.85	320.02	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166726	0.05351	2.81	320.02	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166726	0.05497	2.88	320.02	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166726	0.05694	2.89	320.02	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166726	0.06262	2.57	320.02	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166726	0.065	3.06	320.02	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166726	0.06674	3.32	320.02	1.5	ANNUAL	LAB	5
Daycare	552144.8	4166726	0.06574	3.15	320.02	1.5	ANNUAL	LAB	5
Daycare	552164.8	4166726	0.06537	2.73	320.02	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166726	0.06273	2.47	320.02	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166726	0.05997	2.29	320.02	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166726	0.0571	2.34	320.02	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166726	0.05809	2.41	320.02	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166726	0.06147	2.4	320.02	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166726	0.06412	2.33	320.02	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166726	0.06909	2.37	320.02	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166726	0.10103	2.54	320.02	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166726	0.10361	3.07	320.02	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166726	0.10797	2.82	320.02	1.5	ANNUAL	LAB	5

UCART1	552504.8	4166726	0.10683	2.75	320.02	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166726	0.10551	2.95	320.02	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166726	0.10345	3.19	320.02	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166726	0.10116	3.2	320.02	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166746	0.03934	3.33	320.02	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166746	0.04138	2.81	320.02	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166746	0.04343	2.72	320.02	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166746	0.04518	2.81	320.02	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166746	0.04672	2.93	320.02	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166746	0.04808	2.99	320.02	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166746	0.0495	2.93	320.02	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166746	0.05084	2.84	320.02	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166746	0.05202	2.82	320.02	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166746	0.0532	2.8	320.02	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166746	0.05639	2.64	320.02	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166746	0.05847	3.16	320.02	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166746	0.05909	3.29	320.02	1.5	ANNUAL	LAB	5
Daycare	552144.8	4166746	0.05871	3.12	320.02	1.5	ANNUAL	LAB	5
Daycare	552164.8	4166746	0.05766	2.82	320.02	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166746	0.05617	2.61	320.02	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166746	0.05424	2.5	320.02	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166746	0.05264	2.44	320.02	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166746	0.05239	2.44	320.02	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166746	0.05393	2.4	320.02	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166746	0.05613	2.3	320.02	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166746	0.05966	2.35	320.02	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166746	0.08546	2.61	320.02	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166746	0.08977	3.27	320.02	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166746	0.09465	2.89	320.02	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166746	0.09545	2.74	320.02	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166746	0.09527	2.76	320.02	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166746	0.09468	3.16	320.02	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166746	0.09314	3.59	320.02	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166746	0.09144	3.44	320.02	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166766	0.03656	3.59	320.02	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166766	0.0403	2.81	320.02	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166766	0.04187	2.68	320.02	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166766	0.04324	2.71	320.02	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166766	0.04454	2.86	320.02	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166766	0.04587	3.16	320.02	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166766	0.04714	2.99	320.02	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166766	0.0483	2.89	320.02	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166766	0.04932	2.81	320.02	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166766	0.05054	2.74	320.02	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166766	0.05317	2.73	320.02	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166766	0.05435	3.13	320.02	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166766	0.05502	3.12	320.02	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166766	0.05485	3.02	320.02	1.5	ANNUAL	LAB	5

UCART1	552164.8	4166766	0.05421	2.94	320.02	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166766	0.05295	2.78	320.02	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166766	0.05159	2.75	320.02	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166766	0.05032	2.6	320.02	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166766	0.04997	2.54	320.02	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166766	0.05058	2.5	320.02	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166766	0.05208	2.4	320.02	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166766	0.05444	2.4	320.02	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166766	0.07431	2.78	320.02	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166766	0.07815	3.35	320.02	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166766	0.08314	2.72	320.02	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166766	0.08434	2.69	320.02	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166766	0.08469	2.87	320.02	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166766	0.08449	3.52	320.02	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166766	0.08373	4.2	320.02	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166766	0.08277	3.92	320.02	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166786	0.03566	3.63	320.02	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166786	0.03882	3.02	320.02	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166786	0.04015	2.83	320.02	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166786	0.04137	2.86	320.02	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166786	0.0426	3.1	320.02	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166786	0.04374	3.46	320.02	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166786	0.04489	2.97	320.02	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166786	0.04594	3.05	320.02	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166786	0.04713	2.99	320.02	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166786	0.04836	2.86	320.02	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166786	0.04971	2.8	320.02	1.5	ANNUAL	LAB	5
UCART1	552084.8	4166786	0.05088	2.74	320.02	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166786	0.05165	2.78	320.02	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166786	0.05237	2.86	320.02	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166786	0.05237	2.99	320.02	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166786	0.05191	3.05	320.02	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166786	0.05108	2.9	320.02	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166786	0.04961	2.54	320.02	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166786	0.04857	2.51	320.02	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166786	0.0482	2.59	320.02	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166786	0.04853	2.68	320.02	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166786	0.04949	2.69	320.02	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166786	0.05094	2.52	320.02	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166786	0.07406	2.63	320.02	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166786	0.075	2.82	320.02	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166786	0.07558	3.25	320.02	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166786	0.07567	3.55	320.02	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166786	0.07529	3.91	320.02	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166786	0.07478	3.77	320.02	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166806	0.03479	3.63	320.02	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166806	0.03732	3.38	320.02	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166806	0.03849	3.23	320.02	1.5	ANNUAL	LAB	5

UCART1	551924.8	4166806	0.03957	3.22	320.02	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166806	0.04065	3.32	320.02	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166806	0.04179	3.37	320.02	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166806	0.04294	2.91	320.02	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166806	0.044	3.01	320.02	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166806	0.04508	3.02	320.02	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166806	0.04642	2.93	320.02	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166806	0.04767	2.83	320.02	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166806	0.04969	2.82	320.02	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166806	0.05016	2.95	320.02	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166806	0.05024	3.08	320.02	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166806	0.04991	3.12	320.02	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166806	0.04903	3.01	320.02	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166806	0.04784	2.5	320.02	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166806	0.0469	2.52	320.02	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166806	0.04662	2.61	320.02	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166806	0.04676	2.7	320.02	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166806	0.04741	2.73	320.02	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166806	0.04872	2.53	320.02	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166806	0.05982	3.47	320.02	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166806	0.06225	2.98	320.02	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166806	0.06628	2.52	320.02	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166806	0.06747	2.74	320.02	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166806	0.06815	3.17	320.02	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166806	0.06826	3.32	320.02	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166806	0.06806	3.59	320.02	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166806	0.06754	3.52	320.02	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166826	0.03368	3.59	320.02	1.5	ANNUAL	LAB	5
UCART1	551884.8	4166826	0.0358	3.73	320.02	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166826	0.03688	3.69	320.02	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166826	0.03789	3.63	320.02	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166826	0.03894	3.52	320.02	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166826	0.04005	3.21	320.02	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166826	0.04113	2.87	320.02	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166826	0.04208	2.91	320.02	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166826	0.04332	2.99	320.02	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166826	0.04452	2.96	320.02	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166826	0.04582	2.85	320.02	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166826	0.0476	2.99	320.02	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166826	0.04807	3.15	320.02	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166826	0.04817	3.18	320.02	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166826	0.04768	3.15	320.02	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166826	0.04677	3.11	320.02	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166826	0.04597	2.58	320.02	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166826	0.04523	2.58	320.02	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166826	0.04503	2.59	320.02	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166826	0.04511	2.61	320.02	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166826	0.04552	2.62	320.02	1.5	ANNUAL	LAB	5

UCART1	552304.8	4166826	0.0465	2.45	320.02	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166826	0.05486	3.92	320.02	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166826	0.05671	2.91	320.02	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166826	0.05999	2.42	320.02	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166826	0.061	2.5	320.02	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166826	0.06163	2.71	320.02	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166826	0.06191	2.86	320.02	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166826	0.06183	3.25	320.02	1.5	ANNUAL	LAB	5
UCART1	552564.8	4166826	0.06172	3.18	320.02	1.5	ANNUAL	LAB	5
UCART1	551844.8	4166846	0.03248	3.44	320.02	1.5	ANNUAL	LAB	5
UCART1	551864.8	4166846	0.03348	3.53	320.02	1.5	ANNUAL	LAB	5
UCART1	551904.8	4166846	0.0354	3.96	320.02	1.5	ANNUAL	LAB	5
UCART1	551924.8	4166846	0.03635	3.9	320.02	1.5	ANNUAL	LAB	5
UCART1	551944.8	4166846	0.03731	3.68	320.02	1.5	ANNUAL	LAB	5
UCART1	551964.8	4166846	0.03832	3.42	320.02	1.5	ANNUAL	LAB	5
UCART1	551984.8	4166846	0.03938	3.02	320.02	1.5	ANNUAL	LAB	5
UCART1	552004.8	4166846	0.04039	2.92	320.02	1.5	ANNUAL	LAB	5
UCART1	552024.8	4166846	0.04161	3	320.02	1.5	ANNUAL	LAB	5
UCART1	552044.8	4166846	0.0428	3.02	320.02	1.5	ANNUAL	LAB	5
UCART1	552064.8	4166846	0.04397	2.87	320.02	1.5	ANNUAL	LAB	5
UCART1	552104.8	4166846	0.0456	2.67	320.02	1.5	ANNUAL	LAB	5
UCART1	552124.8	4166846	0.046	2.88	320.02	1.5	ANNUAL	LAB	5
UCART1	552144.8	4166846	0.04591	2.99	320.02	1.5	ANNUAL	LAB	5
UCART1	552164.8	4166846	0.04535	3.05	320.02	1.5	ANNUAL	LAB	5
UCART1	552184.8	4166846	0.04461	3.18	320.02	1.5	ANNUAL	LAB	5
UCART1	552204.8	4166846	0.04404	2.78	320.02	1.5	ANNUAL	LAB	5
UCART1	552224.8	4166846	0.04351	2.62	320.02	1.5	ANNUAL	LAB	5
UCART1	552244.8	4166846	0.04334	2.53	320.02	1.5	ANNUAL	LAB	5
UCART1	552264.8	4166846	0.04337	2.51	320.02	1.5	ANNUAL	LAB	5
UCART1	552284.8	4166846	0.04371	2.5	320.02	1.5	ANNUAL	LAB	5
UCART1	552304.8	4166846	0.04441	2.44	320.02	1.5	ANNUAL	LAB	5
UCART1	552404.8	4166846	0.05062	2.41	320.02	1.5	ANNUAL	LAB	5
UCART1	552424.8	4166846	0.05222	2.58	320.02	1.5	ANNUAL	LAB	5
UCART1	552464.8	4166846	0.05475	2.46	320.02	1.5	ANNUAL	LAB	5
UCART1	552484.8	4166846	0.05566	2.58	320.02	1.5	ANNUAL	LAB	5
UCART1	552504.8	4166846	0.05624	2.79	320.02	1.5	ANNUAL	LAB	5
UCART1	552524.8	4166846	0.05654	2.91	320.02	1.5	ANNUAL	LAB	5
UCART1	552544.8	4166846	0.05652	3.04	320.02	1.5	ANNUAL	LAB	5
UCART2	551904.6	4166869	0.03379	4.03	320.02	1.5	ANNUAL	LAB	5
UCART2	551924.6	4166869	0.03477	4.05	320.02	1.5	ANNUAL	LAB	5
UCART2	551944.6	4166869	0.03552	3.81	320.02	1.5	ANNUAL	LAB	5
UCART2	551964.6	4166869	0.03652	3.53	320.02	1.5	ANNUAL	LAB	5
UCART2	551984.6	4166869	0.03746	3.22	320.02	1.5	ANNUAL	LAB	5
UCART2	552004.6	4166869	0.03863	2.92	320.02	1.5	ANNUAL	LAB	5
UCART2	552024.6	4166869	0.0397	3.02	320.02	1.5	ANNUAL	LAB	5
UCART2	552044.6	4166869	0.04075	3.06	320.02	1.5	ANNUAL	LAB	5
UCART2	552064.6	4166869	0.04181	2.84	320.02	1.5	ANNUAL	LAB	5
UCART2	552084.6	4166869	0.04267	2.67	320.02	1.5	ANNUAL	LAB	5

UCART2	552104.6	4166869	0.04322	2.75	320.02	1.5	ANNUAL	LAB	5
UCART2	552124.6	4166869	0.04343	2.87	320.02	1.5	ANNUAL	LAB	5
UCART2	552144.6	4166869	0.04328	2.96	320.02	1.5	ANNUAL	LAB	5
UCART2	552164.6	4166869	0.04281	3.04	320.02	1.5	ANNUAL	LAB	5
UCART2	552184.6	4166869	0.0422	3.15	320.02	1.5	ANNUAL	LAB	5
UCART2	552204.6	4166869	0.04178	3.03	320.02	1.5	ANNUAL	LAB	5
UCART2	552224.6	4166869	0.04142	2.8	320.02	1.5	ANNUAL	LAB	5
UCART2	552244.6	4166869	0.04125	2.59	320.02	1.5	ANNUAL	LAB	5
UCART2	552264.6	4166869	0.04135	2.47	320.02	1.5	ANNUAL	LAB	5
UCART2	552284.6	4166869	0.04164	2.45	320.02	1.5	ANNUAL	LAB	5
UCART2	552304.6	4166869	0.04215	2.45	320.02	1.5	ANNUAL	LAB	5
UCART2	552384.6	4166869	0.04583	2.66	320.02	1.5	ANNUAL	LAB	5
UCART2	552404.6	4166869	0.04679	2.02	320.02	1.5	ANNUAL	LAB	5
UCART2	552424.6	4166869	0.04787	2.48	320.02	1.5	ANNUAL	LAB	5
UCART2	552464.6	4166869	0.04971	2.53	320.02	1.5	ANNUAL	LAB	5
UCART2	552484.6	4166869	0.05038	2.66	320.02	1.5	ANNUAL	LAB	5
UCART2	552504.6	4166869	0.05105	2.85	320.02	1.5	ANNUAL	LAB	5
UCART2	552524.6	4166869	0.05133	3.01	320.02	1.5	ANNUAL	LAB	5
UCART2	552544.6	4166869	0.05138	2.99	320.02	1.5	ANNUAL	LAB	5
UCART2	551884.6	4166889	0.0318	3.59	356.4	1.5	ANNUAL	LAB	5
UCART2	551924.6	4166889	0.03336	4.08	320.02	1.5	ANNUAL	LAB	5
UCART2	551944.6	4166889	0.03415	3.83	320.02	1.5	ANNUAL	LAB	5
UCART2	551964.6	4166889	0.03504	3.51	320.02	1.5	ANNUAL	LAB	5
UCART2	551984.6	4166889	0.0361	3.33	320.02	1.5	ANNUAL	LAB	5
UCART2	552004.6	4166889	0.03714	2.95	320.02	1.5	ANNUAL	LAB	5
UCART2	552024.6	4166889	0.0381	3.05	320.02	1.5	ANNUAL	LAB	5
UCART2	552044.6	4166889	0.03911	3.08	320.02	1.5	ANNUAL	LAB	5
UCART2	552064.6	4166889	0.04005	2.83	320.02	1.5	ANNUAL	LAB	5
UCART2	552084.6	4166889	0.04072	2.75	320.02	1.5	ANNUAL	LAB	5
UCART2	552104.6	4166889	0.04106	2.97	320.02	1.5	ANNUAL	LAB	5
UCART2	552124.6	4166889	0.04111	2.99	320.02	1.5	ANNUAL	LAB	5
UCART2	552144.6	4166889	0.04096	3.02	320.02	1.5	ANNUAL	LAB	5
UCART2	552164.6	4166889	0.04054	3.08	320.02	1.5	ANNUAL	LAB	5
UCART2	552184.6	4166889	0.04011	3.07	320.02	1.5	ANNUAL	LAB	5
UCART2	552204.6	4166889	0.03981	3.2	320.02	1.5	ANNUAL	LAB	5
UCART2	552224.6	4166889	0.03957	3.02	320.02	1.5	ANNUAL	LAB	5
UCART2	552244.6	4166889	0.03951	2.74	320.02	1.5	ANNUAL	LAB	5
UCART2	552264.6	4166889	0.03952	2.55	320.02	1.5	ANNUAL	LAB	5
UCART2	552284.6	4166889	0.03968	2.53	320.02	1.5	ANNUAL	LAB	5
UCART2	552304.6	4166889	0.04019	2.52	320.02	1.5	ANNUAL	LAB	5
UCART2	552384.6	4166889	0.04311	2.72	320.02	1.5	ANNUAL	LAB	5
UCART2	552404.6	4166889	0.04385	2.57	320.02	1.5	ANNUAL	LAB	5
UCART2	552424.6	4166889	0.04467	2.6	320.02	1.5	ANNUAL	LAB	5
UCART2	552464.6	4166889	0.04608	2.61	320.02	1.5	ANNUAL	LAB	5
UCART2	552484.6	4166889	0.04662	2.7	320.02	1.5	ANNUAL	LAB	5
UCART2	552504.6	4166889	0.04707	2.88	320.02	1.5	ANNUAL	LAB	5
UCART2	552524.6	4166889	0.04737	3.12	320.02	1.5	ANNUAL	LAB	5
UCART2	551924.6	4166909	0.03203	3.97	356.4	1.5	ANNUAL	LAB	5

UCART2	551944.6	4166909	0.03281	3.62	356.4	1.5	ANNUAL	LAB	5
UCART2	551964.6	4166909	0.03373	3.34	356.4	1.5	ANNUAL	LAB	5
UCART2	551984.6	4166909	0.03471	3.25	356.4	1.5	ANNUAL	LAB	5
UCART2	552004.6	4166909	0.03562	3.13	345.72	1.5	ANNUAL	LAB	5
UCART2	552024.6	4166909	0.0366	3.09	320.02	1.5	ANNUAL	LAB	5
UCART2	552044.6	4166909	0.03749	3.05	320.02	1.5	ANNUAL	LAB	5
UCART2	552064.6	4166909	0.03818	2.99	320.02	1.5	ANNUAL	LAB	5
UCART2	552084.6	4166909	0.0387	2.94	320.02	1.5	ANNUAL	LAB	5
UCART2	552124.6	4166909	0.03892	2.94	320.02	1.5	ANNUAL	LAB	5
UCART2	552144.6	4166909	0.03873	3.07	320.02	1.5	ANNUAL	LAB	5
UCART2	552164.6	4166909	0.03841	3.11	320.02	1.5	ANNUAL	LAB	5
UCART2	552184.6	4166909	0.03812	3.01	320.02	1.5	ANNUAL	LAB	5
UCART2	552204.6	4166909	0.03789	3.1	320.02	1.5	ANNUAL	LAB	5
UCART2	552224.6	4166909	0.03776	3.17	320.02	1.5	ANNUAL	LAB	5
UCART2	552244.6	4166909	0.03768	3.15	320.02	1.5	ANNUAL	LAB	5
UCART2	552264.6	4166909	0.03764	3.12	320.02	1.5	ANNUAL	LAB	5
UCART2	552284.6	4166909	0.03781	3.08	320.02	1.5	ANNUAL	LAB	5
UCART2	552304.6	4166909	0.03818	2.87	320.02	1.5	ANNUAL	LAB	5
UCART2	552384.6	4166909	0.04074	2.72	320.02	1.5	ANNUAL	LAB	5
UCART2	552404.6	4166909	0.0413	2.84	320.02	1.5	ANNUAL	LAB	5
UCART2	552424.6	4166909	0.04177	2.91	320.02	1.5	ANNUAL	LAB	5
UCART2	552464.6	4166909	0.04289	2.7	320.02	1.5	ANNUAL	LAB	5
UCART2	552484.6	4166909	0.04331	2.58	320.02	1.5	ANNUAL	LAB	5
UCART2	552504.6	4166909	0.04365	2.79	320.02	1.5	ANNUAL	LAB	5
UCART2	552524.6	4166909	0.04387	3.04	320.02	1.5	ANNUAL	LAB	5
UCART2	551904.6	4166929	0.03014	3.93	356.88	1.5	ANNUAL	LAB	5
UCART2	551924.6	4166929	0.03088	3.89	356.88	1.5	ANNUAL	LAB	5
UCART2	551944.6	4166929	0.0316	3.65	356.88	1.5	ANNUAL	LAB	5
UCART2	551964.6	4166929	0.03245	3.52	356.88	1.5	ANNUAL	LAB	5
UCART2	551984.6	4166929	0.03337	3.22	356.4	1.5	ANNUAL	LAB	5
UCART2	552004.6	4166929	0.03419	3.18	356.4	1.5	ANNUAL	LAB	5
UCART2	552024.6	4166929	0.03506	3.14	356.4	1.5	ANNUAL	LAB	5
UCART2	552044.6	4166929	0.03578	3.08	356.4	1.5	ANNUAL	LAB	5
UCART2	552064.6	4166929	0.03638	3.03	356.4	1.5	ANNUAL	LAB	5
UCART2	552084.6	4166929	0.03672	2.98	320.02	1.5	ANNUAL	LAB	5
UCART2	552124.6	4166929	0.03686	2.95	320.02	1.5	ANNUAL	LAB	5
UCART2	552144.6	4166929	0.03665	3.05	320.02	1.5	ANNUAL	LAB	5
UCART2	552164.6	4166929	0.03644	3.11	320.02	1.5	ANNUAL	LAB	5
UCART2	552184.6	4166929	0.0362	3.14	320.02	1.5	ANNUAL	LAB	5
UCART2	552204.6	4166929	0.036	3.29	320.02	1.5	ANNUAL	LAB	5
UCART2	552224.6	4166929	0.03589	3.4	320.02	1.5	ANNUAL	LAB	5
UCART2	552244.6	4166929	0.03583	3.48	320.02	1.5	ANNUAL	LAB	5
UCART2	552264.6	4166929	0.03582	3.5	320.02	1.5	ANNUAL	LAB	5
UCART2	552284.6	4166929	0.03594	3.43	320.02	1.5	ANNUAL	LAB	5
UCART2	552304.6	4166929	0.03625	3.36	320.02	1.5	ANNUAL	LAB	5
UCART2	552384.6	4166929	0.03838	2.77	320.02	1.5	ANNUAL	LAB	5
UCART2	552404.6	4166929	0.03884	2.93	320.02	1.5	ANNUAL	LAB	5
UCART2	552424.6	4166929	0.03927	3	320.02	1.5	ANNUAL	LAB	5

UCART2	552464.6	4166929	0.04006	2.83	320.02	1.5	ANNUAL	LAB	5
UCART2	552484.6	4166929	0.0404	2.53	320.02	1.5	ANNUAL	LAB	5
UCART2	552504.6	4166929	0.04065	2.7	320.02	1.5	ANNUAL	LAB	5
UCART2	551944.6	4166949	0.03038	3.84	356.88	1.5	ANNUAL	LAB	5
UCART2	551964.6	4166949	0.03118	3.8	356.88	1.5	ANNUAL	LAB	5
UCART2	551984.6	4166949	0.03205	3.23	356.88	1.5	ANNUAL	LAB	5
UCART2	552004.6	4166949	0.03285	3.19	356.88	1.5	ANNUAL	LAB	5
UCART2	552024.6	4166949	0.03354	3.21	356.88	1.5	ANNUAL	LAB	5
UCART2	552044.6	4166949	0.03413	3.15	356.4	1.5	ANNUAL	LAB	5
UCART2	552064.6	4166949	0.03461	3.03	356.4	1.5	ANNUAL	LAB	5
UCART2	552084.6	4166949	0.03485	2.97	356.4	1.5	ANNUAL	LAB	5
UCART2	552124.6	4166949	0.03483	2.98	345.72	1.5	ANNUAL	LAB	5
UCART2	552144.6	4166949	0.03471	3.04	320.02	1.5	ANNUAL	LAB	5
UCART2	552164.6	4166949	0.03453	3.11	320.02	1.5	ANNUAL	LAB	5
UCART2	552184.6	4166949	0.03437	3.32	320.02	1.5	ANNUAL	LAB	5
UCART2	552204.6	4166949	0.03417	3.53	320.02	1.5	ANNUAL	LAB	5
UCART2	552224.6	4166949	0.03408	3.63	320.02	1.5	ANNUAL	LAB	5
UCART2	552244.6	4166949	0.03405	3.7	320.02	1.5	ANNUAL	LAB	5
UCART2	552264.6	4166949	0.03404	3.64	320.02	1.5	ANNUAL	LAB	5
UCART2	552284.6	4166949	0.03413	3.57	320.02	1.5	ANNUAL	LAB	5
UCART2	552384.6	4166949	0.03622	2.84	320.02	1.5	ANNUAL	LAB	5
UCART2	552404.6	4166949	0.03666	2.86	320.02	1.5	ANNUAL	LAB	5
UCART2	552424.6	4166949	0.03702	2.88	320.02	1.5	ANNUAL	LAB	5
UCART2	552464.6	4166949	0.03757	3.01	320.02	1.5	ANNUAL	LAB	5
UCART2	552484.6	4166949	0.03782	2.53	320.02	1.5	ANNUAL	LAB	5
UCART2	552504.6	4166949	0.03802	2.62	320.02	1.5	ANNUAL	LAB	5
UCART2	551944.6	4166969	0.02926	4.26	356.88	1.5	ANNUAL	LAB	5
UCART2	551964.6	4166969	0.03003	3.85	356.88	1.5	ANNUAL	LAB	5
UCART2	551984.6	4166969	0.03073	3.49	356.88	1.5	ANNUAL	LAB	5
UCART2	552004.6	4166969	0.03142	3.35	356.88	1.5	ANNUAL	LAB	5
UCART2	552024.6	4166969	0.03202	3.37	356.88	1.5	ANNUAL	LAB	5
UCART2	552044.6	4166969	0.03253	3.28	356.88	1.5	ANNUAL	LAB	5
UCART2	552064.6	4166969	0.03283	3.16	356.88	1.5	ANNUAL	LAB	5
UCART2	552084.6	4166969	0.03295	3.3	356.88	1.5	ANNUAL	LAB	5
UCART2	552124.6	4166969	0.03298	3.09	356.4	1.5	ANNUAL	LAB	5
UCART2	552144.6	4166969	0.03287	3.29	356.4	1.5	ANNUAL	LAB	5
UCART2	552164.6	4166969	0.03276	3.24	356.4	1.5	ANNUAL	LAB	5
UCART2	552184.6	4166969	0.03265	2.91	345.72	1.5	ANNUAL	LAB	5
UCART2	552284.6	4166969	0.03255	2.19	320.02	1.5	ANNUAL	LAB	5
UCART2	552384.6	4166969	0.0342	3.01	320.02	1.5	ANNUAL	LAB	5
UCART2	552404.6	4166969	0.03456	3.05	320.02	1.5	ANNUAL	LAB	5
UCART2	552424.6	4166969	0.03476	3.54	320.02	1.5	ANNUAL	LAB	5
UCART2	551964.6	4166989	0.02882	4.16	356.88	1.5	ANNUAL	LAB	5
UCART2	551984.6	4166989	0.02953	3.67	356.88	1.5	ANNUAL	LAB	5
UCART2	552004.6	4166989	0.03006	3.5	356.88	1.5	ANNUAL	LAB	5
UCART2	552024.6	4166989	0.03055	3.48	356.88	1.5	ANNUAL	LAB	5
UCART2	552044.6	4166989	0.03095	3.41	356.88	1.5	ANNUAL	LAB	5
UCART2	552064.6	4166989	0.03113	3.34	356.88	1.5	ANNUAL	LAB	5

UCART2	552084.6	4166989	0.03124	3.5	356.88	1.5	ANNUAL	LAB	5
UCART2	552104.6	4166989	0.03127	3.14	356.88	1.5	ANNUAL	LAB	5
UCART2	552124.6	4166989	0.03122	3.09	356.88	1.5	ANNUAL	LAB	5
UCART2	552144.6	4166989	0.03122	2.83	356.88	1.5	ANNUAL	LAB	5
UCART2	552204.6	4166989	0.03093	2.19	356.4	1.5	ANNUAL	LAB	5
UCART2	552224.6	4166989	0.03077	3.33	345.72	1.5	ANNUAL	LAB	5
UCART2	552244.6	4166989	0.03079	3.13	320.02	1.5	ANNUAL	LAB	5
UCART2	552264.6	4166989	0.03087	2.47	320.02	1.5	ANNUAL	LAB	5
UCART2	552364.6	4166989	0.03193	3.32	320.02	1.5	ANNUAL	LAB	5
UCART2	552384.6	4166989	0.03234	2.74	320.02	1.5	ANNUAL	LAB	5
UCART2	552404.6	4166989	0.03263	3.08	320.02	1.5	ANNUAL	LAB	5
UCART2	552424.6	4166989	0.03283	3.48	320.02	1.5	ANNUAL	LAB	5
UCART2	551964.6	4167009	0.02768	4.62	356.88	1.5	ANNUAL	LAB	5
UCART2	551984.6	4167009	0.02825	3.8	356.88	1.5	ANNUAL	LAB	5
UCART2	552004.6	4167009	0.02879	3.64	356.88	1.5	ANNUAL	LAB	5
UCART2	552024.6	4167009	0.02911	3.55	356.88	1.5	ANNUAL	LAB	5
UCART2	552044.6	4167009	0.0294	3.54	356.88	1.5	ANNUAL	LAB	5
UCART2	552064.6	4167009	0.02953	3.56	356.88	1.5	ANNUAL	LAB	5
UCART2	552084.6	4167009	0.02957	3.58	356.88	1.5	ANNUAL	LAB	5
UCART2	552104.6	4167009	0.02959	3.57	356.88	1.5	ANNUAL	LAB	5
UCART2	552184.6	4167009	0.02938	3.64	356.88	1.5	ANNUAL	LAB	5
UCART2	552204.6	4167009	0.02928	3.57	356.4	1.5	ANNUAL	LAB	5
UCART2	552224.6	4167009	0.02917	4.03	356.4	1.5	ANNUAL	LAB	5
UCART2	552244.6	4167009	0.02913	4.2	348.95	1.5	ANNUAL	LAB	5
UCART2	552264.6	4167009	0.02913	4.36	320.02	1.5	ANNUAL	LAB	5
UCART2	551984.6	4167029	0.02705	4.15	356.88	1.5	ANNUAL	LAB	5
UCART2	552004.6	4167029	0.02744	3.82	356.88	1.5	ANNUAL	LAB	5
UCART2	552024.6	4167029	0.02775	3.55	356.88	1.5	ANNUAL	LAB	5
UCART2	552044.6	4167029	0.02794	3.58	356.88	1.5	ANNUAL	LAB	5
UCART2	552064.6	4167029	0.02803	3.56	356.88	1.5	ANNUAL	LAB	5
UCART2	552084.6	4167029	0.02815	2.77	356.88	1.5	ANNUAL	LAB	5
UCART2	552144.6	4167029	0.0281	3.29	356.88	1.5	ANNUAL	LAB	5
UCART2	552164.6	4167029	0.02804	3.03	356.88	1.5	ANNUAL	LAB	5
UCART2	552184.6	4167029	0.02791	3.98	356.88	1.5	ANNUAL	LAB	5
UCART2	552204.6	4167029	0.02782	3.96	356.88	1.5	ANNUAL	LAB	5
UCART2	552224.6	4167029	0.02772	3.93	356.88	1.5	ANNUAL	LAB	5
UCART2	552244.6	4167029	0.0277	4.07	356.4	1.5	ANNUAL	LAB	5
UCART2	551984.6	4167049	0.02589	4.63	356.88	1.5	ANNUAL	LAB	5
UCART2	552004.6	4167049	0.0262	3.92	356.88	1.5	ANNUAL	LAB	5
UCART2	552024.6	4167049	0.02645	3.36	356.88	1.5	ANNUAL	LAB	5
UCART2	552044.6	4167049	0.02664	3.04	356.88	1.5	ANNUAL	LAB	5
UCART2	552064.6	4167049	0.02669	2.79	356.88	1.5	ANNUAL	LAB	5
UCART2	552144.6	4167049	0.02667	3.84	356.88	1.5	ANNUAL	LAB	5
UCART2	552164.6	4167049	0.02662	3.61	356.88	1.5	ANNUAL	LAB	5
UCART2	552184.6	4167049	0.02654	4.13	356.88	1.5	ANNUAL	LAB	5
UCART2	552204.6	4167049	0.02646	4.14	356.88	1.5	ANNUAL	LAB	5
UCART2	552224.6	4167049	0.02637	3.85	356.88	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166487	0.70121	3.19	3.19	1.5	ANNUAL	LAB	5

131NORTH	552198.8	4166507	0.60228	3.07	3.07	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166507	0.60437	3.13	3.13	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166507	0.5731	3.38	3.38	1.5	ANNUAL	LAB	5
131NORTH	552178.8	4166527	0.41094	3.23	3.23	1.5	ANNUAL	LAB	5
131NORTH	552198.8	4166527	0.45796	3.02	3.02	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166527	0.48796	3.03	3.03	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166527	0.51356	3.27	3.27	1.5	ANNUAL	LAB	5
131NORTH	552258.8	4166527	0.55105	3.43	3.43	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166527	0.52588	3.31	3.31	1.5	ANNUAL	LAB	5
131NORTH	552098.8	4166547	0.11336	3.59	3.59	1.5	ANNUAL	LAB	5
131NORTH	552118.8	4166547	0.12667	3.44	3.44	1.5	ANNUAL	LAB	5
131NORTH	552138.8	4166547	0.16143	3.32	3.32	1.5	ANNUAL	LAB	5
131NORTH	552158.8	4166547	0.21698	3.3	3.3	1.5	ANNUAL	LAB	5
131NORTH	552178.8	4166547	0.28793	3.14	3.14	1.5	ANNUAL	LAB	5
131NORTH	552198.8	4166547	0.35586	2.93	2.93	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166547	0.41731	2.9	2.9	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166547	0.46951	3.08	3.08	1.5	ANNUAL	LAB	5
131NORTH	552258.8	4166547	0.50862	3.28	3.28	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166547	0.47074	3.25	3.25	1.5	ANNUAL	LAB	5
131NORTH	552118.8	4166567	0.1149	3.35	3.35	1.5	ANNUAL	LAB	5
131NORTH	552138.8	4166567	0.13521	3.24	3.24	1.5	ANNUAL	LAB	5
131NORTH	552158.8	4166567	0.17663	3.17	3.17	1.5	ANNUAL	LAB	5
131NORTH	552178.8	4166567	0.2353	3.12	3.12	1.5	ANNUAL	LAB	5
131NORTH	552198.8	4166567	0.30473	2.96	2.96	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166567	0.37141	2.85	2.85	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166567	0.42702	2.91	2.91	1.5	ANNUAL	LAB	5
131NORTH	552258.8	4166567	0.44276	3.13	3.13	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166567	0.43621	3.13	3.13	1.5	ANNUAL	LAB	5
131NORTH	552118.8	4166587	0.11284	3.27	3.27	1.5	ANNUAL	LAB	5
131NORTH	552138.8	4166587	0.13078	3.21	3.21	1.5	ANNUAL	LAB	5
131NORTH	552158.8	4166587	0.16388	3.06	3.06	1.5	ANNUAL	LAB	5
131NORTH	552178.8	4166587	0.21676	3.06	3.06	1.5	ANNUAL	LAB	5
131NORTH	552198.8	4166587	0.27867	2.95	2.95	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166587	0.33578	2.81	2.81	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166587	0.37627	2.79	2.79	1.5	ANNUAL	LAB	5
131NORTH	552258.8	4166587	0.38097	2.95	2.95	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166587	0.39717	2.99	2.99	1.5	ANNUAL	LAB	5
131NORTH	552118.8	4166607	0.11003	3.18	3.18	1.5	ANNUAL	LAB	5
131NORTH	552138.8	4166607	0.1286	3.22	3.22	1.5	ANNUAL	LAB	5
131NORTH	552158.8	4166607	0.16225	2.98	2.98	1.5	ANNUAL	LAB	5
131NORTH	552178.8	4166607	0.20857	2.94	2.94	1.5	ANNUAL	LAB	5
131NORTH	552198.8	4166607	0.25878	2.88	2.88	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166607	0.29311	2.79	2.79	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166607	0.31678	2.71	2.71	1.5	ANNUAL	LAB	5
131NORTH	552258.8	4166607	0.34087	2.72	2.72	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166607	0.35275	2.84	2.84	1.5	ANNUAL	LAB	5
131NORTH	552118.8	4166627	0.1083	3.09	3.09	1.5	ANNUAL	LAB	5
131NORTH	552138.8	4166627	0.12212	3.22	3.22	1.5	ANNUAL	LAB	5

131NORTH	552158.8	4166627	0.14664	3	3	1.5	ANNUAL	LAB	5
131NORTH	552178.8	4166627	0.17774	2.88	2.88	1.5	ANNUAL	LAB	5
131NORTH	552198.8	4166627	0.21323	2.71	2.71	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166627	0.24694	2.64	2.64	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166627	0.2742	2.7	2.7	1.5	ANNUAL	LAB	5
131NORTH	552258.8	4166627	0.29051	2.74	2.74	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166627	0.29633	2.86	2.86	1.5	ANNUAL	LAB	5
131NORTH	552298.8	4166627	0.29542	2.93	2.93	1.5	ANNUAL	LAB	5
131NORTH	552118.8	4166647	0.1049	3.03	3.03	1.5	ANNUAL	LAB	5
131NORTH	552138.8	4166647	0.11512	3.24	3.24	1.5	ANNUAL	LAB	5
131NORTH	552158.8	4166647	0.13146	2.98	2.98	1.5	ANNUAL	LAB	5
131NORTH	552178.8	4166647	0.15202	2.85	2.85	1.5	ANNUAL	LAB	5
131NORTH	552198.8	4166647	0.17858	2.64	2.64	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166647	0.20372	2.59	2.59	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166647	0.22151	2.71	2.71	1.5	ANNUAL	LAB	5
131NORTH	552258.8	4166647	0.23114	2.79	2.79	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166647	0.23358	2.88	2.88	1.5	ANNUAL	LAB	5
131NORTH	552298.8	4166647	0.23197	2.95	2.95	1.5	ANNUAL	LAB	5
131NORTH	552138.8	4166667	0.10378	3.26	3.26	1.5	ANNUAL	LAB	5
131NORTH	552158.8	4166667	0.11374	2.87	2.87	1.5	ANNUAL	LAB	5
131NORTH	552178.8	4166667	0.12548	2.9	2.9	1.5	ANNUAL	LAB	5
131NORTH	552198.8	4166667	0.13934	2.75	2.75	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166667	0.15497	2.68	2.68	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166667	0.16655	2.74	2.74	1.5	ANNUAL	LAB	5
131NORTH	552258.8	4166667	0.17425	2.83	2.83	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166667	0.17769	2.89	2.89	1.5	ANNUAL	LAB	5
Daycare	552138.8	4166687	0.09309	3.11	3.11	1.5	ANNUAL	LAB	5
Daycare	552158.8	4166687	0.09755	2.81	2.81	1.5	ANNUAL	LAB	5
Daycare	552178.8	4166687	0.1028	2.68	2.68	1.5	ANNUAL	LAB	5
131NORTH	552198.8	4166687	0.11019	2.61	320.02	1.5	ANNUAL	LAB	5
131NORTH	552218.8	4166687	0.11797	2.62	320.02	1.5	ANNUAL	LAB	5
131NORTH	552238.8	4166687	0.12316	2.67	320.02	1.5	ANNUAL	LAB	5
131NORTH	552258.8	4166687	0.12705	2.71	320.02	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166687	0.12869	2.75	320.02	1.5	ANNUAL	LAB	5
Daycare	552142.4	4166706	0.07787	3.02	320.02	1.5	ANNUAL	LAB	5
Daycare	552158.8	4166707	0.0765	2.78	320.02	1.5	ANNUAL	LAB	5
131NORTH	552278.8	4166707	0.08109	2.57	320.02	1.5	ANNUAL	LAB	5
Daycare	552158.8	4166727	0.06521	2.81	320.02	1.5	ANNUAL	LAB	5
Daycare	552158.8	4166747	0.05776	2.89	320.02	1.5	ANNUAL	LAB	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Num Years
UCART1	552064.8	4166026	0.02731	4.6	4.6	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166026	0.02807	4.06	4.06	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166026	0.02886	3.76	3.76	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166026	0.02972	3.81	3.81	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166026	0.0308	3.84	3.84	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166026	0.03228	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166026	0.03396	3.35	3.35	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166026	0.03612	3.16	3.16	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166026	0.03867	3	3	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166026	0.04163	2.93	2.93	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166026	0.04513	2.94	2.94	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166026	0.0495	2.99	2.99	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166026	0.055	2.98	2.98	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166026	0.06273	3.02	3.02	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166026	0.07408	2.88	2.88	1.5	ANNUAL	PM25	5
UCART1	552364.8	4166026	0.0939	2.63	2.63	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166046	0.02859	3.83	3.83	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166046	0.02939	3.66	3.66	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166046	0.0302	3.73	3.73	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166046	0.03114	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166046	0.03237	3.55	3.55	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166046	0.03395	3.43	3.43	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166046	0.03584	3.46	3.46	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166046	0.03825	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166046	0.04113	3.19	3.19	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166046	0.04453	3.08	3.08	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166046	0.04864	3.04	3.04	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166046	0.05363	3.2	3.2	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166046	0.06041	3.03	3.03	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166046	0.07003	2.68	2.68	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166046	0.08481	2.44	2.44	1.5	ANNUAL	PM25	5
UCART1	552364.8	4166046	0.11178	2.37	2.37	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166066	0.02659	4.58	4.58	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166066	0.02692	4.32	4.32	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166066	0.02729	4.31	4.31	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166066	0.02766	4.1	4.1	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166066	0.02808	3.84	3.84	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166066	0.02859	3.7	3.7	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166066	0.02924	3.7	3.7	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166066	0.02997	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166066	0.03077	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166066	0.03163	3.76	3.76	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166066	0.03266	3.7	3.7	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166066	0.03399	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166066	0.03566	3.58	3.58	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166066	0.03783	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166066	0.04056	3.29	3.29	1.5	ANNUAL	PM25	5

UCART1	552224.8	4166066	0.04371	3.24	3.24	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166066	0.0475	3.19	3.19	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166066	0.05215	3.18	3.18	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166066	0.05792	3.44	3.44	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166066	0.06594	2.99	2.99	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166066	0.07739	2.56	2.56	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166066	0.09524	2.3	2.3	1.5	ANNUAL	PM25	5
UCART1	552364.8	4166066	0.12868	2.29	2.29	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166086	0.02772	4.55	4.55	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166086	0.02804	4.56	4.56	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166086	0.02848	4.65	4.65	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166086	0.02889	4.31	4.31	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166086	0.02937	3.82	3.82	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166086	0.02995	3.59	3.59	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166086	0.03065	3.65	3.65	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166086	0.03142	3.47	3.47	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166086	0.03222	3.58	3.58	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166086	0.03317	3.79	3.79	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166086	0.03424	3.73	3.73	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166086	0.03566	3.59	3.59	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166086	0.03749	3.72	3.72	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166086	0.03998	3.28	3.28	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166086	0.04299	3.1	3.1	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166086	0.04649	3.14	3.14	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166086	0.05072	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166086	0.05582	3.29	3.29	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166086	0.06223	3.67	3.67	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166086	0.07151	2.91	2.91	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166086	0.08477	2.59	2.59	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166086	0.10563	2.38	2.38	1.5	ANNUAL	PM25	5
UCART1	552364.8	4166086	0.14472	2.34	2.34	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166086	0.13856	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166086	0.11115	3	3	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166086	0.0941	2.42	2.42	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166086	0.08178	2.92	2.92	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166086	0.07258	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166086	0.06566	3.43	3.43	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166106	0.02821	4.88	4.88	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166106	0.02862	4.68	4.68	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166106	0.02896	4.62	4.62	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166106	0.02925	4.94	4.94	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166106	0.02963	5.06	5.06	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166106	0.0302	4.8	4.8	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166106	0.03074	4.16	4.16	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166106	0.03142	3.68	3.68	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166106	0.03215	3.58	3.58	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166106	0.03301	3.51	3.51	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166106	0.03383	3.79	3.79	1.5	ANNUAL	PM25	5

UCART1	552104.8	4166106	0.03483	3.64	3.64	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166106	0.03601	3.67	3.67	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166106	0.03748	3.82	3.82	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166106	0.03949	3.67	3.67	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166106	0.04233	3.06	3.06	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166106	0.04571	2.54	2.54	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166106	0.04958	2.4	2.4	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166106	0.0542	2.44	2.44	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166106	0.05985	2.61	2.61	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166106	0.06704	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166106	0.07729	2.91	2.91	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166106	0.09205	2.78	2.78	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166106	0.11563	2.59	2.59	1.5	ANNUAL	PM25	5
UCART1	552364.8	4166106	0.15959	2.47	2.47	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166106	0.14043	2.99	2.99	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166106	0.1141	2.84	2.84	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166106	0.0972	2.61	2.61	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166106	0.08483	2.68	2.68	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166106	0.07559	2.89	2.89	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166106	0.06855	3.1	3.1	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166126	0.02901	4.78	4.78	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166126	0.02942	4.77	4.77	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166126	0.02983	4.62	4.62	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166126	0.0302	4.62	4.62	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166126	0.03057	5	5	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166126	0.03095	5.31	5.31	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166126	0.0315	5.06	5.06	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166126	0.03214	4.41	4.41	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166126	0.03296	3.8	3.8	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166126	0.0338	3.46	3.46	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166126	0.03475	3.37	3.37	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166126	0.03568	3.67	3.67	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166126	0.03669	3.59	3.59	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166126	0.03793	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166126	0.03944	3.92	3.92	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166126	0.04166	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166126	0.04482	2.89	2.89	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166126	0.04845	2.4	2.4	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166126	0.05274	2.26	2.26	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166126	0.05782	2.26	2.26	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166126	0.06427	2.35	2.35	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166126	0.07227	2.93	2.93	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166126	0.08337	2.78	2.78	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166126	0.09953	2.71	2.71	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166126	0.12499	2.58	2.58	1.5	ANNUAL	PM25	5
UCART1	552364.8	4166126	0.17353	2.58	2.58	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166126	0.14188	2.8	2.8	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166126	0.1164	2.77	2.77	1.5	ANNUAL	PM25	5

UCART1	552504.8	4166126	0.09952	2.74	2.74	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166126	0.08756	2.66	2.66	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166126	0.07853	2.75	2.75	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166126	0.07134	2.86	2.86	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166146	0.02973	4.84	4.84	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166146	0.03026	4.67	4.67	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166146	0.03068	4.62	4.62	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166146	0.03111	4.54	4.54	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166146	0.03151	4.56	4.56	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166146	0.03195	4.83	4.83	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166146	0.03236	5.39	5.39	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166146	0.03296	5.1	5.1	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166146	0.03361	4.55	4.55	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166146	0.03456	3.9	3.9	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166146	0.03567	3.34	3.34	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166146	0.03674	3.12	3.12	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166146	0.03777	3.31	3.31	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166146	0.03884	3.6	3.6	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166146	0.03997	3.81	3.81	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166146	0.04167	3.9	3.9	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166146	0.044	3.81	3.81	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166146	0.04754	2.76	2.76	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166146	0.05148	2.61	2.61	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166146	0.05598	2.65	2.65	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166146	0.06174	2.6	2.6	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166146	0.06896	2.45	2.45	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166146	0.07815	2.45	2.45	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166146	0.09019	2.53	2.53	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166146	0.10709	2.38	2.38	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166146	0.13394	2.35	2.35	1.5	ANNUAL	PM25	5
UCART1	552364.8	4166146	0.18528	2.69	2.69	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166146	0.14367	2.64	2.64	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166146	0.11889	2.79	2.79	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166146	0.10222	2.81	2.81	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166146	0.09005	2.89	2.89	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166146	0.08056	2.87	2.87	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166146	0.07317	2.77	2.77	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166166	0.02974	4.89	4.89	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166166	0.03064	4.93	4.93	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166166	0.03138	4.86	4.86	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166166	0.032	4.75	4.75	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166166	0.03344	4.38	4.38	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166166	0.034	4.46	4.46	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166166	0.0346	4.25	4.25	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166166	0.03532	3.97	3.97	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166166	0.03621	3.68	3.68	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166166	0.03746	3.45	3.45	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166166	0.03879	3.38	3.38	1.5	ANNUAL	PM25	5

UCART1	552084.8	4166166	0.04006	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166166	0.04118	3.31	3.31	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166166	0.04252	3.3	3.3	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166166	0.04425	3.24	3.24	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166166	0.04691	3.09	3.09	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166166	0.05047	2.82	2.82	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166166	0.05471	2.85	2.85	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166166	0.05973	2.98	2.98	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166166	0.06635	2.97	2.97	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166166	0.0745	2.76	2.76	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166166	0.08481	2.62	2.62	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166166	0.09743	2.79	2.79	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166166	0.1149	2.68	2.68	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166166	0.14198	2.59	2.59	1.5	ANNUAL	PM25	5
UCART1	552364.8	4166166	0.19453	2.9	2.9	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166166	0.18578	2.78	2.78	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166166	0.1464	2.15	2.15	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166166	0.12149	2.39	2.39	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166166	0.10421	2.93	2.93	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166166	0.09182	3.05	3.05	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166166	0.08215	2.99	2.99	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166166	0.07433	2.84	2.84	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166186	0.02905	4.79	4.79	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166186	0.03022	4.87	4.87	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166186	0.03139	4.91	4.91	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166186	0.03241	4.81	4.81	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166186	0.03324	4.68	4.68	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166186	0.03458	4.43	4.43	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166186	0.03507	4.41	4.41	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166186	0.03563	4.15	4.15	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166186	0.03629	3.85	3.85	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166186	0.03704	3.64	3.64	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166186	0.03799	3.52	3.52	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166186	0.03929	3.48	3.48	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166186	0.04241	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166186	0.04385	3.25	3.25	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166186	0.04524	3.11	3.11	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166186	0.04712	3.02	3.02	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166186	0.05003	3.01	3.01	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166186	0.05376	2.99	2.99	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166186	0.05853	3.04	3.04	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166186	0.06457	3.14	3.14	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166186	0.07221	3.13	3.13	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166186	0.08193	2.89	2.89	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166186	0.09337	2.43	2.43	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166186	0.10633	2.44	2.44	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166186	0.12387	2.5	2.5	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166186	0.15081	2.51	2.51	1.5	ANNUAL	PM25	5

UCART1	552364.8	4166186	0.20323	2.91	2.91	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166186	0.10627	2.75	2.75	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166186	0.09322	2.74	2.74	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166186	0.08345	2.92	2.92	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166186	0.07607	2.96	2.96	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166206	0.02906	4.8	4.8	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166206	0.03049	4.89	4.89	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166206	0.03192	4.78	4.78	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166206	0.03329	4.57	4.57	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166206	0.03444	4.46	4.46	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166206	0.03618	4.56	4.56	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166206	0.03683	4.84	4.84	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166206	0.03748	4.36	4.36	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166206	0.03814	3.85	3.85	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166206	0.03893	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166206	0.03982	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166206	0.04109	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166206	0.04479	3.52	3.52	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166206	0.04652	3.41	3.41	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166206	0.04829	3.26	3.26	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166206	0.05027	3.29	3.29	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166206	0.05338	3.61	3.61	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166206	0.05762	3.27	3.27	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166206	0.06302	3.16	3.16	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166206	0.07093	3.07	3.07	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166206	0.08068	3.03	3.03	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166206	0.09227	2.8	2.8	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166206	0.18995	2.72	2.72	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166206	0.15049	2.12	2.12	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166206	0.09511	1.62	1.62	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166206	0.08539	2.52	2.52	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166206	0.07751	3.11	3.11	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166226	0.02886	4.64	4.64	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166226	0.03042	4.4	4.4	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166226	0.03212	4.18	4.18	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166226	0.03379	4.27	4.27	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166226	0.03784	4.56	4.56	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166226	0.03877	4.66	4.66	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166226	0.03953	4.32	4.32	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166226	0.04015	3.96	3.96	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166226	0.04096	3.79	3.79	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166226	0.04184	3.68	3.68	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166226	0.0431	3.59	3.59	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166226	0.04705	3.69	3.69	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166226	0.04924	3.77	3.77	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166226	0.05154	3.55	3.55	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166226	0.05473	3.36	3.36	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166226	0.05878	3.5	3.5	1.5	ANNUAL	PM25	5

UCART1	552184.8	4166226	0.06418	3.3	3.3	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166226	0.19112	3.1	3.1	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166226	0.10925	2.68	2.68	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166226	0.09647	2.44	2.44	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166226	0.07867	2.72	2.72	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166246	0.02841	4.53	4.53	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166246	0.03011	4.09	4.09	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166246	0.032	3.83	3.83	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166246	0.03386	4.17	4.17	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166246	0.03584	4.33	4.33	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166246	0.03769	4.45	4.45	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166246	0.03933	4.55	4.55	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166246	0.04075	4.58	4.58	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166246	0.04178	4.41	4.41	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166246	0.04256	4.19	4.19	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166246	0.0433	4.1	4.1	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166246	0.04413	3.97	3.97	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166246	0.04533	3.76	3.76	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166246	0.04716	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166246	0.04953	3.73	3.73	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166246	0.05241	3.88	3.88	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166246	0.05689	3.66	3.66	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166246	0.06139	3.24	3.24	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166246	0.06586	2.96	2.96	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166246	0.1063	2.05	2.05	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166246	0.12415	2.49	2.49	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166246	0.13027	3.16	3.16	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166246	0.1358	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166246	0.14255	3.27	3.27	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166246	0.15407	3.17	3.17	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166246	0.17657	3.13	3.13	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166246	0.2617	3.35	3.35	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166246	0.19025	3.41	3.41	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166246	0.15096	3.48	3.48	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166246	0.12687	3.32	3.32	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166246	0.10976	3.36	3.36	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166246	0.09723	3.39	3.39	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166246	0.08739	2.86	2.86	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166266	0.02779	4.46	4.46	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166266	0.02953	3.96	3.96	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166266	0.03143	3.72	3.72	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166266	0.03344	4.26	4.26	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166266	0.03563	4.33	4.33	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166266	0.03797	4.42	4.42	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166266	0.04223	4.6	4.6	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166266	0.0439	4.67	4.67	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166266	0.04513	4.56	4.56	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166266	0.04596	4.43	4.43	1.5	ANNUAL	PM25	5

UCART1	552024.8	4166266	0.04679	4.25	4.25	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166266	0.04785	3.92	3.92	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166266	0.05001	3.43	3.43	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166266	0.05348	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166266	0.05794	3.62	3.62	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166266	0.06255	3.48	3.48	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166266	0.067	2.87	2.87	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166266	0.10903	2.78	2.78	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166266	0.14261	3.06	3.06	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166266	0.16191	3.13	3.13	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166266	0.16185	3.3	3.3	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166266	0.1545	3.43	3.43	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166266	0.15643	3.47	3.47	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166266	0.16413	3.34	3.34	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166266	0.18476	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166266	0.26115	3.27	3.27	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166266	0.19036	3.43	3.43	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166266	0.15179	3.54	3.54	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166266	0.12816	3.32	3.32	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166266	0.11044	3.44	3.44	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166266	0.09795	3.62	3.62	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166266	0.0883	3.52	3.52	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166266	0.08055	3.38	3.38	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166286	0.02723	4.36	4.36	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166286	0.02888	4.11	4.11	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166286	0.03064	4.23	4.23	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166286	0.03268	4.11	4.11	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166286	0.03494	4.18	4.18	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166286	0.0375	4.31	4.31	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166286	0.04299	4.49	4.49	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166286	0.04547	4.29	4.29	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166286	0.04746	4.28	4.28	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166286	0.04881	4.41	4.41	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166286	0.04969	4.31	4.31	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166286	0.05098	3.93	3.93	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166286	0.05385	3.56	3.56	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166286	0.05728	3.47	3.47	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166286	0.06178	3.49	3.49	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166286	0.06763	2.81	2.81	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166286	0.09071	2.55	2.55	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166286	0.17791	3.21	3.21	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166286	0.19101	3.31	3.31	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166286	0.19171	3.28	3.28	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166286	0.18954	3.38	3.38	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166286	0.16789	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166286	0.16506	3.59	3.59	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166286	0.17198	3.45	3.45	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166286	0.19123	3.25	3.25	1.5	ANNUAL	PM25	5

UCART1	552424.8	4166286	0.25711	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166286	0.18842	3.51	3.51	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166286	0.15087	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166286	0.12761	3.34	3.34	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166286	0.1109	3.47	3.47	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166286	0.09841	3.68	3.68	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166286	0.08882	3.74	3.74	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166286	0.08137	3.65	3.65	1.5	ANNUAL	PM25	5
UCART1	551764.8	4166306	0.02461	5.27	5.27	1.5	ANNUAL	PM25	5
UCART1	551784.8	4166306	0.02575	4.78	4.78	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166306	0.02703	4.32	4.32	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166306	0.02844	4.26	4.26	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166306	0.03002	4.48	4.48	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166306	0.03193	3.88	3.88	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166306	0.03403	4	4	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166306	0.03644	4.2	4.2	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166306	0.03927	4.34	4.34	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166306	0.04244	4.36	4.36	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166306	0.04571	4.09	4.09	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166306	0.04872	4.13	4.13	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166306	0.05094	4.36	4.36	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166306	0.05278	4.29	4.29	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166306	0.05473	3.95	3.95	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166306	0.05729	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166306	0.06055	3.11	3.11	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166306	0.08275	3.31	3.31	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166306	0.104	3.33	3.33	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166306	0.14255	3.61	3.61	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166306	0.17754	3.44	3.44	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166306	0.20472	3.31	3.31	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166306	0.21498	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166306	0.18237	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166306	0.16808	3.64	3.64	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166306	0.17485	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166306	0.19637	3.25	3.25	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166306	0.24987	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166306	0.18609	3.51	3.51	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166306	0.15063	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166306	0.12793	3.31	3.31	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166306	0.11157	3.47	3.47	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166306	0.09957	3.64	3.64	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166306	0.08993	3.74	3.74	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166306	0.08217	3.66	3.66	1.5	ANNUAL	PM25	5
UCART1	551764.8	4166326	0.02481	4.79	4.79	1.5	ANNUAL	PM25	5
UCART1	551784.8	4166326	0.02594	4.51	4.51	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166326	0.02712	4.35	4.35	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166326	0.0284	4.39	4.39	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166326	0.02977	4.3	4.3	1.5	ANNUAL	PM25	5

UCART1	551864.8	4166326	0.03157	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166326	0.0334	3.77	3.77	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166326	0.03546	4.09	4.09	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166326	0.03793	4.26	4.26	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166326	0.04439	4.31	4.31	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166326	0.04808	4.31	4.31	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166326	0.05183	4.29	4.29	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166326	0.05559	4.19	4.19	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166326	0.05832	4.03	4.03	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166326	0.06024	3.79	3.79	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166326	0.07073	2.72	2.72	1.5	ANNUAL	PM25	5
Term131S	552144.8	4166326	0.07957	2.98	2.98	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166326	0.1023	3.29	3.29	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166326	0.14091	3.47	3.47	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166326	0.18236	4.02	4.02	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166326	0.21602	3.64	3.64	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166326	0.21448	3.27	3.27	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166326	0.20165	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166326	0.19494	3.55	3.55	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166326	0.16861	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166326	0.17288	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166326	0.19957	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166326	0.24385	3.32	3.32	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166326	0.18447	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166326	0.1504	3.11	3.11	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166326	0.12829	3.03	3.03	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166326	0.11193	3.35	3.35	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166326	0.09983	3.43	3.43	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166326	0.09044	3.45	3.45	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166326	0.08301	3.52	3.52	1.5	ANNUAL	PM25	5
UCART1	551764.8	4166346	0.02489	4.79	4.79	1.5	ANNUAL	PM25	5
UCART1	551784.8	4166346	0.02598	4.59	4.59	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166346	0.02719	5.05	5.05	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166346	0.02841	5.62	5.62	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166346	0.02987	5.2	5.2	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166346	0.03149	4.5	4.5	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166346	0.03326	3.96	3.96	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166346	0.03522	4.08	4.08	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166346	0.03729	4.28	4.28	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166346	0.0398	4.17	4.17	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166346	0.04284	4.15	4.15	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166346	0.04639	4.34	4.34	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166346	0.05117	4.32	4.32	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166346	0.0573	4.18	4.18	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166346	0.05928	4.03	4.03	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166346	0.06616	2.83	2.83	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166346	0.0713	2.89	2.89	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166346	0.08027	3.13	3.13	1.5	ANNUAL	PM25	5

Term131S	552144.8	4166346	0.08343	3.24	3.24	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166346	0.12402	3.2	3.2	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166346	0.16818	3.38	3.38	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166346	0.20151	3.78	3.78	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166346	0.2172	3.6	3.6	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166346	0.20536	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166346	0.18784	3.31	3.31	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166346	0.18224	3.52	3.52	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166346	0.16671	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166346	0.16969	3.39	3.39	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166346	0.19924	3.19	3.19	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166346	0.23702	3.32	3.32	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166346	0.18139	3.15	3.15	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166346	0.14907	2.92	2.92	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166346	0.12743	2.81	2.81	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166346	0.11178	3.3	3.3	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166346	0.10004	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166346	0.09086	3.45	3.45	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166346	0.08317	3.55	3.55	1.5	ANNUAL	PM25	5
UCART1	551764.8	4166366	0.02495	4.82	4.82	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166366	0.02721	5.3	5.3	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166366	0.02851	6.04	6.04	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166366	0.03004	5.49	5.49	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166366	0.0317	4.89	4.89	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166366	0.03357	4.05	4.05	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166366	0.03547	4.02	4.02	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166366	0.03762	4.2	4.2	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166366	0.03991	4.1	4.1	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166366	0.04576	4.23	4.23	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166366	0.05151	4.26	4.26	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166366	0.05462	4.13	4.13	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166366	0.05827	3.98	3.98	1.5	ANNUAL	PM25	5
Term131S	552064.8	4166366	0.06351	3.93	3.93	1.5	ANNUAL	PM25	5
Term131S	552084.8	4166366	0.06735	3.53	3.53	1.5	ANNUAL	PM25	5
Term131S	552104.8	4166366	0.07216	3.46	3.46	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166366	0.09422	3.4	3.4	1.5	ANNUAL	PM25	5
Term131S	552144.8	4166366	0.08132	3.26	3.26	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166366	0.12391	3.08	3.08	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166366	0.15771	3.2	3.2	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166366	0.17478	3.39	3.39	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166366	0.17896	3.5	3.5	1.5	ANNUAL	PM25	5
Term131S	552244.8	4166366	0.17151	3.41	3.41	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166366	0.16405	3.29	3.29	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166366	0.16786	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166366	0.16159	3.59	3.59	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166366	0.16753	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166366	0.19958	3.15	3.15	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166366	0.22998	3.33	3.33	1.5	ANNUAL	PM25	5

UCART1	552444.8	4166366	0.1777	3.17	3.17	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166366	0.14736	2.85	2.85	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166366	0.12675	2.66	2.66	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166366	0.11137	3.29	3.29	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166366	0.10006	3.34	3.34	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166366	0.09068	3.63	3.63	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166366	0.08329	3.68	3.68	1.5	ANNUAL	PM25	5
UCART1	551764.8	4166386	0.02498	4.81	4.81	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166386	0.02738	4.48	4.48	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166386	0.02868	4.53	4.53	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166386	0.03025	4.19	4.19	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166386	0.032	3.74	3.74	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166386	0.03388	3.75	3.75	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166386	0.03588	3.78	3.78	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166386	0.03814	3.86	3.86	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166386	0.04068	3.97	3.97	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166386	0.04344	3.96	3.96	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166386	0.04745	3.84	3.84	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166386	0.0521	3.96	3.96	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166386	0.05422	3.96	3.96	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166386	0.05835	3.88	3.88	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166386	0.0639	3.91	3.91	1.5	ANNUAL	PM25	5
Term131S	552084.8	4166386	0.0667	3.46	3.46	1.5	ANNUAL	PM25	5
Term131S	552104.8	4166386	0.06478	3.3	3.3	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166386	0.14068	3.17	3.17	1.5	ANNUAL	PM25	5
Term131S	552144.8	4166386	0.13734	3.04	3.04	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166386	0.10253	2.93	2.93	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166386	0.12482	3.02	3.02	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166386	0.13634	3.26	3.26	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166386	0.14345	3.45	3.45	1.5	ANNUAL	PM25	5
Term131S	552244.8	4166386	0.14449	3.39	3.39	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166386	0.14914	3.25	3.25	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166386	0.15635	3.47	3.47	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166386	0.15575	3.6	3.6	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166386	0.16536	3.44	3.44	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166386	0.19988	3.14	3.14	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166386	0.22412	3.18	3.18	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166386	0.17457	3.04	3.04	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166386	0.1451	2.86	2.86	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166386	0.12508	2.79	2.79	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166386	0.11022	3.32	3.32	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166386	0.0988	3.76	3.76	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166386	0.08986	4.08	4.08	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166386	0.08257	3.93	3.93	1.5	ANNUAL	PM25	5
UCART1	551764.8	4166406	0.02497	4.89	4.89	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166406	0.02745	4.43	4.43	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166406	0.02883	4.46	4.46	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166406	0.03038	4.25	4.25	1.5	ANNUAL	PM25	5

UCART1	551864.8	4166406	0.03218	3.63	3.63	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166406	0.03402	3.83	3.83	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166406	0.03625	3.74	3.74	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166406	0.03868	3.72	3.72	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166406	0.04128	3.93	3.93	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166406	0.04438	3.95	3.95	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166406	0.05273	3.79	3.79	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166406	0.05541	3.82	3.82	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166406	0.05973	3.78	3.78	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166406	0.06439	3.79	3.79	1.5	ANNUAL	PM25	5
Term131S	552084.8	4166406	0.06687	3.45	3.45	1.5	ANNUAL	PM25	5
Term131S	552104.8	4166406	0.06139	3.19	3.19	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166406	0.10333	3.05	3.05	1.5	ANNUAL	PM25	5
Term131S	552144.8	4166406	0.10686	2.95	2.95	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166406	0.11181	2.86	2.86	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166406	0.12036	2.92	2.92	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166406	0.1328	3.19	3.19	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166406	0.13536	3.45	3.45	1.5	ANNUAL	PM25	5
Term131S	552244.8	4166406	0.13536	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166406	0.13864	3.24	3.24	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166406	0.14442	3.45	3.45	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166406	0.14697	3.58	3.58	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166406	0.16276	3.44	3.44	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166406	0.20164	3.1	3.1	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166406	0.21782	3.06	3.06	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166406	0.17058	2.99	2.99	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166406	0.14217	2.9	2.9	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166406	0.12303	2.85	2.85	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166406	0.10858	3.34	3.34	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166406	0.09747	3.93	3.93	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166406	0.08881	4.17	4.17	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166406	0.08187	4.07	4.07	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166426	0.02747	4.47	4.47	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166426	0.02887	4.55	4.55	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166426	0.03044	4.45	4.45	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166426	0.03227	3.75	3.75	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166426	0.03417	3.9	3.9	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166426	0.03638	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166426	0.03896	3.63	3.63	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166426	0.0417	3.87	3.87	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166426	0.04495	3.92	3.92	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166426	0.05392	3.69	3.69	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166426	0.05719	3.72	3.72	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166426	0.0616	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166426	0.06833	3.68	3.68	1.5	ANNUAL	PM25	5
Term131S	552084.8	4166426	0.08094	3.46	3.46	1.5	ANNUAL	PM25	5
Term131S	552104.8	4166426	0.07401	3.13	3.13	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166426	0.08179	3.01	3.01	1.5	ANNUAL	PM25	5

Term131S	552144.8	4166426	0.09155	2.96	2.96	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166426	0.09456	2.86	2.86	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166426	0.10682	2.88	2.88	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166426	0.11724	3.17	3.17	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166426	0.12195	3.47	3.47	1.5	ANNUAL	PM25	5
Term131S	552244.8	4166426	0.12416	3.44	3.44	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166426	0.12778	3.27	3.27	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166426	0.13367	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166426	0.14118	3.56	3.56	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166426	0.16164	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166426	0.20403	3.07	3.07	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166426	0.21243	2.98	2.98	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166426	0.167	3.01	3.01	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166426	0.13993	2.94	2.94	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166426	0.1213	2.85	2.85	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166426	0.10719	3.35	3.35	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166426	0.09626	3.92	3.92	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166426	0.08795	3.99	3.99	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166426	0.08099	4.12	4.12	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166446	0.02897	4.03	4.03	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166446	0.03059	3.96	8.39	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166446	0.03239	3.65	8.39	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166446	0.03437	3.6	8.39	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166446	0.03656	3.51	3.51	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166446	0.03907	3.51	3.51	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166446	0.04187	3.67	3.67	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166446	0.04537	3.87	3.87	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166446	0.05032	3.75	3.75	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166446	0.05958	3.72	3.72	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166446	0.06549	3.83	3.83	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166446	0.07348	3.82	3.82	1.5	ANNUAL	PM25	5
Term131S	552084.8	4166446	0.0763	3.47	3.47	1.5	ANNUAL	PM25	5
Term131S	552104.8	4166446	0.07287	3.21	3.21	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166446	0.07741	3.22	3.22	1.5	ANNUAL	PM25	5
Term131S	552144.8	4166446	0.08203	3.25	3.25	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166446	0.08271	3.12	3.12	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166446	0.09046	2.94	2.94	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166446	0.10214	3.22	3.22	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166446	0.1091	3.5	3.5	1.5	ANNUAL	PM25	5
Term131S	552244.8	4166446	0.11583	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166446	0.12033	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166446	0.12625	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166446	0.14079	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166446	0.16314	3.37	3.37	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166446	0.2086	3.09	3.09	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166446	0.20664	3.18	3.18	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166446	0.1639	3.11	3.11	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166446	0.13795	2.89	2.89	1.5	ANNUAL	PM25	5

UCART1	552484.8	4166446	0.11964	2.79	2.79	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166446	0.10582	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166446	0.09558	3.75	3.75	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166446	0.08758	3.86	3.86	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166446	0.08071	4.01	4.01	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166466	0.02888	4.37	4.37	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166466	0.03045	4.91	8.39	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166466	0.03212	5.72	8.39	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166466	0.03416	5.25	8.39	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166466	0.03658	4.08	8.39	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166466	0.03929	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166466	0.04218	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166466	0.04592	3.83	3.83	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166466	0.05113	3.75	3.75	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166466	0.06192	3.72	3.72	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166466	0.06726	3.81	3.81	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166466	0.07028	3.73	3.73	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166466	0.06826	3.65	3.65	1.5	ANNUAL	PM25	5
Term131S	552104.8	4166466	0.06597	3.36	3.36	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166466	0.06952	3.34	3.34	1.5	ANNUAL	PM25	5
Term131S	552144.8	4166466	0.07655	3.38	3.38	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166466	0.08325	3.27	3.27	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166466	0.08848	3	3	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166466	0.09294	3.18	3.18	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166466	0.10174	3.42	3.42	1.5	ANNUAL	PM25	5
Term131S	552244.8	4166466	0.10768	3.5	3.5	1.5	ANNUAL	PM25	5
Term131S	552264.8	4166466	0.11512	3.43	3.43	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166466	0.12623	3.37	3.37	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166466	0.14206	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166466	0.16562	3.37	3.37	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166466	0.21526	3.14	3.14	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166466	0.20293	3.25	3.25	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166466	0.16202	3.2	3.2	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166466	0.13706	2.95	2.95	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166466	0.1191	2.81	2.81	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166466	0.10587	3.38	3.38	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166466	0.096	3.61	3.61	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166466	0.08805	3.72	3.72	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166486	0.02853	4.93	4.93	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166486	0.03009	6.14	8.39	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166486	0.03187	8.08	8.08	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166486	0.03395	7.1	7.1	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166486	0.03642	4.75	7.05	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166486	0.0394	3.32	7.05	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166486	0.04255	3.51	3.51	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166486	0.04662	3.78	3.78	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166486	0.05249	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166486	0.06182	3.71	3.71	1.5	ANNUAL	PM25	5

UCART1	552044.8	4166486	0.06643	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166486	0.06656	3.54	3.54	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166486	0.06513	3.86	3.86	1.5	ANNUAL	PM25	5
Term131S	552104.8	4166486	0.0635	3.54	3.54	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166486	0.068	3.39	3.39	1.5	ANNUAL	PM25	5
Term131S	552144.8	4166486	0.07572	3.4	3.4	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166486	0.08305	3.37	3.37	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166486	0.08903	3.06	3.06	1.5	ANNUAL	PM25	5
Term131S	552204.8	4166486	0.09352	3.06	3.06	1.5	ANNUAL	PM25	5
Term131S	552224.8	4166486	0.09751	3.27	3.27	1.5	ANNUAL	PM25	5
Term131S	552244.8	4166486	0.10618	3.4	3.4	1.5	ANNUAL	PM25	5
Term131S	552264.8	4166486	0.11766	3.38	3.38	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166486	0.12997	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166486	0.14546	3.56	3.56	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166486	0.16981	3.39	3.39	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166486	0.22488	3.2	3.2	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166486	0.20281	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166486	0.16339	3.28	3.28	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166486	0.13874	3.11	3.11	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166486	0.12121	2.9	2.9	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166486	0.10845	3.23	3.23	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166486	0.0984	3.51	3.51	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166486	0.09018	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166506	0.02824	4.76	4.76	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166506	0.02974	5.64	5.64	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166506	0.03157	7	7	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166506	0.03377	5.3	8.39	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166506	0.03646	4.02	7.05	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166506	0.03943	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166506	0.04277	3.32	3.32	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166506	0.04686	3.54	3.54	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166506	0.0534	3.49	3.49	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166506	0.05669	3.46	3.46	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166506	0.05959	3.56	3.56	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166506	0.06272	3.63	3.63	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166506	0.06368	3.47	3.47	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166506	0.06405	3.5	3.5	1.5	ANNUAL	PM25	5
Term131S	552104.8	4166506	0.06338	3.49	3.49	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166506	0.0668	3.41	3.41	1.5	ANNUAL	PM25	5
Term131S	552144.8	4166506	0.07562	3.37	3.37	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166506	0.08471	3.37	3.37	1.5	ANNUAL	PM25	5
Term131S	552184.8	4166506	0.09293	3.18	3.18	1.5	ANNUAL	PM25	5
Term131S	552264.8	4166506	0.12281	3.44	3.44	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166506	0.13371	3.34	3.34	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166506	0.15211	3.55	3.55	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166506	0.18582	3.35	3.35	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166506	0.25061	3.18	3.18	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166506	0.20894	3.13	3.13	1.5	ANNUAL	PM25	5

UCART1	552444.8	4166506	0.16876	3.17	3.17	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166506	0.1436	3.01	3.01	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166506	0.12569	2.84	2.84	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166506	0.11224	3.19	3.19	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166506	0.10159	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166506	0.09284	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166526	0.02783	4.47	4.47	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166526	0.0294	5.15	5.15	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166526	0.03124	5.83	5.83	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166526	0.03364	4.58	4.58	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166526	0.03628	3.88	3.88	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166526	0.0393	3.54	3.54	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166526	0.04253	3.39	3.39	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166526	0.04657	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166526	0.05243	3.52	3.52	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166526	0.05482	3.51	3.51	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166526	0.05845	3.67	3.67	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166526	0.06015	3.61	3.61	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166526	0.06294	3.47	3.47	1.5	ANNUAL	PM25	5
Term131S	552104.8	4166526	0.06458	3.5	3.5	1.5	ANNUAL	PM25	5
Term131S	552124.8	4166526	0.06751	3.41	3.41	1.5	ANNUAL	PM25	5
Term131S	552144.8	4166526	0.07409	3.34	3.34	1.5	ANNUAL	PM25	5
Term131S	552164.8	4166526	0.08428	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166526	0.13152	3.31	3.31	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166526	0.18467	3.44	3.44	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166526	0.22943	3.24	3.24	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166526	0.29811	3.1	3.1	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166526	0.21213	3.01	3.01	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166526	0.17237	3	3	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166526	0.14654	2.85	2.85	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166526	0.12849	2.73	2.73	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166526	0.11452	3.08	3.08	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166526	0.10327	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166526	0.08637	4.08	4.08	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166546	0.02741	4.12	4.12	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166546	0.02911	4.64	4.64	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166546	0.03105	4.64	4.64	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166546	0.03323	4.55	4.55	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166546	0.03571	4.09	4.09	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166546	0.03854	3.72	3.72	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166546	0.04156	3.63	3.63	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166546	0.04541	3.65	3.65	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166546	0.05009	3.72	3.72	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166546	0.05183	3.74	3.74	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166546	0.0544	3.8	3.8	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166546	0.0566	3.9	3.9	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166546	0.05965	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166546	0.13522	3.25	3.25	1.5	ANNUAL	PM25	5

UCART1	552304.8	4166546	0.16421	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166546	0.21089	3.04	3.04	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166546	0.30714	2.95	2.95	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166546	0.20381	2.82	2.82	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166546	0.16787	2.76	2.76	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166546	0.14315	2.63	2.63	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166546	0.12639	2.56	2.56	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166546	0.11302	2.85	2.85	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166546	0.10199	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166546	0.0855	3.87	3.87	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166566	0.02713	3.81	3.81	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166566	0.02883	3.85	3.85	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166566	0.03066	4.08	4.08	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166566	0.0328	4.2	4.2	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166566	0.03512	3.87	3.87	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166566	0.03758	3.62	3.62	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166566	0.04026	3.6	3.6	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166566	0.04356	3.59	3.59	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166566	0.04756	3.69	3.69	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166566	0.05005	3.64	3.64	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166566	0.0519	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166566	0.05382	3.33	3.33	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166566	0.05702	3.19	3.19	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166566	0.1593	3.09	3.09	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166566	0.20398	2.93	2.93	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166566	0.31877	2.86	2.86	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166566	0.18797	2.8	2.8	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166566	0.15709	2.76	2.76	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166566	0.13542	2.62	2.62	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166566	0.12043	2.61	2.61	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166566	0.10816	3.08	3.08	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166566	0.0898	3.81	3.81	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166566	0.08268	3.9	3.9	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166586	0.0285	3.36	3.36	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166586	0.03019	3.66	3.66	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166586	0.03211	3.82	3.82	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166586	0.0342	3.67	3.67	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166586	0.03643	3.54	3.54	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166586	0.03881	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166586	0.04142	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166586	0.04465	3.51	3.51	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166586	0.04801	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166586	0.04924	3.36	3.36	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166586	0.04996	3.28	3.28	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166586	0.05164	3.1	3.1	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166586	0.05477	3.09	3.09	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166586	0.05994	3.24	3.24	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166586	0.15673	3	3	1.5	ANNUAL	PM25	5

UCART1	552324.8	4166586	0.20657	2.83	2.83	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166586	0.34803	2.79	2.79	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166586	0.17449	2.73	2.73	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166586	0.14587	2.72	2.72	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166586	0.127	2.62	2.62	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166586	0.11342	2.73	2.73	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166586	0.10226	3.37	3.37	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166586	0.08564	3.86	3.86	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166586	0.07905	3.93	3.93	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166606	0.02497	4.01	4.01	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166606	0.02804	3.12	3.12	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166606	0.02968	3.38	3.38	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166606	0.03146	3.41	3.41	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166606	0.0333	3.49	3.49	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166606	0.03523	3.49	3.49	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166606	0.03717	3.36	3.36	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166606	0.03936	3.14	3.14	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166606	0.04207	3.18	3.18	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166606	0.04546	3.08	3.08	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166606	0.04815	3.06	3.06	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166606	0.04928	3.14	3.14	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166606	0.05054	3.26	3.26	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166606	0.05321	3.48	3.48	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166606	0.05781	3.23	3.23	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166606	0.1588	2.96	2.96	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166606	0.21507	2.71	2.71	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166606	0.31907	2.74	2.74	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166606	0.20151	2.47	2.47	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166606	0.16382	2.54	2.54	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166606	0.13733	2.55	2.55	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166606	0.11991	2.58	2.58	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166606	0.10699	2.9	2.9	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166606	0.08838	3.58	3.58	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166606	0.08119	3.86	3.86	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166606	0.07527	3.88	3.88	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166626	0.02465	4.01	4.01	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166626	0.02759	3.04	3.04	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166626	0.02908	3.08	3.08	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166626	0.03073	3.12	3.12	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166626	0.03235	3.29	3.29	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166626	0.03394	3.44	3.44	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166626	0.03557	3.41	3.41	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166626	0.03739	3.11	3.11	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166626	0.0398	2.96	2.96	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166626	0.04276	2.95	2.95	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166626	0.0464	2.93	2.93	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166626	0.05008	2.86	2.86	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166626	0.05262	3.28	3.28	1.5	ANNUAL	PM25	5

UCART1	552104.8	4166626	0.05636	3.07	3.07	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166626	0.16503	2.95	2.95	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166626	0.22773	2.66	2.66	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166626	0.26737	2.76	2.76	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166626	0.19075	2.45	2.45	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166626	0.15513	2.48	2.48	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166626	0.13066	2.46	2.46	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166626	0.11398	2.66	2.66	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166626	0.10149	3.12	3.12	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166626	0.08392	3.37	3.37	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166626	0.07732	3.58	3.58	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166626	0.07168	3.71	3.71	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166646	0.02436	3.84	3.84	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166646	0.02703	3.16	3.16	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166646	0.02848	2.92	2.92	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166646	0.0299	2.95	2.95	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166646	0.03131	3.19	3.19	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166646	0.03263	3.41	3.41	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166646	0.03402	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166646	0.0357	3.1	3.1	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166646	0.03779	2.95	2.95	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166646	0.04035	2.97	2.97	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166646	0.04368	2.9	2.9	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166646	0.05005	2.65	2.65	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166646	0.05197	3.06	3.06	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166646	0.05535	2.94	2.94	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166646	0.1672	2.96	2.96	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166646	0.23999	2.66	2.66	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166646	0.27412	2.79	2.79	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166646	0.18231	2.44	2.44	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166646	0.14835	2.43	2.43	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166646	0.12477	2.42	2.42	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166646	0.10851	2.79	2.79	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166646	0.08723	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166646	0.0801	3.18	3.18	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166646	0.07389	3.32	3.32	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166646	0.0686	3.55	3.55	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166666	0.02402	3.48	3.48	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166666	0.02644	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166666	0.02778	2.91	2.91	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166666	0.02904	2.92	2.92	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166666	0.03026	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166666	0.03141	3.42	3.42	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166666	0.03271	3.36	3.36	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166666	0.03421	3.13	3.13	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166666	0.03595	3.2	3.2	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166666	0.03804	3.19	3.19	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166666	0.04092	3	3	1.5	ANNUAL	PM25	5

UCART1	552064.8	4166666	0.048	2.8	2.8	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166666	0.05158	2.89	2.89	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166666	0.05467	2.86	2.86	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166666	0.17808	3.01	3.01	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166666	0.2626	2.72	2.72	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166666	0.22638	2.8	2.8	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166666	0.17497	2.45	2.45	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166666	0.14165	2.33	2.33	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166666	0.119	2.48	2.48	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166666	0.1033	2.95	2.95	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166666	0.08346	3.31	3.31	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166666	0.07673	3.1	3.1	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166666	0.07082	3.4	3.4	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166666	0.06585	3.53	3.53	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166686	0.02358	3.57	3.57	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166686	0.02696	3	3	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166686	0.02809	2.91	2.91	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166686	0.02917	3.08	3.08	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166686	0.03025	3.22	3.22	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166686	0.03148	3.2	3.2	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166686	0.03289	3.02	3.02	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166686	0.03451	2.92	2.92	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166686	0.03629	2.97	2.97	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166686	0.03863	2.94	2.94	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166686	0.04153	2.85	2.85	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166686	0.04507	2.78	2.78	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166686	0.04868	2.77	2.77	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166686	0.05217	2.77	2.77	1.5	ANNUAL	PM25	5
Daycare	552124.8	4166686	0.05588	3.02	3.02	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166686	0.21206	2.78	320.02	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166686	0.3116	2.57	320.02	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166686	0.30158	2.75	320.02	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166686	0.1662	2.54	320.02	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166686	0.13379	2.47	320.02	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166686	0.11288	2.66	320.02	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166686	0.08802	3.19	320.02	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166686	0.08017	3.09	320.02	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166686	0.07377	3.08	320.02	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166686	0.06827	3.35	320.02	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166686	0.06368	3.47	320.02	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166706	0.02301	3.5	3.5	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166706	0.02396	3.66	3.66	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166706	0.02605	3.12	3.12	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166706	0.02705	2.9	2.9	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166706	0.02804	2.94	2.94	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166706	0.02907	3.05	3.05	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166706	0.03027	3.08	3.08	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166706	0.03162	2.92	2.92	1.5	ANNUAL	PM25	5

UCART1	551984.8	4166706	0.03308	2.72	2.72	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166706	0.03466	2.8	2.8	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166706	0.03659	2.89	2.89	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166706	0.03888	2.88	2.88	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166706	0.04535	2.67	320.02	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166706	0.04878	2.79	320.02	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166706	0.05207	3	320.02	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166706	0.06467	2.45	320.02	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166706	0.07173	2.46	320.02	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166706	0.14552	2.57	320.02	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166706	0.37528	2.51	320.02	1.5	ANNUAL	PM25	5
UCART1	552324.8	4166706	0.46146	2.4	320.02	1.5	ANNUAL	PM25	5
UCART1	552344.8	4166706	0.45379	2.69	320.02	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166706	0.15499	2.62	320.02	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166706	0.1253	2.71	320.02	1.5	ANNUAL	PM25	5
UCART1	552444.8	4166706	0.10701	2.89	320.02	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166706	0.08501	2.95	320.02	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166706	0.07765	2.88	320.02	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166706	0.07154	3.06	320.02	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166706	0.06638	3.24	320.02	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166706	0.06193	3.38	320.02	1.5	ANNUAL	PM25	5
UCART1	551804.8	4166726	0.02248	3.14	3.14	1.5	ANNUAL	PM25	5
UCART1	551824.8	4166726	0.02332	3.39	3.39	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166726	0.02513	3.28	3.28	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166726	0.02609	2.88	2.88	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166726	0.02703	2.83	2.83	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166726	0.02804	2.98	2.98	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166726	0.02917	3.08	320.02	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166726	0.03047	2.89	320.02	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166726	0.03181	2.85	320.02	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166726	0.03328	2.81	320.02	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166726	0.03496	2.88	320.02	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166726	0.03693	2.89	320.02	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166726	0.04242	2.57	320.02	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166726	0.04527	3.06	320.02	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166726	0.04842	3.32	320.02	1.5	ANNUAL	PM25	5
Daycare	552144.8	4166726	0.05176	3.15	320.02	1.5	ANNUAL	PM25	5
Daycare	552164.8	4166726	0.05618	2.73	320.02	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166726	0.06152	2.47	320.02	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166726	0.0694	2.29	320.02	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166726	0.08124	2.34	320.02	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166726	0.09936	2.41	320.02	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166726	0.13122	2.4	320.02	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166726	0.22761	2.33	320.02	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166726	0.28517	2.37	320.02	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166726	0.14257	2.54	320.02	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166726	0.11712	3.07	320.02	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166726	0.08322	2.82	320.02	1.5	ANNUAL	PM25	5

UCART1	552504.8	4166726	0.07634	2.75	320.02	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166726	0.07028	2.95	320.02	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166726	0.06502	3.19	320.02	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166726	0.06048	3.2	320.02	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166746	0.02428	3.33	320.02	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166746	0.02519	2.81	320.02	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166746	0.02612	2.72	320.02	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166746	0.02711	2.81	320.02	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166746	0.0282	2.93	320.02	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166746	0.02937	2.99	320.02	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166746	0.03066	2.93	320.02	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166746	0.03206	2.84	320.02	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166746	0.03358	2.82	320.02	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166746	0.03536	2.8	320.02	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166746	0.04005	2.64	320.02	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166746	0.0428	3.16	320.02	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166746	0.04583	3.29	320.02	1.5	ANNUAL	PM25	5
Daycare	552144.8	4166746	0.04929	3.12	320.02	1.5	ANNUAL	PM25	5
Daycare	552164.8	4166746	0.05359	2.82	320.02	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166746	0.05926	2.61	320.02	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166746	0.06706	2.5	320.02	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166746	0.07744	2.44	320.02	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166746	0.09138	2.44	320.02	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166746	0.11365	2.4	320.02	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166746	0.14987	2.3	320.02	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166746	0.20049	2.35	320.02	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166746	0.13169	2.61	320.02	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166746	0.11318	3.27	320.02	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166746	0.09249	2.89	320.02	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166746	0.08434	2.74	320.02	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166746	0.07682	2.76	320.02	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166746	0.06993	3.16	320.02	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166746	0.06402	3.59	320.02	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166746	0.05929	3.44	320.02	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166766	0.02263	3.59	320.02	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166766	0.02431	2.81	320.02	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166766	0.02521	2.68	320.02	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166766	0.02623	2.71	320.02	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166766	0.02727	2.86	320.02	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166766	0.02836	3.16	320.02	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166766	0.02959	2.99	320.02	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166766	0.03092	2.89	320.02	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166766	0.0324	2.81	320.02	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166766	0.03409	2.74	320.02	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166766	0.03835	2.73	320.02	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166766	0.04085	3.13	320.02	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166766	0.04397	3.12	320.02	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166766	0.04756	3.02	320.02	1.5	ANNUAL	PM25	5

UCART1	552164.8	4166766	0.05191	2.94	320.02	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166766	0.05743	2.78	320.02	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166766	0.06434	2.75	320.02	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166766	0.07298	2.6	320.02	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166766	0.08402	2.54	320.02	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166766	0.09876	2.5	320.02	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166766	0.11741	2.4	320.02	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166766	0.14399	2.4	320.02	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166766	0.13484	2.78	320.02	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166766	0.12341	3.35	320.02	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166766	0.1024	2.72	320.02	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166766	0.08987	2.69	320.02	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166766	0.07912	2.87	320.02	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166766	0.07037	3.52	320.02	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166766	0.06344	4.2	320.02	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166766	0.05834	3.92	320.02	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166786	0.02185	3.63	320.02	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166786	0.02346	3.02	320.02	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166786	0.02438	2.83	320.02	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166786	0.02534	2.86	320.02	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166786	0.02632	3.1	320.02	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166786	0.02733	3.46	320.02	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166786	0.02857	2.97	320.02	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166786	0.02977	3.05	320.02	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166786	0.03122	2.99	320.02	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166786	0.03287	2.86	320.02	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166786	0.03479	2.8	320.02	1.5	ANNUAL	PM25	5
UCART1	552084.8	4166786	0.03704	2.74	320.02	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166786	0.03957	2.78	320.02	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166786	0.04257	2.86	320.02	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166786	0.04611	2.99	320.02	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166786	0.05032	3.05	320.02	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166786	0.05545	2.9	320.02	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166786	0.06169	2.54	320.02	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166786	0.06897	2.51	320.02	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166786	0.07754	2.59	320.02	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166786	0.08767	2.68	320.02	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166786	0.10079	2.69	320.02	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166786	0.12471	2.52	320.02	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166786	0.12633	2.63	320.02	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166786	0.09921	2.82	320.02	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166786	0.08259	3.25	320.02	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166786	0.07167	3.55	320.02	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166786	0.06369	3.91	320.02	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166786	0.05789	3.77	320.02	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166806	0.0211	3.63	320.02	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166806	0.02264	3.38	320.02	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166806	0.02353	3.23	320.02	1.5	ANNUAL	PM25	5

UCART1	551924.8	4166806	0.02446	3.22	320.02	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166806	0.02542	3.32	320.02	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166806	0.02643	3.37	320.02	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166806	0.02762	2.91	320.02	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166806	0.02881	3.01	320.02	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166806	0.03019	3.02	320.02	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166806	0.03181	2.93	320.02	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166806	0.03372	2.83	320.02	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166806	0.03843	2.82	320.02	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166806	0.04133	2.95	320.02	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166806	0.04475	3.08	320.02	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166806	0.04872	3.12	320.02	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166806	0.05341	3.01	320.02	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166806	0.05896	2.5	320.02	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166806	0.06502	2.52	320.02	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166806	0.07193	2.61	320.02	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166806	0.08038	2.7	320.02	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166806	0.09276	2.73	320.02	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166806	0.11841	2.53	320.02	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166806	0.22904	3.47	320.02	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166806	0.21837	2.98	320.02	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166806	0.14546	2.52	320.02	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166806	0.1066	2.74	320.02	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166806	0.0859	3.17	320.02	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166806	0.07316	3.32	320.02	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166806	0.06419	3.59	320.02	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166806	0.05761	3.52	320.02	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166826	0.02038	3.59	320.02	1.5	ANNUAL	PM25	5
UCART1	551884.8	4166826	0.02183	3.73	320.02	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166826	0.02269	3.69	320.02	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166826	0.02358	3.63	320.02	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166826	0.02456	3.52	320.02	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166826	0.02561	3.21	320.02	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166826	0.02673	2.87	320.02	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166826	0.02791	2.91	320.02	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166826	0.02926	2.99	320.02	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166826	0.03086	2.96	320.02	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166826	0.03276	2.85	320.02	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166826	0.03735	2.99	320.02	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166826	0.04022	3.15	320.02	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166826	0.04345	3.18	320.02	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166826	0.04721	3.15	320.02	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166826	0.05139	3.11	320.02	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166826	0.05624	2.58	320.02	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166826	0.06142	2.58	320.02	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166826	0.06766	2.59	320.02	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166826	0.07597	2.61	320.02	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166826	0.08925	2.62	320.02	1.5	ANNUAL	PM25	5

UCART1	552304.8	4166826	0.11744	2.45	320.02	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166826	0.18388	3.92	320.02	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166826	0.18922	2.91	320.02	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166826	0.14479	2.42	320.02	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166826	0.10783	2.5	320.02	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166826	0.08713	2.71	320.02	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166826	0.0739	2.86	320.02	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166826	0.06439	3.25	320.02	1.5	ANNUAL	PM25	5
UCART1	552564.8	4166826	0.05746	3.18	320.02	1.5	ANNUAL	PM25	5
UCART1	551844.8	4166846	0.01973	3.44	320.02	1.5	ANNUAL	PM25	5
UCART1	551864.8	4166846	0.02041	3.53	320.02	1.5	ANNUAL	PM25	5
UCART1	551904.8	4166846	0.02194	3.96	320.02	1.5	ANNUAL	PM25	5
UCART1	551924.8	4166846	0.02282	3.9	320.02	1.5	ANNUAL	PM25	5
UCART1	551944.8	4166846	0.02376	3.68	320.02	1.5	ANNUAL	PM25	5
UCART1	551964.8	4166846	0.02477	3.42	320.02	1.5	ANNUAL	PM25	5
UCART1	551984.8	4166846	0.02587	3.02	320.02	1.5	ANNUAL	PM25	5
UCART1	552004.8	4166846	0.02706	2.92	320.02	1.5	ANNUAL	PM25	5
UCART1	552024.8	4166846	0.0284	3	320.02	1.5	ANNUAL	PM25	5
UCART1	552044.8	4166846	0.02996	3.02	320.02	1.5	ANNUAL	PM25	5
UCART1	552064.8	4166846	0.03188	2.87	320.02	1.5	ANNUAL	PM25	5
UCART1	552104.8	4166846	0.03654	2.67	320.02	1.5	ANNUAL	PM25	5
UCART1	552124.8	4166846	0.03929	2.88	320.02	1.5	ANNUAL	PM25	5
UCART1	552144.8	4166846	0.04235	2.99	320.02	1.5	ANNUAL	PM25	5
UCART1	552164.8	4166846	0.0457	3.05	320.02	1.5	ANNUAL	PM25	5
UCART1	552184.8	4166846	0.04938	3.18	320.02	1.5	ANNUAL	PM25	5
UCART1	552204.8	4166846	0.05365	2.78	320.02	1.5	ANNUAL	PM25	5
UCART1	552224.8	4166846	0.05852	2.62	320.02	1.5	ANNUAL	PM25	5
UCART1	552244.8	4166846	0.0647	2.53	320.02	1.5	ANNUAL	PM25	5
UCART1	552264.8	4166846	0.07345	2.51	320.02	1.5	ANNUAL	PM25	5
UCART1	552284.8	4166846	0.08795	2.5	320.02	1.5	ANNUAL	PM25	5
UCART1	552304.8	4166846	0.11875	2.44	320.02	1.5	ANNUAL	PM25	5
UCART1	552404.8	4166846	0.18444	2.41	320.02	1.5	ANNUAL	PM25	5
UCART1	552424.8	4166846	0.18513	2.58	320.02	1.5	ANNUAL	PM25	5
UCART1	552464.8	4166846	0.14145	2.46	320.02	1.5	ANNUAL	PM25	5
UCART1	552484.8	4166846	0.10598	2.58	320.02	1.5	ANNUAL	PM25	5
UCART1	552504.8	4166846	0.08605	2.79	320.02	1.5	ANNUAL	PM25	5
UCART1	552524.8	4166846	0.07316	2.91	320.02	1.5	ANNUAL	PM25	5
UCART1	552544.8	4166846	0.06396	3.04	320.02	1.5	ANNUAL	PM25	5
UCART2	551904.6	4166869	0.02112	4.03	320.02	1.5	ANNUAL	PM25	5
UCART2	551924.6	4166869	0.02196	4.05	320.02	1.5	ANNUAL	PM25	5
UCART2	551944.6	4166869	0.02285	3.81	320.02	1.5	ANNUAL	PM25	5
UCART2	551964.6	4166869	0.0238	3.53	320.02	1.5	ANNUAL	PM25	5
UCART2	551984.6	4166869	0.0249	3.22	320.02	1.5	ANNUAL	PM25	5
UCART2	552004.6	4166869	0.02611	2.92	320.02	1.5	ANNUAL	PM25	5
UCART2	552024.6	4166869	0.02745	3.02	320.02	1.5	ANNUAL	PM25	5
UCART2	552044.6	4166869	0.02904	3.06	320.02	1.5	ANNUAL	PM25	5
UCART2	552064.6	4166869	0.03096	2.84	320.02	1.5	ANNUAL	PM25	5
UCART2	552084.6	4166869	0.03314	2.67	320.02	1.5	ANNUAL	PM25	5

UCART2	552104.6	4166869	0.03552	2.75	320.02	1.5	ANNUAL	PM25	5
UCART2	552124.6	4166869	0.03811	2.87	320.02	1.5	ANNUAL	PM25	5
UCART2	552144.6	4166869	0.04093	2.96	320.02	1.5	ANNUAL	PM25	5
UCART2	552164.6	4166869	0.04395	3.04	320.02	1.5	ANNUAL	PM25	5
UCART2	552184.6	4166869	0.04726	3.15	320.02	1.5	ANNUAL	PM25	5
UCART2	552204.6	4166869	0.05117	3.03	320.02	1.5	ANNUAL	PM25	5
UCART2	552224.6	4166869	0.05598	2.8	320.02	1.5	ANNUAL	PM25	5
UCART2	552244.6	4166869	0.06242	2.59	320.02	1.5	ANNUAL	PM25	5
UCART2	552264.6	4166869	0.07189	2.47	320.02	1.5	ANNUAL	PM25	5
UCART2	552284.6	4166869	0.08761	2.45	320.02	1.5	ANNUAL	PM25	5
UCART2	552304.6	4166869	0.12163	2.45	320.02	1.5	ANNUAL	PM25	5
UCART2	552384.6	4166869	0.16177	2.66	320.02	1.5	ANNUAL	PM25	5
UCART2	552404.6	4166869	0.17463	2.02	320.02	1.5	ANNUAL	PM25	5
UCART2	552424.6	4166869	0.18057	2.48	320.02	1.5	ANNUAL	PM25	5
UCART2	552464.6	4166869	0.13797	2.53	320.02	1.5	ANNUAL	PM25	5
UCART2	552484.6	4166869	0.10346	2.66	320.02	1.5	ANNUAL	PM25	5
UCART2	552504.6	4166869	0.0842	2.85	320.02	1.5	ANNUAL	PM25	5
UCART2	552524.6	4166869	0.07172	3.01	320.02	1.5	ANNUAL	PM25	5
UCART2	552544.6	4166869	0.06283	2.99	320.02	1.5	ANNUAL	PM25	5
UCART2	551884.6	4166889	0.01975	3.59	356.4	1.5	ANNUAL	PM25	5
UCART2	551924.6	4166889	0.0212	4.08	320.02	1.5	ANNUAL	PM25	5
UCART2	551944.6	4166889	0.02207	3.83	320.02	1.5	ANNUAL	PM25	5
UCART2	551964.6	4166889	0.02303	3.51	320.02	1.5	ANNUAL	PM25	5
UCART2	551984.6	4166889	0.02409	3.33	320.02	1.5	ANNUAL	PM25	5
UCART2	552004.6	4166889	0.02537	2.95	320.02	1.5	ANNUAL	PM25	5
UCART2	552024.6	4166889	0.02674	3.05	320.02	1.5	ANNUAL	PM25	5
UCART2	552044.6	4166889	0.02834	3.08	320.02	1.5	ANNUAL	PM25	5
UCART2	552064.6	4166889	0.03026	2.83	320.02	1.5	ANNUAL	PM25	5
UCART2	552084.6	4166889	0.03238	2.75	320.02	1.5	ANNUAL	PM25	5
UCART2	552104.6	4166889	0.03461	2.97	320.02	1.5	ANNUAL	PM25	5
UCART2	552124.6	4166889	0.03706	2.99	320.02	1.5	ANNUAL	PM25	5
UCART2	552144.6	4166889	0.03969	3.02	320.02	1.5	ANNUAL	PM25	5
UCART2	552164.6	4166889	0.04253	3.08	320.02	1.5	ANNUAL	PM25	5
UCART2	552184.6	4166889	0.04578	3.07	320.02	1.5	ANNUAL	PM25	5
UCART2	552204.6	4166889	0.04954	3.2	320.02	1.5	ANNUAL	PM25	5
UCART2	552224.6	4166889	0.05446	3.02	320.02	1.5	ANNUAL	PM25	5
UCART2	552244.6	4166889	0.06128	2.74	320.02	1.5	ANNUAL	PM25	5
UCART2	552264.6	4166889	0.07144	2.55	320.02	1.5	ANNUAL	PM25	5
UCART2	552284.6	4166889	0.08836	2.53	320.02	1.5	ANNUAL	PM25	5
UCART2	552304.6	4166889	0.12582	2.52	320.02	1.5	ANNUAL	PM25	5
UCART2	552384.6	4166889	0.22272	2.72	320.02	1.5	ANNUAL	PM25	5
UCART2	552404.6	4166889	0.16402	2.57	320.02	1.5	ANNUAL	PM25	5
UCART2	552424.6	4166889	0.17662	2.6	320.02	1.5	ANNUAL	PM25	5
UCART2	552464.6	4166889	0.13448	2.61	320.02	1.5	ANNUAL	PM25	5
UCART2	552484.6	4166889	0.10093	2.7	320.02	1.5	ANNUAL	PM25	5
UCART2	552504.6	4166889	0.08214	2.88	320.02	1.5	ANNUAL	PM25	5
UCART2	552524.6	4166889	0.06994	3.12	320.02	1.5	ANNUAL	PM25	5
UCART2	551924.6	4166909	0.02051	3.97	356.4	1.5	ANNUAL	PM25	5

UCART2	551944.6	4166909	0.02137	3.62	356.4	1.5	ANNUAL	PM25	5
UCART2	551964.6	4166909	0.02231	3.34	356.4	1.5	ANNUAL	PM25	5
UCART2	551984.6	4166909	0.02338	3.25	356.4	1.5	ANNUAL	PM25	5
UCART2	552004.6	4166909	0.02463	3.13	345.72	1.5	ANNUAL	PM25	5
UCART2	552024.6	4166909	0.02606	3.09	320.02	1.5	ANNUAL	PM25	5
UCART2	552044.6	4166909	0.0277	3.05	320.02	1.5	ANNUAL	PM25	5
UCART2	552064.6	4166909	0.02953	2.99	320.02	1.5	ANNUAL	PM25	5
UCART2	552084.6	4166909	0.03153	2.94	320.02	1.5	ANNUAL	PM25	5
UCART2	552124.6	4166909	0.03606	2.94	320.02	1.5	ANNUAL	PM25	5
UCART2	552144.6	4166909	0.03854	3.07	320.02	1.5	ANNUAL	PM25	5
UCART2	552164.6	4166909	0.04133	3.11	320.02	1.5	ANNUAL	PM25	5
UCART2	552184.6	4166909	0.04459	3.01	320.02	1.5	ANNUAL	PM25	5
UCART2	552204.6	4166909	0.0485	3.1	320.02	1.5	ANNUAL	PM25	5
UCART2	552224.6	4166909	0.05357	3.17	320.02	1.5	ANNUAL	PM25	5
UCART2	552244.6	4166909	0.06073	3.15	320.02	1.5	ANNUAL	PM25	5
UCART2	552264.6	4166909	0.0714	3.12	320.02	1.5	ANNUAL	PM25	5
UCART2	552284.6	4166909	0.0893	3.08	320.02	1.5	ANNUAL	PM25	5
UCART2	552304.6	4166909	0.13029	2.87	320.02	1.5	ANNUAL	PM25	5
UCART2	552384.6	4166909	0.20026	2.72	320.02	1.5	ANNUAL	PM25	5
UCART2	552404.6	4166909	0.15475	2.84	320.02	1.5	ANNUAL	PM25	5
UCART2	552424.6	4166909	0.17146	2.91	320.02	1.5	ANNUAL	PM25	5
UCART2	552464.6	4166909	0.13089	2.7	320.02	1.5	ANNUAL	PM25	5
UCART2	552484.6	4166909	0.09863	2.58	320.02	1.5	ANNUAL	PM25	5
UCART2	552504.6	4166909	0.08017	2.79	320.02	1.5	ANNUAL	PM25	5
UCART2	552524.6	4166909	0.06819	3.04	320.02	1.5	ANNUAL	PM25	5
UCART2	551904.6	4166929	0.0191	3.93	356.88	1.5	ANNUAL	PM25	5
UCART2	551924.6	4166929	0.01984	3.89	356.88	1.5	ANNUAL	PM25	5
UCART2	551944.6	4166929	0.02067	3.65	356.88	1.5	ANNUAL	PM25	5
UCART2	551964.6	4166929	0.02161	3.52	356.88	1.5	ANNUAL	PM25	5
UCART2	551984.6	4166929	0.02272	3.22	356.4	1.5	ANNUAL	PM25	5
UCART2	552004.6	4166929	0.02394	3.18	356.4	1.5	ANNUAL	PM25	5
UCART2	552024.6	4166929	0.02537	3.14	356.4	1.5	ANNUAL	PM25	5
UCART2	552044.6	4166929	0.02698	3.08	356.4	1.5	ANNUAL	PM25	5
UCART2	552064.6	4166929	0.02874	3.03	356.4	1.5	ANNUAL	PM25	5
UCART2	552084.6	4166929	0.03066	2.98	320.02	1.5	ANNUAL	PM25	5
UCART2	552124.6	4166929	0.03505	2.95	320.02	1.5	ANNUAL	PM25	5
UCART2	552144.6	4166929	0.03754	3.05	320.02	1.5	ANNUAL	PM25	5
UCART2	552164.6	4166929	0.04036	3.11	320.02	1.5	ANNUAL	PM25	5
UCART2	552184.6	4166929	0.04368	3.14	320.02	1.5	ANNUAL	PM25	5
UCART2	552204.6	4166929	0.04783	3.29	320.02	1.5	ANNUAL	PM25	5
UCART2	552224.6	4166929	0.05324	3.4	320.02	1.5	ANNUAL	PM25	5
UCART2	552244.6	4166929	0.06089	3.48	320.02	1.5	ANNUAL	PM25	5
UCART2	552264.6	4166929	0.07236	3.5	320.02	1.5	ANNUAL	PM25	5
UCART2	552284.6	4166929	0.09205	3.43	320.02	1.5	ANNUAL	PM25	5
UCART2	552304.6	4166929	0.13709	3.36	320.02	1.5	ANNUAL	PM25	5
UCART2	552384.6	4166929	0.17815	2.77	320.02	1.5	ANNUAL	PM25	5
UCART2	552404.6	4166929	0.14622	2.93	320.02	1.5	ANNUAL	PM25	5
UCART2	552424.6	4166929	0.16779	3	320.02	1.5	ANNUAL	PM25	5

UCART2	552464.6	4166929	0.12725	2.83	320.02	1.5	ANNUAL	PM25	5
UCART2	552484.6	4166929	0.09618	2.53	320.02	1.5	ANNUAL	PM25	5
UCART2	552504.6	4166929	0.07817	2.7	320.02	1.5	ANNUAL	PM25	5
UCART2	551944.6	4166949	0.02002	3.84	356.88	1.5	ANNUAL	PM25	5
UCART2	551964.6	4166949	0.0209	3.8	356.88	1.5	ANNUAL	PM25	5
UCART2	551984.6	4166949	0.02203	3.23	356.88	1.5	ANNUAL	PM25	5
UCART2	552004.6	4166949	0.02325	3.19	356.88	1.5	ANNUAL	PM25	5
UCART2	552024.6	4166949	0.02461	3.21	356.88	1.5	ANNUAL	PM25	5
UCART2	552044.6	4166949	0.02615	3.15	356.4	1.5	ANNUAL	PM25	5
UCART2	552064.6	4166949	0.02791	3.03	356.4	1.5	ANNUAL	PM25	5
UCART2	552084.6	4166949	0.02979	2.97	356.4	1.5	ANNUAL	PM25	5
UCART2	552124.6	4166949	0.03412	2.98	345.72	1.5	ANNUAL	PM25	5
UCART2	552144.6	4166949	0.03666	3.04	320.02	1.5	ANNUAL	PM25	5
UCART2	552164.6	4166949	0.03961	3.11	320.02	1.5	ANNUAL	PM25	5
UCART2	552184.6	4166949	0.04313	3.32	320.02	1.5	ANNUAL	PM25	5
UCART2	552204.6	4166949	0.04756	3.53	320.02	1.5	ANNUAL	PM25	5
UCART2	552224.6	4166949	0.05347	3.63	320.02	1.5	ANNUAL	PM25	5
UCART2	552244.6	4166949	0.06181	3.7	320.02	1.5	ANNUAL	PM25	5
UCART2	552264.6	4166949	0.07477	3.64	320.02	1.5	ANNUAL	PM25	5
UCART2	552284.6	4166949	0.09803	3.57	320.02	1.5	ANNUAL	PM25	5
UCART2	552384.6	4166949	0.16083	2.84	320.02	1.5	ANNUAL	PM25	5
UCART2	552404.6	4166949	0.13916	2.86	320.02	1.5	ANNUAL	PM25	5
UCART2	552424.6	4166949	0.16586	2.88	320.02	1.5	ANNUAL	PM25	5
UCART2	552464.6	4166949	0.12352	3.01	320.02	1.5	ANNUAL	PM25	5
UCART2	552484.6	4166949	0.09375	2.53	320.02	1.5	ANNUAL	PM25	5
UCART2	552504.6	4166949	0.07616	2.62	320.02	1.5	ANNUAL	PM25	5
UCART2	551944.6	4166969	0.01934	4.26	356.88	1.5	ANNUAL	PM25	5
UCART2	551964.6	4166969	0.02027	3.85	356.88	1.5	ANNUAL	PM25	5
UCART2	551984.6	4166969	0.02131	3.49	356.88	1.5	ANNUAL	PM25	5
UCART2	552004.6	4166969	0.02249	3.35	356.88	1.5	ANNUAL	PM25	5
UCART2	552024.6	4166969	0.02378	3.37	356.88	1.5	ANNUAL	PM25	5
UCART2	552044.6	4166969	0.02525	3.28	356.88	1.5	ANNUAL	PM25	5
UCART2	552064.6	4166969	0.02695	3.16	356.88	1.5	ANNUAL	PM25	5
UCART2	552084.6	4166969	0.02879	3.3	356.88	1.5	ANNUAL	PM25	5
UCART2	552124.6	4166969	0.03321	3.09	356.4	1.5	ANNUAL	PM25	5
UCART2	552144.6	4166969	0.03586	3.29	356.4	1.5	ANNUAL	PM25	5
UCART2	552164.6	4166969	0.03908	3.24	356.4	1.5	ANNUAL	PM25	5
UCART2	552184.6	4166969	0.04309	2.91	345.72	1.5	ANNUAL	PM25	5
UCART2	552284.6	4166969	0.11087	2.19	320.02	1.5	ANNUAL	PM25	5
UCART2	552384.6	4166969	0.14915	3.01	320.02	1.5	ANNUAL	PM25	5
UCART2	552404.6	4166969	0.13302	3.05	320.02	1.5	ANNUAL	PM25	5
UCART2	552424.6	4166969	0.15924	3.54	320.02	1.5	ANNUAL	PM25	5
UCART2	551964.6	4166989	0.01958	4.16	356.88	1.5	ANNUAL	PM25	5
UCART2	551984.6	4166989	0.02059	3.67	356.88	1.5	ANNUAL	PM25	5
UCART2	552004.6	4166989	0.02168	3.5	356.88	1.5	ANNUAL	PM25	5
UCART2	552024.6	4166989	0.02291	3.48	356.88	1.5	ANNUAL	PM25	5
UCART2	552044.6	4166989	0.02434	3.41	356.88	1.5	ANNUAL	PM25	5
UCART2	552064.6	4166989	0.02597	3.34	356.88	1.5	ANNUAL	PM25	5

UCART2	552084.6	4166989	0.02775	3.5	356.88	1.5	ANNUAL	PM25	5
UCART2	552104.6	4166989	0.02988	3.14	356.88	1.5	ANNUAL	PM25	5
UCART2	552124.6	4166989	0.03235	3.09	356.88	1.5	ANNUAL	PM25	5
UCART2	552144.6	4166989	0.03531	2.83	356.88	1.5	ANNUAL	PM25	5
UCART2	552204.6	4166989	0.04901	2.19	356.4	1.5	ANNUAL	PM25	5
UCART2	552224.6	4166989	0.05643	3.33	345.72	1.5	ANNUAL	PM25	5
UCART2	552244.6	4166989	0.06815	3.13	320.02	1.5	ANNUAL	PM25	5
UCART2	552264.6	4166989	0.08882	2.47	320.02	1.5	ANNUAL	PM25	5
UCART2	552364.6	4166989	0.20632	3.32	320.02	1.5	ANNUAL	PM25	5
UCART2	552384.6	4166989	0.14224	2.74	320.02	1.5	ANNUAL	PM25	5
UCART2	552404.6	4166989	0.12867	3.08	320.02	1.5	ANNUAL	PM25	5
UCART2	552424.6	4166989	0.15861	3.48	320.02	1.5	ANNUAL	PM25	5
UCART2	551964.6	4167009	0.01884	4.62	356.88	1.5	ANNUAL	PM25	5
UCART2	551984.6	4167009	0.01983	3.8	356.88	1.5	ANNUAL	PM25	5
UCART2	552004.6	4167009	0.02086	3.64	356.88	1.5	ANNUAL	PM25	5
UCART2	552024.6	4167009	0.02203	3.55	356.88	1.5	ANNUAL	PM25	5
UCART2	552044.6	4167009	0.02338	3.54	356.88	1.5	ANNUAL	PM25	5
UCART2	552064.6	4167009	0.02491	3.56	356.88	1.5	ANNUAL	PM25	5
UCART2	552084.6	4167009	0.02668	3.58	356.88	1.5	ANNUAL	PM25	5
UCART2	552104.6	4167009	0.02876	3.57	356.88	1.5	ANNUAL	PM25	5
UCART2	552184.6	4167009	0.0433	3.64	356.88	1.5	ANNUAL	PM25	5
UCART2	552204.6	4167009	0.04994	3.57	356.4	1.5	ANNUAL	PM25	5
UCART2	552224.6	4167009	0.0588	4.03	356.4	1.5	ANNUAL	PM25	5
UCART2	552244.6	4167009	0.07302	4.2	348.95	1.5	ANNUAL	PM25	5
UCART2	552264.6	4167009	0.10063	4.36	320.02	1.5	ANNUAL	PM25	5
UCART2	551984.6	4167029	0.01904	4.15	356.88	1.5	ANNUAL	PM25	5
UCART2	552004.6	4167029	0.02003	3.82	356.88	1.5	ANNUAL	PM25	5
UCART2	552024.6	4167029	0.02115	3.55	356.88	1.5	ANNUAL	PM25	5
UCART2	552044.6	4167029	0.02242	3.58	356.88	1.5	ANNUAL	PM25	5
UCART2	552064.6	4167029	0.02387	3.56	356.88	1.5	ANNUAL	PM25	5
UCART2	552084.6	4167029	0.02569	2.77	356.88	1.5	ANNUAL	PM25	5
UCART2	552144.6	4167029	0.03358	3.29	356.88	1.5	ANNUAL	PM25	5
UCART2	552164.6	4167029	0.038	3.03	356.88	1.5	ANNUAL	PM25	5
UCART2	552184.6	4167029	0.0435	3.98	356.88	1.5	ANNUAL	PM25	5
UCART2	552204.6	4167029	0.05149	3.96	356.88	1.5	ANNUAL	PM25	5
UCART2	552224.6	4167029	0.06322	3.93	356.88	1.5	ANNUAL	PM25	5
UCART2	552244.6	4167029	0.08346	4.07	356.4	1.5	ANNUAL	PM25	5
UCART2	551984.6	4167049	0.01822	4.63	356.88	1.5	ANNUAL	PM25	5
UCART2	552004.6	4167049	0.0192	3.92	356.88	1.5	ANNUAL	PM25	5
UCART2	552024.6	4167049	0.02026	3.36	356.88	1.5	ANNUAL	PM25	5
UCART2	552044.6	4167049	0.02151	3.04	356.88	1.5	ANNUAL	PM25	5
UCART2	552064.6	4167049	0.02291	2.79	356.88	1.5	ANNUAL	PM25	5
UCART2	552144.6	4167049	0.03227	3.84	356.88	1.5	ANNUAL	PM25	5
UCART2	552164.6	4167049	0.03692	3.61	356.88	1.5	ANNUAL	PM25	5
UCART2	552184.6	4167049	0.04327	4.13	356.88	1.5	ANNUAL	PM25	5
UCART2	552204.6	4167049	0.053	4.14	356.88	1.5	ANNUAL	PM25	5
UCART2	552224.6	4167049	0.06963	3.85	356.88	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166487	0.0965	3.19	3.19	1.5	ANNUAL	PM25	5

131NORTH	552198.8	4166507	0.09777	3.07	3.07	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166507	0.10279	3.13	3.13	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166507	0.10812	3.38	3.38	1.5	ANNUAL	PM25	5
131NORTH	552178.8	4166527	0.0915	3.23	3.23	1.5	ANNUAL	PM25	5
131NORTH	552198.8	4166527	0.09986	3.02	3.02	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166527	0.10744	3.03	3.03	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166527	0.11412	3.27	3.27	1.5	ANNUAL	PM25	5
131NORTH	552258.8	4166527	0.12321	3.43	3.43	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166527	0.12839	3.31	3.31	1.5	ANNUAL	PM25	5
131NORTH	552098.8	4166547	0.06293	3.59	3.59	1.5	ANNUAL	PM25	5
131NORTH	552118.8	4166547	0.06713	3.44	3.44	1.5	ANNUAL	PM25	5
131NORTH	552138.8	4166547	0.07224	3.32	3.32	1.5	ANNUAL	PM25	5
131NORTH	552158.8	4166547	0.07967	3.3	3.3	1.5	ANNUAL	PM25	5
131NORTH	552178.8	4166547	0.08939	3.14	3.14	1.5	ANNUAL	PM25	5
131NORTH	552198.8	4166547	0.09876	2.93	2.93	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166547	0.10755	2.9	2.9	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166547	0.1158	3.08	3.08	1.5	ANNUAL	PM25	5
131NORTH	552258.8	4166547	0.12282	3.28	3.28	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166547	0.13046	3.25	3.25	1.5	ANNUAL	PM25	5
131NORTH	552118.8	4166567	0.06647	3.35	3.35	1.5	ANNUAL	PM25	5
131NORTH	552138.8	4166567	0.07277	3.24	3.24	1.5	ANNUAL	PM25	5
131NORTH	552158.8	4166567	0.07913	3.17	3.17	1.5	ANNUAL	PM25	5
131NORTH	552178.8	4166567	0.0867	3.12	3.12	1.5	ANNUAL	PM25	5
131NORTH	552198.8	4166567	0.09599	2.96	2.96	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166567	0.10519	2.85	2.85	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166567	0.11371	2.91	2.91	1.5	ANNUAL	PM25	5
131NORTH	552258.8	4166567	0.11887	3.13	3.13	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166567	0.12825	3.13	3.13	1.5	ANNUAL	PM25	5
131NORTH	552118.8	4166587	0.0642	3.27	3.27	1.5	ANNUAL	PM25	5
131NORTH	552138.8	4166587	0.07131	3.21	3.21	1.5	ANNUAL	PM25	5
131NORTH	552158.8	4166587	0.07933	3.06	3.06	1.5	ANNUAL	PM25	5
131NORTH	552178.8	4166587	0.08551	3.06	3.06	1.5	ANNUAL	PM25	5
131NORTH	552198.8	4166587	0.09339	2.95	2.95	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166587	0.10266	2.81	2.81	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166587	0.10886	2.79	2.79	1.5	ANNUAL	PM25	5
131NORTH	552258.8	4166587	0.11498	2.95	2.95	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166587	0.12623	2.99	2.99	1.5	ANNUAL	PM25	5
131NORTH	552118.8	4166607	0.06205	3.18	3.18	1.5	ANNUAL	PM25	5
131NORTH	552138.8	4166607	0.06901	3.22	3.22	1.5	ANNUAL	PM25	5
131NORTH	552158.8	4166607	0.07632	2.98	2.98	1.5	ANNUAL	PM25	5
131NORTH	552178.8	4166607	0.08394	2.94	2.94	1.5	ANNUAL	PM25	5
131NORTH	552198.8	4166607	0.09069	2.88	2.88	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166607	0.0967	2.79	2.79	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166607	0.10461	2.71	2.71	1.5	ANNUAL	PM25	5
131NORTH	552258.8	4166607	0.11517	2.72	2.72	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166607	0.12902	2.84	2.84	1.5	ANNUAL	PM25	5
131NORTH	552118.8	4166627	0.05953	3.09	3.09	1.5	ANNUAL	PM25	5
131NORTH	552138.8	4166627	0.06525	3.22	3.22	1.5	ANNUAL	PM25	5

131NORTH	552158.8	4166627	0.07155	3	3	1.5	ANNUAL	PM25	5
131NORTH	552178.8	4166627	0.07801	2.88	2.88	1.5	ANNUAL	PM25	5
131NORTH	552198.8	4166627	0.08561	2.71	2.71	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166627	0.09357	2.64	2.64	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166627	0.10235	2.7	2.7	1.5	ANNUAL	PM25	5
131NORTH	552258.8	4166627	0.11309	2.74	2.74	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166627	0.12936	2.86	2.86	1.5	ANNUAL	PM25	5
131NORTH	552298.8	4166627	0.15469	2.93	2.93	1.5	ANNUAL	PM25	5
131NORTH	552118.8	4166647	0.05776	3.03	3.03	1.5	ANNUAL	PM25	5
131NORTH	552138.8	4166647	0.06242	3.24	3.24	1.5	ANNUAL	PM25	5
131NORTH	552158.8	4166647	0.0681	2.98	2.98	1.5	ANNUAL	PM25	5
131NORTH	552178.8	4166647	0.07394	2.85	2.85	1.5	ANNUAL	PM25	5
131NORTH	552198.8	4166647	0.08106	2.64	2.64	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166647	0.0899	2.59	2.59	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166647	0.10018	2.71	2.71	1.5	ANNUAL	PM25	5
131NORTH	552258.8	4166647	0.11289	2.79	2.79	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166647	0.12738	2.88	2.88	1.5	ANNUAL	PM25	5
131NORTH	552298.8	4166647	0.15527	2.95	2.95	1.5	ANNUAL	PM25	5
131NORTH	552138.8	4166667	0.05942	3.26	3.26	1.5	ANNUAL	PM25	5
131NORTH	552158.8	4166667	0.06373	2.87	2.87	1.5	ANNUAL	PM25	5
131NORTH	552178.8	4166667	0.06918	2.9	2.9	1.5	ANNUAL	PM25	5
131NORTH	552198.8	4166667	0.07585	2.75	2.75	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166667	0.08558	2.68	2.68	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166667	0.09865	2.74	2.74	1.5	ANNUAL	PM25	5
131NORTH	552258.8	4166667	0.11537	2.83	2.83	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166667	0.13446	2.89	2.89	1.5	ANNUAL	PM25	5
Daycare	552138.8	4166687	0.05796	3.11	3.11	1.5	ANNUAL	PM25	5
Daycare	552158.8	4166687	0.0612	2.81	2.81	1.5	ANNUAL	PM25	5
Daycare	552178.8	4166687	0.06559	2.68	2.68	1.5	ANNUAL	PM25	5
131NORTH	552198.8	4166687	0.07249	2.61	320.02	1.5	ANNUAL	PM25	5
131NORTH	552218.8	4166687	0.08251	2.62	320.02	1.5	ANNUAL	PM25	5
131NORTH	552238.8	4166687	0.0999	2.67	320.02	1.5	ANNUAL	PM25	5
131NORTH	552258.8	4166687	0.12838	2.71	320.02	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166687	0.15673	2.75	320.02	1.5	ANNUAL	PM25	5
Daycare	552142.4	4166706	0.05524	3.02	320.02	1.5	ANNUAL	PM25	5
Daycare	552158.8	4166707	0.05811	2.78	320.02	1.5	ANNUAL	PM25	5
131NORTH	552278.8	4166707	0.20406	2.57	320.02	1.5	ANNUAL	PM25	5
Daycare	552158.8	4166727	0.05467	2.81	320.02	1.5	ANNUAL	PM25	5
Daycare	552158.8	4166747	0.05215	2.89	320.02	1.5	ANNUAL	PM25	5

Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Zl	Averagin Pe	Source Gro	Num Years
UCART1	552064.8	4166026	0.01445	4.6	4.6	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166026	0.01447	4.06	4.06	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166026	0.01445	3.76	3.76	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166026	0.01442	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166026	0.01448	3.84	3.84	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166026	0.01475	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166026	0.01507	3.35	3.35	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166026	0.01561	3.16	3.16	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166026	0.01623	3	3	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166026	0.01684	2.93	2.93	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166026	0.01743	2.94	2.94	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166026	0.01807	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166026	0.01856	2.98	2.98	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166026	0.01921	3.02	3.02	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166026	0.0196	2.88	2.88	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166026	0.02002	2.63	2.63	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166046	0.01526	3.83	3.83	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166046	0.01528	3.66	3.66	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166046	0.01523	3.73	3.73	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166046	0.0152	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166046	0.0153	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166046	0.01559	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166046	0.01596	3.46	3.46	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166046	0.01658	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166046	0.01727	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166046	0.01799	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166046	0.0187	3.04	3.04	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166046	0.0193	3.2	3.2	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166046	0.01998	3.03	3.03	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166046	0.02063	2.68	2.68	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166046	0.02114	2.44	2.44	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166046	0.02159	2.37	2.37	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166066	0.01673	4.58	4.58	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166066	0.01663	4.32	4.32	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166066	0.01654	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166066	0.01641	4.1	4.1	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166066	0.01628	3.84	3.84	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166066	0.01619	3.7	3.7	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166066	0.01619	3.7	3.7	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166066	0.01618	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166066	0.01616	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166066	0.01611	3.76	3.76	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166066	0.01609	3.7	3.7	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166066	0.0162	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166066	0.01648	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166066	0.01699	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166066	0.01773	3.29	3.29	1.5	ANNUAL	DPM	5

UCART1	552224.8	4166066	0.01847	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166066	0.01926	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166066	0.02006	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166066	0.02081	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166066	0.0216	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166066	0.02239	2.56	2.56	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166066	0.02299	2.3	2.3	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166066	0.02352	2.29	2.29	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166086	0.01763	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166086	0.0175	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166086	0.01746	4.65	4.65	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166086	0.01735	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166086	0.01724	3.82	3.82	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166086	0.01719	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166086	0.0172	3.65	3.65	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166086	0.01719	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166086	0.01713	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166086	0.01711	3.79	3.79	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166086	0.01706	3.73	3.73	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166086	0.01718	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166086	0.01752	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166086	0.01819	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166086	0.01903	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166086	0.01989	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166086	0.02084	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166086	0.02169	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166086	0.02253	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166086	0.02352	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166086	0.02451	2.59	2.59	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166086	0.02519	2.38	2.38	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166086	0.02595	2.34	2.34	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166086	0.02692	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166086	0.02666	3	3	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166086	0.02674	2.42	2.42	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166086	0.02625	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166086	0.02552	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166086	0.0249	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166106	0.0187	4.88	4.88	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166106	0.01873	4.68	4.68	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166106	0.01864	4.62	4.62	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166106	0.01847	4.94	4.94	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166106	0.01837	5.06	5.06	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166106	0.01838	4.8	4.8	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166106	0.0183	4.16	4.16	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166106	0.01831	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166106	0.01831	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166106	0.01835	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166106	0.01827	3.79	3.79	1.5	ANNUAL	DPM	5

UCART1	552104.8	4166106	0.01823	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166106	0.01823	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166106	0.01834	3.82	3.82	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166106	0.01874	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166106	0.0196	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166106	0.02064	2.54	2.54	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166106	0.02166	2.4	2.4	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166106	0.02269	2.44	2.44	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166106	0.02369	2.61	2.61	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166106	0.02477	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166106	0.02592	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166106	0.02703	2.78	2.78	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166106	0.02799	2.59	2.59	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166106	0.02877	2.47	2.47	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166106	0.02923	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166106	0.02881	2.84	2.84	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166106	0.02859	2.61	2.61	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166106	0.02779	2.68	2.68	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166106	0.027	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166106	0.02635	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166126	0.01969	4.78	4.78	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166126	0.01972	4.77	4.77	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166126	0.01972	4.62	4.62	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166126	0.01965	4.62	4.62	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166126	0.01956	5	5	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166126	0.01943	5.31	5.31	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166126	0.01941	5.06	5.06	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166126	0.0194	4.41	4.41	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166126	0.01951	3.8	3.8	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166126	0.01958	3.46	3.46	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166126	0.01966	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166126	0.01965	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166126	0.01956	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166126	0.01956	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166126	0.01964	3.92	3.92	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166126	0.02015	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166126	0.02122	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166126	0.02238	2.4	2.4	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166126	0.02364	2.26	2.26	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166126	0.02488	2.26	2.26	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166126	0.02631	2.35	2.35	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166126	0.02757	2.93	2.93	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166126	0.02894	2.78	2.78	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166126	0.0304	2.71	2.71	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166126	0.03141	2.58	2.58	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166126	0.03209	2.58	2.58	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166126	0.03163	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166126	0.0309	2.77	2.77	1.5	ANNUAL	DPM	5

UCART1	552504.8	4166126	0.03021	2.74	2.74	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166126	0.02956	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166126	0.02887	2.75	2.75	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166126	0.02806	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166146	0.02061	4.84	4.84	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166146	0.02077	4.67	4.67	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166146	0.02079	4.62	4.62	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166146	0.02079	4.54	4.54	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166146	0.02074	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166146	0.02069	4.83	4.83	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166146	0.02059	5.39	5.39	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166146	0.02059	5.1	5.1	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166146	0.02057	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166146	0.02077	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166146	0.02107	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166146	0.02123	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166146	0.02126	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166146	0.02121	3.6	3.6	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166146	0.02104	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166146	0.02123	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166146	0.02179	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166146	0.02311	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166146	0.02447	2.61	2.61	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166146	0.02577	2.65	2.65	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166146	0.02745	2.6	2.6	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166146	0.02934	2.45	2.45	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166146	0.03132	2.45	2.45	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166146	0.03314	2.53	2.53	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166146	0.03462	2.38	2.38	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166146	0.03581	2.35	2.35	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166146	0.03612	2.69	2.69	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166146	0.03407	2.64	2.64	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166146	0.0333	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166146	0.0324	2.81	2.81	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166146	0.0314	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166146	0.03016	2.87	2.87	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166146	0.02908	2.77	2.77	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166166	0.02082	4.89	4.89	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166166	0.02137	4.93	4.93	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166166	0.02172	4.86	4.86	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166166	0.02193	4.75	4.75	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166166	0.02193	4.38	4.38	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166166	0.02193	4.46	4.46	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166166	0.02191	4.25	4.25	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166166	0.02194	3.97	3.97	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166166	0.02207	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166166	0.02249	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166166	0.02288	3.38	3.38	1.5	ANNUAL	DPM	5

UCART1	552084.8	4166166	0.0231	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166166	0.02303	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166166	0.02302	3.3	3.3	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166166	0.02316	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166166	0.02395	3.09	3.09	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166166	0.02527	2.82	2.82	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166166	0.0268	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166166	0.02848	2.98	2.98	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166166	0.03083	2.97	2.97	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166166	0.0334	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166166	0.0362	2.62	2.62	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166166	0.03832	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166166	0.03994	2.68	2.68	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166166	0.04067	2.59	2.59	1.5	ANNUAL	DPM	5
UCART1	552364.8	4166166	0.04107	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166166	0.03786	2.78	2.78	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166166	0.03702	2.15	2.15	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166166	0.03557	2.39	2.39	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166166	0.03403	2.93	2.93	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166166	0.03268	3.05	3.05	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166166	0.03117	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166166	0.02963	2.84	2.84	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166186	0.02032	4.79	4.79	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166186	0.02115	4.87	4.87	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166186	0.02195	4.91	4.91	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166186	0.02257	4.81	4.81	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166186	0.02298	4.68	4.68	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166186	0.02336	4.43	4.43	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166186	0.02332	4.41	4.41	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166186	0.02329	4.15	4.15	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166186	0.02331	3.85	3.85	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166186	0.02335	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166186	0.02352	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166186	0.02395	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166186	0.02503	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166186	0.02523	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166186	0.0252	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166186	0.02543	3.02	3.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166186	0.02639	3.01	3.01	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166186	0.0278	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166186	0.02975	3.04	3.04	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166186	0.03232	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166186	0.03556	3.13	3.13	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166186	0.03951	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166186	0.04321	2.43	2.43	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166186	0.04541	2.44	2.44	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166186	0.04687	2.5	2.5	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166186	0.04705	2.51	2.51	1.5	ANNUAL	DPM	5

UCART1	552364.8	4166186	0.04643	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166186	0.03561	2.75	2.75	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166186	0.03348	2.74	2.74	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166186	0.03194	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166186	0.03089	2.96	2.96	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166206	0.02019	4.8	4.8	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166206	0.02127	4.89	4.89	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166206	0.02232	4.78	4.78	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166206	0.02328	4.57	4.57	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166206	0.02399	4.46	4.46	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166206	0.02475	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166206	0.02486	4.84	4.84	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166206	0.02489	4.36	4.36	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166206	0.02488	3.85	3.85	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166206	0.02494	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166206	0.02502	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166206	0.02541	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166206	0.027	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166206	0.02745	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166206	0.02775	3.26	3.26	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166206	0.02801	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166206	0.02914	3.61	3.61	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166206	0.03094	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166206	0.03341	3.16	3.16	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166206	0.03771	3.07	3.07	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166206	0.04293	3.03	3.03	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166206	0.04864	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166206	0.04314	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166206	0.0413	2.12	2.12	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166206	0.03516	1.62	1.62	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166206	0.03341	2.52	2.52	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166206	0.03198	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166226	0.01985	4.64	4.64	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166226	0.02104	4.4	4.4	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166226	0.02235	4.18	4.18	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166226	0.0236	4.27	4.27	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166226	0.0262	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166226	0.02656	4.66	4.66	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166226	0.02669	4.32	4.32	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166226	0.02663	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166226	0.02669	3.79	3.79	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166226	0.02675	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166226	0.02708	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166226	0.02886	3.69	3.69	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166226	0.02974	3.77	3.77	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166226	0.0305	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166226	0.0319	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166226	0.03388	3.5	3.5	1.5	ANNUAL	DPM	5

UCART1	552184.8	4166226	0.03678	3.3	3.3	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166226	0.04602	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166226	0.03808	2.68	2.68	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166226	0.0361	2.44	2.44	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166226	0.03274	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166246	0.01926	4.53	4.53	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166246	0.02058	4.09	4.09	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166246	0.02207	3.83	3.83	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166246	0.0235	4.17	4.17	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166246	0.02502	4.33	4.33	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166246	0.02638	4.45	4.45	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166246	0.02748	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166246	0.02832	4.58	4.58	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166246	0.02871	4.41	4.41	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166246	0.02879	4.19	4.19	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166246	0.02876	4.1	4.1	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166246	0.02874	3.97	3.97	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166246	0.02899	3.76	3.76	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166246	0.02975	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166246	0.03094	3.73	3.73	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166246	0.03247	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166246	0.03535	3.66	3.66	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166246	0.03799	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166246	0.04029	2.96	2.96	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166246	0.0713	2.05	2.05	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166246	0.08444	2.49	2.49	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166246	0.08471	3.16	3.16	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166246	0.08238	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166246	0.07824	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166246	0.07336	3.17	3.17	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166246	0.06833	3.13	3.13	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166246	0.05081	3.35	3.35	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166246	0.04699	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166246	0.04365	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166246	0.04127	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166246	0.03901	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166246	0.03711	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166246	0.03505	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166266	0.01851	4.46	4.46	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166266	0.01985	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166266	0.02134	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166266	0.02292	4.26	4.26	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166266	0.02464	4.33	4.33	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166266	0.02648	4.42	4.42	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166266	0.0296	4.6	4.6	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166266	0.03062	4.67	4.67	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166266	0.03113	4.56	4.56	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166266	0.03117	4.43	4.43	1.5	ANNUAL	DPM	5

UCART1	552024.8	4166266	0.03112	4.25	4.25	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166266	0.03119	3.92	3.92	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166266	0.03223	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166266	0.03447	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166266	0.03752	3.62	3.62	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166266	0.0405	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166266	0.04303	2.87	2.87	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166266	0.07709	2.78	2.78	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166266	0.1069	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166266	0.12148	3.13	3.13	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166266	0.11543	3.3	3.3	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166266	0.10019	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166266	0.09112	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166266	0.08215	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166266	0.07464	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166266	0.05197	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166266	0.04839	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166266	0.04528	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166266	0.0429	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166266	0.0399	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166266	0.038	3.62	3.62	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166266	0.03617	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166266	0.03453	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166286	0.01783	4.36	4.36	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166286	0.01907	4.11	4.11	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166286	0.02041	4.23	4.23	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166286	0.022	4.11	4.11	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166286	0.02378	4.18	4.18	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166286	0.02582	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166286	0.03015	4.49	4.49	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166286	0.03194	4.29	4.29	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166286	0.03319	4.28	4.28	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166286	0.03374	4.41	4.41	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166286	0.03372	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166286	0.03399	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166286	0.0357	3.56	3.56	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166286	0.03785	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166286	0.04091	3.49	3.49	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166286	0.04505	2.81	2.81	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166286	0.06128	2.55	2.55	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166286	0.14537	3.21	3.21	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166286	0.15464	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166286	0.15053	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166286	0.14229	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166286	0.11265	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166286	0.09863	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166286	0.08843	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166286	0.07843	3.25	3.25	1.5	ANNUAL	DPM	5

UCART1	552424.8	4166286	0.05315	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166286	0.04896	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166286	0.04557	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166286	0.04301	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166286	0.04072	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166286	0.03867	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166286	0.03686	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166286	0.03543	3.65	3.65	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166306	0.01586	5.27	5.27	1.5	ANNUAL	DPM	5
UCART1	551784.8	4166306	0.01662	4.78	4.78	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166306	0.01751	4.32	4.32	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166306	0.0185	4.26	4.26	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166306	0.01966	4.48	4.48	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166306	0.0211	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166306	0.0227	4	4	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166306	0.02459	4.2	4.2	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166306	0.02684	4.34	4.34	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166306	0.02938	4.36	4.36	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166306	0.03195	4.09	4.09	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166306	0.0342	4.13	4.13	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166306	0.0356	4.36	4.36	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166306	0.0365	4.29	4.29	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166306	0.0374	3.95	3.95	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166306	0.0388	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166306	0.04071	3.11	3.11	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166306	0.05551	3.31	3.31	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166306	0.07407	3.33	3.33	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166306	0.10946	3.61	3.61	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166306	0.14051	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166306	0.1628	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166306	0.1669	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166306	0.12614	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166306	0.10037	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166306	0.08942	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166306	0.08011	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166306	0.05337	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166306	0.04969	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166306	0.04675	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166306	0.04417	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166306	0.04189	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166306	0.04009	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166306	0.03812	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166306	0.03631	3.66	3.66	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166326	0.01596	4.79	4.79	1.5	ANNUAL	DPM	5
UCART1	551784.8	4166326	0.01672	4.51	4.51	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166326	0.0175	4.35	4.35	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166326	0.01836	4.39	4.39	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166326	0.01928	4.3	4.3	1.5	ANNUAL	DPM	5

UCART1	551864.8	4166326	0.02058	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166326	0.02191	3.77	3.77	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166326	0.02343	4.09	4.09	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166326	0.02531	4.26	4.26	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166326	0.03041	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166326	0.03331	4.31	4.31	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166326	0.03621	4.29	4.29	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166326	0.039	4.19	4.19	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166326	0.04067	4.03	4.03	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166326	0.04139	3.79	3.79	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166326	0.04723	2.72	2.72	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166326	0.05409	2.98	2.98	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166326	0.07454	3.29	3.29	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166326	0.11045	3.47	3.47	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166326	0.14878	4.02	4.02	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166326	0.1784	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166326	0.17183	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166326	0.1527	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166326	0.13765	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166326	0.09941	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166326	0.08515	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166326	0.07916	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166326	0.05391	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166326	0.05046	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166326	0.04761	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166326	0.04528	3.03	3.03	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166326	0.04279	3.35	3.35	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166326	0.04061	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166326	0.03874	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166326	0.03724	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166346	0.01598	4.79	4.79	1.5	ANNUAL	DPM	5
UCART1	551784.8	4166346	0.01669	4.59	4.59	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166346	0.0175	5.05	5.05	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166346	0.0183	5.62	5.62	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166346	0.01929	5.2	5.2	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166346	0.02039	4.5	4.5	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166346	0.02162	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166346	0.02302	4.08	4.08	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166346	0.02447	4.28	4.28	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166346	0.02632	4.17	4.17	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166346	0.02863	4.15	4.15	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166346	0.03138	4.34	4.34	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166346	0.03527	4.32	4.32	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166346	0.04041	4.18	4.18	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166346	0.0413	4.03	4.03	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166346	0.04554	2.83	2.83	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166346	0.04913	2.89	2.89	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166346	0.05636	3.13	3.13	1.5	ANNUAL	DPM	5

Term131S	552144.8	4166346	0.05751	3.24	3.24	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166346	0.09575	3.2	3.2	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166346	0.13717	3.38	3.38	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166346	0.16729	3.78	3.78	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166346	0.17894	3.6	3.6	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166346	0.16201	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166346	0.13802	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166346	0.12385	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166346	0.09599	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166346	0.07953	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166346	0.07424	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166346	0.05385	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166346	0.05051	3.15	3.15	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166346	0.04786	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166346	0.04534	2.81	2.81	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166346	0.04331	3.3	3.3	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166346	0.04123	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166346	0.03946	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166346	0.0376	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166366	0.01598	4.82	4.82	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166366	0.01744	5.3	5.3	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166366	0.01829	6.04	6.04	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166366	0.01936	5.49	5.49	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166366	0.02049	4.89	4.89	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166366	0.02178	4.05	4.05	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166366	0.02309	4.02	4.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166366	0.02461	4.2	4.2	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166366	0.02621	4.1	4.1	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166366	0.03049	4.23	4.23	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166366	0.03534	4.26	4.26	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166366	0.03744	4.13	4.13	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166366	0.03997	3.98	3.98	1.5	ANNUAL	DPM	5
Term131S	552064.8	4166366	0.04398	3.93	3.93	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166366	0.0464	3.53	3.53	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166366	0.04964	3.46	3.46	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166366	0.06991	3.4	3.4	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166366	0.05495	3.26	3.26	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166366	0.09513	3.08	3.08	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166366	0.12615	3.2	3.2	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166366	0.13991	3.39	3.39	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166366	0.14005	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166366	0.12748	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166366	0.11335	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166366	0.10831	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166366	0.08929	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166366	0.07485	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166366	0.06961	3.15	3.15	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166366	0.05323	3.33	3.33	1.5	ANNUAL	DPM	5

UCART1	552444.8	4166366	0.05011	3.17	3.17	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166366	0.0479	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166366	0.0457	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166366	0.04363	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166366	0.04174	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166366	0.03968	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166366	0.03798	3.68	3.68	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166386	0.01595	4.81	4.81	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166386	0.01752	4.48	4.48	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166386	0.01836	4.53	4.53	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166386	0.01943	4.19	4.19	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166386	0.02064	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166386	0.02194	3.75	3.75	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166386	0.02333	3.78	3.78	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166386	0.02493	3.86	3.86	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166386	0.02676	3.97	3.97	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166386	0.02876	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166386	0.03192	3.84	3.84	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166386	0.03565	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166386	0.03675	3.96	3.96	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166386	0.03974	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166386	0.04403	3.91	3.91	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166386	0.04538	3.46	3.46	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166386	0.04185	3.3	3.3	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166386	0.11592	3.17	3.17	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166386	0.11049	3.04	3.04	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166386	0.07325	2.93	2.93	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166386	0.09271	3.02	3.02	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166386	0.10087	3.26	3.26	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166386	0.1039	3.45	3.45	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166386	0.09972	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166386	0.09751	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166386	0.0956	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166386	0.08179	3.6	3.6	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166386	0.07008	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166386	0.06469	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166386	0.05256	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166386	0.04975	3.04	3.04	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166386	0.04748	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166386	0.04527	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166386	0.04326	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166386	0.04124	3.76	3.76	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166386	0.03944	4.08	4.08	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166386	0.0376	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	551764.8	4166406	0.0159	4.89	4.89	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166406	0.01752	4.43	4.43	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166406	0.01843	4.46	4.46	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166406	0.01947	4.25	4.25	1.5	ANNUAL	DPM	5

UCART1	551864.8	4166406	0.02071	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166406	0.02196	3.83	3.83	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166406	0.02355	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166406	0.0253	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166406	0.02717	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166406	0.02948	3.95	3.95	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166406	0.03601	3.79	3.79	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166406	0.03765	3.82	3.82	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166406	0.04081	3.78	3.78	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166406	0.04418	3.79	3.79	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166406	0.04519	3.45	3.45	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166406	0.03806	3.19	3.19	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166406	0.07814	3.05	3.05	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166406	0.07955	2.95	2.95	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166406	0.08203	2.86	2.86	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166406	0.0877	2.92	2.92	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166406	0.09674	3.19	3.19	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166406	0.09516	3.45	3.45	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166406	0.08982	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166406	0.08605	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166406	0.08242	3.45	3.45	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166406	0.07126	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166406	0.0647	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166406	0.06073	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166406	0.05132	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166406	0.04862	2.99	2.99	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166406	0.04637	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166406	0.04441	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166406	0.0424	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166406	0.04055	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166406	0.03881	4.17	4.17	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166406	0.03724	4.07	4.07	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166426	0.01748	4.47	4.47	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166426	0.0184	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166426	0.01946	4.45	4.45	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166426	0.0207	3.75	3.75	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166426	0.02199	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166426	0.02355	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166426	0.02542	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166426	0.02741	3.87	3.87	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166426	0.02983	3.92	3.92	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166426	0.03694	3.69	3.69	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166426	0.03915	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166426	0.04238	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166426	0.04778	3.68	3.68	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166426	0.0589	3.46	3.46	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166426	0.05029	3.13	3.13	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166426	0.05618	3.01	3.01	1.5	ANNUAL	DPM	5

Term131S	552144.8	4166426	0.06378	2.96	2.96	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166426	0.06429	2.86	2.86	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166426	0.07361	2.88	2.88	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166426	0.08058	3.17	3.17	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166426	0.08106	3.47	3.47	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166426	0.07783	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166426	0.07421	3.27	3.27	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166426	0.07037	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166426	0.06365	3.56	3.56	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166426	0.06056	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166426	0.05695	3.07	3.07	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166426	0.0509	2.98	2.98	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166426	0.04793	3.01	3.01	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166426	0.04591	2.94	2.94	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166426	0.04381	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166426	0.04181	3.35	3.35	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166426	0.0399	3.92	3.92	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166426	0.03828	3.99	3.99	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166426	0.03669	4.12	4.12	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166446	0.01843	4.03	4.03	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166446	0.01951	3.96	8.39	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166446	0.02073	3.65	8.39	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166446	0.02209	3.6	8.39	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166446	0.02361	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166446	0.02539	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166446	0.02741	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166446	0.03007	3.87	3.87	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166446	0.03409	3.75	3.75	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166446	0.04126	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166446	0.04598	3.83	3.83	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166446	0.05263	3.82	3.82	1.5	ANNUAL	DPM	5
Term131S	552084.8	4166446	0.05391	3.47	3.47	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166446	0.04878	3.21	3.21	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166446	0.0514	3.22	3.22	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166446	0.05384	3.25	3.25	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166446	0.05196	3.12	3.12	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166446	0.05669	2.94	2.94	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166446	0.06484	3.22	3.22	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166446	0.06748	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166446	0.06865	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166446	0.06575	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166446	0.06155	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166446	0.06126	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166446	0.05888	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166446	0.05499	3.09	3.09	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166446	0.0509	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166446	0.04778	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166446	0.04556	2.89	2.89	1.5	ANNUAL	DPM	5

UCART1	552484.8	4166446	0.04327	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166446	0.04131	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166446	0.03972	3.75	3.75	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166446	0.03831	3.86	3.86	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166446	0.03671	4.01	4.01	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166466	0.01828	4.37	4.37	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166466	0.01933	4.91	8.39	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166466	0.02046	5.72	8.39	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166466	0.02186	5.25	8.39	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166466	0.02355	4.08	8.39	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166466	0.0255	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166466	0.02758	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166466	0.03046	3.83	3.83	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166466	0.03471	3.75	3.75	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166466	0.04334	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166466	0.04746	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166466	0.0491	3.73	3.73	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166466	0.04555	3.65	3.65	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166466	0.0415	3.36	3.36	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166466	0.0431	3.34	3.34	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166466	0.0479	3.38	3.38	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166466	0.052	3.27	3.27	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166466	0.05412	3	3	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166466	0.05495	3.18	3.18	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166466	0.05929	3.42	3.42	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166466	0.05953	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552264.8	4166466	0.05938	3.43	3.43	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166466	0.05996	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166466	0.0604	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166466	0.05794	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166466	0.05465	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166466	0.05216	3.25	3.25	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166466	0.04879	3.2	3.2	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166466	0.04651	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166466	0.04397	2.81	2.81	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166466	0.04222	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166466	0.04073	3.61	3.61	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166466	0.03921	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166486	0.0179	4.93	4.93	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166486	0.01891	6.14	8.39	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166486	0.02004	8.08	8.08	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166486	0.02149	7.1	7.1	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166486	0.02334	4.75	7.05	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166486	0.02551	3.32	7.05	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166486	0.02784	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166486	0.03103	3.78	3.78	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166486	0.03591	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166486	0.04299	3.71	3.71	1.5	ANNUAL	DPM	5

UCART1	552044.8	4166486	0.04633	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166486	0.04504	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166486	0.04209	3.86	3.86	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166486	0.03867	3.54	3.54	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166486	0.04115	3.39	3.39	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166486	0.04658	3.4	3.4	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166486	0.05126	3.37	3.37	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166486	0.05404	3.06	3.06	1.5	ANNUAL	DPM	5
Term131S	552204.8	4166486	0.05476	3.06	3.06	1.5	ANNUAL	DPM	5
Term131S	552224.8	4166486	0.05414	3.27	3.27	1.5	ANNUAL	DPM	5
Term131S	552244.8	4166486	0.05693	3.4	3.4	1.5	ANNUAL	DPM	5
Term131S	552264.8	4166486	0.06053	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166486	0.06187	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166486	0.06135	3.56	3.56	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166486	0.05812	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166486	0.05629	3.2	3.2	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166486	0.05672	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166486	0.05326	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166486	0.05032	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166486	0.04749	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166486	0.04566	3.23	3.23	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166486	0.04377	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166486	0.04179	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166506	0.01756	4.76	4.76	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166506	0.01854	5.64	5.64	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166506	0.0197	7	7	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166506	0.02134	5.3	8.39	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166506	0.02328	4.02	7.05	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166506	0.02547	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166506	0.02796	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166506	0.03115	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166506	0.03668	3.49	3.49	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166506	0.03887	3.46	3.46	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166506	0.04056	3.56	3.56	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166506	0.04236	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166506	0.04186	3.47	3.47	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166506	0.04062	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166506	0.03815	3.49	3.49	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166506	0.0395	3.41	3.41	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166506	0.04597	3.37	3.37	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166506	0.05233	3.37	3.37	1.5	ANNUAL	DPM	5
Term131S	552184.8	4166506	0.05728	3.18	3.18	1.5	ANNUAL	DPM	5
Term131S	552264.8	4166506	0.06423	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166506	0.06355	3.34	3.34	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166506	0.06488	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166506	0.06861	3.35	3.35	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166506	0.06998	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166506	0.0683	3.13	3.13	1.5	ANNUAL	DPM	5

UCART1	552444.8	4166506	0.06178	3.17	3.17	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166506	0.05721	3.01	3.01	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166506	0.05338	2.84	2.84	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166506	0.05043	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166506	0.04768	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166506	0.04501	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166526	0.01711	4.47	4.47	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166526	0.01815	5.15	5.15	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166526	0.01943	5.83	5.83	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166526	0.02113	4.58	4.58	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166526	0.02304	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166526	0.02527	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166526	0.02765	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166526	0.03077	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166526	0.03561	3.52	3.52	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166526	0.03688	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166526	0.03789	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166526	0.03806	3.61	3.61	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166526	0.03916	3.47	3.47	1.5	ANNUAL	DPM	5
Term131S	552104.8	4166526	0.03894	3.5	3.5	1.5	ANNUAL	DPM	5
Term131S	552124.8	4166526	0.03975	3.41	3.41	1.5	ANNUAL	DPM	5
Term131S	552144.8	4166526	0.0439	3.34	3.34	1.5	ANNUAL	DPM	5
Term131S	552164.8	4166526	0.05127	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166526	0.05897	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166526	0.09351	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166526	0.10475	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166526	0.09803	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166526	0.07785	3.01	3.01	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166526	0.0688	3	3	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166526	0.06226	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166526	0.05759	2.73	2.73	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166526	0.05366	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166526	0.05006	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166526	0.04388	4.08	4.08	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166546	0.01665	4.12	4.12	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166546	0.01781	4.64	4.64	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166546	0.01915	4.64	4.64	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166546	0.02068	4.55	4.55	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166546	0.02244	4.09	4.09	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166546	0.02447	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166546	0.02663	3.63	3.63	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166546	0.02955	3.65	3.65	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166546	0.03321	3.72	3.72	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166546	0.03381	3.74	3.74	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166546	0.03371	3.8	3.8	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166546	0.03433	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166546	0.03561	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166546	0.05997	3.25	3.25	1.5	ANNUAL	DPM	5

UCART1	552304.8	4166546	0.06834	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166546	0.07681	3.04	3.04	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166546	0.07953	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166546	0.0755	2.82	2.82	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166546	0.06753	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166546	0.06088	2.63	2.63	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166546	0.05683	2.56	2.56	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166546	0.05301	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166546	0.04944	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166546	0.04331	3.87	3.87	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166566	0.01636	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166566	0.0175	3.85	3.85	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166566	0.01873	4.08	4.08	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166566	0.02021	4.2	4.2	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166566	0.02181	3.87	3.87	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166566	0.02347	3.62	3.62	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166566	0.0253	3.6	3.6	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166566	0.02766	3.59	3.59	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166566	0.03062	3.69	3.69	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166566	0.03195	3.64	3.64	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166566	0.03107	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166566	0.03135	3.33	3.33	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166566	0.0327	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166566	0.05836	3.09	3.09	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166566	0.05978	2.93	2.93	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166566	0.05994	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166566	0.06517	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166566	0.05996	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166566	0.05512	2.62	2.62	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166566	0.05219	2.61	2.61	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166566	0.04913	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166566	0.04348	3.81	3.81	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166566	0.04091	3.9	3.9	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166586	0.01717	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166586	0.01825	3.66	3.66	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166586	0.0195	3.82	3.82	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166586	0.02087	3.67	3.67	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166586	0.0223	3.54	3.54	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166586	0.02382	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166586	0.02548	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166586	0.02767	3.51	3.51	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166586	0.02986	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166586	0.02979	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166586	0.02904	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166586	0.02905	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166586	0.03029	3.09	3.09	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166586	0.03331	3.24	3.24	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166586	0.05024	3	3	1.5	ANNUAL	DPM	5

UCART1	552324.8	4166586	0.05134	2.83	2.83	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166586	0.05253	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166586	0.05603	2.73	2.73	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166586	0.05132	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166586	0.04835	2.62	2.62	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166586	0.04633	2.73	2.73	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166586	0.04417	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166586	0.03987	3.86	3.86	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166586	0.03775	3.93	3.93	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166606	0.01478	4.01	4.01	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166606	0.01674	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166606	0.01776	3.38	3.38	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166606	0.01887	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166606	0.01999	3.49	3.49	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166606	0.02112	3.49	3.49	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166606	0.02219	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166606	0.02341	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166606	0.02506	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166606	0.02728	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166606	0.02866	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166606	0.02832	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166606	0.02792	3.26	3.26	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166606	0.02869	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166606	0.03104	3.23	3.23	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166606	0.04616	2.96	2.96	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166606	0.04713	2.71	2.71	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166606	0.05131	2.74	2.74	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166606	0.04921	2.47	2.47	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166606	0.04856	2.54	2.54	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166606	0.04464	2.55	2.55	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166606	0.04253	2.58	2.58	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166606	0.04096	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166606	0.03775	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166606	0.03601	3.86	3.86	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166606	0.03445	3.88	3.88	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166626	0.01449	4.01	4.01	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166626	0.01632	3.04	3.04	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166626	0.01719	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166626	0.01818	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166626	0.01908	3.29	3.29	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166626	0.01988	3.44	3.44	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166626	0.02064	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166626	0.02149	3.11	3.11	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166626	0.02282	2.96	2.96	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166626	0.0246	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166626	0.02691	2.93	2.93	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166626	0.02741	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166626	0.02805	3.28	3.28	1.5	ANNUAL	DPM	5

UCART1	552104.8	4166626	0.0295	3.07	3.07	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166626	0.04516	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166626	0.04484	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166626	0.04482	2.76	2.76	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166626	0.0439	2.45	2.45	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166626	0.04252	2.48	2.48	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166626	0.03946	2.46	2.46	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166626	0.03783	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166626	0.03658	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166626	0.03393	3.37	3.37	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166626	0.0326	3.58	3.58	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166626	0.03126	3.71	3.71	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166646	0.01421	3.84	3.84	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166646	0.01578	3.16	3.16	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166646	0.01663	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166646	0.01738	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166646	0.01807	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166646	0.01862	3.41	3.41	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166646	0.01914	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166646	0.01987	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166646	0.02089	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166646	0.02228	2.97	2.97	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166646	0.02428	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166646	0.02742	2.65	2.65	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166646	0.02741	3.06	3.06	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166646	0.02849	2.94	2.94	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166646	0.03791	2.96	2.96	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166646	0.0384	2.66	2.66	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166646	0.04381	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166646	0.0393	2.44	2.44	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166646	0.03769	2.43	2.43	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166646	0.03503	2.42	2.42	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166646	0.03378	2.79	2.79	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166646	0.03173	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166646	0.0307	3.18	3.18	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166646	0.02958	3.32	3.32	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166646	0.02848	3.55	3.55	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166666	0.0139	3.48	3.48	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166666	0.01523	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166666	0.01595	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166666	0.01655	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166666	0.01705	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166666	0.01744	3.42	3.42	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166666	0.01788	3.36	3.36	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166666	0.01844	3.13	3.13	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166666	0.01914	3.2	3.2	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166666	0.02008	3.19	3.19	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166666	0.02165	3	3	1.5	ANNUAL	DPM	5

UCART1	552064.8	4166666	0.02556	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166666	0.02718	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166666	0.02797	2.86	2.86	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166666	0.03431	3.01	3.01	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166666	0.03521	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166666	0.03487	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166666	0.03468	2.45	2.45	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166666	0.033	2.33	2.33	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166666	0.03129	2.48	2.48	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166666	0.03028	2.95	2.95	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166666	0.02866	3.31	3.31	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166666	0.02785	3.1	3.1	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166666	0.02688	3.4	3.4	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166666	0.02591	3.53	3.53	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166686	0.01352	3.57	3.57	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166686	0.01519	3	3	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166686	0.01565	2.91	2.91	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166686	0.01602	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166686	0.01632	3.22	3.22	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166686	0.01669	3.2	3.2	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166686	0.01716	3.02	3.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166686	0.01773	2.92	2.92	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166686	0.01837	2.97	2.97	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166686	0.01943	2.94	2.94	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166686	0.02087	2.85	2.85	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166686	0.02275	2.78	2.78	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166686	0.02446	2.77	2.77	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166686	0.02571	2.77	2.77	1.5	ANNUAL	DPM	5
Daycare	552124.8	4166686	0.02677	3.02	3.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166686	0.03421	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166686	0.03331	2.57	320.02	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166686	0.03096	2.75	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166686	0.02991	2.54	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166686	0.0287	2.47	320.02	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166686	0.02776	2.66	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166686	0.02644	3.19	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166686	0.02582	3.09	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166686	0.02514	3.08	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166686	0.02438	3.35	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166686	0.02368	3.47	320.02	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166706	0.01301	3.5	3.5	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166706	0.01345	3.66	3.66	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166706	0.01436	3.12	3.12	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166706	0.01469	2.9	2.9	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166706	0.01497	2.94	2.94	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166706	0.01522	3.05	3.05	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166706	0.01557	3.08	3.08	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166706	0.01598	2.92	2.92	1.5	ANNUAL	DPM	5

UCART1	551984.8	4166706	0.01641	2.72	2.72	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166706	0.01684	2.8	2.8	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166706	0.01751	2.89	2.89	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166706	0.01835	2.88	2.88	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166706	0.02127	2.67	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166706	0.02251	2.79	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166706	0.02319	3	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166706	0.02326	2.45	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166706	0.02316	2.46	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166706	0.03142	2.57	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166706	0.02968	2.51	320.02	1.5	ANNUAL	DPM	5
UCART1	552324.8	4166706	0.03038	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552344.8	4166706	0.02925	2.69	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166706	0.02576	2.62	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166706	0.02499	2.71	320.02	1.5	ANNUAL	DPM	5
UCART1	552444.8	4166706	0.02464	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166706	0.02379	2.95	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166706	0.02322	2.88	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166706	0.02266	3.06	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166706	0.02211	3.24	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166706	0.02158	3.38	320.02	1.5	ANNUAL	DPM	5
UCART1	551804.8	4166726	0.01255	3.14	3.14	1.5	ANNUAL	DPM	5
UCART1	551824.8	4166726	0.01288	3.39	3.39	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166726	0.01351	3.28	3.28	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166726	0.01381	2.88	2.88	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166726	0.01404	2.83	2.83	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166726	0.01428	2.98	2.98	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166726	0.01457	3.08	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166726	0.01494	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166726	0.01525	2.85	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166726	0.0156	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166726	0.01601	2.88	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166726	0.01656	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166726	0.01854	2.57	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166726	0.01928	3.06	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166726	0.0199	3.32	320.02	1.5	ANNUAL	DPM	5
Daycare	552144.8	4166726	0.02011	3.15	320.02	1.5	ANNUAL	DPM	5
Daycare	552164.8	4166726	0.02058	2.73	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166726	0.02086	2.47	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166726	0.02191	2.29	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166726	0.02392	2.34	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166726	0.02605	2.41	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166726	0.02575	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166726	0.02337	2.33	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166726	0.02321	2.37	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166726	0.02348	2.54	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166726	0.02241	3.07	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166726	0.02133	2.82	320.02	1.5	ANNUAL	DPM	5

UCART1	552504.8	4166726	0.02091	2.75	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166726	0.02043	2.95	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166726	0.02	3.19	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166726	0.01956	3.2	320.02	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166746	0.01274	3.33	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166746	0.01298	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166746	0.0132	2.72	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166746	0.01343	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166746	0.01368	2.93	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166746	0.01393	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166746	0.01419	2.93	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166746	0.01446	2.84	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166746	0.01473	2.82	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166746	0.0151	2.8	320.02	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166746	0.01633	2.64	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166746	0.017	3.16	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166746	0.01754	3.29	320.02	1.5	ANNUAL	DPM	5
Daycare	552144.8	4166746	0.01796	3.12	320.02	1.5	ANNUAL	DPM	5
Daycare	552164.8	4166746	0.01847	2.82	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166746	0.01932	2.61	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166746	0.02075	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166746	0.02217	2.44	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166746	0.02243	2.44	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166746	0.02121	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166746	0.01971	2.3	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166746	0.01964	2.35	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166746	0.02253	2.61	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166746	0.02123	3.27	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166746	0.01967	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166746	0.01929	2.74	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166746	0.01893	2.76	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166746	0.01849	3.16	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166746	0.01808	3.59	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166746	0.01775	3.44	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166766	0.0118	3.59	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166766	0.0122	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166766	0.01239	2.68	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166766	0.01264	2.71	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166766	0.01284	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166766	0.01303	3.16	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166766	0.01324	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166766	0.01344	2.89	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166766	0.01367	2.81	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166766	0.01396	2.74	320.02	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166766	0.01483	2.73	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166766	0.01528	3.13	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166766	0.01595	3.12	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166766	0.01658	3.02	320.02	1.5	ANNUAL	DPM	5

UCART1	552164.8	4166766	0.01734	2.94	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166766	0.01833	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166766	0.01944	2.75	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166766	0.02011	2.6	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166766	0.01978	2.54	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166766	0.01886	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166766	0.01768	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166766	0.01744	2.4	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166766	0.02112	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166766	0.02033	3.35	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166766	0.01845	2.72	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166766	0.01779	2.69	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166766	0.01723	2.87	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166766	0.01679	3.52	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166766	0.01639	4.2	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166766	0.01611	3.92	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166786	0.01113	3.63	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166786	0.01147	3.02	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166786	0.01168	2.83	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166786	0.01187	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166786	0.01203	3.1	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166786	0.01214	3.46	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166786	0.01236	2.97	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166786	0.01245	3.05	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166786	0.01266	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166786	0.01292	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166786	0.01327	2.8	320.02	1.5	ANNUAL	DPM	5
UCART1	552084.8	4166786	0.01372	2.74	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166786	0.01419	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166786	0.01481	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166786	0.01554	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166786	0.01638	3.05	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166786	0.01728	2.9	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166786	0.018	2.54	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166786	0.01817	2.51	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166786	0.0177	2.59	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166786	0.01697	2.68	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166786	0.01606	2.69	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166786	0.01563	2.52	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166786	0.01776	2.63	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166786	0.01686	2.82	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166786	0.01608	3.25	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166786	0.01551	3.55	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166786	0.01504	3.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166786	0.01475	3.77	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166806	0.01051	3.63	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166806	0.0108	3.38	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166806	0.01098	3.23	320.02	1.5	ANNUAL	DPM	5

UCART1	551924.8	4166806	0.01115	3.22	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166806	0.01128	3.32	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166806	0.01138	3.37	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166806	0.01156	2.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166806	0.01165	3.01	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166806	0.01179	3.02	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166806	0.01203	2.93	320.02	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166806	0.01238	2.83	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166806	0.01334	2.82	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166806	0.01395	2.95	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166806	0.01469	3.08	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166806	0.01539	3.12	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166806	0.01602	3.01	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166806	0.0164	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166806	0.01631	2.52	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166806	0.01593	2.61	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166806	0.0154	2.7	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166806	0.01469	2.73	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166806	0.01422	2.53	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166806	0.01705	3.47	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166806	0.01717	2.98	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166806	0.01673	2.52	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166806	0.01615	2.74	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166806	0.01542	3.17	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166806	0.01473	3.32	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166806	0.01418	3.59	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166806	0.0137	3.52	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166826	0.00995	3.59	320.02	1.5	ANNUAL	DPM	5
UCART1	551884.8	4166826	0.01016	3.73	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166826	0.01032	3.69	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166826	0.01044	3.63	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166826	0.01058	3.52	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166826	0.01071	3.21	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166826	0.01083	2.87	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166826	0.01091	2.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166826	0.01103	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166826	0.01128	2.96	320.02	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166826	0.01165	2.85	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166826	0.01259	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166826	0.0132	3.15	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166826	0.01376	3.18	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166826	0.01433	3.15	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166826	0.0147	3.11	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166826	0.01487	2.58	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166826	0.01469	2.58	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166826	0.01443	2.59	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166826	0.01406	2.61	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166826	0.01352	2.62	320.02	1.5	ANNUAL	DPM	5

UCART1	552304.8	4166826	0.01307	2.45	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166826	0.01523	3.92	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166826	0.01553	2.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166826	0.0155	2.42	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166826	0.01525	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166826	0.01476	2.71	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166826	0.01422	2.86	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166826	0.01361	3.25	320.02	1.5	ANNUAL	DPM	5
UCART1	552564.8	4166826	0.01309	3.18	320.02	1.5	ANNUAL	DPM	5
UCART1	551844.8	4166846	0.00944	3.44	320.02	1.5	ANNUAL	DPM	5
UCART1	551864.8	4166846	0.00954	3.53	320.02	1.5	ANNUAL	DPM	5
UCART1	551904.8	4166846	0.00974	3.96	320.02	1.5	ANNUAL	DPM	5
UCART1	551924.8	4166846	0.00986	3.9	320.02	1.5	ANNUAL	DPM	5
UCART1	551944.8	4166846	0.00996	3.68	320.02	1.5	ANNUAL	DPM	5
UCART1	551964.8	4166846	0.01006	3.42	320.02	1.5	ANNUAL	DPM	5
UCART1	551984.8	4166846	0.01015	3.02	320.02	1.5	ANNUAL	DPM	5
UCART1	552004.8	4166846	0.01026	2.92	320.02	1.5	ANNUAL	DPM	5
UCART1	552024.8	4166846	0.0104	3	320.02	1.5	ANNUAL	DPM	5
UCART1	552044.8	4166846	0.01063	3.02	320.02	1.5	ANNUAL	DPM	5
UCART1	552064.8	4166846	0.01103	2.87	320.02	1.5	ANNUAL	DPM	5
UCART1	552104.8	4166846	0.012	2.67	320.02	1.5	ANNUAL	DPM	5
UCART1	552124.8	4166846	0.01249	2.88	320.02	1.5	ANNUAL	DPM	5
UCART1	552144.8	4166846	0.01293	2.99	320.02	1.5	ANNUAL	DPM	5
UCART1	552164.8	4166846	0.01325	3.05	320.02	1.5	ANNUAL	DPM	5
UCART1	552184.8	4166846	0.01344	3.18	320.02	1.5	ANNUAL	DPM	5
UCART1	552204.8	4166846	0.01347	2.78	320.02	1.5	ANNUAL	DPM	5
UCART1	552224.8	4166846	0.01333	2.62	320.02	1.5	ANNUAL	DPM	5
UCART1	552244.8	4166846	0.01316	2.53	320.02	1.5	ANNUAL	DPM	5
UCART1	552264.8	4166846	0.01289	2.51	320.02	1.5	ANNUAL	DPM	5
UCART1	552284.8	4166846	0.01249	2.5	320.02	1.5	ANNUAL	DPM	5
UCART1	552304.8	4166846	0.01203	2.44	320.02	1.5	ANNUAL	DPM	5
UCART1	552404.8	4166846	0.01392	2.41	320.02	1.5	ANNUAL	DPM	5
UCART1	552424.8	4166846	0.01407	2.58	320.02	1.5	ANNUAL	DPM	5
UCART1	552464.8	4166846	0.01422	2.46	320.02	1.5	ANNUAL	DPM	5
UCART1	552484.8	4166846	0.01411	2.58	320.02	1.5	ANNUAL	DPM	5
UCART1	552504.8	4166846	0.01386	2.79	320.02	1.5	ANNUAL	DPM	5
UCART1	552524.8	4166846	0.01353	2.91	320.02	1.5	ANNUAL	DPM	5
UCART1	552544.8	4166846	0.01312	3.04	320.02	1.5	ANNUAL	DPM	5
UCART2	551904.6	4166869	0.00916	4.03	320.02	1.5	ANNUAL	DPM	5
UCART2	551924.6	4166869	0.00925	4.05	320.02	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166869	0.00932	3.81	320.02	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166869	0.00936	3.53	320.02	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166869	0.00947	3.22	320.02	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166869	0.00959	2.92	320.02	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166869	0.00974	3.02	320.02	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166869	0.00999	3.06	320.02	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166869	0.01038	2.84	320.02	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166869	0.01082	2.67	320.02	1.5	ANNUAL	DPM	5

UCART2	552104.6	4166869	0.01124	2.75	320.02	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166869	0.01161	2.87	320.02	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166869	0.01192	2.96	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166869	0.01209	3.04	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166869	0.01212	3.15	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166869	0.01209	3.03	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166869	0.01201	2.8	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166869	0.01192	2.59	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166869	0.01176	2.47	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166869	0.01143	2.45	320.02	1.5	ANNUAL	DPM	5
UCART2	552304.6	4166869	0.01104	2.45	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166869	0.0121	2.66	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166869	0.01251	2.02	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166869	0.01262	2.48	320.02	1.5	ANNUAL	DPM	5
UCART2	552464.6	4166869	0.01279	2.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166869	0.0128	2.66	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166869	0.01278	2.85	320.02	1.5	ANNUAL	DPM	5
UCART2	552524.6	4166869	0.01263	3.01	320.02	1.5	ANNUAL	DPM	5
UCART2	552544.6	4166869	0.01236	2.99	320.02	1.5	ANNUAL	DPM	5
UCART2	551884.6	4166889	0.00866	3.59	356.4	1.5	ANNUAL	DPM	5
UCART2	551924.6	4166889	0.00874	4.08	320.02	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166889	0.00881	3.83	320.02	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166889	0.00887	3.51	320.02	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166889	0.00894	3.33	320.02	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166889	0.0091	2.95	320.02	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166889	0.00927	3.05	320.02	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166889	0.0095	3.08	320.02	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166889	0.00988	2.83	320.02	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166889	0.01026	2.75	320.02	1.5	ANNUAL	DPM	5
UCART2	552104.6	4166889	0.01057	2.97	320.02	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166889	0.01086	2.99	320.02	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166889	0.01104	3.02	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166889	0.01111	3.08	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166889	0.01113	3.07	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166889	0.01106	3.2	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166889	0.01101	3.02	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166889	0.01095	2.74	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166889	0.01086	2.55	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166889	0.0106	2.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552304.6	4166889	0.01027	2.52	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166889	0.01103	2.72	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166889	0.01138	2.57	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166889	0.01157	2.6	320.02	1.5	ANNUAL	DPM	5
UCART2	552464.6	4166889	0.01176	2.61	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166889	0.01177	2.7	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166889	0.01178	2.88	320.02	1.5	ANNUAL	DPM	5
UCART2	552524.6	4166889	0.01174	3.12	320.02	1.5	ANNUAL	DPM	5
UCART2	551924.6	4166909	0.00831	3.97	356.4	1.5	ANNUAL	DPM	5

UCART2	551944.6	4166909	0.00838	3.62	356.4	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166909	0.00843	3.34	356.4	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166909	0.0085	3.25	356.4	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166909	0.00864	3.13	345.72	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166909	0.00883	3.09	320.02	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166909	0.00909	3.05	320.02	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166909	0.00939	2.99	320.02	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166909	0.00967	2.94	320.02	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166909	0.01016	2.94	320.02	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166909	0.01023	3.07	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166909	0.01026	3.11	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166909	0.01025	3.01	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166909	0.01022	3.1	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166909	0.01014	3.17	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166909	0.0101	3.15	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166909	0.01	3.12	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166909	0.00979	3.08	320.02	1.5	ANNUAL	DPM	5
UCART2	552304.6	4166909	0.00952	2.87	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166909	0.01012	2.72	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166909	0.01041	2.84	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166909	0.01061	2.91	320.02	1.5	ANNUAL	DPM	5
UCART2	552464.6	4166909	0.01082	2.7	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166909	0.01089	2.58	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166909	0.0109	2.79	320.02	1.5	ANNUAL	DPM	5
UCART2	552524.6	4166909	0.01088	3.04	320.02	1.5	ANNUAL	DPM	5
UCART2	551904.6	4166929	0.00787	3.93	356.88	1.5	ANNUAL	DPM	5
UCART2	551924.6	4166929	0.00791	3.89	356.88	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166929	0.00795	3.65	356.88	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166929	0.00801	3.52	356.88	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166929	0.00813	3.22	356.4	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166929	0.00825	3.18	356.4	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166929	0.00843	3.14	356.4	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166929	0.00866	3.08	356.4	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166929	0.0089	3.03	356.4	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166929	0.00912	2.98	320.02	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166929	0.00944	2.95	320.02	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166929	0.0095	3.05	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166929	0.0095	3.11	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166929	0.00947	3.14	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166929	0.00947	3.29	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166929	0.0094	3.4	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166929	0.00936	3.48	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166929	0.00926	3.5	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166929	0.00911	3.43	320.02	1.5	ANNUAL	DPM	5
UCART2	552304.6	4166929	0.00884	3.36	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166929	0.00933	2.77	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166929	0.00962	2.93	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166929	0.00981	3	320.02	1.5	ANNUAL	DPM	5

UCART2	552464.6	4166929	0.01004	2.83	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166929	0.01008	2.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166929	0.01013	2.7	320.02	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166949	0.00758	3.84	356.88	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166949	0.00761	3.8	356.88	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166949	0.00776	3.23	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166949	0.00789	3.19	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166949	0.00804	3.21	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166949	0.00822	3.15	356.4	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166949	0.00845	3.03	356.4	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166949	0.00861	2.97	356.4	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166949	0.00882	2.98	345.72	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166949	0.00882	3.04	320.02	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166949	0.00881	3.11	320.02	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166949	0.00879	3.32	320.02	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166949	0.00877	3.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166949	0.00875	3.63	320.02	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166949	0.00871	3.7	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166949	0.00866	3.64	320.02	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166949	0.0085	3.57	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166949	0.00865	2.84	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166949	0.00892	2.86	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166949	0.00911	2.88	320.02	1.5	ANNUAL	DPM	5
UCART2	552464.6	4166949	0.00933	3.01	320.02	1.5	ANNUAL	DPM	5
UCART2	552484.6	4166949	0.00942	2.53	320.02	1.5	ANNUAL	DPM	5
UCART2	552504.6	4166949	0.00942	2.62	320.02	1.5	ANNUAL	DPM	5
UCART2	551944.6	4166969	0.00721	4.26	356.88	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166969	0.00729	3.85	356.88	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166969	0.0074	3.49	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166969	0.00753	3.35	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166969	0.00766	3.37	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166969	0.0078	3.28	356.88	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166969	0.00797	3.16	356.88	1.5	ANNUAL	DPM	5
UCART2	552084.6	4166969	0.00808	3.3	356.88	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166969	0.00821	3.09	356.4	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166969	0.00821	3.29	356.4	1.5	ANNUAL	DPM	5
UCART2	552164.6	4166969	0.00822	3.24	356.4	1.5	ANNUAL	DPM	5
UCART2	552184.6	4166969	0.00825	2.91	345.72	1.5	ANNUAL	DPM	5
UCART2	552284.6	4166969	0.00815	2.19	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166969	0.008	3.01	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166969	0.00828	3.05	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166969	0.00842	3.54	320.02	1.5	ANNUAL	DPM	5
UCART2	551964.6	4166989	0.00696	4.16	356.88	1.5	ANNUAL	DPM	5
UCART2	551984.6	4166989	0.00708	3.67	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4166989	0.00717	3.5	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4166989	0.00728	3.48	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4166989	0.00741	3.41	356.88	1.5	ANNUAL	DPM	5
UCART2	552064.6	4166989	0.00754	3.34	356.88	1.5	ANNUAL	DPM	5

UCART2	552084.6	4166989	0.00759	3.5	356.88	1.5	ANNUAL	DPM	5
UCART2	552104.6	4166989	0.00765	3.14	356.88	1.5	ANNUAL	DPM	5
UCART2	552124.6	4166989	0.00769	3.09	356.88	1.5	ANNUAL	DPM	5
UCART2	552144.6	4166989	0.00775	2.83	356.88	1.5	ANNUAL	DPM	5
UCART2	552204.6	4166989	0.00784	2.19	356.4	1.5	ANNUAL	DPM	5
UCART2	552224.6	4166989	0.00773	3.33	345.72	1.5	ANNUAL	DPM	5
UCART2	552244.6	4166989	0.00775	3.13	320.02	1.5	ANNUAL	DPM	5
UCART2	552264.6	4166989	0.00777	2.47	320.02	1.5	ANNUAL	DPM	5
UCART2	552364.6	4166989	0.00725	3.32	320.02	1.5	ANNUAL	DPM	5
UCART2	552384.6	4166989	0.00751	2.74	320.02	1.5	ANNUAL	DPM	5
UCART2	552404.6	4166989	0.00771	3.08	320.02	1.5	ANNUAL	DPM	5
UCART2	552424.6	4166989	0.00788	3.48	320.02	1.5	ANNUAL	DPM	5
UCART2	551964.6	4167009	0.00664	4.62	356.88	1.5	ANNUAL	DPM	5
UCART2	551984.6	4167009	0.00675	3.8	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4167009	0.00684	3.64	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4167009	0.00692	3.55	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4167009	0.00702	3.54	356.88	1.5	ANNUAL	DPM	5
UCART2	552064.6	4167009	0.00709	3.56	356.88	1.5	ANNUAL	DPM	5
UCART2	552084.6	4167009	0.00715	3.58	356.88	1.5	ANNUAL	DPM	5
UCART2	552104.6	4167009	0.00715	3.57	356.88	1.5	ANNUAL	DPM	5
UCART2	552184.6	4167009	0.0072	3.64	356.88	1.5	ANNUAL	DPM	5
UCART2	552204.6	4167009	0.00723	3.57	356.4	1.5	ANNUAL	DPM	5
UCART2	552224.6	4167009	0.00724	4.03	356.4	1.5	ANNUAL	DPM	5
UCART2	552244.6	4167009	0.0072	4.2	348.95	1.5	ANNUAL	DPM	5
UCART2	552264.6	4167009	0.00715	4.36	320.02	1.5	ANNUAL	DPM	5
UCART2	551984.6	4167029	0.00643	4.15	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4167029	0.00651	3.82	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4167029	0.00659	3.55	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4167029	0.00666	3.58	356.88	1.5	ANNUAL	DPM	5
UCART2	552064.6	4167029	0.00671	3.56	356.88	1.5	ANNUAL	DPM	5
UCART2	552084.6	4167029	0.0068	2.77	356.88	1.5	ANNUAL	DPM	5
UCART2	552144.6	4167029	0.00679	3.29	356.88	1.5	ANNUAL	DPM	5
UCART2	552164.6	4167029	0.00684	3.03	356.88	1.5	ANNUAL	DPM	5
UCART2	552184.6	4167029	0.00678	3.98	356.88	1.5	ANNUAL	DPM	5
UCART2	552204.6	4167029	0.00681	3.96	356.88	1.5	ANNUAL	DPM	5
UCART2	552224.6	4167029	0.00682	3.93	356.88	1.5	ANNUAL	DPM	5
UCART2	552244.6	4167029	0.00682	4.07	356.4	1.5	ANNUAL	DPM	5
UCART2	551984.6	4167049	0.00611	4.63	356.88	1.5	ANNUAL	DPM	5
UCART2	552004.6	4167049	0.0062	3.92	356.88	1.5	ANNUAL	DPM	5
UCART2	552024.6	4167049	0.00626	3.36	356.88	1.5	ANNUAL	DPM	5
UCART2	552044.6	4167049	0.00636	3.04	356.88	1.5	ANNUAL	DPM	5
UCART2	552064.6	4167049	0.0064	2.79	356.88	1.5	ANNUAL	DPM	5
UCART2	552144.6	4167049	0.00638	3.84	356.88	1.5	ANNUAL	DPM	5
UCART2	552164.6	4167049	0.00642	3.61	356.88	1.5	ANNUAL	DPM	5
UCART2	552184.6	4167049	0.00641	4.13	356.88	1.5	ANNUAL	DPM	5
UCART2	552204.6	4167049	0.00643	4.14	356.88	1.5	ANNUAL	DPM	5
UCART2	552224.6	4167049	0.00648	3.85	356.88	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166487	0.05458	3.19	3.19	1.5	ANNUAL	DPM	5

131NORTH	552198.8	4166507	0.05943	3.07	3.07	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166507	0.05995	3.13	3.13	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166507	0.05967	3.38	3.38	1.5	ANNUAL	DPM	5
131NORTH	552178.8	4166527	0.05617	3.23	3.23	1.5	ANNUAL	DPM	5
131NORTH	552198.8	4166527	0.06067	3.02	3.02	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166527	0.06357	3.03	3.03	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166527	0.06441	3.27	3.27	1.5	ANNUAL	DPM	5
131NORTH	552258.8	4166527	0.06578	3.43	3.43	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166527	0.05994	3.31	3.31	1.5	ANNUAL	DPM	5
131NORTH	552098.8	4166547	0.03751	3.59	3.59	1.5	ANNUAL	DPM	5
131NORTH	552118.8	4166547	0.03956	3.44	3.44	1.5	ANNUAL	DPM	5
131NORTH	552138.8	4166547	0.04224	3.32	3.32	1.5	ANNUAL	DPM	5
131NORTH	552158.8	4166547	0.04687	3.3	3.3	1.5	ANNUAL	DPM	5
131NORTH	552178.8	4166547	0.05327	3.14	3.14	1.5	ANNUAL	DPM	5
131NORTH	552198.8	4166547	0.05862	2.93	2.93	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166547	0.06254	2.9	2.9	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166547	0.06467	3.08	3.08	1.5	ANNUAL	DPM	5
131NORTH	552258.8	4166547	0.0636	3.28	3.28	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166547	0.0596	3.25	3.25	1.5	ANNUAL	DPM	5
131NORTH	552118.8	4166567	0.03847	3.35	3.35	1.5	ANNUAL	DPM	5
131NORTH	552138.8	4166567	0.04219	3.24	3.24	1.5	ANNUAL	DPM	5
131NORTH	552158.8	4166567	0.04561	3.17	3.17	1.5	ANNUAL	DPM	5
131NORTH	552178.8	4166567	0.04972	3.12	3.12	1.5	ANNUAL	DPM	5
131NORTH	552198.8	4166567	0.05483	2.96	2.96	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166567	0.0589	2.85	2.85	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166567	0.06098	2.91	2.91	1.5	ANNUAL	DPM	5
131NORTH	552258.8	4166567	0.05762	3.13	3.13	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166567	0.05463	3.13	3.13	1.5	ANNUAL	DPM	5
131NORTH	552118.8	4166587	0.03586	3.27	3.27	1.5	ANNUAL	DPM	5
131NORTH	552138.8	4166587	0.04022	3.21	3.21	1.5	ANNUAL	DPM	5
131NORTH	552158.8	4166587	0.04506	3.06	3.06	1.5	ANNUAL	DPM	5
131NORTH	552178.8	4166587	0.04758	3.06	3.06	1.5	ANNUAL	DPM	5
131NORTH	552198.8	4166587	0.05105	2.95	2.95	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166587	0.05491	2.81	2.81	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166587	0.05429	2.79	2.79	1.5	ANNUAL	DPM	5
131NORTH	552258.8	4166587	0.05138	2.95	2.95	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166587	0.04946	2.99	2.99	1.5	ANNUAL	DPM	5
131NORTH	552118.8	4166607	0.03349	3.18	3.18	1.5	ANNUAL	DPM	5
131NORTH	552138.8	4166607	0.03755	3.22	3.22	1.5	ANNUAL	DPM	5
131NORTH	552158.8	4166607	0.04138	2.98	2.98	1.5	ANNUAL	DPM	5
131NORTH	552178.8	4166607	0.04498	2.94	2.94	1.5	ANNUAL	DPM	5
131NORTH	552198.8	4166607	0.04698	2.88	2.88	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166607	0.04719	2.79	2.79	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166607	0.0478	2.71	2.71	1.5	ANNUAL	DPM	5
131NORTH	552258.8	4166607	0.04868	2.72	2.72	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166607	0.04852	2.84	2.84	1.5	ANNUAL	DPM	5
131NORTH	552118.8	4166627	0.03085	3.09	3.09	1.5	ANNUAL	DPM	5
131NORTH	552138.8	4166627	0.03356	3.22	3.22	1.5	ANNUAL	DPM	5

131NORTH	552158.8	4166627	0.03617	3	3	1.5	ANNUAL	DPM	5
131NORTH	552178.8	4166627	0.03816	2.88	2.88	1.5	ANNUAL	DPM	5
131NORTH	552198.8	4166627	0.04037	2.71	2.71	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166627	0.04188	2.64	2.64	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166627	0.04273	2.7	2.7	1.5	ANNUAL	DPM	5
131NORTH	552258.8	4166627	0.04309	2.74	2.74	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166627	0.04444	2.86	2.86	1.5	ANNUAL	DPM	5
131NORTH	552298.8	4166627	0.04521	2.93	2.93	1.5	ANNUAL	DPM	5
131NORTH	552118.8	4166647	0.02906	3.03	3.03	1.5	ANNUAL	DPM	5
131NORTH	552138.8	4166647	0.03066	3.24	3.24	1.5	ANNUAL	DPM	5
131NORTH	552158.8	4166647	0.03249	2.98	2.98	1.5	ANNUAL	DPM	5
131NORTH	552178.8	4166647	0.03354	2.85	2.85	1.5	ANNUAL	DPM	5
131NORTH	552198.8	4166647	0.03455	2.64	2.64	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166647	0.0358	2.59	2.59	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166647	0.03684	2.71	2.71	1.5	ANNUAL	DPM	5
131NORTH	552258.8	4166647	0.03788	2.79	2.79	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166647	0.03625	2.88	2.88	1.5	ANNUAL	DPM	5
131NORTH	552298.8	4166647	0.03742	2.95	2.95	1.5	ANNUAL	DPM	5
131NORTH	552138.8	4166667	0.02776	3.26	3.26	1.5	ANNUAL	DPM	5
131NORTH	552158.8	4166667	0.0281	2.87	2.87	1.5	ANNUAL	DPM	5
131NORTH	552178.8	4166667	0.0286	2.9	2.9	1.5	ANNUAL	DPM	5
131NORTH	552198.8	4166667	0.02872	2.75	2.75	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166667	0.02961	2.68	2.68	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166667	0.03086	2.74	2.74	1.5	ANNUAL	DPM	5
131NORTH	552258.8	4166667	0.03257	2.83	2.83	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166667	0.03272	2.89	2.89	1.5	ANNUAL	DPM	5
Daycare	552138.8	4166687	0.02666	3.11	3.11	1.5	ANNUAL	DPM	5
Daycare	552158.8	4166687	0.02597	2.81	2.81	1.5	ANNUAL	DPM	5
Daycare	552178.8	4166687	0.02531	2.68	2.68	1.5	ANNUAL	DPM	5
131NORTH	552198.8	4166687	0.02541	2.61	320.02	1.5	ANNUAL	DPM	5
131NORTH	552218.8	4166687	0.02585	2.62	320.02	1.5	ANNUAL	DPM	5
131NORTH	552238.8	4166687	0.02877	2.67	320.02	1.5	ANNUAL	DPM	5
131NORTH	552258.8	4166687	0.03442	2.71	320.02	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166687	0.03156	2.75	320.02	1.5	ANNUAL	DPM	5
Daycare	552142.4	4166706	0.02361	3.02	320.02	1.5	ANNUAL	DPM	5
Daycare	552158.8	4166707	0.02332	2.78	320.02	1.5	ANNUAL	DPM	5
131NORTH	552278.8	4166707	0.02964	2.57	320.02	1.5	ANNUAL	DPM	5
Daycare	552158.8	4166727	0.02035	2.81	320.02	1.5	ANNUAL	DPM	5
Daycare	552158.8	4166747	0.01827	2.89	320.02	1.5	ANNUAL	DPM	5

Cumulative Impacts @ Max Cancer Worker[a]					
Location	**Cancer Risk Impact (per million)**	**Chronic Non-Cancer Hazard Index (unitless)**	**Acute Non-Cancer Hazard Index (unitless)**	**Annual PM2.5 Concentration (µg/m3)**	
Existing Sources					
Stationary Source	7	0.01	0.000	8.73	<- from BAAQMD stationary source
Roadway Source	13	0.05	0.000	0.35	<- from raster data
Rail Source	13	0.00	0.000	0.02	<- from raster data
Total	33	0.06	0.000	9.09	
Unmitigated Project Construction & Operation	10	0.10	0.009	0.40	<- from project HRA
Total cumulative	43	0.15	0.009	9.49	<- sum
BAAQMD threshold	100	10	10	0.8	
Exceeds threshold?	No	No	No	Yes	

STATIONARY

Facililty	Address	Facility Number	Cancer Risk	Chronic Hazard Index	PM2.5	Distance to Receptor
Granite Rock Company	1321 Lowrie Avenue	1579	0.399	0.003	14.619	>1000 feet
Central Concrete Supply Inc	1305 San Mateo Avenue	1918	0	0	51.559	>1000 feet
A Silvestri Corp	149 So Linden Avenue	8362	0	0	0	>1000 feet
Corporate Identity Systems	1342 San Mateo Avenue	10640	0	0.001	0	621
City of SSF Water Quality Plant	235 Shaw Road	13867	12.198	0.019	0.016	438
Verizon Wireless- San Bruno City	212 Shaw Road	16279	0.79	0.001	0.001	977
Grace Body Shop	1379 San Mateo Avenue	18053	0	0	0	>1000 feet
Royal Auto Limo Repair Inc	1331 San Mateo Ave	18511	0	0	0	947
248 Petroleum Inc	248 S Airport Blvd	103278	9.668	0.042	0	>1000 feet
Southern Counties Oil Company LP	140 Produce Ave	112543	14.247	0.062	0	>1000 feet
Valero	300 S Airport Blvd	112594	32.288	0.14	0	>1000 feet

Note: Health risks from existing stationary facilities within 1,000 feet of the project site but more than 1,000 feet from the maximum affected receptor were included, conservatively assuming a distance of 918.6 feet for generators and 984.3 f

screening map

Cancer Risk	Chronic Hazard Index	PM2.5
0.0525669	0.00039524	1.926
0	0	6.79272
0	0	0
0	0.000280192	0
1.8297	0.00285	0.0024
0.1185	0.00015	0.00015
0.01404	0	0
0.15464	0.00004	0.0002
0.6556	0.00016	0.00088
0.096	0.0002	0.00012
3.87904	0.00116	0.0052

feet for non-generators, the maximum distances for which BAAQMD provides a multiplier (BAAQMD 2024 Health Risk Calculator with Distance Multipliers).

Cumulative Impacts @ Max PM2.5 Worker[a]					
Location	**Cancer Risk Impact (per million)**	**Chronic Non-Cancer Hazard Index (unitless)**	**Acute Non-Cancer Hazard Index (unitless)**	**Annual PM2.5 Concentration (µg/m3)**	
Existing Sources					
Stationary Source	8	0.03	0.000	8.72	<- from BAAQMD stationary source
Roadway Source	24	0.09	0.000	0.71	<- from raster data
Rail Source	14	0.00	0.000	0.02	<- from raster data
Total	46	0.13	0.000	9.45	
Unmitigated Project Construction & Operation	5	0.10	0.009	0.49	<- from project HRA
Total cumulative	51	0.23	0.009	9.94	<- sum
BAAQMD threshold	100	10	10	0.8	
Exceeds threshold?	No	No	No	Yes	

STATIONARY

Facililty	Address	Facility Number	Cancer Risk	Chronic Hazard Index	PM2.5	Distance to Receptor
Granite Rock Company	1321 Lowrie Avenue	1579	0.399	0.003	14.619	>1000 feet
Central Concrete Supply Inc	1305 San Mateo Avenue	1918	0	0	51.559	>1000 feet
A Silvestri Corp	149 So Linden Avenue	8362	0	0	0	>1000 feet
Corporate Identity Systems	1342 San Mateo Avenue	10640	0	0.001	0	599
City of SSF Water Quality Plant	235 Shaw Road	13867	12.198	0.019	0.016	838
Verizon Wireless- San Bruno City	212 Shaw Road	16279	0.79	0.001	0.001	>1000 feet
Grace Body Shop	1379 San Mateo Avenue	18053	0	0	0	895
Royal Auto Limo Repair Inc	1331 San Mateo Ave	18511	0	0	0	994
248 Petroleum Inc	248 S Airport Blvd	103278	9.668	0.042	0	>1000 feet
Southern Counties Oil Company LP	140 Produce Ave	112543	14.247	0.062	0	>1000 feet
Valero	300 S Airport Blvd	112594	32.288	0.14	0	990

Note: Health risks from existing stationary facilities within 1,000 feet of the project site but more than 1,000 feet from the maximum affected receptor were included, conservatively assuming a distance of 918.6 feet for generators and 984.3 f

screening map

Cancer Risk	Chronic Hazard Index	PM2.5
0.0525669	0.00039524	1.926
0	0	6.79272
0	0	0
0	0.000289537	0
0.73188	0.00114	0.00096
0.0316	0.00004	0.00004
0.00035	0	0
0.01404	0	0
1.2737261	0.005533357	0
1.8769938	0.008168289	0
4.2538342	0.018444524	0

feet for non-generators, the maximum distances for which BAAQMD provides a multiplier (BAAQMD 2024 Health Risk Calculator with Distance Multipliers).

Cumulative Impacts @ Max Cancer Daycare[a]					
Location	**Cancer Risk Impact (per million)**	**Chronic Non-Cancer Hazard Index (unitless)**	**Acute Non-Cancer Hazard Index (unitless)**	**Annual PM2.5 Concentration (µg/m3)**	
Existing Sources					
Stationary Source	9	0.04	0.000	9.30	<- from BAAQMD stationary source
Roadway Source	9	0.03	0.000	0.21	<- from raster data
Rail Source	18	0.00	0.000	0.02	<- from raster data
Total	36	0.07	0.000	9.53	
Unmitigated Project Construction & Operation	3	0.01	0.006	0.06	<- from project HRA
Total cumulative	39	0.09	0.006	9.59	<- sum
BAAQMD threshold	100	10	10	0.8	
Exceeds threshold?	No	No	No	Yes	

STATIONARY

Facililty	Address	Facility Number	Cancer Risk	Chronic Hazard Index	PM2.5	Distance to Receptor
Granite Rock Company	1321 Lowrie Avenue	1579	0.399	0.003	14.619	860
Central Concrete Supply Inc	1305 San Mateo Avenue	1918	0	0	51.559	>1000 feet
A Silvestri Corp	149 So Linden Avenue	8362	0	0	0	>1000 feet
Corporate Identity Systems	1342 San Mateo Avenue	10640	0	0.001	0	797
City of SSF Water Quality Plant	235 Shaw Road	13867	12.198	0.019	0.016	>1000 feet
Verizon Wireless- San Bruno City	212 Shaw Road	16279	0.79	0.001	0.001	>1000 feet
Grace Body Shop	1379 San Mateo Avenue	18053	0	0	0	412
Royal Auto Limo Repair Inc	1331 San Mateo Ave	18511	0	0	0	>1000 feet
248 Petroleum Inc	248 S Airport Blvd	103278	9.668	0.042	0	>1000 feet
Southern Counties Oil Company LP	140 Produce Ave	112543	14.247	0.062	0	871
Valero	300 S Airport Blvd	112594	32.288	0.14	0	946

Note: Health risks from existing stationary facilities within 1,000 feet of the project site but more than 1,000 feet from the maximum affected receptor were included, conservatively assuming a distance of 918.6 feet for generators and 984.3 f

screening map

Cancer Risk	Chronic Hazard Index	PM2.5
0.068344	0.000513865	2.50406
0	0	6.79272
0	0	0
0	0.000195309	0
0.48792	0.00076	0.00064
0.0316	0.00004	0.00004
0.00035	0	0
0.01404	0	0
1.2737261	0.005533357	0
2.3615785	0.010277102	0
4.6938162	0.020352275	0

feet for non-generators, the maximum distances for which BAAQMD provides a multiplier (BAAQMD 2024 Health Risk Calculator with Distance Multipliers).

Cumulative Impacts @ Max PM2.5 Daycare[a]					
Location	**Cancer Risk Impact (per million)**	**Chronic Non-Cancer Hazard Index (unitless)**	**Acute Non-Cancer Hazard Index (unitless)**	**Annual PM2.5 Concentration (µg/m3)**	
Existing Sources					
Stationary Source	11	0.05	0.000	8.72	<- from BAAQMD stationary source
Roadway Source	9	0.03	0.000	0.24	<- from raster data
Rail Source	18	0.00	0.000	0.02	<- from raster data
Total	39	0.09	0.000	8.98	
Unmitigated Project Construction & Operation	3	0.01	0.006	0.07	<- from project HRA
Total cumulative	42	0.10	0.006	9.05	<- sum
BAAQMD threshold	100	10	10	0.8	
Exceeds threshold?	No	No	No	Yes	

STATIONARY

Facililty	Address	Facility Number	Cancer Risk	Chronic Hazard Index	PM2.5	Distance to Receptor
Granite Rock Company	1321 Lowrie Avenue	1579	0.399	0.003	14.619	>1000 feet
Central Concrete Supply Inc	1305 San Mateo Avenue	1918	0	0	51.559	>1000 feet
A Silvestri Corp	149 So Linden Avenue	8362	0	0	0	>1000 feet
Corporate Identity Systems	1342 San Mateo Avenue	10640	0	0.001	0	846
City of SSF Water Quality Plant	235 Shaw Road	13867	12.198	0.019	0.016	>1000 feet
Verizon Wireless- San Bruno City	212 Shaw Road	16279	0.79	0.001	0.001	>1000 feet
Grace Body Shop	1379 San Mateo Avenue	18053	0	0	0	560
Royal Auto Limo Repair Inc	1331 San Mateo Ave	18511	0	0	0	>1000 feet
248 Petroleum Inc	248 S Airport Blvd	103278	9.668	0.042	0	982
Southern Counties Oil Company LP	140 Produce Ave	112543	14.247	0.062	0	787
Valero	300 S Airport Blvd	112594	32.288	0.14	0	771

Note: Health risks from existing stationary facilities within 1,000 feet of the project site but more than 1,000 feet from the maximum affected receptor were included, conservatively assuming a distance of 918.6 feet for generators and 984.3 f

screening map

Cancer Risk	Chronic Hazard Index	PM2.5
0.0525669	0.00039524	1.926
0	0	6.79272
0	0	0
0	0.000177001	0
0.48792	0.00076	0.00064
0.0316	0.00004	0.00004
0.00035	0	0
0.01404	0	0
1.3162081	0.005717909	0
2.7825624	0.012109137	0
6.5164512	0.028255177	0

feet for non-generators, the maximum distances for which BAAQMD provides a multiplier (BAAQMD 2024 Health Risk Calculator with Distance Multipliers).

Cumulative Impacts @ Max PM2.5 Daycare[a]					
Location	**Cancer Risk Impact (per million)**	**Chronic Non-Cancer Hazard Index (unitless)**	**Acute Non-Cancer Hazard Index (unitless)**	**Annual PM2.5 Concentration (µg/m3)**	
Existing Sources					
Stationary Source	11	0.05	0.000	8.72	<- from BAAQMD stationary source
Roadway Source	9	0.03	0.000	0.24	<- from raster data
Rail Source	18	0.00	0.000	0.02	<- from raster data
Total	39	0.09	0.000	8.98	
Mitigated Project Construction & Operation	3	0.01	0.006	0.07	<- from project HRA
Total cumulative	42	0.10	0.006	9.05	<- sum
BAAQMD threshold	100	10	10	0.8	
Exceeds threshold?	No	No	No	Yes	

STATIONARY

Facililty	Address	Facility Number	Cancer Risk	Chronic Hazard Index	PM2.5	Distance to Receptor
Granite Rock Company	1321 Lowrie Avenue	1579	0.399	0.003	14.619	>1000 feet
Central Concrete Supply Inc	1305 San Mateo Avenue	1918	0	0	51.559	>1000 feet
A Silvestri Corp	149 So Linden Avenue	8362	0	0	0	>1000 feet
Corporate Identity Systems	1342 San Mateo Avenue	10640	0	0.001	0	846
City of SSF Water Quality Plant	235 Shaw Road	13867	12.198	0.019	0.016	>1000 feet
Verizon Wireless- San Bruno City	212 Shaw Road	16279	0.79	0.001	0.001	>1000 feet
Grace Body Shop	1379 San Mateo Avenue	18053	0	0	0	560
Royal Auto Limo Repair Inc	1331 San Mateo Ave	18511	0	0	0	>1000 feet
248 Petroleum Inc	248 S Airport Blvd	103278	9.668	0.042	0	982
Southern Counties Oil Company LP	140 Produce Ave	112543	14.247	0.062	0	787
Valero	300 S Airport Blvd	112594	32.288	0.14	0	771

Note: Health risks from existing stationary facilities within 1,000 feet of the project site but more than 1,000 feet from the maximum affected receptor were included, conservatively assuming a distance of 918.6 feet for generators and 984.3 f

screening map

Cancer Risk	Chronic Hazard Index	PM2.5
0.0525669	0.00039524	1.926
0	0	6.79272
0	0	0
0	0.000177001	0
0.48792	0.00076	0.00064
0.0316	0.00004	0.00004
0.00035	0	0
0.01404	0	0
1.3162081	0.005717909	0
2.7825624	0.012109137	0
6.5164512	0.028255177	0

feet for non-generators, the maximum distances for which BAAQMD provides a multiplier (BAAQMD 2024 Health Risk Calculator with Distance Multipliers).

Cumulative Impacts @ Max Cancer Worker[a]					
Location	**Cancer Risk Impact (per million)**	**Chronic Non-Cancer Hazard Index (unitless)**	**Acute Non-Cancer Hazard Index (unitless)**	**Annual PM2.5 Concentration (µg/m3)**	
Existing Sources					
Stationary Source	7	0.01	0.000	8.73	<- from BAAQMD stationary source
Roadway Source	13	0.05	0.000	0.35	<- from raster data
Rail Source	13	0.00	0.000	0.02	<- from raster data
Total	33	0.06	0.000	9.09	
Mitigated Project Construction & Operation	10	0.10	0.009	0.31	<- from project HRA
Total cumulative	43	0.15	0.009	9.40	<- sum
BAAQMD threshold	100	10	10	0.8	
Exceeds threshold?	No	No	No	Yes	

STATIONARY

Facililty	Address	Facility Number	Cancer Risk	Chronic Hazard Index	PM2.5	Distance to Receptor
Granite Rock Company	1321 Lowrie Avenue	1579	0.399	0.003	14.619	>1000 feet
Central Concrete Supply Inc	1305 San Mateo Avenue	1918	0	0	51.559	>1000 feet
A Silvestri Corp	149 So Linden Avenue	8362	0	0	0	>1000 feet
Corporate Identity Systems	1342 San Mateo Avenue	10640	0	0.001	0	621
City of SSF Water Quality Plant	235 Shaw Road	13867	12.198	0.019	0.016	438
Verizon Wireless- San Bruno City	212 Shaw Road	16279	0.79	0.001	0.001	977
Grace Body Shop	1379 San Mateo Avenue	18053	0	0	0	>1000 feet
Royal Auto Limo Repair Inc	1331 San Mateo Ave	18511	0	0	0	947
248 Petroleum Inc	248 S Airport Blvd	103278	9.668	0.042	0	>1000 feet
Southern Counties Oil Company LP	140 Produce Ave	112543	14.247	0.062	0	>1000 feet
Valero	300 S Airport Blvd	112594	32.288	0.14	0	>1000 feet

Note: Health risks from existing stationary facilities within 1,000 feet of the project site but more than 1,000 feet from the maximum affected receptor were included, conservatively assuming a distance of 918.6 feet for generators and 984.3 f

screening map

Cancer Risk	Chronic Hazard Index	PM2.5
0.0525669	0.00039524	1.926
0	0	6.79272
0	0	0
0	0.000280192	0
1.8297	0.00285	0.0024
0.1185	0.00015	0.00015
0.01404	0	0
0.15464	0.00004	0.0002
0.6556	0.00016	0.00088
0.096	0.0002	0.00012
3.87904	0.00116	0.0052

feet for non-generators, the maximum distances for which BAAQMD provides a multiplier (BAAQMD 2024 Health Risk Calculator with Distance Multipliers).

Cumulative Impacts @ Max PM2.5 Worker[a]					
Location	**Cancer Risk Impact (per million)**	**Chronic Non-Cancer Hazard Index (unitless)**	**Acute Non-Cancer Hazard Index (unitless)**	**Annual PM2.5 Concentration (µg/m3)**	
Existing Sources					
Stationary Source	8	0.03	0.000	8.72	<- from BAAQMD stationary source
Roadway Source	24	0.09	0.000	0.71	<- from raster data
Rail Source	14	0.00	0.000	0.02	<- from raster data
Total	46	0.13	0.000	9.45	
Mitigated Project Construction & Operation	2	0.01	0.009	0.46	<- from project HRA
Total cumulative	48	0.14	0.009	9.91	<- sum
BAAQMD threshold	100	10	10	0.8	
Exceeds threshold?	No	No	No	Yes	

STATIONARY

Facililty	Address	Facility Number	Cancer Risk	Chronic Hazard Index	PM2.5	Distance to Receptor
Granite Rock Company	1321 Lowrie Avenue	1579	0.399	0.003	14.619	>1000 feet
Central Concrete Supply Inc	1305 San Mateo Avenue	1918	0	0	51.559	>1000 feet
A Silvestri Corp	149 So Linden Avenue	8362	0	0	0	>1000 feet
Corporate Identity Systems	1342 San Mateo Avenue	10640	0	0.001	0	599
City of SSF Water Quality Plant	235 Shaw Road	13867	12.198	0.019	0.016	838
Verizon Wireless- San Bruno City	212 Shaw Road	16279	0.79	0.001	0.001	>1000 feet
Grace Body Shop	1379 San Mateo Avenue	18053	0	0	0	895
Royal Auto Limo Repair Inc	1331 San Mateo Ave	18511	0	0	0	994
248 Petroleum Inc	248 S Airport Blvd	103278	9.668	0.042	0	>1000 feet
Southern Counties Oil Company LP	140 Produce Ave	112543	14.247	0.062	0	>1000 feet
Valero	300 S Airport Blvd	112594	32.288	0.14	0	990

Note: Health risks from existing stationary facilities within 1,000 feet of the project site but more than 1,000 feet from the maximum affected receptor were included, conservatively assuming a distance of 918.6 feet for generators and 984.3 f

screening map

Cancer Risk	Chronic Hazard Index	PM2.5
0.0525669	0.00039524	1.926
0	0	6.79272
0	0	0
0	0.000289537	0
0.73188	0.00114	0.00096
0.0316	0.00004	0.00004
0.00035	0	0
0.01404	0	0
1.2737261	0.005533357	0
1.8769938	0.008168289	0
4.2538342	0.018444524	0

feet for non-generators, the maximum distances for which BAAQMD provides a multiplier (BAAQMD 2024 Health Risk Calculator with Distance Multipliers).

Cumulative Impacts @ Max Cancer Daycare[a]					
Location	**Cancer Risk Impact (per million)**	**Chronic Non-Cancer Hazard Index (unitless)**	**Acute Non-Cancer Hazard Index (unitless)**	**Annual PM2.5 Concentration (µg/m3)**	
Existing Sources					
Stationary Source	9	0.04	0.000	9.30	<- from BAAQMD stationary source
Roadway Source	9	0.03	0.000	0.21	<- from raster data
Rail Source	18	0.00	0.000	0.02	<- from raster data
Total	36	0.07	0.000	9.53	
Mitigated Project Construction & Operation	3	0.01	0.006	0.06	<- from project HRA
Total cumulative	39	0.09	0.006	9.59	<- sum
BAAQMD threshold	100	10	10	0.8	
Exceeds threshold?	No	No	No	Yes	

STATIONARY

Facililty	Address	Facility Number	Cancer Risk	Chronic Hazard Index	PM2.5	Distance to Receptor
Granite Rock Company	1321 Lowrie Avenue	1579	0.399	0.003	14.619	860
Central Concrete Supply Inc	1305 San Mateo Avenue	1918	0	0	51.559	>1000 feet
A Silvestri Corp	149 So Linden Avenue	8362	0	0	0	>1000 feet
Corporate Identity Systems	1342 San Mateo Avenue	10640	0	0.001	0	797
City of SSF Water Quality Plant	235 Shaw Road	13867	12.198	0.019	0.016	>1000 feet
Verizon Wireless- San Bruno City	212 Shaw Road	16279	0.79	0.001	0.001	>1000 feet
Grace Body Shop	1379 San Mateo Avenue	18053	0	0	0	412
Royal Auto Limo Repair Inc	1331 San Mateo Ave	18511	0	0	0	>1000 feet
248 Petroleum Inc	248 S Airport Blvd	103278	9.668	0.042	0	>1000 feet
Southern Counties Oil Company LP	140 Produce Ave	112543	14.247	0.062	0	871
Valero	300 S Airport Blvd	112594	32.288	0.14	0	946

Note: Health risks from existing stationary facilities within 1,000 feet of the project site but more than 1,000 feet from the maximum affected receptor were included, conservatively assuming a distance of 918.6 feet for generators and 984.3 f

screening map

Cancer Risk	Chronic Hazard Index	PM2.5
0.068344	0.000513865	2.50406
0	0	6.79272
0	0	0
0	0.000195309	0
0.48792	0.00076	0.00064
0.0316	0.00004	0.00004
0.00035	0	0
0.01404	0	0
1.2737261	0.005533357	0
2.3615785	0.010277102	0
4.6938162	0.020352275	0

feet for non-generators, the maximum distances for which BAAQMD provides a multiplier (BAAQMD 2024 Health Risk Calculator with Distance Multipliers).

AERMOD Input and HARP Input and Output Files Available Upon Request

Appendix E:

Built-Environment Resources Study

Memorandum

To:	Billy Gross, Principal Planner, City of South San Francisco Economic and Community Development Department
From:	Christine Cruiess, Senior Historic Preservation Specialist, ICF Nicole Felicetti, Historic Preservation Specialist, ICF
Date:	January 17, 2024
Re:	**Final Built-Environment Resources Preliminary Study for the Infinite 131 Project**

The proposed Infinite 131 Project (proposed project) in South San Francisco, California, is subject to the State of California (State) environmental review requirements, pursuant to the California Environmental Quality Act (CEQA). The City of South San Francisco (City) will serve as the lead agency. ICF prepared this technical memorandum to 1) identify cultural resources that may meet the CEQA definition of a historical resource (California Public Resources Code [PRC] Section 21084.1) and may be affected by development on the project site, 2) evaluate project impacts, and 3) recommend mitigation or additional studies to address potential impacts to such resources, if needed.

Project Location and Description

The 17.67-acre project site comprises one parcel (assessor's parcel number [APN] 015-113-210) in the southeastern portion of the City within Township 3 South, Range 5 West, of the Mount Diablo Base Line and Meridian, as depicted on the U.S. Geological Survey (USGS) San Francisco South 7.5-minute quadrangle map (Bock & Clark 2018:10; ParcelQuest 2023) (Attachment A: Figures, Figure 1).

The project site is approximately 6 feet above mean sea level and relatively level, with a low area slope to the south-southeast. Currently, the project site is occupied by the Golden Gate Produce Terminal, a produce market facility constructed in 1962, and associated surface parking. The Golden Gate Produce Terminal consists of approximately 126,750 square feet (sf) of industrial, operational space between two buildings of vendor stalls and ancillary buildings, and 116,572 sf of open-air structures, including the loading docks and utility features. The project site outside the existing

building footprints comprises asphalt and concrete paving, with minimal surrounding landscaping. The project site is adjacent to and separated by a chain-link fence from 101 Terminal Court surface parking and ancillary buildings. Based on the context of the project site, within a heavily developed industrial area of South San Francisco and adjacent to U.S. Highway (US) 101, the proposed project has little potential for visual or auditory effects on adjacent properties. Therefore, the study area is restricted to the project site.

The proposed project entails the demolition of existing buildings, surface parking, and limited border landscaping, followed by the construction of approximately 1,632,000 sf of new life sciences and research-and-development office uses and approximately 72,050 sf of amenity uses in seven buildings, ranging from one to six stories, along with two parking garages and additional surface parking. The proposed buildings would also include outdoor amenity space and outdoor terraces, encompassing an interior landscaped yard nested between the buildings, and improved pedestrian and bicycle access throughout the site. The proposed project site would also be raised above the current elevation to mitigate future issues related to sea level rise.

Golden Gate Produce Terminal

There is one previously identified historical resource on the Project site: the Golden Gate Produce Terminal. The Golden Gate Produce Terminal was constructed in 1962 to house produce wholesalers who were forced to abandon the original produce market in downtown San Francisco, which was demolished to accommodate the 1960s Golden Gateway redevelopment project. Large produce wholesalers relocated to the Golden Gate Produce Terminal; the terminal historically and continuously has been cooperatively owned by the produce dealers. The Golden Gate Produce Terminal consists of east and west terminal buildings, with respective loading docks, individual produce stalls, and a central parking area. The terminals feature pre-cast concrete slab construction with pre-cut window and door openings, concrete loading docks with overhanging metal canopies, and original steel sash and multi-light windows. In previous documentation discussed in detail below, the Golden Gate Produce Terminal is associated with the development of the South San Francisco Industrial Park and the produce industry in the San Francisco Bay Area (AECOM 2022:13).

Regulatory Framework

Federal

National Historic Preservation Act and National Register of Historic Places (NRHP)

Archaeological and architectural resources (buildings and structures) are protected through the National Historic Preservation Act (NHPA) of 1966, as amended (16 United States Code [USC] 470f), and its implementing regulations: Protection of Historic Properties (36 Code of Federal Regulations [CFR] part 800), Archaeological and Historic Preservation Act of 1974, and Archaeological Resources Protection Act of 1979.

The NRHP is the nation's official comprehensive inventory of historic resources. Administered by the National Park Service, the NRHP includes buildings, structures, sites, objects, and districts that possess historic, architectural, engineering, archaeological, or cultural significance at the national, state, or local level. Typically, a resource that is more than 50 years of age is eligible for listing in the NRHP if it meets any one of the four eligibility criteria and retains sufficient historic integrity. A

resource less than 50 years old may be eligible if it can be demonstrated that it is of "exceptional importance" or a contributor to a historic district. NRHP criteria are defined in National Register Bulletin Number 15: *How to Apply the National Register Criteria for Evaluation* (Andrus 1995).

There are four criteria under which a structure, site, building, district, or object may be eligible:

- **Criterion A (Event):** Properties associated with events that have made a significant contribution to the broad patterns of our history;
- **Criterion B (Person):** Properties associated with the lives of persons significant in our past;
- **Criterion C (Design/Construction):** Properties that embody the distinctive characteristics of a type, period, or method of construction; represent the work of a master; possess high artistic values; or represent a significant distinguishable entity whose components lack individual distinction; and
- **Criterion D (Information Potential):** Properties that have yielded, or may be likely to yield, information important in prehistory or history.

A resource can be significant to American history, architecture, archeology, engineering, and/or culture at the national, state, or local level. In addition to meeting at least one of the four criteria, a property or district must retain integrity, meaning that it must have the ability to convey its significance through the retention of seven aspects, or qualities, that, in various combinations, define integrity:

- **Location:** Place where the historic property was constructed;
- **Design:** Combination of elements that create the form, plans, space, structure, and style of the property;
- **Setting:** The physical environment of the historic property, inclusive of the landscape and spatial relationships of the buildings;
- **Materials:** The physical elements that were combined or deposited during a particular period of time and in a particular pattern or configuration to form the historic property;
- **Workmanship:** Physical evidence of the crafts of a particular culture or people during any given period in history;
- **Feeling:** The property's expression of the aesthetic or historic sense of a particular period of time; and
- **Association:** Direct link between an important historic event or person and a historic property.

State

California implements the NHPA through its statewide comprehensive cultural resource preservation programs. The California Office of Historic Preservation, an office of the California Department of Parks and Recreation, implements the policies of the NHPA on a statewide level. The Office of Historic Preservation also maintains the California Historical Resources Inventory. The State Historic Preservation Officer is an appointed official who implements historic preservation programs within the state's jurisdiction.

California Register of Historical Resources (CRHR)

The California Register is an authoritative guide used by state and local agencies, private groups, and citizens to identify historical resources and to indicate what properties are to be protected, to the extent prudent and feasible, from substantial adverse impacts (Public Resources Code Section 5024.1 (a)).The California Register consists of properties that are listed automatically as well as those that must be nominated through an application and public hearing process. The California Register automatically includes the following:

- California properties listed in the National Register and those formally Determined Eligible for the National Register;
- State Historical Landmarks from No. 0770 onward; and
- Those California Points of Historical Interest that have been evaluated by the State Office of Historic Preservation and have been recommended to the State Historical Resources Commission for inclusion on the California Register

The criteria for eligibility for listing in the California Register are based upon National Register criteria, but are identified as 1-4 instead of A-D. To be eligible for listing in the California Register, a property generally must be at least 50 years of age and must possess significance at the local, state, or national level, under one or more of the following four criteria

- **Criterion 1 (Events):** Resources that are associated with events that have made a significant contribution to the broad patterns of local or regional history or the cultural heritage of California or the United States.
- **Criterion 2 (Persons):** Resources that are associated with the lives of persons important to local, California, or national history.
- **Criterion 3 (Design/Construction):** Resources that embody the distinctive characteristics of a type, period, region, or method of construction; represent the work of a master; or possess high artistic values.
- **Criterion 4 (Archaeological/Source of New Information):** Resources or sites that have yielded or have the potential to yield information important to the prehistory or history of the local area, California, or the nation.

In addition to meeting the significance criteria, a significant historic resource must possess integrity to be considered eligible for listing in the CRHR. Consideration of integrity for evaluation of CRHR eligibility follows the same definitions and criteria from the National Park *Service's National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation* (Andrus 1995), also listed above under National Register of Historic Places Criteria.

California Environmental Quality Act

CEQA requires projects to be assessed to determine their potential to affect historical resources. CEQA uses the term *historical resources* to include buildings, sites, structures, objects, or districts, which may have historical, pre-historical, architectural, archaeological, cultural, or scientific importance. If implementation of a project would result in significant effects on historical resources, CEQA states that alternative plans or mitigation measures must be considered; however, only

significant historical resources need to be addressed (14 California Code of Regulations [CCR] 15064.5, 15126.4). Therefore, before impacts and mitigation measures can be identified, the significance of historical resources must be determined.

The State CEQA Guidelines define three ways that a property may qualify as a historical resource for the purposes of CEQA review.

1. The resource is listed in or determined eligible for listing in the CRHR.
2. The resource is included in a local register of historical resources, as defined in Section 5020.1(k) of the California PRC or identified as significant in a historical resource survey meeting the requirements of Section 5024.1(g) of the California PRC, unless the preponderance of evidence demonstrates that it is not historically or culturally significant.
3. The lead agency determines the resource to be significant, as supported by substantial evidence in light of the whole record (CCR, Title 14, Division 6, Chapter 3, Section 15064.5[a]).

The CEQA Guidelines also establish the criteria for CRHR eligibility as the standard for determining the significance of historical resources and note that cultural resources that meet the criteria of eligibility for the CRHR are significant historical resources. A historical resource may be eligible for inclusion in the CRHR if it meets any of the following conditions:

1. The resource is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
2. The resource is associated with the lives of persons important in our past.
3. The resource embodies the distinctive characteristics of a type, period, region, or method of construction or represents the work of an important creative individual or possesses high artistic values.
4. The resource has yielded, or may be likely to yield, information important in prehistory or history.

Properties that are listed in or eligible for listing in the NRHP are considered eligible for listing in the CRHR (PRC Section 5024.1[d][1]) and, thus, are significant historical resources for the purpose of CEQA. Previously unidentified as well as identified or known cultural resources within the project site will be evaluated per the CRHR criteria (as needed) for eligibility in order to determine if the resources are significant on a state level.

According to CEQA, a project that may cause a substantial adverse change in the significance of a historical resource is a project that may have a significant impact on the environment (14 CCR 15064.5[b]). Under CEQA, a substantial adverse change in the significance of a resource means the physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of the historical resource would be materially impaired. Actions that would materially impair the significance of a historical resource are any actions that would demolish or adversely alter the physical characteristics that convey the property's historical significance and qualify it for inclusion in the CRHR or in a local register or survey that meets the requirements of PRC Sections 5020.1(k) and 5024.1(g).

Under CEQA, the treatment of cultural resources requires evaluation of the resources in a project's area of potential affect, assessment of potential impacts on significant or unique resources, and development of mitigation measures for potentially significant impacts; such measures may include monitoring, data recovery, and/or avoidance.

Methods

ICF conducted archival and background research to identify cultural resources in and within 0.25 mile of the project site. The background research consisted of a records search at the Northwest Information Center (NWIC) at Sonoma State University, a review of the previous historic resource evaluation reports for the Golden Gate Produce Terminal (i.e., *Historical Resources Evaluation Report, US 101/Produce Avenue Overcrossing Project, City of South San Francisco, San Mateo County, California* and the *Finding of No Adverse Effect, US 101/Produce Avenue Overcrossing Project, City of South San Francisco, San Mateo County, California*), and a review of archival maps and aerial photographs. The results of these tasks are summarized below and in the archaeological technical memorandum prepared by ICF.

In addition, an ICF architectural historian conducted a site survey of the project site on February 23, 2023, to examine and photograph the built-environment resources on site. The survey consisted of walking the project site, photographing the exteriors of the Golden Gate Produce Terminal buildings from the public right-of-way, and documenting site characteristics and context. Full archaeological considerations are presented in the archaeological technical memorandum prepared by ICF.

NWIC Records Search

On August 1, 2023, an ICF archaeologist conducted a records search for the project site and a 0.25-mile radius at the NWIC (NWIC File #23-0130). The NWIC, an affiliate of the Office of Historic Preservation, is the official state repository of cultural resources records and reports for San Mateo County.

No previously recorded built-environment resources were recorded within the Project site; five previously recorded built environment resources were recorded within a 0.25-mile radius of the Project site. Table 2 summarizes the previously recorded built-environment resources in the records search study area.

Table 1. Archival Map and Aerial Photograph Review

Primary Number	Resource Name	Resource Attributes	Historical Resource Status Code[1]
P-41-000412	CT-3 (other names: Peninsula Commute Service; San Francisco & San Jose Railway)	AH07	6Y
P-41-000497	C-San Francisco South-C	AH07	6Z
P-41-002147	PN-1 (other name: Colma Creek site [update]);	AH04	6Z
P-41-002440	MP 09.64 and MP 09.72 (other name: Bridge South of Airport Boulevard at MP 09.64 and Bridge over Colma Creek at MP 09.72	HP19	6Z
P-41-002520	123 S. Linden Avenue	HP08	6Z

Notes:

1. A complete list of California Historical Resource Status Codes and their meanings is maintained by OHP and can accessed here: https://ohp.parks.ca.gov/pages/1069/files/chrstatus%20codes.pdf.

The NWIC records search also documented 20 previous cultural resources studies within a 0.25-mile radius of the project site. Two cultural resources surveys, one for San Mateo County and one for South San Francisco, were identified through supplemental online research. No built-environment resources were identified in the project site in either of these studies.

In addition, online repositories of the Office of Historic Preservation were consulted for resources within a 0.25-mile radius of the project site (Office of Historic Preservation 2023a and 2023b). After review of the online repositories, no built-environment resources were identified at the project site.

Archival Map and Aerial Photograph Review

ICF reviewed archival maps and aerial photographs for the presence of historic-period buildings and/or structures (i.e., older than 50 years old) on the project site and the general vicinity to assist in identifying dates of construction and site history. Many historic aerials were made available from the Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package via a 2018 report (Bock & Clark 2018 [Appendix 3, 2-15]). The results of this review are summarized in Table 2.

Table 2. Archival Map and Aerial Photograph Review

Map/Photograph	Results
1891 *San Mateo County, CA.* Herrmann Bros, Surveyors & CE map (McGarvey 1891)	The map depicts the project site as a part of the Rancho Buri Buri land tract in 1890.
1943 United States Department of Agriculture [USDA] Soil Survey *Aerial Photograph*	This map depicts the project site as naturally vegetated land with waterways throughout.
1946 *San Mateo, CA.* USGS (1";500')	This map depicts the project site as naturally vegetated land with waterways throughout.
1956 *San Mateo, CA.* USGS (1";500')	This map depicts the project site as naturally vegetated land that has been leveled and cleared. US 101 has constructed east of the project site.
1963 EDR Proprietary Aerial Viewpoint	This map depicts the project site with the newly constructed Golden Gate Produce Terminal with the two primary buildings and ancillary buildings, loading docks, and entry gate.
1975 Assessor's Parcel Map (ParcelQuest 2023)	The map depicts the division of parcels adjacent to Terminal Court, Produce Avenue, and Bayshore Freeway, including and surrounding the project site.
2005 *Aerial Photograph* (NETR 2005)	This map depicts the project site with an ancillary building constructed at the northeast corner of the parcel.
2018 *Aerial Photograph* (NETR 2018)	This map depicts the project site with the construction of a row of structures between the two primary buildings with vendor stalls.

NETR= Nationwide Environmental Title Research

Historic-period maps and aerial photographs indicate that the project site was undeveloped naturally vegetated land until the mid-twentieth century. Between the mid- and late-twentieth century, the land was developed into the Golden Gate Produce Terminal.

Historical Research and Built-Environment Inventory

To compile an inventory of built-environment resources that require evaluation for CRHR listing, ICF conducted desktop research using Google Earth, Historic Aerials, and ParcelQuest to identify the ages of such resources within the project site (Google Earth 2023; Nationwide Environmental Title Research [NETR] 2005, 2018; ParcelQuest 2023). In addition, previous documentation prepared for the project site (i.e., *Final Environmental Impact Report/Environmental Assessment with Finding of No Significant Impact for the US Highway 101/Produce Avenue Interchange Project)* were used for the evaluation (Caltrans 2023). To further evaluate and document the existing buildings, ICF undertook additional property-specific research, including historic newspapers, maps, and previous environmental and planning documents.

In February 2023, Caltrans published the *Final Environmental Impact Report/Environmental Assessment with Finding of No Significant Impact for the US Highway 101/Produce Avenue Interchange Project* (Caltrans Final EIR/EA, Attachment B). Caltrans determined the Golden Gate Produce Terminal (APN 015-113-210) was eligible for listing in the NRHP under Criterion A for its association with the development of the South San Francisco Industrial Park and the produce industry in the San Francisco Bay Area. Furthermore, Caltrans considered it to be a historical resource for CEQA compliance, eligible for the CRHR on the local level under Criterion 1, and a Section 4(f) property (Caltrans 2023). For the US 101/Produce Avenue Interchange Project, the State Historic Preservation Officer (SHPO) did not indicate that it concurred with the determination of eligibility. Notwithstanding, the Golden Gate Produce Terminal was assumed to be eligible for listing in the NRHP and CRHR in the Caltrans Final EIR/EA.

Because SHPO did not indicate that it concurred with the determination of eligibility, the City of South San Francisco has the discretion to arrive at its own findings regarding the historical significance of the Produce Terminal. ICF conducted an independent review of the Caltrans evaluation, supplemented by ICF's own research, on behalf of the City of South San Francisco. Based on ICF's independent review, ICF confirms that the previous NRHP/CRHR evaluation for the Golden Gate Produce Terminal in the Caltrans Final EIR/EA meets industry best practices and CRHR evaluative criteria. Furthermore, ICF agrees with the assessment that the Golden Gate Produce Terminal retains integrity and is eligible for listing in the CRHR (Caltrans 2023). Based on ICF's own research, and confirmation that character-defining features and sufficient integrity remain to exhibit historic significance under NRHP/CRHR Criteria A/1 relevant to the period of significance, the Produce Terminal remains eligible for listing in the CRHR today. Therefore, the Produce Terminal qualifies as a historical resource under CEQA, as defined in CEQA section 21084.1 and CEQA Guidelines section 15064.5(a)(3).

Conclusions and Recommendations

As detailed above, this study consisted of background research, including a NWIC records search, a literature review, a site survey, and a review of the prior evaluation in the Caltrans Final EIR/EA. The results of the research indicated one known and previously recorded cultural resource on the project site that qualifies as a historical resource under CEQA: the Golden Gate Produce Terminal. The Golden Gate Produce Terminal was previously evaluated for CRHR eligibility and recommended as eligible for listing (Caltrans 2023).

Based on a review of the Caltrans evaluation and subsequent historical research, ICF's architectural historian concludes that the Golden Gate Produce Terminal has significance under CRHR evaluative Criteria 1 and is eligible for listing in the CRHR. Therefore, the resource qualifies as a historical resource under CEQA, as defined in CEQA section 21084.1 and CEQA Guidelines section 15064.5(a)(3).

The proposed project would demolish the existing produce market facility, surface parking, and limited landscaping to construct an approximately 1.7 million sf of research-and-development and amenity space within seven buildings, ranging from one to six stories, two parking garages, additional surface parking, and landscaping. Therefore, the proposed project would result in a significant impact on historical resources. Consequently, mitigation measures are required to mitigate or substantially reduce the impact to the greatest extent feasible. Below is a recommended historical resources mitigation measure for the proposed project. This mitigation measure may be further developed as part of the environmental review for the proposed project.

Mitigation Measure CUL-1, Interpretation of the Historical Resource:

The project applicant should provide documentation of the historical resource based on the National Park Service's Historic American Buildings Survey (HABS) (54 U.S.C. §§ 320101-320106, which may include "…drawings, plans, photographs, and other data of historic and archaeologic sites, buildings, and objects,") or an interpretative plan (e.g., signage, videography).

The project applicant should install interpretive panels explaining the history of Golden Gate Produce Terminal at the proposed project site, which would utilize the HABS survey, previously compiled research, and additional archival research.

The project would result in a substantial adverse change to the historical resource through demolition. The implementation of Mitigation Measure CUL-1 would not reduce the impact of the proposed project to a less-than-significant level. Therefore, the proposed project is anticipated to have a significant and unavoidable impact on the historical resource. The project's impacts on historical resources, as well as appropriate mitigation, will be further evaluated in the EIR for the proposed project. Additionally, further analysis will be conducted on the historic context and evaluation of significance of the Golden Gate Produce Terminal.

Attachment A Figures

Attachment B Final Environmental Impact Report/Environmental Assessment with Finding of No Significant Impact for the US Highway 101/Produce Avenue Interchange Project

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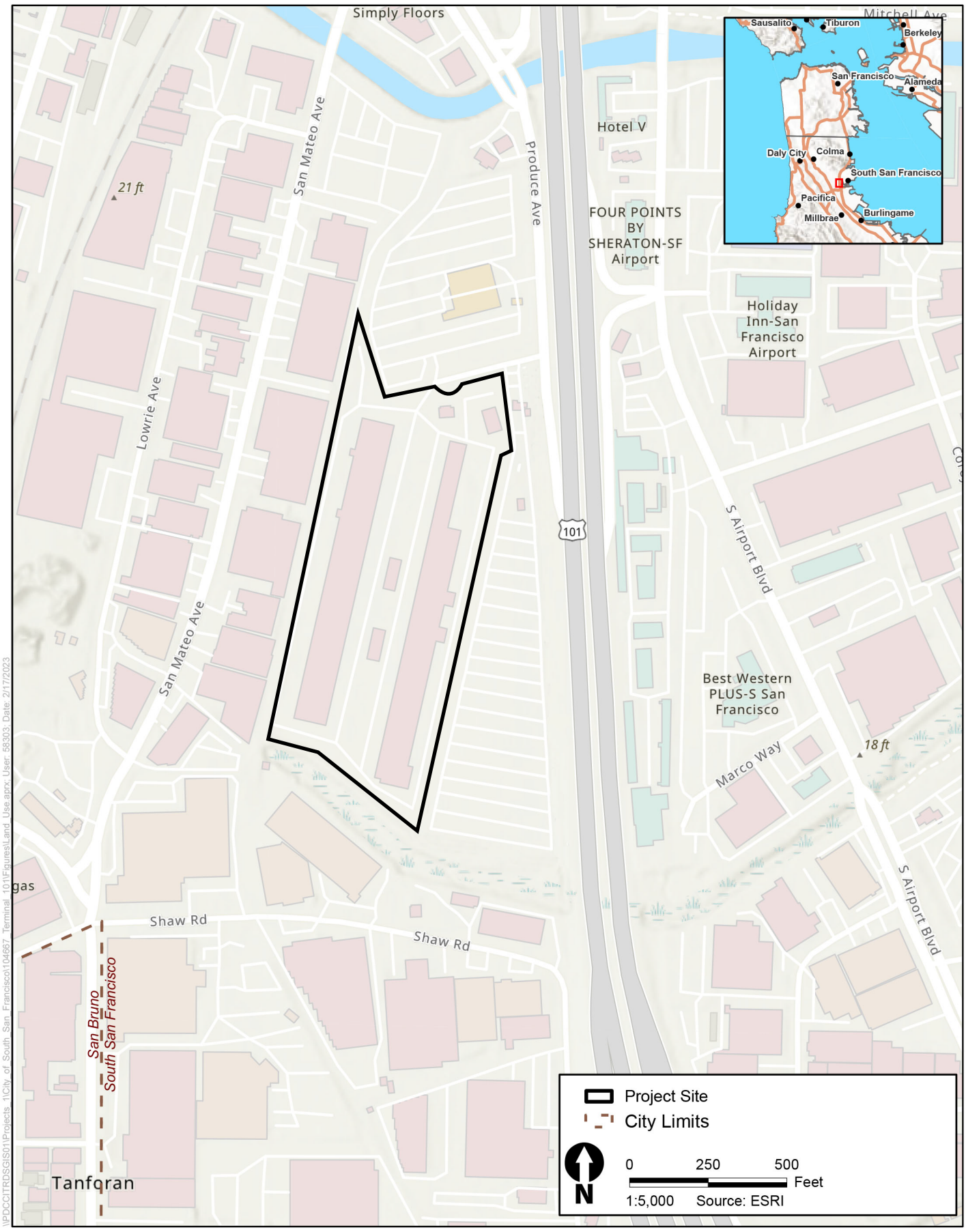
Attachment A – Figures



\\PDOCITRDSGIS01\Projects_1\City_of_South_San_Francisco\104667_Terminal_101\Figures\Land_Use.aprx; User: 58303; Date: 2/17/2023

Figure 1
Project Location Map

Attachment B – Final Environmental Impact Report/Environmental Assessment with Finding of No Significant Impact for the US Highway 101/Produce Avenue Interchange Project

US Highway 101/Produce Avenue Interchange Project

CITY OF SOUTH SAN FRANCISCO,
SAN MATEO COUNTY, CALIFORNIA
04-SM-101 – PM 21.3/21.7
EA 04-4H360/Project ID 0413000212

Final Environmental Impact Report/ Environmental Assessment with Finding of No Significant Impact

Prepared by the
State of California, Department of Transportation, City of South San Francisco, and San Mateo County Transportation Authority

The environmental review, consultation, and any other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by Caltrans pursuant to 23 USC 327 and the Memorandum of Understanding dated May 27, 2022, and executed by FHWA and Caltrans.

Caltrans

February 2023

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General Information about this Document

What's in this document:

The California Department of Transportation (Caltrans), as assigned by the Federal Highway Administration, has prepared this Final Environmental Impact Report (EIR)/ Environmental Assessment (EA), which examines the potential environmental impacts of the proposed project in San Mateo County, California. Caltrans is the lead agency under the National Environmental Policy Act and the California Environmental Quality Act. The document explains why the project is being proposed, what alternatives have been considered for the project, and how the existing environment could be affected by the project. It also describes the potential impacts of each of the alternatives, and proposed avoidance, minimization, and/or mitigation measures.

The Draft EIR/EA was circulated to the public for 45 days between July 22 and September 6, 2022. Comments received during this period are included in Appendix I. Elsewhere throughout this document, a vertical line in the margin indicates a change made since the draft document circulation. Minor editorial changes and clarifications have not been so indicated. Additional copies of this document and the related technical studies are available at District 4, 111 Grand Avenue, Oakland, CA 94612. This document may be downloaded at the following website: https://dot.ca.gov/caltrans-near-me/district-4/d4-popular-links/d4-environmental-docs#district-wide.

Alternative Formats:

For individuals with sensory disabilities, this document can be made available in Braille, in large print, on audiocassette, or on computer disk. To obtain a copy in one of these alternate formats, please call or write to the California Department of Transportation, District 4, Attn: Tanvi Gupta, Associate Environmental Planner, P.O. Box 23660, MS: 8B, Oakland, CA 94623-0660; (510) 421-8378 (Voice), or use California Relay Service 1 (800) 735-2929 (TTY to Voice), 1 (800) 735-2922 (Voice to TTY), 1 (800) 855-3000 (Spanish TTY to Voice and Voice to TTY), 1-800-854-7784 (Spanish and English Speech-to-Speech) or 711.

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SCH Number: 2021080173
04-SM-101
EA No. 04-4H360
Project No. 0413000212

US 101/Produce Avenue Interchange Project

Final Environmental Impact Report/Environmental Assessment with Finding of No Significant Impact

Submitted Pursuant to: (State) Division 13, California Public Resources Code
(Federal) 42 USC 4332(2)(C)

THE STATE OF CALIFORNIA
Department of Transportation

Responsible Agencies:
State Historic Preservation Officer, San Francisco Bay Regional Water Quality Control Board, and
California Transportation Commission

02/08/2023
Date

Dina El-Tawansy
Dina A. El-Tawansy
District Director,
District 4 – Bay Area
CEQA and NEPA Lead Agency

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CALIFORNIA DEPARTMENT OF TRANSPORTATION
FINDING OF NO SIGNIFICANT IMPACT (FONSI)

FOR

US 101/Produce Avenue Interchange Project

The California Department of Transportation (Caltrans) has determined that identification of the preferred alternative would have no significant impact on the human environment. This FONSI is based on the attached Environmental Assessment (EA), which has been independently evaluated by Caltrans and determined to adequately and accurately discuss the need, environmental issues, and impacts of the proposed project and appropriate mitigation measures. It provides sufficient evidence and analysis for determining that an Environmental Impact Statement is not required. Caltrans takes full responsibility for the accuracy, scope, and content of the attached EA.

The environmental review, consultation, and any other actions required by applicable federal environmental laws for this project are being, or have been, carried out by Caltrans pursuant to 23 USC 327 and the Memorandum of Understanding dated May 27, 2022, and executed by Federal Highway Administration and Caltrans.

Dina El-Tawansy

02/08/2023

Dina El-Tawansy
District Director
Caltrans District 4
CEQA/NEPA Lead Agency

Date

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Summary

NEPA Assignment

California participated in the “Surface Transportation Project Delivery Pilot Program” (Pilot Program) pursuant to 23 United States Code (USC) 327, for more than 5 years, beginning July 1, 2007, and ending September 30, 2012. MAP-21 (Public Law 112-141), signed by President Obama on July 6, 2012, amended 23 USC 327 to establish a permanent Surface Transportation Project Delivery Program. As a result, the California Department of Transportation (Caltrans) entered into a Memorandum of Understanding (MOU) pursuant to 23 USC 327 (National Environmental Policy Act [NEPA] Assignment MOU) with the Federal Highway Administration (FHWA). The NEPA Assignment MOU became effective October 1, 2012, and was renewed on May 27, 2022, for a term of ten years. In summary, Caltrans continues to assume FHWA responsibilities under NEPA and other federal environmental laws in the same manner as was assigned under the Pilot Program, with minor changes. With NEPA Assignment, FHWA assigned, and Caltrans assumed, all of the United States Department of Transportation Secretary's responsibilities under NEPA. This assignment includes projects on the State Highway System and Local Assistance Projects off the State Highway System in the State of California, except for certain categorical exclusions that FHWA assigned to Caltrans under the 23 USC 326 CE Assignment MOU; projects excluded by definition; and specific project exclusions.

Joint NEPA/CEQA Document

The proposed project is a joint project by Caltrans and FHWA and is subject to state and federal environmental review requirements. Project documentation, therefore, has been prepared in compliance with both the California Environmental Quality Act (CEQA) and NEPA. Caltrans is the lead agency under NEPA and CEQA. In addition, FHWA’s responsibility for environmental review, consultation, and any other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by Caltrans pursuant to 23 United States Code Section 327 (23 USC 327) and the Memorandum of Understanding dated May 27, 2022, and executed by FHWA and Caltrans.

Some impacts determined to be significant under CEQA may not lead to a determination of significance under NEPA. Because NEPA is concerned with the significance of the project as a whole, often a “lower level” document is prepared for NEPA. One of the most common joint document types is an Environmental Impact Report/Environmental Assessment (EIR/EA).

Caltrans prepared a Draft EIR/EA that was circulated to the public from July 22 through September 6, 2022, for review and comment. This Final EIR/EA was prepared after receiving comments from the public and reviewing agencies. Written comments from individuals, organizations, and public agencies received during the circulation period are included in Appendix K. The identified preferred alternative in this Final EIR/EA is the Build Alternative, which would construct a new United States

Highway 101 (US 101) overcrossing extending from the Utah Avenue/South Airport Boulevard intersection to San Mateo Avenue, and reconstruct the South Airport Boulevard/Utah Avenue, San Mateo Avenue/Utah Avenue, and Airport Boulevard/ Produce Avenue/San Mateo Avenue intersections. The Build Alternative would also include new bicycle and pedestrian facilities, and signal modifications to accommodate Complete Streets design.

Caltrans has decided to issue a Finding of No Significant Impact (FONSI) in compliance with NEPA. A Notice of Determination will be published for compliance with CEQA. A Notice of Availability (NOA) of the FONSI will be sent to the appropriate units of federal, state, and local government, and to the State Clearinghouse in compliance with Executive Order 12372.

Project Overview

The City of South San Francisco and the San Mateo County Transportation Authority (SMCTA) are the sponsors of the US 101/Produce Avenue Interchange Project (the project) in the City of South San Francisco, within the County of San Mateo. Caltrans is the lead agency responsible for CEQA and NEPA review and approval.

The project is on and adjacent to US 101 between post miles (PM) 21.3 and 21.7 and in the City of South San Francisco in San Mateo County, California. The project is located in the San Francisco Bay Area Peninsula of Northern California. The land use within the project corridor is primarily urban commercial, with urban residential areas north, west, and south of the project area. Other nearby proposed projects include the US Highway 101 Managed Lanes North of I-380 Project, as well as multiple developments adjacent to US 101. A comprehensive list of these projects is provided in Section 2.5 below.

The Build Alternative would include a new US 101 overcrossing that extends from the Utah Avenue/South Airport Boulevard intersection to San Mateo Avenue (referred to as the Utah Avenue extension), as well as to the South Airport Boulevard/Utah Avenue, San Mateo Avenue/Utah Avenue, and Airport Boulevard/Produce Avenue/ San Mateo Avenue intersections. The overcrossing would provide two lanes in each direction. The overcrossing would span from the east side of US 101 and extend over Terminal Court, an existing city street and cul-de-sac adjacent to the Golden Gate Produce Market. The Build Alternative would also include new bicycle and pedestrian facilities, and signal modifications to accommodate complete streets design.

The purpose of the project is to provide an additional local east-west connection across US 101 that provides benefit to all modes of transportation in the project area and accommodates future planned growth in the City of South San Francisco and vicinity of the project area.

The project is needed in order to accommodate projected growth in employment east of US 101, as the existing east-west connections in the City of South San Francisco are anticipated to not be able to accommodate future traffic demands. Additionally,

there are few non-vehicle transportation options that cross US 101 within or adjacent to the project area.

The identification of the preferred alternative is discussed in Section 1.3.6. Other alternatives were considered but eliminated because they did not meet the project's purpose and need, and are described in Section 1.3.7.

Project Impacts

Table S-1 summarizes and compares the effects of the Build Alternative and the No Build Alternative. The proposed project features and avoidance, minimization, and/or mitigation measures to reduce the effects of the Build Alternative are also presented. A complete description of potential effects and recommended measures is provided in the specific sections of Chapters 2 and 3.

Table S-1 Summary of Impacts, Project Features, Avoidance, Minimization, and/or Mitigation Measures

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
Consistency with State, Regional, and Local Plans and Programs	None.	None. The Build Alternative would be generally consistent with applicable plans and policies.	None.
Growth	None.	None. The Build Alternative does not contain elements that would influence the type or location of growth beyond what is already planned.	None.
Relocations and Real Property Acquisition	None.	The Build Alternative would require full and partial property acquisitions adjacent to the proposed overcrossing, as well as Temporary Construction Easements (TCEs) throughout the project area. The Build Alternative would require the full acquisition of the following two properties: • International House of Pancakes (IHOP) Restaurant, at 316 South Airport Boulevard (parcel 015-141-260). • A commercial warehouse that in 2019 contained a moving company and two sports facilities, at 1404, 1416, and 1422 San Mateo Avenue (parcel 015-114-370). Partial acquisition of the following parcels would also be necessary, but the existing land use would remain: • Travelodge hotel (326 South Airport Boulevard) conference center, pool area, and entrance – the entrance would require reconstruction to maintain operation of this facility • Travelodge parking lot • Best Western hotel parking lot (380 South Airport Boulevard)	Acquisitions and TCEs would require compensation. The Caltrans Relocation Assistance Program would be made available to assist in providing relocation benefits or entitlements to property owners. A booklet describing business property owner rights and benefits under the Caltrans Relocation Assistance Program is provided in Appendix C. Early coordination with the business owners would provide displaced employees with the time necessary to transition with minimal impacts. The Build Alternative would provide for the relocation of businesses, compensation, and there are sufficient vacancies available in the area for relocation. Acquired business properties can relocate to any location of their choice.

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
		• Park 'N Fly lots and entrance (two lots with entrances off Terminal Court) • Golden Gate Produce Terminal (131 Terminal Court) • PS Business Parks (100 Produce Avenue) • Denny's Restaurant (10 South Airport Boulevard) • Business Park/office parking lot at 124 South Airport Boulevard.	
Existing and Future Land Use	None.	As stated above, the Build Alternative would require the full acquisition of two properties, resulting in a change in land use from commercial to transportation right-of-way. Partial acquisition of several other properties would also be required, but the land uses of those parcels would remain the same.	The changes in land use, specifically the full and partial acquisitions, would require compensation as part of the right-of-way phase of the project. This is described in Section 2.2.5. The land use designations for the full and partial property acquisitions that are used or expanded for the proposed Build Alternative would be changed to a transportation use designation in the City of South San Francisco's General Plan.
Community Character and Cohesion	None.	As stated above, multiple properties would require partial or full acquisition in the project area. Businesses in the project area would be impacted as follows: Travelodge: The conference room area, pool area, and entrance would be impacted. The number of rooms may be affected if reconfiguration is necessary. Parking spaces would be impacted. Park 'N Fly: Two remote private airport parking businesses would be impacted through loss of parking spaces where overcrossing structures and their supporting foundations/columns would be installed.	Any business that moves from real property, moves personal property from real property as a result of the acquisition of the real property, or is required to relocate as a result of a written notice from Caltrans from the real property required for a transportation project is eligible for relocation assistance. All activities will be conducted in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended. Relocation resources shall be available to the displaced in compliance with Title VI and State statute, after eligibility has been determined.

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
		Bay Badminton Center, SF Elite, and Golden Gate Moving Company: These three businesses would require relocation. IHOP restaurant: This business would be acquired. Golden Gate Produce Terminal: There would be temporary impacts during installation of the new overcrossing structures, and some loss of parking, but access would remain via Terminal Court. Parking spaces would be acquired, and landscaping, driveway configurations, and sidewalks would be temporarily impacted during construction, and partial acquisition would be necessary, at business properties at the intersections of South Airport Boulevard/Utah Avenue, and at South Airport Boulevard/San Mateo Avenue/Produce Avenue. Except for the two full acquisitions, remaining businesses would be expected to continue to function.	
Environmental Justice	None.	The Build Alternative would not cause disproportionately high and adverse effects on any minority or low-income populations in accordance with the provisions of Executive Order 12898.	None.
Utilities/ Emergency Services	None.	All utility service and emergency services/access will be maintained during construction. It would not result in long-term effects to utilities or emergency services.	None.

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
Traffic and Transportation	Traffic impacts were evaluated for 2025 (opening year) and 2045 (future year). The No Build Alternative would not improve traffic conditions in the project area. • **2025 No Build AM**. All intersections will operate at Levels of Service (LOS) D or better in the AM peak hour. The following individual intersection movements would operate at LOS E/F: - US 101 northbound off-/on-ramps/South Airport Blvd (intersection #10) westbound left-turn, northbound U-turn/left turn and southbound U-turn/left turn/through - Produce Ave/Airport Blvd/San Mateo Ave. (intersection #6) northbound through - South Airport Blvd/Utah Ave. (intersection #14) northbound left-turn - Gateway Blvd and South Airport Blvd/Mitchell Ave (#7) eastbound U-turn/left turn/through. **2025 No Build PM**. - South Airport Blvd/Utah Ave (#14) intersection will operate at LOS E (63.6 seconds [sec] delay).	Intersections functioning at LOS C/D or better with No Build conditions would maintain C/D or better with the Build Alternative except at those noted below: • **2025 Build AM**. All study intersections will continue to function at overall LOS D or better in the AM peak hour. The following individual intersection movements would operate at LOS E/F: - Produce Ave/Airport Blvd/San Mateo Ave. (intersection #6) westbound left turn, northbound left turn/through. - Gateway Blvd/ South Airport Blvd/Mitchell Ave. (intersection #7) eastbound U-turn/left turn/through. - US 101 northbound off-/on-ramps/South Airport Blvd (intersection #10) westbound left turn/through, southbound U-turn/left turn. - South Airport Blvd/Utah Ave. (intersection #14) eastbound through, northbound U-turn/left-turn. Additionally, the queues for northbound movements at Produce Ave./ Airport Blvd. and San Mateo Ave (intersection #6), and eastbound and southbound queues at US 101 northbound off-/on-ramps/ South Airport Blvd (#10), would improve compared to No Build. • **2025 Build PM**. The queues and delays for individual movements at the intersections along Grand Ave that operate at LOS F/E in No Build are projected to improve to LOS E/D in Build. For the Gateway Blvd and S. Airport Blvd/Mitchell Ave (#7) intersection, overall	A Transportation Management Plan (TMP) would be prepared for the project to avoid or minimize temporary impacts to traffic and transportation associated with project construction, per project feature PF-TRA-01. At the intersection of the US 101 northbound off-/on-ramps/ S. Airport Blvd (intersection #10), a right-turn overlap phase will be provided for the eastbound approach to facilitate the efficient movement of right-turning vehicles from the US 101 northbound off-ramp. This phase would overlap with the northbound left-turn movement, thereby using the northbound left turn's green time as well. The City will evaluate and adjust signal timing/phasing. A No U-Turn sign for the northbound approach will need to be installed by the City with this overlap. This is per PF-TRA-02.

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
	- Produce Ave/101 southbound on-ramp/Terminal Ct (#9) will operate at an LOS F with 81.8 sec/delay. **2045 No Build**. Six intersections in the AM peak and nine intersections in the PM peak would function at LOS E or F: **2045 No Build AM**. - Airport Blvd/101 southbound off-ramp/Miller Ave (#1) will operate at LOS E (59.1 sec/vehicle [veh] delay). - Produce Ave/Airport Blvd and San Mateo Ave (#6) will operate at LOS F (86.2 sec/veh delay). - Gateway Blvd/S. Airport Blvd/Mitchell Ave (#7) will operate at LOS F (86.2 sec/veh delay). - Produce Ave/101 southbound off-ramp (#8) will be LOS F (1,007.6 sec/veh delay). - 101 northbound ramps/S. Airport Blvd (#10) (LOS F, 331.2 sec/veh delay). - San Mateo Ave and Tanforan Ave/Shaw Rd (#17) (LOS E, 41.4 sec/veh delay). **2045 No Build PM**. - Dubuque Ave/E. Grand Ave (#3) will operate at LOS E (62.9 sec/veh delay).	total intersection delay would decrease from 38.6 sec/veh (LOS D) in No Build to 34.7 sec/veh (LOS C) in Build. The following summarizes notable adverse LOS and delay effects: - S. Airport Blvd and US 101 northbound ramps/Wondercolor Ln (#10) would change from LOS D (48.8 sec/veh) to LOS E (58.8 sec/veh) - S. Airport Blvd/Utah Ave (#14) would change from LOS E (63.6 sec/veh) to LOS F (116.0 sec/veh) - S. Airport Blvd/Belle Aire Rd (#18) would change from LOS B (15.7 sec/veh) to LOS E (61.5 sec/veh). The northbound approach queue to US 101 northbound off- /on-ramps/S. Airport Blvd in PM would extend 1,850 feet beyond the Belle Aire Rd intersection compared to No Build, where the queue does not reach Belle Aire Rd. • **2045 Build.** Six of the study intersections in the AM and nine intersections in the PM will operate at LOS E or F: • **2045 Build AM.** - Produce Ave/Airport Blvd and San Mateo Ave (#6) AM LOS E (65.8 seconds delay) - Gateway Blvd and S. Airport Blvd/Mitchell Ave (#7) AM LOS F (158.5 seconds delay) - US 101 northbound off-/on-ramps and S. Airport Blvd (#10) AM LOS F (319.4 seconds delay)	

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
	- Gateway Blvd/E. Grand Ave (#5) will operate at LOS F (367.4 sec/veh delay). - Produce Ave/Airport Blvd and San Mateo Ave (#6) will operate at LOS E (66.5 sec/veh delay). - Gateway Blvd/S. Airport Blvd/Mitchell Ave (#7) will operate at LOS F (460.5 sec/veh delay). - Produce Ave/101 southbound off-ramp (#8) will be LOS F (117.96 sec/veh delay). - Produce Ave/101 southbound on-ramp/Terminal Ct (#9) will operate at LOS E (41.7 sec/veh delay). - 101 northbound ramps/ S. Airport Blvd (#10) (LOS F, 199.1 sec/veh delay). - S. Airport Blvd/Utah Ave (#14) will operate at LOS F (176.0 sec/veh delay). - S. Airport Blvd/Belle Aire Rd (#18) will operate at LOS F (484.6 sec/veh delay) • Notable queuing will occur with the No Build 2045 conditions at the following intersection movements: - Produce Ave/US 101 southbound off-ramp (#8): The No Build AM 6,740-feet of queue on the off-ramp will extend back onto southbound US 101.	- S. Airport Blvd and Utah Ave (#14) AM LOS F (142.4 seconds delay) - San Mateo Ave and Tanforan Ave/Shaw Rd (#17) AM LOS E (43.6 seconds delay) - S. Airport Blvd and Belle Aire Rd (#18) AM LOS F (145.1 seconds delay) • **2045 Build PM.** - Airport Blvd and E. Grand Ave (#2) PM LOS E (58.8 seconds delay) - Dubuque Ave. and E. Grand Ave (#3) PM LOS E (55.6 seconds delay) - Gateway Blvd and E. Grand Ave (#5) PM LOS F (143.3 seconds delay) - Gateway Blvd and S. Airport Blvd/Mitchell Ave (#7) PM LOS F (363.1 seconds delay) - Produce Ave/101 southbound on ramp and Terminal Ct (#9) PM LOS F (59.9 seconds delay) - US 101 northbound off-/on-ramps and S. Airport Blvd (#10) PM LOS F (147.8 seconds delay) - S. Airport Blvd and Utah Ave (#14) PM LOS F (256 seconds delay) - Harbor Way and Utah Ave (#15) PM LOS E (47.1 seconds delay) - S. Airport Blvd and Belle Aire Rd (#18) PM LOS F (587 seconds delay) • Notable changes in delays and queue lengths will occur at the following intersections: – The southbound through queue at Produce Ave/Airport Blvd /San Mateo Ave (#6) would increase from 450 feet for the No Build Alternative to 1,600 feet under the Build Alternative during AM.	

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
	- US 101/northbound off and on-ramps/ S. Airport Blvd (#10): The No Build AM queue will be 7,770 feet, and PM will be 1,130 feet. The northbound off-ramp queue extends back onto northbound US 101. - The No Build PM southbound queuing from US 101/northbound off and on-ramps/ S. Airport Blvd (#10) will extend 5,500 feet beyond the Gateway Blvd and E. Grand Ave intersection (#5). - The No Build PM queue at Gateway Blvd and S. Airport Blvd/Mitchell Ave (#7) westbound through/right turn will extend to 7,660 feet and eastbound queue will extend to 980 feet. - The No Build PM northbound queue at S. Airport Blvd/Belle Aire Rd (#18) will extend to 9790 feet. - The eastbound queue at Produce Ave/Airport Blvd and San Mateo Ave (#6) will extend to 2620 feet in AM and 1,620 feet in PM peak hours.	- The US 101/Produce Ave southbound off-ramp (#8) would improve from LOS F to LOS C in AM and PM, with substantial reduction in the queue length in the AM peak hour (6,740-foot No Build backup reduced to 1,160 feet with Build). - The US 101/northbound off and on-ramps/ S. Airport Blvd (#10) will have queuing on all intersection approaches for No Build and Build (except Wondercolor Ln), but the inclusion of a right-turn overlap phase will reduce the ramp queue length for the Build alternative. - The northbound approach queue to US 101 northbound off- and on-ramps/S. Airport Blvd (#10) in AM and PM will extend beyond the Belle Aire Rd intersection (#18) under both No Build and Build Alternatives. Compared to No Build, the queues in the Build Alternative increase by 3,890 feet in AM and 1,960 feet in PM. - The Build PM southbound and westbound queues at S. Airport Blvd/Belle Aire Rd (#18) will extend to 1,580 feet and 960 feet. - The southbound queuing from US 101/northbound off and on-ramps/ S. Airport Blvd (#10) queuing that extends beyond the Gateway Blvd/E. Grand Ave intersection (#5) will be decreased from 5,500 feet to 2,920 feet with the Build Alternative in PM. - The westbound approach queue to Gateway Blvd and S. Airport Blvd /Mitchell Ave (#7) will see an increase of 2,370 feet in AM and 770 feet in PM, and the southbound queue will see an increase of 510 feet in AM and 430 feet in PM under the Build Alternative.	

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
		- The S. Airport Blvd /Utah Ave (#14) intersection westbound approach in PM will see an increased queue of 1,050 feet under the Build Alternative. This queue from intersection #14 will extend to the upstream Harbor Wy/Utah Ave (#15) intersection; the westbound queue at intersection #15 will extend to 850 feet. - The eastbound overcrossing approach at intersection #14 will back up because of the queue spillback from the #10 intersection in AM and PM peak hours. The northbound queue at San Mateo Ave/Tanforan Ave (#17) will extend to 840 feet in the AM peak hour. • **On-Street Parking Removal**. Parking on San Mateo Ave from the western end of the new Utah overcrossing to just south of the San Mateo/Produce/ S. Airport intersection would be removed on both sides/directions of San Mateo Avenue to add the second lane of northbound traffic. The businesses along San Mateo Ave have existing off-street parking, and the removal of on-street parking will allow for the additional northbound through lane, and room for Class II bicycle lanes. • **Vehicle Miles Traveled (VMT)**. The project was evaluated against Caltrans Transportation Analysis (TAC) criteria and guidelines, and determined would not likely induce substantial new VMT. The overcrossing will add a new segment of roadway, and would connect two minor arterials, but would carry volume characteristic of a collector street. New bike and pedestrian facilities will be provided and/or improved.	

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
Visual/ Aesthetics	None.	The Build Alternative would have moderate visual impacts to the project area. The most visible changes will be of the new structure, from adjacent land uses at the Produce Terminal, airport parking lots, and the Travelodge.	Project features and avoidance and minimization measures (AMMs) would be implemented to reduce the project's visual impacts. These project features include PF-BIO-03, 04, 07, 08, and 11, AMMs VIS-01 (Aesthetic Treatments) and VIS-02 (Construction Impact Measures), and AMMs BIO-02 and 03.
Cultural Resources	None.	Ground-disturbing activities during construction of the project could affect unknown buried cultural resources in areas adjacent to US 101. The Golden Gate Produce Terminal is eligible to the National Register of Historic Places. The changes associated with the project were evaluated and a Finding of No Adverse Effect determination was completed in consultation with the State Historic Preservation Officer (SHPO) (Appendix D). SHPO had no objection to the Finding of No Adverse Effect, and SHPO consultation was therefore concluded on September 13, 2022.	AMM CUL-01 would avoid or minimize impacts to cultural resources by providing protocol to be implemented in the event that cultural resources and/or remains are discovered during construction.
Hydrology and Floodplain	The interchange is within the Colman Creek floodplain, and a portion of it is subject to flooding during a 100-year flood event.	The project changes are not considered a significant floodplain encroachment. Most improvements in the project would be within the existing impervious area and would not change the 100-year floodplain. The amount of new impervious surface area added would not have an impact to the flows within the project's limits. Because the project would not have a significant encroachment into the base or 100-year floodplain, an "Only Practicable Alternative Finding" is not required.	None.

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
Water Quality and Storm Water Runoff	None.	The Build Alternative would disturb 4.62 acres of soil area, add 0.37 acres of new impervious area, and replace 3.60 acres of disturbed impervious area. The project would comply with standard practices to reduce impacts to water quality and would be in compliance with National Pollutant Discharge Elimination System (NPDES).	Project features PF-WQ-01, 02, and 03 would be implemented during design and construction to address stormwater runoff in compliance with Caltrans' municipal separate storm sewer system and NPDES permits.
Geology/Soils/ Seismic	Potential geological and seismic hazards have been identified in the project area, expansive soils, landsliding, flooding, settlement, liquefication, and lateral spreading.	It is not anticipated that the Build Alternative would exacerbate these conditions, nor expose additional people to these risks.	Project features PF-GEO-01 and 02 would be implemented during design and construction to address potential geological and seismic hazards.
Paleontology	Three fossil localities are potentially in the regional vicinity of the project location, However, paleontological resources are unlikely at the project site as it is almost entirely underlain by artificial fill and Holocene-age deposits (that are not considered sensitive for paleontological).	The project would require subsurface excavation and installation of deep foundation piers for the new bridge structure. The potential for encountering intact, significant fossils is low.	Project feature PF-PAL-01 would be implemented to provide adequate awareness training to workers.
Hazardous Waste/Materials	Previously contaminated sites and properties were identified at or near the project location.	Construction of the project could result in the potential disturbance of hazardous materials. Soil and groundwater testing would be conducted prior to construction, excavated soils and groundwater would be tested for proper disposal requirements, and soils determined to have lead contamination (associated with past use of lead in gasoline) will be tested and managed according to established procedures. No long-term impacts are expected to occur.	Project features PF-HAZ-01, 02, 03, and 04 would be implemented during design and construction to address potential contamination hazards.

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
Air Quality	The project is located in a federal nonattainment area for ozone and particulate matter ($PM_{2.5}$).	The project is included in regional air quality programs and plans that address regional air quality attainment requirements. Consultation was completed with the Bay Area Air Quality Conformity Task Force, who determined the project is not a Project of Air Quality Concern. When compared to both existing conditions and the No Build Alternative, regional emissions under the Build Alternative would be lower. Short-term construction emissions would occur, but were estimated to be below the Bay Area Air Quality District's (BAAQMD) emission thresholds.	Project features PF-AIR-01 and 02 would be implemented as construction best practices for dust and exhaust.
Noise	Existing noise levels will increase by 1 A-weighted decibels (dBA) by 2045 (due to future increases in local and regional traffic not caused by the project).	Noise levels would increase by up to 6 dBA over existing conditions and by up to 5 dBA over No Build conditions. The increase over No Build conditions is because the project adds a new elevated roadway alignment in the vicinity of several hotels and other land uses. The noise study evaluated all noise sensitive land uses near the project, and identified locations that exceed Caltrans noise abatement criteria (with and without the project). Only one of these locations (an outdoor pool area at a hotel) met the noise abatement criteria for feasible noise reduction. A solid 6 foot minimum height wall was evaluated surrounding the outdoor pool area. Noise levels would meet noise abatement criteria at this location and would achieve minimum reduction goals. However, that location would not meet the criteria for reasonableness based on the cost of installing the wall, the wall would have to be maintained on private property, and it was not recommended for inclusion in the project design. Construction would have temporary noise impacts, including impacts from pile driving.	Project features PF-NOI-01 and 02 would be implemented as best practices for construction noise and vibration.

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
Energy	None.	Operational direct energy consumption would be reduced by 2045 for the Build Alternative as compared to the No Build and existing conditions. Construction would require a one-time commitment of energy.	None.
Natural Communities	The project setting is highly urbanized. Few natural communities exist. Colma Creek passes through the project area, and is a concrete lined channel.	No work will take place within Colma Creek or its banks. Vegetation within the project area consists primarily of previously disturbed areas; the majority of vegetated areas are landscaped areas within urban development and feature hydro-seeded or planted species. Some of the landscaped areas would be impacted, but are not considered sensitive habitat. The Build Alternative is not anticipated to lead to impacts to sensitive natural communities.	Project features as well as avoidance and minimization measures would be implemented to reduce the potential for impacts to natural communities. These would include project features PF-BIO-01 through 11, and AMMs BIO-01, 02, and 03.
Wetlands and Other Water	A single water body passes through the project location, Colma Creek, which is channelized and at least partially concrete lined.	No in-water work is planned for the Build Alternative and permanent impacts to Colma Creek would be avoided.	AMM BIO-04, Environmentally Sensitive Area (ESA) at Colma Creek, would avoid or minimize potential impacts to Colma Creek through establishment of an ESA boundary along the top of the channel. No work will be allowed within the creek.
Plant Species	None.	Because of the low potential for sensitive plant species to occur in the BSA or to be affected by the project, effects on special-status plants are not anticipated.	None.
Animal Species: State Species of Special Concern	American Peregrine Falcons and Alameda Song Sparrows were identified as potentially occurring in the regional area.	Due to a lack of suitable habitat, it is unlikely that the project would affect animal species.	AMM BIO-05, Preconstruction Nesting Bird Surveys, would avoid or minimize potential impacts to nesting American Peregrine Falcons and Alameda Song Sparrows during construction.
Threatened and Endangered Species	North America green sturgeon southern Distinct Population Segment (DPS) (*Acipenser medirostris*) is the only threatened or endangered species with limited potential to occur.	No impacts to threatened and endangered species are likely under the Build Alternative. No work is proposed in Colma Creek, and it would be designated as an ESA.	AMMs BIO-01 and BIO-4 would reduce the potential for adverse impacts to green sturgeon Southern DPS during construction.

Affected Resource	Potential Impact: No Build Alternative	Potential Impact: Build Alternative	Project Features, Avoidance, Minimization, or Mitigation Measures
Invasive Species	None.	No substantial impacts from non-native invasive plant species is anticipated as part of the Build Alternative. AMM BIO-1 would further reduce the potential for impacts.	Project feature PF-BIO-09 would provide controls for invasive plant species encountered during construction.
Wildfire	Existing wildfire hazards are low in the project area. The No Build Alternative would not change fire risk conditions.	The project would not change fire risk conditions and it would not change the alignment of US 101.	None.
Climate Change	The No Build Alternative would have lower greenhouse gas (GHG) emissions than existing conditions.	The Build Alternative is anticipated to have lower GHG emissions than both existing conditions and the future No Build Alternative.	None.
Cumulative Impacts	Two other highway improvement projects (US 101 Managed Lanes north of I-380, and US 101 Managed Lanes South of I-380 to Santa Clara County) were identified. In addition, Thirty other development projects were identified within one mile of the project location. All of these projects are independent of the proposed US 101/Produce Avenue Interchange project.	Caltrans guidance was followed for evaluation of cumulative impacts. Visual cumulative impacts were further considered, as the area is highly commercialized with development and additional development projects will continue to infill or increase the urban character and appearance of the area. These other highway and development projects are not anticipated to adversely change the visual character cumulatively with the proposed project or in combination with other projects. Relocation impacts were also considered. The proposed project would require 2 full property acquisitions; partial property acquisitions from 10 properties; 14 temporary construction easements to accommodate new walkways, new overcrossing, roadway widening, and new driveway; one permanent easement (at an underground pipeline); and three aerial easements (to allow raising of overhead powerlines). The project's direct acquisition and relocation impacts are considered adverse, but no additional adverse cumulative impacts are foreseeable with other cumulative development. The area is expected to continue to thrive as a productive commercial sector of the city.	None.

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Chapter 1 Proposed Project

1.1 Introduction

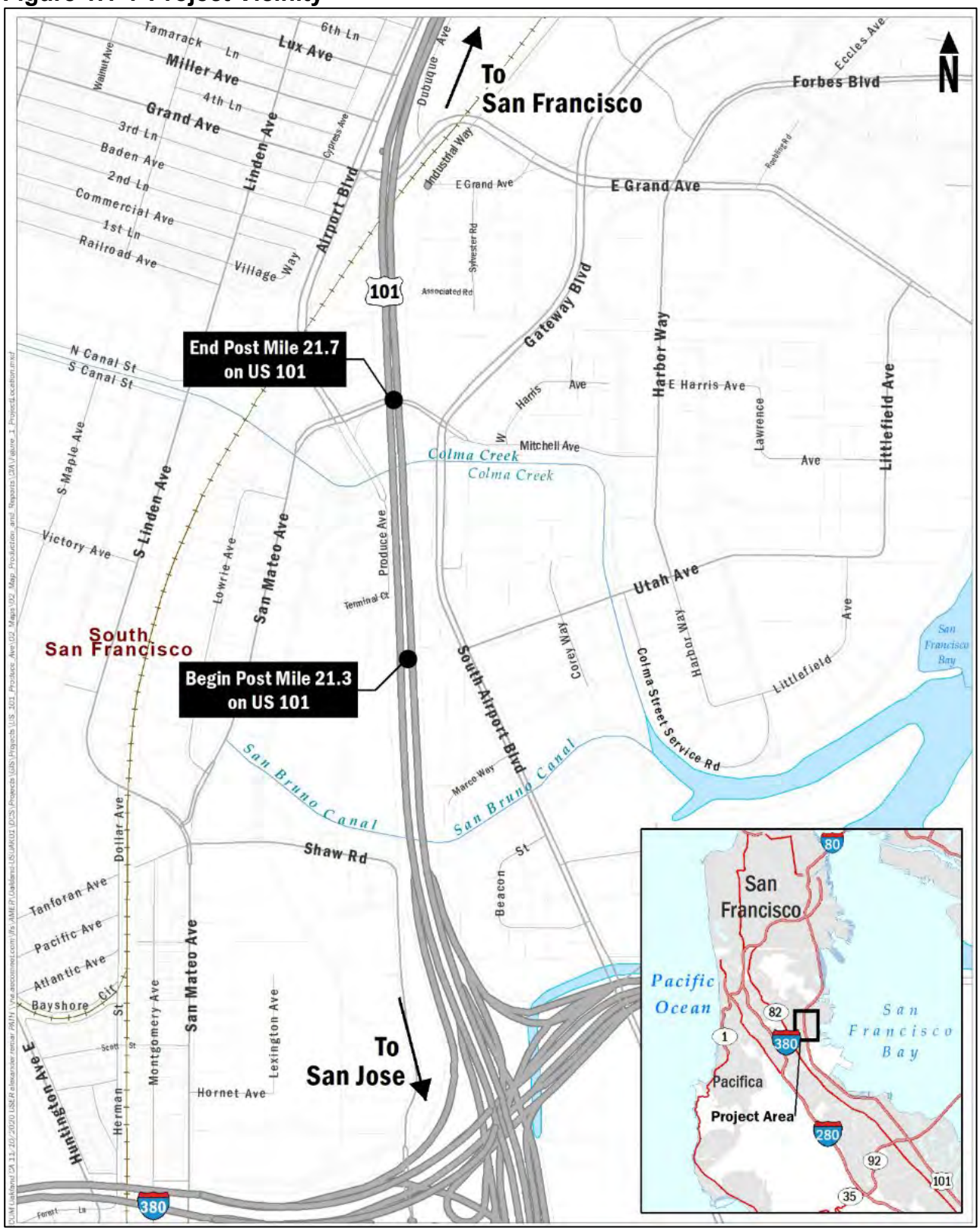
Caltrans, as assigned by the Federal Highway Administration (FHWA), is the lead agency under the National Environmental Policy Act (NEPA). Caltrans is also the lead agency under the California Environmental Quality Act (CEQA).

The City of South San Francisco and the San Mateo County Transportation Authority (SMCTA) are the sponsors of the United States (US) 101/Produce Avenue Interchange Project (the project) in the City of South San Francisco, within the County of San Mateo. The project would construct a new overcrossing of United States Highway 101 in the City of South San Francisco. The new overcrossing, referred to as the Utah Avenue extension, would connect the Utah Avenue/South Airport Boulevard intersection on the east side of US 101 to San Mateo Avenue on the west side of US 101. The intersections of Utah Avenue/South Airport Boulevard and San Mateo Avenue would also be reconstructed to include turning lanes, and to connect to the new overcrossing by a through lane on San Mateo Avenue. The Airport Boulevard/Produce Avenue/San Mateo Avenue intersection on the west side of US 101 would also be modified or reconstructed. San Mateo Avenue between the new Utah Avenue/San Mateo Avenue intersection and the Produce Avenue/ Airport Boulevard/San Mateo Avenue intersection will be restriped to provide a new northbound lane and Class II bicycle lanes in each direction; on-street parking will be restricted to allow for the new northbound traffic lane and bicycle lanes. A detailed description of the proposed changes is included in Section 1.3.1. The project area is shown in Figure 1.1-1.

The project area is between the US 101/East Grand Avenue interchange (0.7 mile to the north) and the US 101/Interstate 380 (I-380) interchange (0.5 mile to the south). San Francisco International Airport is located approximately 2.5 miles to the south. US 101 at the project location has four general purpose lanes in each direction. In the southbound direction, an auxiliary lane exits at the connector ramp to I-380. In the northbound direction, there are auxiliary lanes that connect to the on- and off-ramps at South Airport Boulevard.

Within the project area resides the Golden Gate Produce Terminal, which was constructed in November 1962. The Golden Gate Produce Terminal is believed to be the largest and busiest produce terminal in Northern California. In 2015, 23 independent and family-owned businesses operated at the Market, including wholesalers, jobbers, commission merchants, brokers, food service distributors, processors, and one restaurant. A discussion of this site and its potential historical status is included in Section 2.2.1 below.

Figure 1.1-1 Project Vicinity



Currently, within the City of South San Francisco, there are three east-west connections across US 101 – Oyster Point, Grand Avenue, and Produce Avenue/South Airport Boulevard (South Airport Boulevard undercrossing of US 101).

- The Oyster Point interchange/overpass primarily serves the north end of the city.
- The Grand Avenue interchange serves the downtown area, including the Caltrain station. The southbound on-ramp is missing at this interchange.
- The South Airport Boulevard undercrossing serves the southern portion of the City.

The City of South San Francisco developed a list of potential projects and service improvements, based on stakeholder research and City and peer agency staff input, in order to improve east-west transportation connections. The major infrastructure improvements identified to serve future traffic conditions included a new Utah Avenue extension and improvements to alleviate congestion at South Airport Boulevard/Produce Avenue. Originally, the project was intended to include ramp improvements in the vicinity of Produce Avenue, hence the project name. However, the purpose and need has since been updated, with the project being refocused on building an overcrossing structure and improvements at adjacent intersections.

This project is included in the Metropolitan Transportation Commission's (MTC) fiscally constrained 2021 Transportation Improvement Program (TIP; MTC 2021, TIP ID SM-110003). It is also included in the MTC Regional Transportation Plan (RTP), Plan Bay Area 2050 (ABAG and MTC 2021, RTP ID 21-T06-027).

1.2 Purpose and Need

1.2.1 Purpose of the Project

The purpose of the proposed project is twofold. It would provide an additional local east-west connection across US 101 that provides benefit to all modes of transportation in the project area, and accommodate future planned growth in the City of South San Francisco and vicinity of the project area.

1.2.2 Project Need

The “East of US 101 Area” within the project limits is among the Bay Area’s fastest growing employment districts. Home to approximately 28,000 employees, the area represents an international hub for life science and biotechnology as well as a regional center for industry, logistics, and travel. Over the next two decades, the City expects to add over 13 million square feet of mostly office and research and development (R&D) space, roughly doubling its daytime population to over 55,000 employees. Approximately half of this growth is already approved or under construction, while the remainder is expected to be approved and developed in the future (City of South San Francisco 2019).

Doubling employment would increase travel demand in this area to about 50,000 person trips during peak periods by year 2040 (City of South San Francisco 2019). The City will require new transportation development to meet demand, including

projected employment growth in the area that is predicted to add 16,000 new daily vehicle trips during peak periods.

The “West of US 101 Area” within and adjacent to the project limits has seen a large amount of development. This includes 11 developments either completed or entitled for multi-story residential buildings and hotels composed of 1,783 units and a four-story, 7,000-square-foot clinic.

An investment in overall transportation infrastructure and services is needed to accommodate and realize the expected future growth. The area’s few points of east-west vehicle access/connections constrain travel, while active transportation options are limited. The City’s General Plan includes the project in its Lindenville Planning Subarea as “a new interchange at South Airport Boulevard” (City of South San Francisco 1999, Section 3.2-I-14). The General Plan also includes the potential for a future extension of Victory Avenue connecting to US 101 (at the proposed Produce Avenue interchange) and an extension of Shaw Road, which could connect to Produce Avenue.

The existing east-west connections across US 101 within the City of South San Francisco may not be able to accommodate future traffic demands. The interchanges and the undercrossing currently operates close to capacity. The US 101/Produce Avenue Project is proposed to address the City’s need for a new east-west connection across US 101.

In addition to relieving anticipated traffic congestion, the project is needed to accommodate active transportation. There are few non-vehicle transportation options that cross US 101 within the project area of South San Francisco. At Produce Avenue/South Airport Boulevard, the South Airport Boulevard undercrossing is a designated Class III facility in the City’s bike plan (the roadway shoulder is not striped). San Mateo Avenue is also a non-striped Class III bike shoulder, as is Utah Avenue (Utah Avenue is marked with “sharrow” symbols designating a preferred bike route where the lane is shared with bikes). Gateway Boulevard (which connects to South Airport Boulevard) is a Class II bike facility (striped but not physically separated). Therefore, bicyclists needing to cross US 101 within the project area are limited to the South Airport Boulevard undercrossing, where they ride alongside traffic in the unmarked shoulder.

Regional bicycle and pedestrian facilities connecting to or nearby the project area are the Bay Trail, which is a Class I (separated from traffic lanes) bicycle/pedestrian shared path that extends along the San Bruno Canal to South Airport Boulevard (near Costco). To link to the Bay Trail, bicyclists using Caltrain or the San Bruno BART station, or from any location in the southern portion of South San Francisco, can only cross US 101 at the South Airport Boulevard undercrossing, or alternatively travel north or south to use the San Bruno Avenue overcrossing in San Bruno or the Grand Avenue undercrossing.

1.2.3 Independent Utility and Logical Termini

FHWA regulations (23 Code of Federal Regulations [CFR] 771.111 [f]) require that the project be evaluated for independent utility and logical termini. “Logical termini” for a project are defined as rational end points for transportation improvements. These rational end points help facilitate a thorough review of environmental effects. Having “independent

utility" means a project's improvements are usable and constitute a reasonable expenditure, even if no additional transportation improvements are made in the area.

1.2.3.1 Logical Termini

The project will not connect to or affect US 101, and therefore the limits on the freeway are focused on where an overcrossing could pass over the freeway and connect between Utah Avenue and San Mateo Avenue. The western and eastern limits were defined to allow consideration of how a new overcrossing of US 101 would connect to local roads and meet the purpose of serving the commercial and business traffic in this area. The western project limit is San Mateo Avenue. It is the nearest arterial that serves this commercial area and provides a connection to the South Linden Avenue business and commercial district. It extends along San Mateo Avenue to South Airport Boulevard to include the turning lanes at this intersection, and consideration for connections for bicycles. Produce Avenue and Airport Boulevard, also on the west side of US 101, were included within the western project limits to consider local street improvements and connections to the US 101 southbound on-ramp, and provide access to the commercial land uses on the west side of US 101.

1.2.3.2 Independent Utility

The project would require no other improvements to provide the transportation connection served by the proposed overcrossing and intersection improvements. The project would provide a new east-west connection across US 101, new facilities for pedestrians and bicyclists, and improvements at adjacent intersections. The project does not restrict consideration of nor depend upon other foreseeable transportation projects, including the US Highway 101 Managed Lanes North of I-380 Project.

1.3 Project Description

This section describes the proposed project that was developed by a multidisciplinary team to achieve the identified purpose and need of the project, while avoiding or minimizing environmental impacts. One Build Alternative is considered in this document, and would construct a new overcrossing of US 101 connecting the Utah Avenue/South Airport Boulevard intersection and San Mateo Avenue. The No Build Alternative was also considered for comparison.

1.3.1 Build Alternative

The Build Alternative would construct a new overcrossing with two lanes in each direction extending Utah Avenue westerly over US 101 to connect with San Mateo Avenue. The existing intersections at South Airport Boulevard/Utah Avenue and San Mateo Avenue/Utah Avenue would be reconstructed to include additional turning lanes and connect to the new overcrossing. The existing Airport Boulevard/Produce Avenue/San Mateo Avenue intersection would also be modified to include new through lanes and turning lanes. All three of these intersections would have increased capacity for vehicles passing through or turning.

The project will add an additional northbound lane of traffic on San Mateo Avenue from the west end of the proposed Utah Avenue overcrossing to south of the Airport Boulevard/Produce Avenue/San Mateo Avenue intersection. The existing on street parking on San Mateo Avenue will be prohibited on both sides between the new Utah Avenue intersection and the Airport Boulevard/Produce Avenue/San Mateo Avenue intersection, to accommodate the new northbound lane and bicycle lanes in each direction (described in Section 1.3.1.1). The Build Alternative is shown in Figures 1.3.1-1 through 1.3.1-4.

1.3.1.1 Bicycle and Pedestrian Facilities

The Build Alternative would include the following new bicycle and pedestrian facilities:

- Class II bicycle lanes would be constructed in each direction on Utah Avenue between San Mateo Avenue and South Airport Boulevard. Bicycle lanes would also extend for several hundred feet north and south on South Airport Boulevard and Utah Avenue east of South Airport Boulevard.

- Class II bicycle lanes would be constructed in each direction on the east side of San Mateo Avenue from the west end of the new Utah Avenue overcrossing to south of the South Airport Boulevard/Produce Avenue/San Mateo Avenue intersection.

- Sidewalks would be constructed on the overcrossing and would extend along Utah Avenue on both sides of US 101 connecting to pedestrian facilities at the Utah Avenue/San Mateo Avenue intersection west of US 101 and the Utah Avenue/South Airport Boulevard intersection east of US 101.

- Signalized crosswalks would be constructed at the intersections of Utah Avenue/South Airport Boulevard and Utah Avenue/San Mateo Avenue.

- The signal at the intersection of South Airport Boulevard/Produce Avenue/ San Mateo Avenue would be modified to accommodate complete streets design. Class II bicycle lanes would be added to San Mateo Avenue and South Airport Boulevard at this intersection to separate bikes from vehicles making right turns. The existing crosswalks and sidewalks at this intersection would be replaced, and pedestrians would have access to each quadrant of this intersection.

All the improvements would be designed following the applicable provisions of the Americans with Disabilities Act (ADA). The proposed bicycle and pedestrian facilities can be seen in Figure 1.3.1-2.

Figure 1.3.1-1 Build Alternative

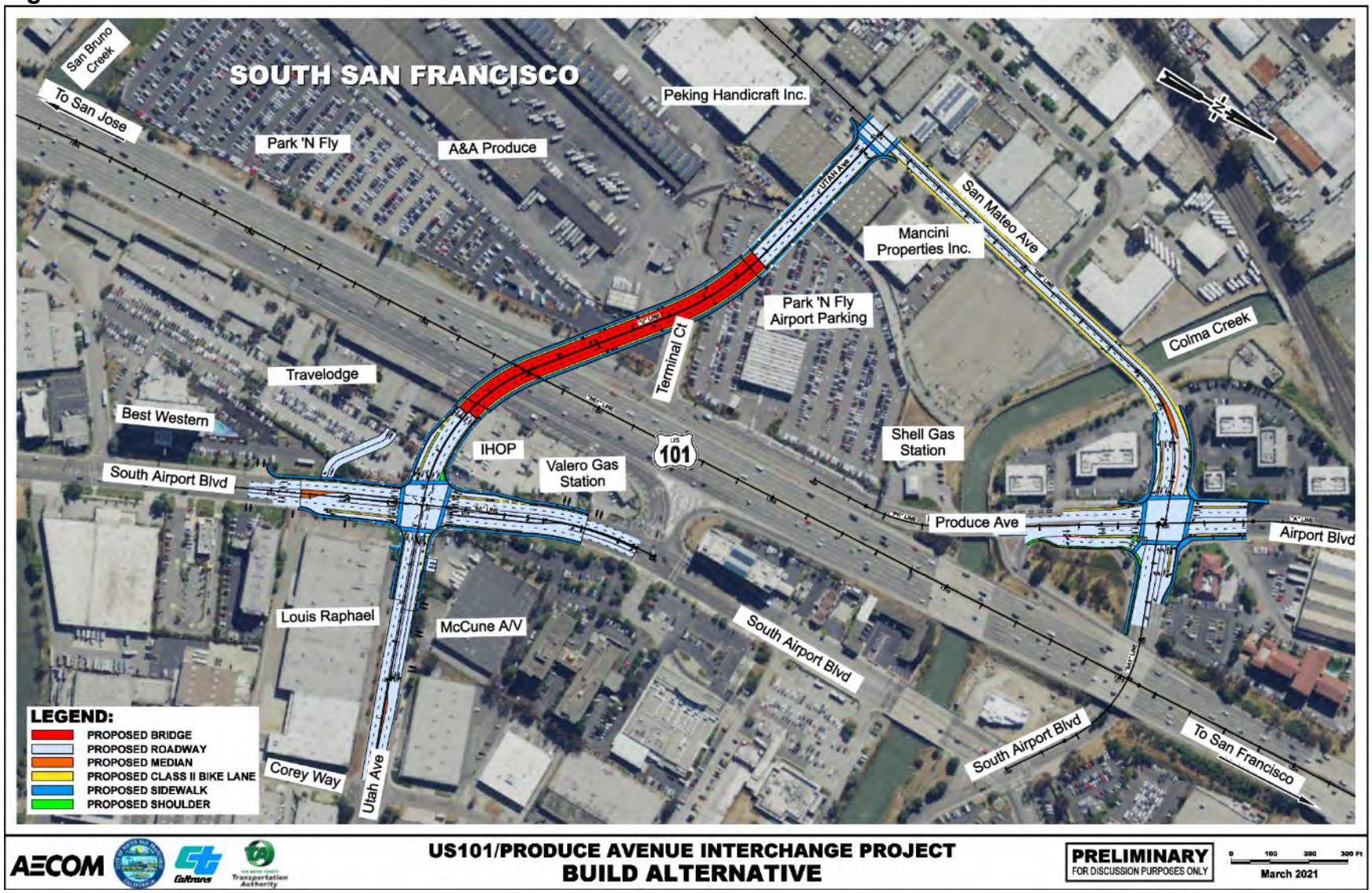


Figure 1.3.1-2 Proposed Utah Avenue/South Airport Boulevard Intersection

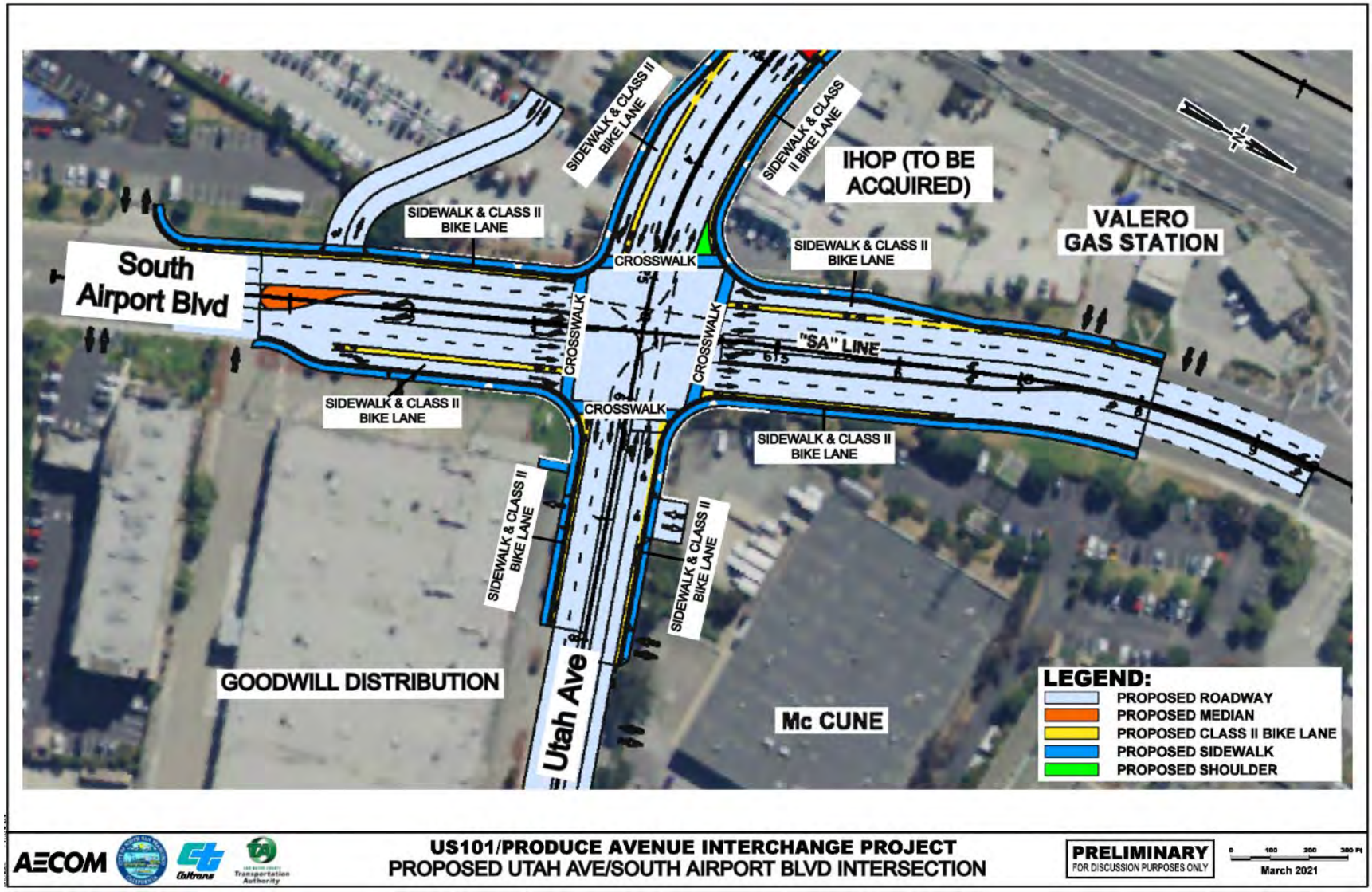


Figure 1.3.1-3 Proposed Utah Avenue/San Mateo Avenue Intersection

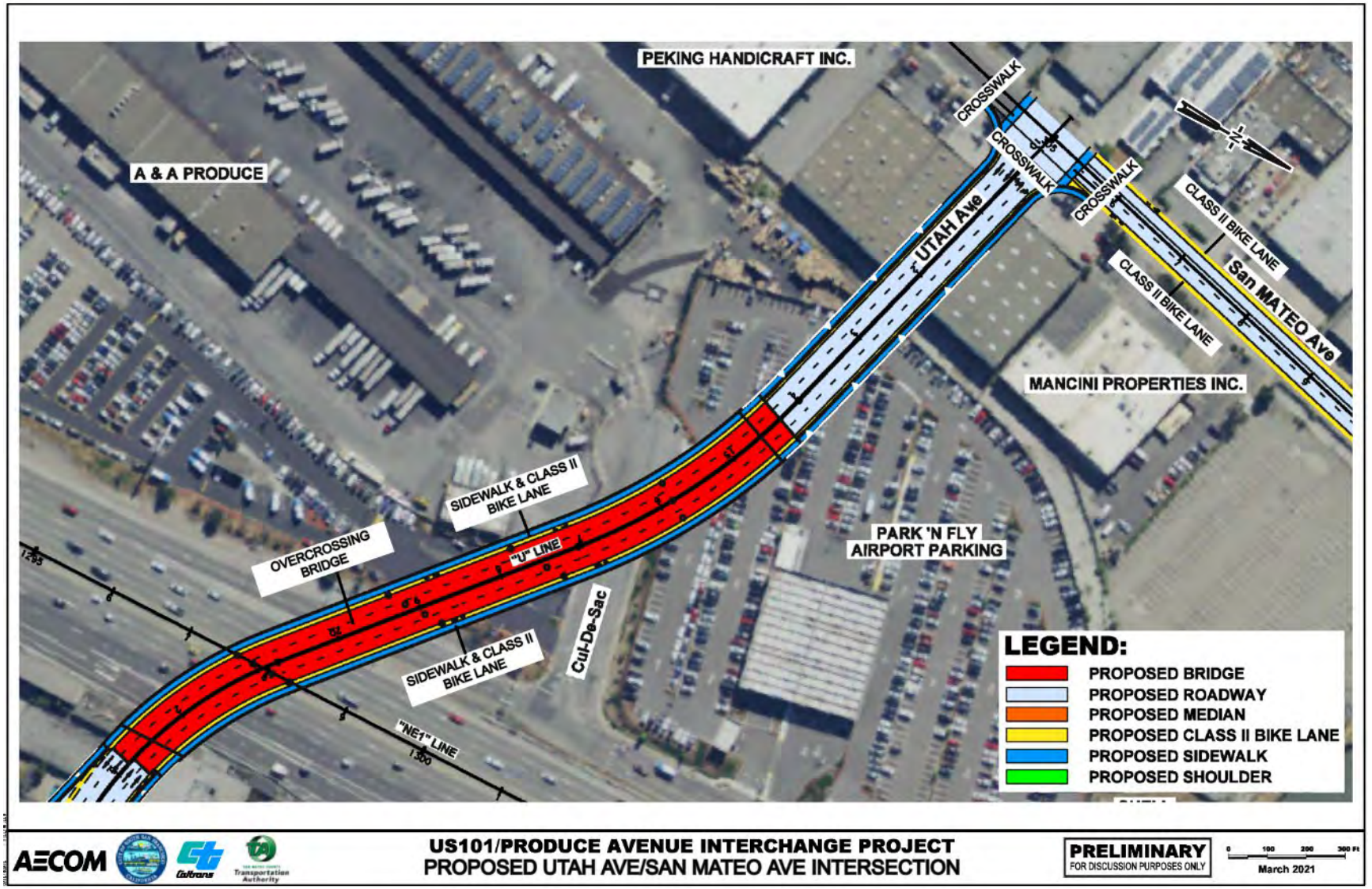


Figure 1.3.1-4 Proposed San Mateo Avenue/Produce Avenue/Airport Boulevard Intersection

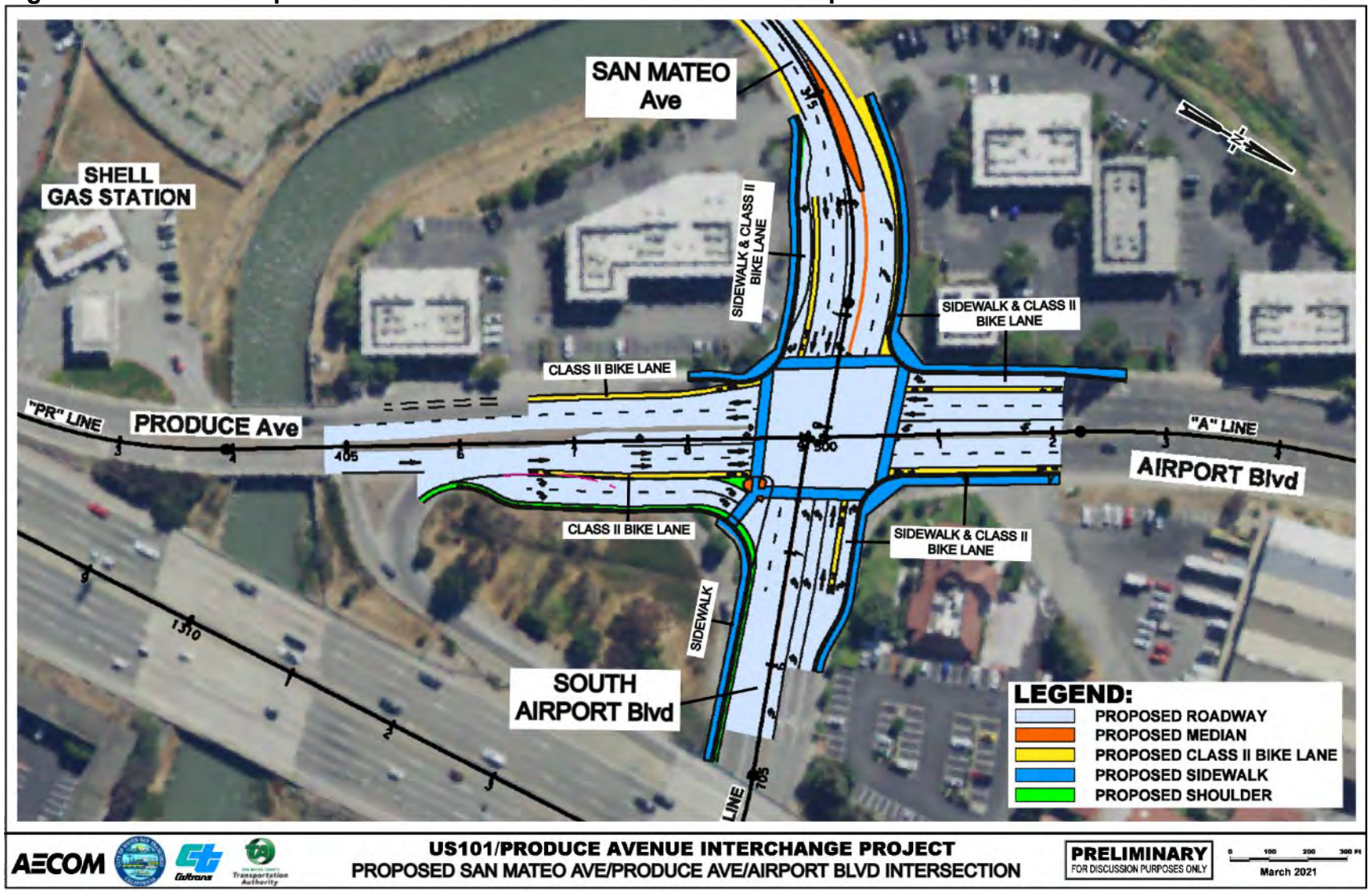


Figure 1.3.1-2 Visual Simulation of Utah Avenue with the Build Alternative

1.3.2 Project Construction

The following activities and components are anticipated to be included as part of project. The project construction would take approximately two years to complete. Ramp, lane, and partial freeway closures may be required during falsework placement/removal operations.

1.3.2.1 Right-of-Way Acquisition

The Build Alternative would require the full acquisition of two parcels and partial acquisitions from industrial and commercial properties. Temporary construction easements (TCEs) would be needed for construction access and staging. There would be 2 full property acquisitions, partial property acquisitions from 10 properties, and 14 temporary construction easements. The right-of-way requirements are described in more detail in Section 2.2.5.3. The right-of-way acquisition process would not occur until after a decision is made on the preferred alternative, public review and consideration of all comments received, and the environmental document and project are approved.

1.3.2.2 Structures

A new overcrossing would be constructed over US 101 and would extend over Terminal Court. The overcrossing would provide two lanes in each direction as well as sidewalks and Class II bicycle lanes. The overcrossing would span from the east side of US 101 and extend over Terminal Court. As shown in Figure 1.3.1-1, the red portion of the span would be elevated while the non-red portion would be on fill and retaining

walls that descend to connect at South Airport Boulevard and San Mateo Avenue. A portion of the span on the west side of US 101 would be supported on piles. It is anticipated that the maximum subsurface depth for the construction of the overcrossing would be approximately 60 feet or more, depending on whether driven or drilled piles are used. Structures would be designed with appropriate aesthetic treatments, per measure VIS-01. Such aesthetic treatments would reflect the character of the community, be developed in cooperation with the City of South San Francisco, and enhance compatibility with existing visual resources in the area.

1.3.2.3 Retaining Walls and Concrete Barriers

Utah Avenue and South Airport Boulevard would be raised to conform to the proposed new overcrossing of US 101 profile. Figure 1.3.1-1 provides a preliminary exhibit of the project. The approaches to the structure would be on fill with retaining walls varying in elevation up to 20 feet high. As with structures, any retaining walls and concrete barriers included as part of the Build Alternative would be designed with appropriate aesthetic treatments.

The retaining walls would be visible from the freeway and neighboring properties and would be architecturally treated to enhance their appearance. The treatment design would be determined during final design in consultation with the City of South San Francisco. Vertical impacts would extend approximately 6 to 10 feet deep for the retaining walls and 3 feet for concrete barriers. These impacts would be entirely in fill.

1.3.2.4 Utilities

There are three pairs of existing 115 kilovolt (KV) overhead electrical lines that are parallel to, and approximately 200 feet east of, the northbound US 101 freeway. Because South Airport Boulevard would be elevated to conform to the proposed new US 101/Produce Avenue overcrossing, the overhead lines would need to be raised by PG&E to maintain the required clearance above these local roadways. This can be achieved by increasing the height of the existing steel lattice towers. This would require restringing the powerlines once the towers have been raised. Once completed, the electrical towers and lines would be similar in appearance to the existing facilities. Electrical service would be maintained during this operation.

Underground and overhead utility/electrical lines, gas, water, and sanitary sewer facilities are located within the project area, along or within the local roadways. Where necessary, these utilities would be relocated to accommodate the project. It is anticipated that utility installation would entail approximately 4 to 6 feet of subsurface disturbance.

1.3.2.5 Lighting

To provide improved roadway visibility, the project would provide new highway lighting on the new overcrossing and provide enhanced signage and pavement delineation.

The maximum height of the lighting would be 35 to 40 feet. The actual spacing and number of lights in the project corridor will be determined during detailed project design in coordination with the Caltrans Traffic Safety unit.

1.3.2.6 Construction Staging

Temporary nighttime closures would be required along US 101 for the construction of the median bent, placement and removal of bridge falsework and the placement of precast bridge segments. The reconstruction of the local intersections to accommodate additional turning lanes, through lanes, signals, pedestrian improvements, and bicycle lanes would require staging, temporary lane closures or detours, and possible night-time work.

As part of standard practices, a Transportation Management Plan (TMP) would be prepared during the design phase of the project to address traffic disruptions from project construction. The TMP would include outreach to inform local jurisdictions, agencies, and the public of the times and locations of upcoming construction, construction signs in and approaching the project area, and incident management for traffic control in the vicinity of construction activities. Access would be maintained for emergency response vehicles.

1.3.2.7 Project Funding

The proposed project's current phase is funded by the San Mateo County Transportation Authority Measure A funds and the City of South San Francisco. The design (Plans, Specifications and Estimates or PS&E) phase is funded with $5 million of State Transportation Improvement Program/Regional Improvement Program funds, and with local funds. The $5 million is programmed Federal Aid Highway Funds, and triggers federal involvement in the project, including compliance with NEPA review requirements. The City of South San Francisco is working with local, state, and federal agencies to identify funding sources for the construction of the project.

1.3.3 Transportation System Management (TSM) and Transportation Demand Management (TDM) Alternatives

TSM strategies increase the efficiency of existing facilities; they are actions that increase the number of vehicle trips a facility can carry without increasing the number of through lanes. Examples of TSM strategies include: ramp metering, auxiliary lanes, turning lanes, reversible lanes, and traffic signal coordination. TSM also promotes automobile, public and private transit, ridesharing programs, and bicycle and pedestrian improvements as elements of a unified urban transportation system. Modal alternatives integrate multiple forms of transportation modes, such as pedestrian, bicycle, automobile, rail, and mass transit.

Although Transportation System Management measures alone could not satisfy the purpose and need of the project, the following Transportation System Management measures have been incorporated into the build alternatives for this project:

- Bicycle and pedestrian facilities are incorporated into the overcrossing and the intersection improvements. These facilities will provide an improved and additional connection across US 101 for pedestrians and bicyclists, that helps connect to the San Francisco Bay Trail by way of South Airport Boulevard or Utah Avenue (the Bay Trail is located to the east of the project).

- Ramp metering rates for the northbound US 101 on-ramp from South Airport Boulevard will be increased in 2025 (from existing), and will then be increased again in 2045. Rates between No Build and Build alternatives will remain the same.

TDM focuses on regional means of reducing the number of vehicle trips and vehicle miles traveled as well as increasing vehicle occupancy. As the project is limited to an overcrossing and intersection improvements, it will not affect vehicle occupancy. The traffic modeling performed for the project did indicate a slight reduction in vehicle miles traveled (VMT), likely associated with drivers being able to reduce overall trip length by using the overcrossing.

1.3.4 No Build Alternative

The No Build Alternative assumes no modifications would be made to the current Utah Avenue or improvements made to local roadway intersections, other than routine maintenance and rehabilitation of the facility and any currently planned and programmed projects within the City of South San Francisco. City of South San Francisco Adaptive Timing Project, which optimizes the signal timings on a traffic demand basis, is also considered in the No Build analysis for 2025 and 2045. The No Build Alternative would not provide a local east-west connection across US 101 to help serve commercial and pedestrian traffic. It would not enhance vehicular, pedestrian or bicycle safety.

1.3.5 Comparison of Alternatives

The Build Alternative would construct the proposed overcrossing of US 101, and modify the intersections at South Airport Boulevard/Utah Avenue, San Mateo Avenue/ Utah Avenue, and Airport Boulevard/Produce Avenue/San Mateo Avenue. An additional northbound lane of traffic and Class II bicycle lanes in each direction would be added on San Mateo Avenue from the western end of the proposed Utah Avenue overcrossing to south of the Airport Boulevard/Produce Avenue/San Mateo Avenue intersection. The existing on street parking on San Mateo Avenue will be prohibited on both sides between the new Utah Avenue intersection and the Airport Boulevard/ Produce Avenue/San Mateo Avenue intersection, to accommodate the northbound lane and bicycle lanes. The overcrossing and intersection improvements would provide an additional crossing of US 101 in South San Francisco that would allow traffic to redistribute within the project area to use the overcrossing and intersection improvements. Property acquisitions would be required as identified in this document, including two full property acquisitions, partial property acquisitions, and TCEs. Affected property owners will be compensated for business losses in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970.

In comparison, as noted in Section 1.3.4, the No Build alternative would not make these proposed traffic, pedestrian, and bicycle circulation changes.

1.3.6 Identification of the Preferred Alternative

After the public circulation period, all comments were considered (see Appendix K for comment letters and responses). Caltrans identified the Build Alternative as the preferred alternative, and made the final determination of the project's effect on the environment. Under CEQA, Caltrans certified that the project complies with CEQA. Caltrans filed a Notice of Determination with the State Clearinghouse that the project would not have significant impacts, and identified measures that were included as conditions of project approval. Similarly, Caltrans, as assigned by the FHWA, determined that the NEPA action does not adversely impact the environment, and has issued a Finding of No Significant Impact (FONSI).

The preferred alternative will provide a new east-west connection across US 101. It will supplement the existing Airport Boulevard undercrossing of US 101, providing an elevated overcrossing of the freeway that will connect San Mateo Avenue with Utah Avenue, within the Eastside business area of South San Francisco. This business area supports life science and biotechnology, visitor services, airport-related commercial businesses, and warehouse services. The overcrossing and intersection improvements will help to serve these existing and planned land uses, and help consolidate in fill growth in this already developed commercial area of South San Francisco. The project will also serve all modes of transportation seeking to cross or access US 101: cars and trucks, bicycles, and pedestrians.

The preferred alternative was identified following extensive review of other alternatives, described in more detail in Section 1.3.7. The other build alternatives that were considered involved additional ramp connections to or from US 101. The other alternatives considered would have generally had greater land use impacts because of the more expansive footprint of the interchange designs and/or because they would have additional adverse traffic impacts or constraints. The identified preferred alternative provides the additional US 101 overcrossing without introducing new freeway interchange ramps; provides reconstructed local intersections with additional turning lanes; adds one additional northbound lane and Class II bicycle lanes in each direction on San Mateo Avenue between the Utah Avenue overcrossing and the San Mateo Avenue/Produce Avenue/Airport Boulevard intersection; and incorporates improved bicycle and pedestrian facilities in each of the proposed reconstructed roadway segments and intersections.

1.3.7 Alternatives Considered but Eliminated from Further Discussion Prior to Draft Environmental Impact Report/Environmental Assessment

Alternatives were considered during the early stages of project development but were eliminated because they would not meet the project's purpose and need, or were considered infeasible. The following describes these alternatives and why they were not advanced for further evaluation.

1.3.7.1 Reversible Lanes

In 2016, California's Governor signed AB 2542 into law requiring Caltrans to demonstrate that reversible lanes have been considered for any project that would increase capacity or realign a highway. Reversible lanes are lanes that can be used in either direction, depending on the flow of traffic and congestion patterns. Barriers (including movable median barriers), signals, or lighting may be used to direct or separate opposing traffic flow.

The proposed project will not affect the alignment of US 101, add any through lanes, or otherwise change the capacity of the freeway. Reversible lanes on US 101 therefore were not considered.

1.3.7.2 Alternative 1 – Braided US 101 Southbound Off-Ramp

Alternative 1 would shift the existing southbound Produce Avenue on-ramp northerly to improve the weaving distance to I-380. The existing southbound off-ramp would be closed and replaced by a new diagonal off-ramp grade that would connect to the new overcrossing. The southbound off-ramp would begin as a single lane ramp and widen to two lanes, providing off-ramp storage improvement. A new local road would be constructed starting just before the southbound on-ramp and ending west of Utah Avenue extension. The existing Terminal Court would be closed.

Alternative 1 would increase capacity for the southbound off-ramp by constructing a new clear-span bridge over Colma Creek and Produce Avenue. It would also provide connectivity and circulation with the west-side of the freeway and the proposed Utah overcrossing, and reduce traffic on Airport Boulevard between Produce Avenue and Gateway Boulevard. The cul-de-sac would have to extend parallel to the proposed Utah Avenue to provide access to the Park 'N Fly lot adjacent to US 101. However, because of the cul-de-sac, there would be necessary right-of-way takes at the produce market and therefore a refined version of this alternative was created (Alternative 5).

Alternative 1 was eliminated because the isolated off-ramp has potential for wrong way movements. In addition, the proposed cul-de-sac on the south side of Utah Avenue would adversely impact the produce market.

1.3.7.3 Alternative 2 – Modified Partial Cloverleaf

Alternative 2 would construct a modified partial cloverleaf interchange on the west side of US 101 by creating a new southbound off- and on-ramps on the north side of a new Utah Avenue overcrossing. The existing southbound off-ramp would be closed and removed. New southbound off- and on-ramps would connect to the north side of Utah Avenue at a "T" intersection. Produce Avenue south of Colma Creek would be realigned to create a frontage road partially alongside the freeway. This road would run connect to a signalized intersection, west of San Mateo Avenue.

The overcrossing structure and embankment would require removal of Terminal Court and the existing entrance/access gate and road into the produce market area. A new

cul-de-sac would be provided parallel to the south side of the Utah Avenue extension to allow access to the produce market and Park ‘N Fly lot.

Several design issues with this alternative could adversely impact traffic operations at the ramps. The southbound off-ramp and southbound on-ramp connections at Utah Avenue are side-by-side. This would require multi-phase signal timing as these two on- and off-ramp intersections can only function in a green phase one at a time. This would create additional signal time, and during peak periods delayed traffic on Utah Avenue could create queuing that interferes with the nearby intersection at Produce Avenue/Utah Avenue. The Caltrans Highway Design Manual standards call for intersection spacing of at least 400 feet between a ramp and a local road intersection. The spacing between the southbound off-ramp and the Produce Avenue connections to Utah Avenue would be 300 feet, which would not meet this design requirement. Moving the Produce Avenue/Utah Avenue intersection to the west is not feasible as it would then be too close to the Utah Avenue/San Mateo Avenue intersection.

The southbound off- and on-ramps are relatively short. These ramps could be lengthened but would require realignment of the adjacent Produce Avenue connector road further into the Park ‘N Fly lot, thereby impacting that business and its operations.

A proposed cul-de-sac on the south side of the proposed Utah Avenue intersection would adversely impact the produce market buildings and operations. This cul-de-sac is necessary to allow traffic to access the Park ‘N Fly business on the south side of the proposed Utah Avenue overcrossing.

Alternative 2 was eliminated because the intersection spacing on Utah Avenue between the on- and off-ramps, Produce Avenue, and San Mateo Avenue intersections is too close to allow for adequate queuing of vehicles without interfering with intersection operations. The proposed adjacent on- and off-ramp connections to Utah Avenue would require a multiphase signal that could delay traffic flow. Finally, the proposed cul-de-sac on the south side of Utah Avenue would adversely impact the produce market.

1.3.7.4 Alternative 3 – Tight Diamond with Braided Ramps

Alternative 3 would reconfigure the interchange to a tight diamond interchange. The on- and off-ramps south of the overcrossing would extend south and connect with the I-380 interchange in a configuration referred to as braided connector ramps. The primary benefit of this design is elimination of weaving between the interchange ramps and the I-380 ramp connectors. This interchange is the most complex of any considered, and includes the following features:

- Northbound US 101: The I-380 two-lane northbound on-ramp to US 101 would cross over a US 101 off-ramp that connects to the Utah Avenue overcrossing. This would separate these two traffic movements.

- Southbound US 101: The two-lane Utah Avenue to US 101 southbound on-ramp would split into two connectors: one ramp connecting to westbound I-380 and the other ramp connecting to southbound US 101.

- Produce Avenue: South of Colma Creek, Produce Avenue would be relocated along the westerly side of the new southbound diagonal off-ramp, ending in a cul-de-sac just south of the new Utah Avenue overcrossing. This connection would serve the Park ‘N Fly lot and the Produce Market businesses.

- Terminal Court: Terminal Court would be removed, and access to the produce market would be from the cul-de-sac described above.

This alternative would require new bridge structures for the braided ramps on the north and south sides of US 101 over San Bruno Creek, including along the banks of the creek. The design represents the maximum footprint of any of the alternatives considered, and would require the greatest amount of right-of-way acquisition for the installation of the braided ramp connectors. The construction of all new elevated connector ramps on both sides of US 101 would also require challenging staged construction. Because of the proposed structures and necessary right-of-way, this alternative would have the highest cost for property acquisition and construction.

Alternative 3 was eliminated from further consideration because of the extensive right-of-way acquisition requirements, the substantial new structures required, the complexity of construction staging, and impacts to the produce market structures and operations.

1.3.7.5 Alternative 4 – Roundabout Intersections

This alternative would incorporate roundabouts in place of traffic signals at the following key locations:

- Northbound US 101: A two-lane roundabout would serve the northbound off- and on-ramps, where they connect with South Airport Boulevard.

- Southbound US 101: A two-lane roundabout would connect the southbound off- and on-ramps, Utah Avenue, and a new cul-de-sac that would provide access to the produce market and Park ‘N Fly properties.

- South Airport Boulevard/Utah Avenue intersection: This intersection would be replaced by a two-lane roundabout.

Produce Avenue south of Colma Creek would parallel southbound US 101 and terminate at a cul-de-sac at the airport parking lot. Terminal court would be removed, and access to the produce market and Park ‘N Fly properties would be from a new cul-de-sac on the south side of Utah Avenue.

This alternative was considered as a part of Intersection Control Evaluation (ICE) in an effort to reduce the need for intersection signals and evaluate whether it might improve traffic flow at the ramp and local street intersections. However, there were several design

constraints unique to this design and location. The roundabouts would require a greater area due to their larger design, which impacts adjoining parcels and increases the size of the intersections. At the South Airport Boulevard/Utah Avenue intersection, a roundabout would extend the intersection toward the proposed Utah Avenue overcrossing, and the necessary profile of the overcrossing would require a steep grade between this roundabout and the elevated overcrossing. To minimize the grade difference would require elevating the roundabout on fill, but this would adversely impact adjacent business driveways that require access to South Airport Boulevard and Utah Avenue.

The lack of signals in the roundabouts can help efficiently move traffic through the intersections unless traffic queues during peak conditions back up into the roundabout from adjacent intersections. In contrast, signal timing can be adjusted to address heavy traffic movements. The lack of signals at a roundabout presents a risk if traffic at the northbound off-ramp spills back onto the freeway mainline during peak periods. At the northbound on-ramp, traffic waiting at the ramp meter has the potential to extend back into the roundabout.

The roundabouts would also introduce relatively tight radius turns that would be challenging to trucks that travel to or through this commercial and light industrial area of South San Francisco. Super elevation (banking) of the roundabout turns could help offset this risk but would complicate the surface profile between the roundabouts and local roads.

Alternative 4 was eliminated from further consideration due to the unacceptable profile grades that would be necessary on Utah Avenue and at connecting driveways if the roundabouts are raised (especially at South Airport Boulevard/Utah Avenue). The commercial land uses and associated truck traffic that would use the roundabouts were an important consideration, as the necessary grade profiles and turning radiuses could delay or prevent trucks from using the intersections or interchange ramps. This alternative was also eliminated because the lack of traffic signalization at the roundabouts would preclude regulating traffic flow in the future during expected heavy peak periods when backups could potentially extend into adjacent intersections or ramps.

1.3.7.6 Alternatives 5 – Braided US 101 Southbound Off-Ramp (Modified)

This alternative is similar to Alternative 1 but would include several major design refinements to avoid or minimize potential adverse effects. The alignment of the Utah Avenue overcrossing was adjusted to avoid adverse effects to the two main buildings at the Produce Market property. This alignment would still affect the entrance gate to the market and administrative buildings but would avoid the Produce Market structures that may potentially be considered historic. It would provide direct access from the Produce Market area to the intersection at Utah Avenue and Produce Avenue. To serve the south Park ‘N Fly lot, a connector roadway would provide access from the realigned Produce Avenue. The southbound Produce Avenue on-ramp would accommodate multiple lanes including an HOV bypass, with increased capacity. The southbound off-ramp would require a clear span bridge over Colma Creek.

Alternative 5 was eliminated from further consideration because the proposed isolated off-ramp has the potential for wrong-way movements. This alternative would have also

eliminated Terminal Court, with a revised access to the Park ‘N Fly lots and Produce Market property from a new road connecting to the Utah Avenue overcrossing. This change would have split the Park ‘N Fly lot and required more circuitous truck access into and out of the Produce Market.

1.3.7.7 Alternative 6

Alternative 6 was developed as a split southbound US 101 off-ramp with the existing ramp to Produce Avenue, and a split leg connecting to the new Utah Avenue overcrossing. This design was similar to the proposed project except it would provide a divided (split) off-ramp where the left lane of the elevated ramp would extend over Colma Creek and Produce Avenue, parallel the southbound US 101 freeway, and connect to the proposed Utah Avenue overcrossing. Although this off-ramp for Alternative 6 would help address queue spillback to the freeway, the ramp would also create more impacts to the entrances to the Park ‘N Fly lot and produce market. This alternative also included an at-grade intersection that would provide additional or new access to the produce market. This alternative was eliminated because the southbound off-ramp structure connecting to Utah Avenue was costly and determined unnecessary with the proposed project’s improved southbound off-ramp connection to Produce Avenue and Airport Boulevard. The at-grade intersection to the produce market was also determined to have an undesirable grade requirement between the intersection and the height necessary to elevate the Utah Avenue overcrossing of US 101. In addition, the shortening of the Terminal Court cul-de-sac is unacceptable to the produce market due to the lack of storage space for trucks queuing to enter.

Alternative 6A is a modified version of Alternative 6. It features an off-ramp connection to the new Utah Avenue overcrossing without the Produce Avenue split shown in Alternative 6. The elevated ramp would extend over Colma Creek and Produce Avenue, parallel the southbound US 101 freeway, and connect to the proposed Utah Avenue overcrossing. Similar to Alternative 6, this off-ramp would help address queue spillback to the freeway, but the ramp would also impact to the entrances to the Park ‘N Fly lot and produce market. This alternative also included an at-grade intersection from Utah Avenue that would provide access to the produce market. Similar to Alternative 6, this alternative was eliminated because the proposed project design adequately improved the southbound off-ramp connection to Produce Avenue and Airport Boulevard without the lengthy ramp connection to the Utah Avenue overcrossing. It also had the same undesirable grade requirement between the intersection to the produce market and the height necessary to elevate Utah Avenue over US 101, and the undesirable shortening of Terminal Court.

1.4 Project Funding and Schedule

The project approval and environmental document phase of the project is funded by San Mateo County Transportation Authority Measure A funds and the City of South San Francisco. The plans, specifications, and estimate phase is funded with $5 million of State Transportation Improvement Program/Regional Improvement Program funds, and with local funds. This $5 million is programmed from Federal Aid Highway Funds and triggers federal involvement in the latter phase of the project. The City of South

San Francisco is working with local, state, and federal agencies to identify remaining funding sources for the construction of the project.

Total capital cost estimate for the project is $111,849,000 (2021 dollars). Total escalated capital cost is estimated at $125,650,000 (2024).

The following list the project's schedule's anticipated major milestones:

- Completion of Project Approval and Environmental Document (PA&ED): October 2022
- Plans, Specifications and Estimates (PS&E): 2023 – 2024
- Right of Way Certification: 2024
- Project Funding Allocation, Advertise and Award Construction: 2024 – 2025
- Construction: 2025 – 2027

1.5 Permits and Approvals Needed

Table 1.5-1 summarizes the permits, reviews, and approvals that would be required for project construction. Permit applications would be submitted during the design phase.

1.6 Project Features

This project contains a number of standardized project features that are employed on most, if not all, Caltrans projects in accordance with standard specifications, state and federal laws, and anticipated standard environmental permit conditions, and were not developed in response to any specific environmental impact resulting from the proposed project. Project features are separated out from avoidance, minimization, and minimization measures (AMMs), which directly relate to the impacts resulting from the proposed project. AMMs and other measures are discussed separately in each environmental section.

A summary of these project features is presented in Table 1.6-1.

Table 1.5-1 Project Permits and Approvals

Agency	Permit/Approval	Status
FHWA	Concurrence with project's conformity to Clean Air Act and other requirements	The FHWA Air Quality Conformity determination dated February 6, 2023 is included in Appendix D. MTC's Air Quality Control Task Force determined the project is not a Project of Air Quality Concern on September 23, 2021.
State Historic Preservation Officer	National Historic Preservation Act Section 106 consultation	Caltrans' consultation on identification was completed in January 2022, following submittal of the cultural resources reports to SHPO and receiving no comments. The SHPO reviewed and had no comment on Caltrans' Finding of No Adverse Effect for the Golden Gate Produce Terminal. Consultation with SHPO was therefore completed on September 13, 2022.
San Francisco Bay Regional Water Quality Control Board (RWQCB)	Potential Section 401 Water Quality Certification or waiver and or/Porter Cologne Act Waste Discharge Requirements Compliance with the NPDES Construction General Permit	The applicable RWQCB permit will be determined during design. If needed, this may involve a joint "Application for 401 Water Quality Certification" and/or "Report of Waste Discharge." A statewide NPDES permit for construction and operations would be in effect for the project. Compliance review would take place during the design phase.

Table 1.6-1 Other Project Features

Resource	EIR-EA Section	Feature Number	Description
Traffic and Transportation/ Pedestrian and Bicycle Facilities	2.2.8	PF-TRA-01	During the final design phase, a Traffic Management Plan (TMP) will be prepared in accordance with Caltrans requirements and guidelines to minimize the construction-related delays and inconvenience for travelers, residents, and businesses within the project limits. The TMP will include details about the project's construction hours and address the potential traffic impacts as they relate to lane closures and other traffic handling concerns associated with construction of the project. The TMP will include: • Distribution of press releases and other public outreach necessary to notify local jurisdictions, agencies, and the public of upcoming lane closures and expected delays; • Coordination with California Highway Patrol (CHP) and local law enforcement on contingency plans; • Use of portable changeable message signs and CHP Construction Zone Enhanced Enforcement Program where possible to minimize delays. • Access will be maintained for emergency response vehicles.
Traffic and Transportation/ Pedestrian and Bicycle Facilities	2.2.8	PF-TRA-02	At the intersection of the US 101 northbound off-/on-ramps/ South Airport Boulevard (intersection #10), a right-turn overlap phase will be provided for the eastbound approach to facilitate the efficient movement of right-turning vehicles from the US 101 northbound off-ramp. This phase would overlap with the northbound left-turn movement, thereby using the northbound left turn's green time as well. The City will be responsible to evaluate and be responsible for the signal timing, and a No U-Turn sign for the northbound approach should be installed by the City with this overlap.
Paleontology	2.3.4	PF-PAL-01	Preconstruction training on paleontological resource awareness would be provided to construction staff by a trained paleontologist or geologist.
Air Quality	2.3.6	PF-AIR-01	**Construction Best Practices for Dust** The following are BMPs from Mitigation Measure AQ-2 of the Final Program Environmental Impact Report Plan Bay Area 2050 (ABAG and MTC 2021c). These measures control dust during any construction period that involves ground disturbance and should be applied to the construction contract as applicable. These measures do not replace Caltrans Standard Specifications that achieve the same or equivalent control of dust. • Exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day. For projects over five acres in size, soil moisture should be maintained at a minimum of 12 percent. Moisture content can be verified by lab samples or a moisture probe. • Haul trucks transporting soil, sand, or other loose material off-site shall be covered. On-site dirt piles or other stockpiled PM shall be covered, wind breaks installed, and water and/or soil stabilizers employed to reduce wind-blown dust emissions. The use of approved nontoxic soil stabilizers shall be incorporated according to manufacturers' specifications to all inactive construction areas. • Visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. Dry power sweeping should only be performed in conjunction with thorough watering of the subject roads.

Resource	EIR-EA Section	Feature Number	Description
			• Vehicle speeds on unpaved roads and surfaces shall be limited to 15 mph. • Roadway, driveway, and sidewalk paving shall be completed as soon as possible. Building pads shall be paved as soon as possible after grading. • Construction sites shall provide a posted sign visible to the public with the telephone number and person to contact at the lead agency regarding dust complaints. The recommended response time for corrective action shall be within 48 hours. BAAQMD's Complaint Line (1-800-334-6367) shall also be included on posted signs to ensure compliance with applicable regulations. • Excavation, grading, and/or demolition activities shall be suspended when average wind speeds exceed 20 mph. • Wind breaks (e.g., trees, fences) shall be installed on the windward side(s) of actively disturbed areas of construction. Wind breaks should have at maximum 50 percent air porosity. • Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established. • The simultaneous occurrence of excavation, grading, and ground-disturbing construction activities on the same area at any one time shall be limited. Activities shall be phased to reduce the amount of disturbed surfaces at any one time. • Transfer processes involving a free fall of soil or other PM shall be operated in such a manner as to minimize the free fall distance and fugitive dust emissions. All trucks and equipment, including their tires, shall be washed off before leaving the site. • Site accesses to a distance of 100 feet from the paved road shall be treated with a 6- to 12-inch compacted layer of wood chips, mulch, or gravel. • Sandbags or other erosion control measures shall be installed to prevent silt runoff to public roadways from sites with a slope greater than one percent. Open burning shall be prohibited at the project site. No open burning of vegetative waste (natural plant growth wastes) or other legal or illegal burn materials (e.g., trash, demolition debris) may be conducted at the project site. Vegetative wastes shall be chipped or delivered to waste-to-energy facilities (permitted biomass facilities), mulched, composted, or used for firewood. It is unlawful to haul waste materials off-site for disposal by open burning. • The primary contractor shall be responsible for ensuring that all construction equipment is properly tuned and maintained before and for the duration of on-site operation. Where accessible, existing power sources (e.g., power poles) or clean-fuel generators shall be used rather than temporary power generators. • A traffic plan shall be developed to minimize traffic flow interference from construction activities. The plan may include advance public notice of routing, use of public transportation, and satellite parking areas with a shuttle service. Operations that affect traffic shall be scheduled for off-peak hours. Obstruction of through-traffic lanes shall be minimized. A flag person shall be provided to guide traffic properly and ensure safety at construction sites.

Resource	EIR-EA Section	Feature Number	Description
Air Quality	2.3.6	PF-AIR-02	**Construction Best Practices for Exhaust.** The following are BMPs from Mitigation Measure AQ-2 of the Final Program Environmental Impact Report Plan Bay Area 2050 (ABAG and MTC 2021c). These measures control exhaust during any construction period that involves ground disturbance and should be applied to the construction contract as applicable. These measures do not replace Caltrans Standard Specifications that achieve the same or equivalent control of equipment emissions. • Contractor for the project shall submit a list of all off-road equipment greater than 25 horsepower (hp) that would be operated for more than 20 hours over the entire duration of project construction, including equipment from subcontractors to the relevant air district (e.g., BAAQMD, NSCAPCD, or YSAQMD) for review and certification. The list shall include all information necessary to ensure the equipment meets the following requirement: – Equipment shall be zero emissions or have engines that meet or exceed either EPA or CARB Tier 4 off-road emission standards, and it shall have engines that are retrofitted with a CARB Level 3 Verified Diesel Emissions Control Strategy (VDECS), if one is available for the equipment being used. Equipment with engines that meet Tier 4 Interim or Tier 4 Final emission standards automatically meet this requirement; therefore, a VDECS would not be required. – Idling time of diesel-powered construction equipment and trucks shall be limited to no more than two minutes. Clear signage of this idling restriction shall be provided for construction workers at all access points. – All construction equipment shall be maintained and properly tuned in accordance with the manufacturers' specifications. – Portable diesel generators shall be prohibited. Grid power electricity should be used to provide power at construction sites; or propane and natural gas generators may be used when grid power electricity is not feasible.
Biological	2.4	PF-BIO-01	**Environmentally Sensitive Area Delineation.** Before the start of construction, ESAs, including wetlands and habitats suitable for sensitive species, will be shown in Project plans. An ESA has been defined within the banks and channel of Colma Creek. The bid solicitation package special provisions will specify acceptable fencing material and prohibited construction-related activities in these areas. Prior to construction in or near an ESA, a Project biologist will delineate them in the field using signage, flagging, wildlife exclusion fencing (WEF), or other site markers as appropriate.
Biological	2.4	PF-BIO-02	**Wildlife Exclusion Fencing.** Before ground-disturbing activities commence, high-visibility WEF (suitable for amphibian and small mammal exclusion) will be installed along the environmentally sensitive area boundaries to protect special-status animal species and to keep them from entering the Project footprint. Maintenance of the WEF shall happen regularly and as requested by the Project biologist in coordination with the Resident Engineer. Repair and maintenance costs for the fence shall be a bid item in the Project contract.

Resource	EIR-EA Section	Feature Number	Description
Biological	2.4	PF-BIO-03	**Site Restoration.** All temporarily disturbed areas and staging areas will be cleaned up and recontoured to original grade or designed contours. All construction-related materials will be removed after construction, site clean-up, and restoration activities are complete. Temporarily impacted areas where vegetation was removed will be revegetated within one growing season of completion of project activities.
Biological	2.4	PF-BIO-04	**Landscaping and Revegetation Plan.** Vegetation and trees removed by construction operations within the Project limits will be replaced according to Caltrans policy. Appropriate native species will be used to the maximum extent possible, and trees, shrubs, and groundcover will be selected for drought tolerance and disease resistance. Mulch will be applied to planted areas to reduce weed growth, conserve moisture, and minimize maintenance operations. The final revegetation plan would be developed during the detailed design phase.
Biological	2.4	PF-BIO-05	**Biological Monitoring.** The Project biologist(s) will be on site during initial ground-disturbing activities in previously undisturbed areas, during work that occurs in wetlands or in waters below mean higher high water elevation, and thereafter as needed to fulfill the role of the Project biologist as specified in Project permits. The Project biologist(s) will keep copies of applicable permits in their possession when on site. Prior to any initial ground-disturbing activity, the Project biologist(s) will conduct work site surveys for the presence of special-status plant and animal species no less than 48 hours before work. The Project biologist(s) will implement appropriate avoidance measures in the field and in coordination with the Resident Engineer to ensure that any identified special-status species or environmentally sensitive areas are clearly marked for avoidance.
Biological	2.4	PF-BIO-06	**Construction Site Best Management.** The following site restrictions will be implemented to avoid or minimize potential effects on listed species and their habitats, pursuant to Caltrans Standard Specifications and Special Provisions. • Speed Limit. Vehicles will not exceed 15 miles per hour in the project footprint, to reduce dust and excessive soil disturbance. • Trash Control. Food and food-related trash items will be secured in sealed trash containers and removed from the site at the end of each day. • Pets. Pets will be prohibited from entering the project limits during construction. • Firearms. Firearms will be prohibited within the Project limits, except for those carried by authorized security personnel or local, state, or federal law enforcement officials.
Biological	2.4	PF-BIO-07	**Vegetation Removal.** Native vegetation will be cleared only when necessary and will be cut above soil level, except in areas that will be excavated. A truck with a chipper will be used for chipping the removed trees. All vegetation will be conducted within appropriate species protection word windows.

Resource	EIR-EA Section	Feature Number	Description
Biological	2.4	PF-BIO-08	**Tree Protection.** Only trees that require removal will be removed. Whenever possible, trees will be trimmed rather than removed. Retained trees will be safeguarded during construction through the following measures: • Protected trees will be fenced around the drip line to limit construction impacts to the root zone. • No construction equipment, vehicles, or materials will be stored, parked, or staged within the tree dripline. • Work will not be performed within the dripline of the remaining trees without consultation with the Project biologist. If trees are damaged during construction and become unhealthy or die, the damaged tree(s) will be removed and replaced.
Biological	2.4	PF-BIO-09	**Invasive Plant Control.** Noxious weeds will be controlled in the project construction site in accordance with Caltrans' Highway Design Manual Topic 110.5, "Control of Noxious Weeds – Exotic and Invasive Species," and Executive Order 13112 (Invasive Species), and by methods approved by a Caltrans' landscape architect or vegetation control specialist. To minimize the spread of nonnative invasive plant (NNIP), any borrow material, erosion-control material (i.e., fiber rolls), and seed mixtures for erosion control will meet the following Caltrans (2018) specifications as they relate to NNIP species, including: • Fiber roll must be a premanufactured and roll-filled with rice or wheat straw, wood excelsior, or coconut fiber. Fiber roll must be covered with biodegradable jute, sisal, or coir fiber netting secured tightly at each end. Fiber rolls must be certified to be free of prohibited noxious weeds (those Rated "A" by California Department of Food and Agriculture [CDFA]). • Imported topsoil must be free from deleterious substances such as litter, refuse, toxic waste, stones larger than 1 inch in size, coarse sand, heavy or stiff clay, brush, sticks, grasses, roots, noxious weed seed, weeds, and other substances detrimental to plant, animal, and human health. • Seed must not contain any prohibited noxious weed seed, or more than 1.0 percent total weed seed by weight. • All equipment brought into work areas will be free of soil and plant matter. • In work areas where CDFA-listed noxious weeds or California Invasive Plant Council Moderate- or High-Rated NNIP species occur in fruit or flower and may spread seed as a result of the Project, these NNIP species will be removed to an approved offsite disposal location.
Biological	2.4	PF-BIO-10	**Erosion Control Matting.** Plastic monofilament netting (i.e., erosion control matting) or similar material will not be used. Acceptable substitutes would include coconut coir matting or pacifying hydroseeding compounds.
Biological	2.4	PF-BIO-11	**Construction Lighting and Signage.** Construction area lighting will be limited to the area of work, and used only where necessary for safety and signage. Light trespass will be minimized through the use of directional lighting and shielding if feasible. Downcast lighting to minimize lighting of natural areas will be used throughout the project footprint.
Geology/Soils/ Seismic/ Topography	2.3.3	PF-GEO-01	**Geotech Investigations.** A geotechnical investigation will be performed during final design for any proposed new earthwork or new structure within the project limits, including retaining walls, overhead signs, embankments, bridges, and sound walls; it will address geologic hazards, including liquefaction, cracking, differential compaction, ground shaking, and shrink swell.

Resource	EIR-EA Section	Feature Number	Description
Geology/Soils/ Seismic/ Topography	2.3.3	PF-GEO-02	**Seismic Standards.** Caltrans' design and construction guidelines incorporate engineering standards that address seismic risks. Project elements will be designed and constructed to meet seismic design requirements for ground shaking and ground motions, as determined for the project vicinity and site conditions.
Hazardous Materials	2.3.5	PF-HAZ-01	**Site Investigations.** A preliminary site investigation (PSI) for hazardous materials would be conducted during the project design phase. A PSI will be performed in accordance with current Caltrans guidance to investigate hazardous materials concerns related to soil, groundwater, and building materials within the project limits. Caltrans will prepare a work plan for the PSI. The findings of the PSI will be used to evaluate soil and groundwater handling practices, construction worker health and safety concerns, and soil and groundwater reuse and disposal options. If hazardous materials are identified during the PSI, additional investigation would be required to their full evaluation. All environmental investigations for the project will be provided to project contractors so the findings can be incorporated into their Health and Safety and Hazard Communication Programs.
Hazardous Materials	2.3.5	PF-HAZ-02	Anticipated measures include the following as outlined in Caltrans Standard Specifications Section 13-4, Job Site Management and Section 14-11, Hazardous Waste and Contamination: • Soils contaminated with aerially deposited lead (ADL) exceeding California hazardous waste thresholds will be reused in accordance with the Department of Toxic Substances Control's 2016 Soil Management Agreement for Aerially Deposited Lead-Contaminated Soils. • Lead compliance plans for ADL-contaminated soils and pavement markings containing lead will be prepared in accordance with the Caltrans Standard Special Provisions and implemented by the project construction contractor(s) to ensure compliance with the California Occupational Safety and Health Administration (Cal/OSHA) worker safety regulations. • Groundwater from dewatering of excavations will be stored in Baker tanks during construction activities and characterized to determine the appropriate treatment requirements for discharge and disposal. The extracted groundwater shall be collected and managed for disposal/treatment in compliance with local and state regulations. • All loose and peeling lead-based paint and asbestos-containing material shall be removed by a certified contractor(s) in accordance with local, state, and federal requirements. All other hazardous materials will be removed from structures in accordance with Cal/OSHA regulations. • Asphalt concrete and Portland cement concrete grindings shall be reused in accordance with the San Francisco Bay Regional Water Quality Control Board (RWQCB) guidance to protect water quality or transported off-site for recycling or disposal. • Job site perimeter air monitoring will be required when the project work disturbs regulated lead-contaminated soils. Air monitoring program requirements will be defined in Standard Special Provision 14-11.08 (Regulated Material Containing Aerially Deposited Lead), Section 14-11.08F (Air Monitoring). Before any excavation work begins, the contractor will be required to submit a plan for excavating, loading, and transporting contaminated soils, for review and acceptance by the state's resident engineer, as stated in Standard Special Provision 14-11.08, Regulated Material Containing Aerially Deposited Lead, subsection D(3).

Resource	EIR-EA Section	Feature Number	Description
Hazardous Materials	2.3.5	PF-HAZ-03	**Hazardous Structure Material Surveys.** Hazardous Structure Material Surveys would be conducted for asbestos-containing material, lead-based paint, treated-wood waste, and polychlorinated biphenyls.
Hazardous Materials	2.3.5	PF-HAZ-04	There is a potential for petroleum hydrocarbons, chlorinated hydrocarbons, metals and residual amounts of aerially deposited lead to be present in surface soil and/or shallow groundwater in the project area. Soil and/or groundwater sampling is recommended prior to or during soil excavation activities. The exact sample locations, sampling depths, sample media (soil/groundwater), and constituents analyzed should be selected with all potential identified impacts to the project area in mind to prepare a comprehensive sampling plan. The following measures are recommended: • If the project construction excavations will extend to groundwater, groundwater sampling, analysis, and characterization are recommended before the start of construction to investigate safety precautions for construction personnel. Furthermore, treatment and disposal options for extracted groundwater will need to be evaluated prior to any dewatering of excavations due to construction activities. • If suspected petroleum hydrocarbon-impacted soils are encountered during soil excavation activities, soil should be sampled, tested, and characterized for petroleum hydrocarbons. • Additionally, prior to the beginning of, and periodically during any soil excavation work, surface soils should be tested for aerially deposited and subsurface lead to evaluate safety recommendations for construction workers and soil management options. • Any proposed acquisition of property detailed in Section 2.2.5 requires further investigation of soil and/or groundwater, due to the potential for presence of petroleum hydrocarbons, aerially deposited or subsurface lead, and metals. • A qualified and licensed inspector should evaluate and sample the existing building and structures scheduled for demolition for the presence of potential asbestos-containing materials, lead-based paint, and PCBs. • Soil and/or groundwater found to have environmental contaminants should be properly characterized and disposed of at an appropriate facility per applicable regulations. Contractors working at the project site or removing soil materials and/or groundwater from the project area, should be aware of appropriate handling and disposal methods. Elevated levels of the potential contaminants could be present at some locations and, therefore, material moved or removed may require individual or specific testing to verify that concentrations are below any regulatory action limits.

Resource	EIR-EA Section	Feature Number	Description
Noise	2.3.7	PF-NOI-01	**Construction Noise.** The Caltrans 2018 Standard Specifications, Section 14 8.02, requires that the Maximum Sound Level not exceed 86 A-weighted decibels at 50 feet from the job site, from 9:00 p.m. to 6:00 a.m. Construction noise would not exceed thresholds or Caltrans' standards. Construction noise control measures would be required of the contractor. These include control measures for equipment and operating hours such as: • All construction equipment shall conform to Section 14 8.02, Noise Control, of the latest Standard Specifications. • Noise-generating construction activities shall be restricted to between 7:00 a.m. and 7:00 p.m. on weekdays, with no construction occurring on weekends or holidays. If work is necessary outside of these hours, Caltrans shall require the contractor to implement a construction noise monitoring program and provide additional noise controls where practical and feasible. • Pile driving activities shall be limited to daytime hours only. • All internal-combustion-engine-driven equipment shall be equipped with manufacturer-recommended intake and exhaust mufflers that are in good condition and appropriate for the equipment. • Unnecessary idling of internal combustion engines within 100 feet of residences shall be strictly prohibited. • Noise-generating equipment shall be kept as far as practical from sensitive receptors when sensitive receptors adjoin or are near the construction project area. • "Quiet" air compressors and other "quiet" equipment shall be used where such technology exists.
Noise	2.3.7	PF-NOI-02	**Construction Vibration.** To reduce the potential for vibration impacts resulting from Project construction, the following measures shall be implemented during Project construction. • Prohibit impact or vibratory pile driving methods when within the exceedance distances from vibration-sensitive structures as listed in table 2.3.7-2. Drilled piles cause lower vibration levels where geological conditions permit their use. • Performance of a photo and crack monitoring survey for older residential structures and new residential, commercial, or industrial buildings exposed to vibration from impact pile driving located within the exceedance distances given in table 2.3.7-2, based on the determination made as the sensitivity of the structure to damage due to construction vibration. • Conduct a post-survey on structures where complaints of damage occur. Make appropriate repairs where damage has occurred as a result of construction activities. • Designate a person responsible for registering and investigating claims of excessive vibration. The contact information of such person shall be clearly posted on the construction site.

Resource	EIR-EA Section	Feature Number	Description
Water Quality	2.3.2	PF-WQ-01	**Water Quality Best Management Practices.** The contractor will adhere to the instructions, protocols, and specifications outlined in the most current Caltrans Construction Site Best Management Practices Manual and Caltrans Standard Specifications. At a minimum, protective measures will include the following: • The discharging of pollutants from vehicle and equipment cleaning into storm drains or watercourses will be disallowed. • Storing or servicing vehicles and construction equipment including fueling, cleaning and maintenance, will be performed at least 50 feet from aquatic habitat unless separated by a topographic or drainage barrier. • Equipment will be maintained to prevent the leakage of vehicle fluids such as gasoline, oils, or solvents, and a spill response plan will be developed. Hazardous materials such as fuels, oils, or solvents, will be stored in sealable containers in a designated location that is at least 50 feet from aquatic habitats. • Concrete wastes and water from curing operations will be collected and disposed of in appropriate washouts at least 50 feet from watercourses. • Temporary stockpiles will be covered. • Coir rolls or straw wattles will be installed along or at the base of slopes during construction to capture sediment. • Graded areas will be protected from erosion using a combination of silt fences, fiber rolls, and erosion control netting (jute or coir), as appropriate.
Water Quality	2.3.2	PF-WQ-02	**Temporary Dewatering Activities.** Groundwater extracted from temporary dewatering activities will be managed based on the groundwater quality in the Project area. Clean groundwater could be used for dust control, collected on site using desilting basins and/or tanks prior to discharging to receiving waters, and transported to a publicly owned treatment works. Groundwater depths will be determined during the Plans, Specifications, and Estimates (PS&E) Phase.
Water Quality	2.3.2	PF-WQ-03	**Groundwater Treatment.** If the Project area contains contaminated groundwater or groundwater that may release contaminated plumes when disturbed, applicable waste discharge requirements or permits would be obtained during the PS&E phase. An active treatment system may also be necessary to treat contaminated groundwater exposed during excavation activities. Dewatering requirements, costs, and design of the active treatment system would be determined during the PS&E phase.

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Chapter 2 Affected Environment, Environmental Consequences, and Avoidance, Minimization, and/or Mitigation Measures

For the proposed project, the CEQA baseline for all resource areas except traffic, air quality, energy, climate change, and noise is 2021, the year that the Notice of Preparation was filed with the State Clearinghouse (Appendix G). For air quality, energy, and noise, the baseline is 2013-2015, the most recent years for which complete traffic data were available when the traffic studies began in 2015. The air quality, energy, climate change, and noise studies began in 2016, use 2013-2015 traffic data, and this traffic data is forecasted with growth to the study years of 2025 and 2045. This approach was used because traffic volumes in the Peninsula area declined during the pandemic years of 2019-2021, and the earlier data was determined to represent worst-case (higher) volumes for purposes of analysis of traffic and traffic-based studies such as air, noise, and energy. Extrapolating the future traffic conditions to 2025 and 2045 using the pre-pandemic data likewise represents higher volumes in the future, for evaluation of environmental impacts.

The NEPA baseline for comparing environmental impacts is the No Build Alternative.

2.1 Topics Considered but Determined Not to be Relevant

As part of the scoping and environmental analysis carried out for the project, the following environmental issues were considered, but no adverse impacts were identified:

- Coastal Zone
- Wild and Scenic Rivers
- Parks and Recreational Facilities
- Farmlands
- Timberlands
- Plant Species

The project is located in a developed, urban area, primarily on-fill. It is not in a coastal zone and does not contain any wild and scenic rivers, parks or recreation facilities, farmlands, or timberlands. It is nearby the San Francisco Bay, but the proposed project features are not within the BCDC Shoreline Band, and no work is proposed within Colma Creek or its banks, which passes through the project area. As a result, there is no further discussion about these issues in this document.

2.2 Human Environment

2.2.1 Existing and Future Land Use

This section describes the existing and future regional land use in the immediate project area and surrounding vicinity. The following section is based on the *Community Impact Assessment* prepared for the project (AECOM 2020c).

2.2.1.1 Affected Environment

Existing Land Use

The project area is located entirely within the City of South San Francisco in San Mateo County. Existing land use types in the project area include community commercial, business commercial, mixed industrial, open space and parks and recreation. Land uses to the east and west of the project area (east of San Mateo Avenue and west of Colma Creek) are mixed industrial. Land uses to the north and south of the project area (north of South Airport Boulevard/Mitchell and south of Utah Avenue) are business commercial, parks and mixed industrial. The closest residential land use (downtown high density residential) is just west of Airport Boulevard and East Grand Avenue (City of South San Francisco no date). Land within the project area is zoned for freeway commercial, transit office/R&D core, and public/quasi-public uses (City of South San Francisco 2018a).

Businesses that are located in and around the project area include hotels, car rentals, airport parking facilities, restaurants, gas stations, and warehouse facilities. Several are businesses that benefit from close proximity to the San Francisco International Airport (SFO), which is located southeast of the project area.

Colma Creek runs through the project area and crosses under South Airport Boulevard, US 101, and Produce Avenue. The land bordering Colma Creek is designated as recreation (City of South San Francisco 2015a). The City of South San Francisco notes this area has the potential to contain sensitive biological resources, likely in reference to the water way since the creek banks are concrete lined in many areas. The South San Francisco general plan map of planned and proposed parks and open space indicates that no parks are currently planned along the Colma Creek Canal in the project area (City of South San Francisco 2015), although this area includes a planned “other” trail noted on the Bay Trail Plan (San Francisco Bay Trail 2018). The City of South San Francisco has designated this planned trail to use the railway for a potential rails to trails program that would connect to the Bay Trail (Rozzi 2018). The closest existing recreational trail to the project area is the current San Francisco Bay Trail spur that runs west along the San Bruno Canal before heading south along Airport Boulevard.

Development Trends and Future land use in the Project Vicinity

The majority of future projects are located to the north of the project area. Future land use is anticipated to be primarily residential and commercial. Several new apartment complexes are planned. Additionally, two new hotels are planned within a 0.25-mile of the project area. This area has been rapidly expanding due to growth in the life sciences industry (see Section 2.2.3 for a discussion on the growth of this industry). The industrial lands immediately surrounding the proposed project area contain long-standing established businesses. Table 2.2.1-1 is a list of proposed and planned developments within approximately 0.25-mile of the proposed project area.

Table 2.2.1-1 Planned Developments within 0.25-Mile of the Project Area

Name	Address	Distance from Project	Proposed Uses	Status
The Hanover Company Apartments	124 Airport Boulevard and 100 Produce Avenue	0.00 mile	A 7-story residential building with 294 apartments and a 7-story residential building with 186 apartments.	Under Review Construction Date – Listed by City of South San Francisco as to be determined (TBD)
Bella Vista Development Hotel	40 Airport Boulevard	0.00 mile	250 room hotel building with accessory parking structure on a 1.63 acre lot.	Under Review Construction Date – TBD
Essex Property Trust, Inc. Apartments	7 South Liden Avenue	0.12 miles	A 5-story residential building with 445 apartments on a 4.22 acre site.	Under Review Construction Date – TBD
Marriott Fairfield Inn and Suites	127 West Harris Avenue	0.24 miles	5-story Hotel with 128 rooms on a 64,117 SF lot	Currently Under Construction Estimated Completion – Q1, 2021
“150 Airport Boulevard”	150, 178, 190 Airport Boulevard	0.24 mile	5-story residential development consisting of 157 units with a 2-level parking garage.	Currently under construction Estimated Completion – Q4, 2020

Sources: City of South San Francisco 2020a

2.2.1.2 Environmental Consequences

No Build Alternative

The projects described in Table 2.2.1-1 would occur with the No Build Alternative. The No Build Alternative would not impact existing land uses or access to parcels in the project area. The No Build Alternative would not enhance the connection between east and west South San Francisco and would not serve planned development.

Build Alternative

Potential property acquisitions for the Build Alternative are described in Section 2.2.5. Several properties would be affected, including full acquisitions of one restaurant and three commercial warehouses. Additionally, partial acquisitions and permanent easements would be required, that would alter access to adjacent properties. Therefore, the Build Alternative would permanently change the land uses at the following properties where two full acquisitions are necessary (and have been identified in Section 2.2.5):

- IHOP Restaurant, at 316 South Airport Boulevard (east of US 101) (parcel 015-141-260).
- A commercial warehouse that in 2019 contained a moving company and two sports facilities, at 1404, 1416, and 1422 San Mateo Avenue (west of US 101) (parcel 015-114-370).

The land use designations at these two above properties would permanently change from their existing business use to transportation land use where the overcrossing and city street right-of-way is created and/or expanded. Compensation for the acquisition and change would be required as part of the right-of-way phase of the project, as described in Section 2.2.5.

Additional properties described in Section 2.2.5 would have partial acquisitions, which would change the land use designation for the portion of the properties acquired, while the remaining portion of the property retains its existing use. The most substantial partial property acquisitions are at the Travelodge hotel (326 South Airport Boulevard), where acquisition of a portion of the existing Travelodge hotel will remove the property's conference center, pool area, and entrance (compensation would be provided for this acquisition, including for reconstruction of the hotel entrance). Similarly, parking lot spaces would be acquired and compensated at the Travelodge parking lot, the Best Western hotel parking lot (380 South Airport Boulevard), Park 'N Fly lots and entrance (two lots with entrances off Terminal Court), Golden Gate Produce Terminal (131 Terminal Court), PS Business Parks (100 Produce Avenue), Denny's Restaurant (10 South Airport Boulevard), and a business park/office parking lot at 124 South Airport Boulevard.

The Build Alternative would not preclude any of the planned projects listed in Table 2.2.1-1. It would provide enhanced access within this portion of the City of South San Francisco to large trucks and other vehicles destined for the industrial and

commercial uses, in addition to the access at the existing Airport Boulevard undercrossing.

2.2.1.3 Avoidance, Minimization, and/or Mitigation Measures

The changes in land use, specifically the full and partial acquisitions, would require compensation as part of the right-of-way phase of the project. This is described in Section 2.2.5. The land use designations for the full and partial property acquisitions that are used or expanded for the proposed Build Alternative would be changed to a transportation use designation in the City of South San Francisco's General Plan.

2.2.2 Consistency with State, Regional, and Local Plans and Programs

Information from this section is based on the *Community Impact Assessment* prepared for the project (AECOM 2020c).

2.2.2.1 Affected Environment

There are several community, regional, and transportation plans that include the project area. The following types of plans were considered and are discussed below:

- Transportation Plans (Regional/Metropolitan Transportation Plans (RTPs/MTPs) and Regional/Metropolitan Transportation Improvement Programs (RTIPs/MTIPs).
- Regional Growth Plans (if proposed or adopted).
- Habitat Conservation Plans or similar regional conservation plans.
- General, Community, and Airport Plans.
- Climate Change Plans.

Transportation Plans/Programs

This project is included in *Plan Bay Area 2050*, the regional transportation plan (RTP) and sustainable community strategy (SCS) for the nine-county San Francisco Bay Area (Association of Bay Area Governments [ABAG] and Metropolitan Transportation Commission [MTC] 2021; RTP ID 21-T06-027). The RTP lists projects of local and regional importance based on factors such as local support and need, ridership, and potential cost and funding. These factors provide direction on how anticipated federal, state, and local transportation funds will be spent in the Bay Area during the next 29 years. The Produce Avenue Interchange is programmed with several other corridor and interchange projects in San Mateo County (ABAG and MTC 2021b).

The project is also included in the City of South San Francisco's *Fiscal Years 2021-2022 Capital Improvement Program* (US-101 Produce Avenue Interchange [TIF#39]). The *Fiscal Years Capital Improvement Program* is a plan for South San Francisco's infrastructure improvements and expenditures for fiscal years 2021 through 2022.

According to the plan, construction of a new interchange at Produce Avenue and US 101 will "improve access between 101 and Produce Avenue and Airport Boulevard" (City of South San Francisco 2021b).

Regional Growth Plans

Plan Bay Area 2050 also functions as a regional growth plan for the nine-county San Francisco Bay Area (ABAG and MTC 2021b). Plan Bay Area 2050 designates priority development areas (PDAs), which are areas within existing communities that have been identified and approved by a local city or county for future growth because of proximity to transit, jobs, shopping, and other services. Promoting compact development within PDAs is intended to take development pressure off the region's open space and agricultural lands (ABAG and MTC 2021b).

No PDAs have been designated in the proposed project area. The Downtown South San Francisco PDA is located 0.25-mile northwest of the proposed project area (MTC 2020). This 121-acre planned PDA is focused on connecting transit with the downtown core and includes the Caltrain station, SamTrans, and several shuttles.

Habitat Conservation Plans

The *San Bruno Mountain Habitat Conservation Plan* is in effect near the project area. However, the area covered by this plan does not extend to the project area. Additionally, no Natural Community Conservation Plans overlap with the proposed project area (California Department of Fish and Wildlife 2017).

The McAteer-Petri's Act created the Bay BCDC to regulate landfill and development within the San Francisco Bay portion of the California coastal zone. Fill and dredge of the Bay or project construction within 100-feet inland from the Bay requires a permit and review by BCDC. This jurisdiction includes tidal waters and wetlands. BCDC jurisdiction has been preliminarily mapped on Colma Creek to extend from the South Airport Boulevard bridge crossing east to the San Francisco Bay. The Build Alternative does not propose any work within Colma Creek, and all proposed improvements are west of the South Airport Boulevard bridge.

General Plans and Related Plans

The following planning documents address the study area:

- ***South San Francisco General Plan.*** The South San Francisco General Plan Transportation Element, amended and adopted in 2014, includes policies and programs to enhance "capacity and circulation" throughout the city by addressing future improvements, including improvements to alternative modes of transportation such as bicycling and walking. The plan area encompasses the entire project area. The South San Francisco General Plan contains the following goals and policies that relate to the proposed project (City of South San Francisco 2014a):

Policy 4.2-G-1: Undertake efforts to enhance transportation capacity, especially in growth and emerging employment areas such as in the East of 101 area.

Policy 4.2-G-2: Improve connections between different parts of the city. These would help integrate different parts of the city. Connections between areas west and east of US 101 (currently limited to streets that provide freeway access) would also free-up capacity along streets such as Grand Avenue and Oyster Point Boulevard that provide access to US 101.

Policy 4.2-G-13: Strive to maintain LOS D or better on arterial and collector streets, at all intersections, and on principal arterials in the congestion management plan during peak hours.

Policy 4.2-I-6: Incorporate as part of the City's Capital Improvement Program needed intersection and roadway improvements to enhance mobility in the East of 101 area. These improvements shall include consideration of bicycle lanes and pedestrian routes.

Policy 4.3-G-1: Develop a comprehensive and integrated system of bikeways that promote bicycle riding for transportation and recreation.

- ***South San Francisco East of 101 Area Plan.*** The South San Francisco East of 101 Area Plan, adopted in 1994, covers approximately 1,700 acres of land in the area east of US 101 from the City's northern to southern borders. The plan is intended to provide policies and guidelines to regulate development in the area in a way that protects the area's existing physical, economic, and natural resources. The plan area encompasses part of the project area and the areas immediately adjacent of the project area to the east. The South San Francisco East of 101 Area Plan contains the following goals and policies that relate to the project (City of South San Francisco 1994):

  Policy 2.2: Maintain acceptable levels of transportation systems by achieving an appropriate balance between system improvements and development transportation demands.

  Policy 2.5: Encourage and support transportation modes other than single-occupancy automobiles including ridesharing, bicycling, walking and transit.

- ***South San Francisco Bicycle Master Plan.*** The South San Francisco Bicycle Master Plan was adopted in 2011 and promotes bicycle riding throughout the City for transportation and recreation. The Plan identifies the proposed project as accommodating future growth. The Plan recommends maintaining the existing bicycle facilities in the proposed project area including the Class II Bike Lanes and Class III Bike Routes along Airport Boulevard, San Mateo Avenue, and Utah Avenue. It also proposes adding Class II Bike Lanes to South Airport Boulevard from Mitchell Avenue to SFO (City of South San Francisco 2011).

- ***South San Francisco Pedestrian Master Plan.*** The South San Francisco Pedestrian Master Plan promotes walkable community for all residents. The South San Francisco Pedestrian Master Plan notes that in the proposed project area, US 101 is a major barrier between this area and the rest of the City; limited pedestrian access points exist across the highway. In addition, Utah Avenue has been identified in the Citywide pedestrian inventory as missing sidewalks, tactile domes, and crosswalks. The Plan identifies the goal of filling sidewalk gaps and upgrading sidewalks to be compliant with the Americans with Disabilities Act. Utah Avenue has been designated as a Second Priority area for improvement to pedestrian facilities. The South Airport Boulevard and US 101 off-ramp project (the Build Alternative) has been designated as a first tier prioritization project by the Plan.

  The plan contains the following policy related to the project (City of South San Francisco 2013):

  > Policy 3.1: The city shall expand the existing pedestrian network and improve access throughout the community with a special emphasis on connections to places of work, transit, commercial centers and community amenities and on ADA accessibility.

- ***Comprehensive Airport Land Use Compatibility Plan for the Environs of the San Francisco International Airport.*** Adopted in 2012, the plan includes the proposed project area in the airport influence area. General plans, specific plans, and zoning ordinances are required to be compliant with the airport plan (RI condo & Associates, Inc. 2012).

Climate Action Plans

City of South San Francisco Climate Action Plan. The Climate Action Plan, adopted in 2014, provides goals, policies, and programs to reduce greenhouse gas emissions, adapt to climate change, and support the goals of Assembly Bill 32 and Senate Bill 375. The Plan notes that transportation is the second-largest emitter of greenhouse gases in the City, behind energy consumption. The plan contains the following goals and policies related to the proposed project (City of South San Francisco 2014b):

- Measure 1.1: Expand active transportation alternatives by providing infrastructure and enhanced connectivity for bicycle and pedestrian access.

2.2.2.2 Environmental Consequences

The proposed project is included in the most recent RTP prepared by ABAG and MTC, Plan Bay Area 2050. The project is a priority highway and arterial improvement project. It is also included in the City of South San Francisco's Fiscal Years 2020-2021 Capital Improvement Program.

Table 2.2.2-1 summarizes the consistency of the No Build and the Build Alternative with applicable local plan policies.

Table 2.2.2-1 Project Consistency with Plans

Plan	Policy	No Build Alternative	Build Alternative
San Bruno Mountain Habitat Conservation Plan	N/A	**No Change.** This alternative would not impart any changes that would implicate the conservation plan.	**Consistent.** The Build Alternative area is well outside of the plan area.
South San Francisco General Plan	**Policy 4.2-G-1.** Undertake efforts to enhance transportation capacity, especially in growth and emerging employment areas such as in the East of 101 area	**No Change.** This alternative would not enhance transportation capacity in the East of 101 area.	**Consistent.** This alternative would improve transportation connections in the East of 101 area.
South San Francisco General Plan	**Policy 4.2-G-2.** Improve connections between different parts of the city. These would help integrate different parts of the city. Connections between areas west and east of US 101 (currently limited to streets that provide freeway access) would also free-up capacity along streets such as Grand Avenue and Oyster Point Boulevard that provide access to US 101.	**No Change.** This alternative would not provide additional connection between different parts of the city.	**Consistent.** This alternative would connect the east and west neighborhoods across US 101 via an extension of Utah Avenue over US 101 to connect with San Mateo Avenue.
South San Francisco General Plan	**Policy 4.2-G-13.** Strive to maintain LOS D or better on arterial and collector streets, at all intersections, and on principal arterials in the congestion management plan during peak hours.	**Inconsistent.** As shown in Section 2.2.8, several intersections are anticipated to operate at LOS D or worse by 2045 with the No Build Alternative.	**Partially Consistent.** This alternative would improve some intersection performance relative to the No Build Alternative, but there will remain some intersections that do not operate at LOS D or better. Although some intersections are measurably improved, there are intersections where traffic increases at turning movements will degrade LOS. Overall, the improvements to intersections are considered beneficial.

Plan	Policy	No Build Alternative	Build Alternative
South San Francisco General Plan	**Policy 4.2-I-6.** Incorporate as part of the City's Capital Improvement Program needed intersection and roadway improvements to enhance mobility in the East of 101 Area. These improvements shall include consideration of bicycle lanes and pedestrian routes.	**No Change.** This alternative would not involve intersection and roadway improvements to the East of 101 area to enhance mobility.	**Consistent.** This alternative would implement a project included in the Capital Improvement Program and includes enhancements to bike and pedestrian facilities.
South San Francisco General Plan	**Policy 4.3-G-1.** Develop a comprehensive and integrated system of bikeways that promote bicycle riding for transportation and recreation.	**No Change.** This alternative would not provide for additional bicycle lanes.	**Consistent.** This alternative would provide Class II bicycle lanes on the Utah Avenue overcrossing. It would connect the existing Class III bike route on Utah Avenue and San Mateo Avenue as well as build a portion of the proposed Class II bicycle lane on South Airport Boulevard.
South San Francisco East of 101 Area Plan	**Policy 2.2.** Maintain acceptable levels of transportation systems by achieving an appropriate balance between system improvements and development transportation demands.	**No Change.** This alternative would not make any transportation improvements and would not accommodate traffic from proposed development in the area east of US 101.	**Consistent.** This alternative would provide transportation system connections to address circulation issues and accommodate traffic from proposed developments in the area east of US 101.
South San Francisco East of 101 Area Plan	**Policy 2.5.** Encourage and support transportation modes other than single-occupancy automobiles including ridesharing, bicycling, walking and transit.	**No Change.** This alternative would not support alternative transportation modes.	**Consistent.** This alternative would provide Class II bicycle lanes on the Utah Avenue overcrossing. It would connect the existing Class III bike route on Utah Avenue and San Mateo Avenue as well as build a portion of the proposed Class II bicycle lane on South Airport Boulevard.

Plan	Policy	No Build Alternative	Build Alternative
South San Francisco Bicycle Master Plan	Maintain existing facilities and support the creation of additional facilities.	**No Change.** This alternative would maintain existing facilities but would not support the development of planned facilities.	**Consistent.** This alternative would maintain existing facilities and build portions of the planned facility along South Airport Boulevard. It would also connect the existing Class III bike route on Utah Avenue and San Mateo Avenue as well as build a portion of the proposed Class II bicycle lane on South Airport Boulevard.
South San Francisco Pedestrian Master Plan	**Policy 3.1.** The city shall expand the existing pedestrian network and improve access throughout the community with a special emphasis on connections to places of work, transit, commercial centers and community amenities and on ADA accessibility.	**No Change.** This alternative would not expand the existing pedestrian network.	**Consistent.** This alternative would expand the existing pedestrian network by filling existing gaps and upgrading sidewalks, crosswalks, and curbs to ADA standards. It includes the second tier priority of Utah Avenue and the first tier priority of South Airport Boulevard.
Comprehensive Airport Land Use Compatibility Plan for the Environs of the San Francisco International Airport	N/A	**Consistent.** This alternative would not alter existing land use in a way that would conflict with the airport plan.	**Consistent.** This alternative would not alter existing land use in a way that would conflict with the airport plan.
City of South San Francisco Climate Action Plan	**Measure 1.1.** Expand active transportation alternatives by providing infrastructure and enhanced connectivity for bicycle and pedestrian access.	**No Change.** This alternative would not provide any additional infrastructure and enhanced connectivity for bicycle and pedestrian access.	**Consistent.** This alternative would provide additional ADA compliant sidewalks, crosswalks, and curbs as well as Class II bicycle lanes to connect existing bicycle facilities.

2.2.2.3 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization, or mitigation is required.

2.2.3 Growth

2.2.3.1 Regulatory Setting

The Council on Environmental Quality (CEQ) regulations, which established the steps necessary to comply with NEPA, require evaluation of the potential environmental effects of all proposed federal activities and programs. This provision includes a requirement to examine indirect effects, which may occur in areas beyond the immediate influence of a proposed action and at some time in the future. The CEQ regulations (40 Code of Federal Regulations [CFR] 1508.8) refer to these consequences as indirect impacts. Indirect impacts may include changes in land use, economic vitality, and population density, which are all elements of growth.

CEQA also requires the analysis of a project's potential to induce growth. The CEQA Guidelines (Section 15126.2[d]) require that environmental documents "…discuss the ways in which the proposed project could foster economic or population growth, or the construction of additional housing, either directly or indirectly, in the surrounding environment…"

2.2.3.2 Affected Environment

The information in this section is based on the *Community Impact Assessment* prepared for the project (AECOM 2020c).

The project area is in South San Francisco in an area of commercial and industrial land uses. The project area does not contain residential housing but does include visitor hotel land uses. South San Francisco grew 5 percent between the 2000 and 2010 decennial censuses (US Census 2000, 2010). From 2015 through 2050, households and jobs in the North San Mateo County Super District (including the City of South San Francisco) are expected to increase by 70 and 44 percent, respectively (ABAG and MTC 2021a). The City's General Plan anticipates that the highest growth rates for employment will be associated with high-technology and research and development (R&D) and to a great extent hotel and visitor services (City of South San Francisco 1999).

The City's General Plan forecasts that demand for all land uses will exceed existing supply with full build-out of the General Plan, necessitating the redevelopment and intensification of land uses. The General Plan allows for non-residential floor space to increase by about 30 percent; however employment could increase by as much as 80 percent or 32,500 additional jobs. A great majority of these new jobs are anticipated to be in the services sector, in R&D establishments, and in the hotel/visitor services industry. Major sites targeted for employment growth are located in the life sciences business cluster in the east of US 101 area and in the industrial area of the Lindenville

neighborhood, both of which are considered unsuitable for residential uses (City of South San Francisco 1999).

Section 2.1.1 lists the developments that are planned within 0.25 mile of the project area. It includes hotels and residential apartment units. These developments are planned for areas north of the project area.

2.2.3.3 Environmental Consequences

No Build Alternative

The No Build Alternative would maintain the existing transportation facilities at Produce Avenue. It would not contribute to or respond to the planned growth in and around the proposed project area.

Build Alternative

The Build Alternative proposes to provide a local east-west connection across US 101 for the southern neighborhoods of the City and modify three intersections to have increased capacity for vehicles: Airport Boulevard/Produce Avenue, San Mateo Avenue/Utah Avenue, and South Airport Boulevard/Utah Avenue. Utah Avenue would be extended westerly over US 101 to connect with San Mateo Avenue. Ultimately, under the City's General Plan, Utah Avenue Extension would connect with Victory Avenue to the west, but that extension is not funded or proposed.

The Build Alternative would change access to several business properties but would not provide any access to previously inaccessible parcels or remove access to any properties. The Build Alternative would facilitate the movement of trucks bound for the industrial and warehouse properties west of US 101 and the freeway. It would allow trucks to use the overcrossing and reserve the South Airport Boulevard undercrossing for passenger cars and trucks. It would also provide a direct bicycle and pedestrian connection from the residential core west of US 101 to the businesses, visitor services, and bay recreation east of US 101.

The Build Alternative would require changes to the land use designations at the properties that cannot be avoided and would be acquired to build the proposed overcrossing. These properties are the IHOP restaurant and a commercial warehouse that serves a moving company and two private sports facilities. Whether the general plan designations change would depend on whether the remaining land at these sites can be resold for other business uses. This would be determined during the relocation and property acquisition phase of the project. This change is not considered a growth inducing impact. The Build Alternative does not contain elements that would influence the type or location of growth beyond what is already planned.

2.2.3.4 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization, or mitigation is required.

2.2.4 Community Character and Cohesion

2.2.4.1 Regulatory Setting

NEPA, as amended, established that the federal government use all practicable means to ensure for all Americans safe, healthful, productive, and aesthetically and culturally pleasing surroundings (42 United States Code [USC] 4331[b][2]). FHWA in its implementation of NEPA (23 USC 109[h]) directs that final decisions on projects are to be made in the best overall public interest. This requires taking into account adverse environmental impacts, such as destruction or disruption of human-made resources, community cohesion, and the availability of public facilities and services.

CEQA, an economic or social change by itself is not to be considered a significant effect on the environment. However, if a social or economic change is related to a physical change, then social or economic change may be considered in determining whether the physical change is significant. Because this project would result in physical change to the environment, it is appropriate to consider changes to community character and cohesion in assessing the significance of the project's effects.

2.2.4.2 Affected Environment

The information in this section is based on the *Community Impact Assessment* prepared for the project (AECOM 2020c).

The project area is primarily industrial and commercial, and there are no senior centers, schools or medical centers located in or near the project area. The South San Francisco Conference Center (operated by the South San Francisco Conference Center Authority) is located near the project, but would not be affected. The Travelodge is privately operated but also provides conference facilities that are available for rent. The Travelodge conference room area would be unavoidably acquired as a result of the project.

Population and Housing

All project features are in San Mateo County, in South San Francisco, and in Census Tract 6023. The Census Tract includes the project features as well as land east to the San Francisco Bay, west to El Camino Real (SR 82), north past Oyster Point Boulevard, and south to Interstate 380. It contains just 4,167 people or 6.1 percent of the population of the City of South San Francisco, which was estimated to have a population of 67,294. Most of the housing units in the Census Tract are west of Spruce Avenue, west of the project area. The rest of the Census Tract is primarily industrial and commercial land uses (US Census Bureau 2018).

Minority groups[1] represent greater than 50 percent of the population in Census Tract 6023 and South San Francisco. In contrast, San Mateo County has a majority of white individuals (US Census Bureau, 2018). Table 2.2.4-1 illustrates the racial profile of the

[1] Minority is the sum of Black, Native American, Asian, Native Hawaiian, or Other Pacific Islander populations.

US Census Tract 6023, City and County. See Section 2.2.6 below for a detailed breakdown of race, ethnicity, and poverty status in the project area.

Table 2.2.4-1 Racial Profile by Geographic Area

Race	US Census Tract 6023	South San Francisco	San Mateo County
White	32.1%	34.8%	58.5%
Minority	67.9%	65.2%	41.5%

U.S. Census Bureau, 2018. ACS 5-year estimates data.

As shown in Table 2.2.4-2, the Census Tract, City, and County all have a similar age distribution, with the median age being approximately 39 years old. The County has a higher percentage of the population that attained a bachelor's degree (34.7 percent), opposed to the Census Tract (19.3 percent) and City (13.3 percent). However, the City has a higher per capita income than the Census Tract and County (US Census Bureau 2018).

Table 2.2.4-2 Age, Education and Income by Geographic Area

Geographic Area	Median Age	Mean Income Per Capita	Education (Bachelor's Degree)
US Census Tract 6023	39.6	$47,721	19.3%
South San Francisco	40	$82,320	13.3%
San Mateo County	39.6	$71,780	34.7%

U.S. Census Bureau, 2018. ACS 5-year estimates data.

There are 1,136 total household units in the Census Tract. The majority of households are primarily composed of family households (78.6 percent). Similarly, the City and County are primarily composed of family households (75.3 percent and 71.5 percent, respectively). The Census Tract, City and County have similar size households of approximately three people per household (US Census Bureau 2018). Table 2.2.4-3 illustrates household size and composition by geographic area.

Table 2.2.4-3 Household Size and Composition by Geographic Area

Geographic Area	Total Household Units	Average Household Size	Composition (Family Households)
US Census Tract 6023	1,136	3.54	78.6%
South San Francisco	21,083	3.16	75.3%
San Mateo County	276,444	2.89	71.5%

U.S. Census Bureau, 2018. ACS 5-year estimates data.

Economic Conditions

Regional Economy

The City of South San Francisco contains residential areas and a downtown core west of US 101, industrial areas in the Lindenville neighborhood west of US 101 and east of Colma Creek, airport support services (i.e. hotels, restaurants, and distribution businesses) adjacent to US 101 south of Mitchell Avenue, and life sciences (i.e. biotechnical, pharmaceutical, biomedical) companies north of Colma Creek through Oyster Point.

The economy in City of South San Francisco employed 35,247 people in 2016. The largest industries in South San Francisco are Healthcare and Social Assistance (5,378), Retail Trade (3,788), and Accommodation and Food Service (3,461), and Professional, Scientific, Tech (3,461; South San Francisco 2018c). Some of the City's largest employers are Genentech, Costco, Life Technologies Corporation, Amgen San Francisco, Successfactors, ZS Associates, American ETC/Royal Laundry, SBM Site Services, Tobi.com, and Holiday Inn (City of South San Francisco 2017b). The mean travel time to work is 28.6 minutes (US Census Bureau 2019).

Employment and Income

Of the 4,167 people in the Census Tract 6023, 63.5 percent are employed in the civilian labor force above age 16 (Table 2.2.4-4). The City and County have similar percentages of people employed in the civilian labor force ay 68 percent and 68.8 percent, respectively. Census Tract 6023 has a mean household income of $109,844 and 9.4 percent of the population living in poverty and 4.1 percent of the population unemployed. The County has a mean household income of $113,776 and 7 percent of the population living in poverty and 4.1 percent of the population unemployed. The City has a higher mean household income ($120,721) and lower unemployment rate (3.1%) and poverty rate (6.1 percent) than the US Census Tract 6023 and County (US Census Bureau 2018).

Table 2.2.4-4 Economic Conditions by Geographic Area

Geographic Area	Mean Household Income	Labor Force	Poverty Status
US Census Tract 6023	$109,844	63.5%	9.2%
South San Francisco	$120,721	68%	6.1%
San Mateo County	$113,776	68.8%	7.0%

U.S. Census Bureau, 2018. ACS 5-year estimates data.

Business Activity

The project area contains businesses that are dependent upon their close proximity to the San Francisco International Airport and US 101. The project area contains airport parking lots, hotels, multiple restaurants, business parks/office and commercial warehouses. Some commercial businesses in the project area include McCune Audio, Video, Lighting; IHOP restaurant; Travelodge hotel; Best Western hotel and a Denny's

Restaurant. Many businesses in the project area are members of the South San Francisco Chamber of Commerce (South San Francisco Chamber of Commerce 2018).

2.2.4.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not affect the distribution of existing or planned housing, nor the economic conditions of the project area. There is no housing in the proposed project area, and economic activity and employment would not be changed.

Build Alternative

The Build Alternative would change the distribution of existing or planned housing. There is no housing in the proposed project area. The project would not physically divide a residential community or affect residential community cohesion.

Economic Conditions

Regional Economy

The Build Alternative would impact specific businesses at the project location (see Business Activity, below). At a regional level, economic demand and growth in the project area is strong and expected to continue to expand, based on the continued proposed development projects. Specific businesses have the potential to be affected by the Build Alternative, but the industries and housing projections for the region would not be affected.

Employment and Income

The Build Alternative would require right-of-way changes (as described in Section 4.4) and would require the acquisition of business properties. Specifically, the Build Alternative requires the closures of an IHOP location (a restaurant), and a multiuse building that has three business tenants occupied in 2020 by Bay Badminton Center (a badminton club), SF Elite (a volleyball club), and Golden Gate Moving Company (a moving and storage company). The design of the project cannot avoid the acquisition of these properties due to the need to connect Utah Avenue between both sides of US 101. The IHOP location employs approximately 20 or more people (Owler 2018, IHOP 2018). The sports clubs and moving company employees at these locations is unknown. The partial acquisition at the Park ‘N Fly lots (a provide SF Airport remote parking service) will affect a portion of the work force at this location. The partial acquisition at the Travelodge hotel will affect employees associated with the conference facility. These companies would be eligible for relocation compensation for the affected businesses. This is an adverse impact.

Business Activity

As noted above, the Build Alternative would require right-of-way changes (as described in Section 4.4) and would require partial property acquisitions from

businesses including two full acquisitions, and permanent easements. All property owners will be compensated for businesses losses in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970. The Build Alternative has the potential to result in fewer businesses in the proposed project area in the short-term if they choose or are unable to relocate within the immediate area. In the long-term, given that demand for property is greater than supply, it is expected that all property in the project area would be used for the highest economic gain, and business activity in the proposed project area would remain robust.

The Build Alternative would require construction near the South San Francisco Conference Center but would not impact business activities at that facility.

Private facilities and businesses that serve the community and regional area that would be impacted are (refer also to Table 2.2.5-1):

- Travelodge: The private conference room area, pool area, and entrance to the Travelodge would be acquired; the entrance facility would require compensation and redesign in order to restore its function within the remaining parcel. Although existing rooms at this hotel are not directly impacted or removed, the number of rooms may be affected if the hotel property is reconfigured to accommodate reconstructed entrance, pool, and conference area facilities. The extent of these compensatory changes would be determined by the hotel owner and Caltrans during right-of-way acquisition.

- Park ‘N Fly: A portion of the Park ‘N Fly lots would be acquired to accommodate the overcrossing, the entrance facilities would be impacted requiring reconfiguration within the property, and the project would require temporary construction easements within the parking area that would temporarily impact the number of parking stalls and the revenue associated with those parking stalls. Once the Utah Avenue overcrossing is constructed, the remaining parking area (reduced in area/reduced parking number of parking stalls) beneath the structure would be accessible for continued use for airport parking and shuttle services.

- Bay Badminton Center, SF Elite, and Golden Gate Moving Company: The building housing these three businesses would be fully acquired and removed (unless during right-of-way acquisition and final design a portion of the building can be retained). These three businesses and property owners would have to relocate and would be eligible for relocation assistance and compensation, which would be fully determined during right-of-acquisition.

- IHOP Restaurant: This restaurant would be acquired and removed, and no longer serve the local or regional community. The owner and business would be eligible for relocation assistance and compensation.

Table 2.2.5-1 Potential Full Acquisitions, Partial Acquisitions, Temporary Construction Easements of the Build Alternative

Assessor's Parcel Number (APN)	Parcel Address/Location	Name and Type of Business	Project Feature	Impact Type	Potential Impact to Existing Use
015-145-050	101 Utah Avenue (east of US 101)	McCune Audio, Video, Lighting	New driveway from Utah Avenue	Temporary Construction Easement (TCE) during construction	Driveway used for truck access would be impacted for a short period during construction. Two parking spaces would be permanently removed, and three parking spaces would be temporarily impacted.
015-142-080	100 Utah Avenue (east of US 101)	Clothing warehouse, with front office space	New walkway	TCE during construction	Pedestrian walkway off Utah Avenue would be impacted for a short period during construction. Driveway access from Utah Avenue and South Airport Boulevard would be impacted for a short period during construction.
015-141-260	316 South Airport Boulevard (east of US 101)	IHOP restaurant	New Utah Avenue Overcrossing	Full Property Acquisition, Temporary Construction	Restaurant acquired/purchased, and removed. Remainder of lot will become TCE.
015-141-030	326 South Airport Boulevard (east of US 101)	Travelodge hotel conference center and pool area	New Utah Avenue Overcrossing	Partial Property Acquisition, TCE during construction	Travelodge conference center, entrance plaza, and swimming pool would be removed for construction of southern overcrossing abutment and elevated roadway.
015-141-999 (PG&E SBE 135-141-050)	326 South Airport Boulevard (east of US 101)	Travelodge parking lot (beneath PG&E overhead lines)	New roadway between South Airport Boulevard to Travelodge Airport Hotel	Partial Property Easement, TCE during construction	Approximately 41 parking spaces in front of Travelodge would be permanently removed (for relocated entrance to the hotel).

Assessor's Parcel Number (APN)	Parcel Address/Location	Name and Type of Business	Project Feature	Impact Type	Potential Impact to Existing Use
015-141-999 (PG&E SBE 135-141-050)	326 South Airport Boulevard	Travelodge parking lot (beneath PG&E overhead lines)	New Utah Avenue Overcrossing	Partial Property Easement, Temporary Construction	Approximately 10 parking spaces in front of Travelodge would be permanently removed.
015-141-222	380 South Airport Boulevard (east of US 101)	Best Western hotel parking lot	New roadway between South Airport Boulevard to Travelodge Airport Hotel	Partial Property Acquisition, TCE during construction	Approximately 2 parking spaces from north end of Best Western parking lot would be permanently removed (for relocated entrance driveway to Travelodge).
015-113-044	No Address (west of US 101, between 1416 San Mateo Avenue and Park 'N Fly lot)	Kinder Morgan oil pipeline	New Utah Avenue Overcrossing	Permanent Easement, and TCE during construction.	Easement needed to allow for Utah Avenue extension on fill. Protect existing oil pipeline during construction.
015-113-350 015-113-290 015-113-340 015-113-330	Entrance at 160 Terminal Court (west of US 101)	Park 'N Fly Airport Parking Lot (north of Terminal Court)	New Utah Avenue Overcrossing	Partial Property Acquisition, TCE during construction, Aerial Easement	Two parking spaces permanently removed due to proposed bridge columns and 14 parking spaces temporarily impacted. Partial ROW take. 96 parking spaces permanently removed and 60 parking spaces would be temporarily impacted. (156 total among 015-113-290, 015-113-330, and 015-113-340). Partial ROW take.
015-113-210	131 Terminal Court (west of US 101)	Golden Gate Produce Terminal	New Utah Avenue Overcrossing	Partial Property Acquisition, TCE during construction, Aerial Easement	Three parking spaces permanently removed for proposed bridge columns and Twenty-one parking spaces would be temporarily impacted. Partial ROW take.

Assessor's Parcel Number (APN)	Parcel Address/Location	Name and Type of Business	Project Feature	Impact Type	Potential Impact to Existing Use
015-114-370	1404, 1416, 1422 San Mateo Avenue (west of US 101)	Commercial Warehouse (Moving Company/Sports Facilities)	New Utah Avenue Overcrossing	Full Property Acquisition	The building would be removed to allow for Utah Avenue extension. This building currently contains Bay Badminton Center, SF Elite, and Golden Gate Moving Company.
015-113-240	Entrance on Terminal Court (west of US 101)	Park 'N Fly Airport Parking Lot (south of Terminal Court)	New Utah Avenue Overcrossing	Partial Property Acquisition, Aerial Easement, TCE during construction	Approximately three parking spaces would be temporarily impacted. Entrance plaza would be temporarily impacted. Partial ROW take.
015-113-380	100 Produce Avenue (west of US 101)	PS Business Parks	Widen San Mateo Avenue	Partial Property Acquisition, TCE during construction	Six parking spaces would be permanently removed. Ten parking spaces would be temporarily impacted. Landscaping would be removed and replaced. Partial ROW take.
015-126-050	10 South Airport Boulevard (west of US 101)	Denny's Restaurant	Widen South Airport Boulevard	Partial Property Acquisition, TCE during construction	Two parking spaces adjacent to South Airport Boulevard would be temporarily impacted. Some existing trees would be removed and replaced. Partial ROW take.
015-113-180	124 South Airport Boulevard (west of US 101)	Business Park/Office	Widen South Airport Boulevard and San Mateo Avenue	Partial Property Acquisition, TCE during construction	Approximately fifteen parking spaces would be temporarily impacted. Landscaping would be removed and replaced. Partial ROW take.

- Golden Gate Produce Terminal: This business should be able to maintain full operations during and after construction. Temporary impacts near the entrance will occur to allow for installation of the overcrossing piers and overhead crossing structure. After construction is completed, the Utah Avenue overcrossing would be above the entrance area on Terminal Court, and access to this facility will remain from Terminal Court.

- Permanent and temporary impacts to business entrances, landscaping, and private parking: Business at the intersections of South Airport Boulevard/Utah Avenue, and at South Airport Boulevard/San Mateo Avenue/Produce Avenue would be affected by the reconfiguration of these intersections. The South Airport Boulevard/Utah Avenue intersection will have new turning lanes, and the elevation of this intersection will be slightly raised, to accommodate the new connection to the Utah Avenue overcrossing. The intersection at South Airport Boulevard/San Mateo Avenue/Produce Avenue will require reconfiguration to accommodate turning lanes. This would require changes to the private business driveways, sidewalks, and landscaping that are adjacent to these intersections. The affected businesses will be able to remain open during and after construction, although access at the driveways during construction may require temporary changes or realignments.

A Draft Relocation Impact Memorandum prepared for the DEIR/EA identified the two full property acquisitions described above (at the IHOP restaurant and the building housing the Bay Badminton Center, SF Elite, and Golden Gate Moving Company). It also identified the partial acquisitions and temporary construction easements summarized above. A Final Relocation Impact Memorandum was prepared following public review and comment on the DEIR/EA. There are no changes in the proposed property acquisitions between the Draft and Final Relocation Impact Memoranda, because there were no necessary changes in proposed property requirements.

2.2.4.4 Avoidance, Minimization, and/or Mitigation Measures

Population and Housing

The Build Alternative would include features that would minimize community impacts, and potentially enhance community character. These beneficial features include new pedestrian and bicycle facilities, such as the sidewalks and bicycle paths on the proposed overcrossing structure.

Economic Conditions

Any business that moves from real property, moves personal property from real property as a result of the acquisition of the real property, or is required to relocate as a result of a written notice from Caltrans from the real property required for a transportation project is eligible for relocation assistance. All activities will be conducted in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended. Relocation resources shall be available to the displaced in compliance with Title VI and State statute, after eligibility has been determined.

2.2.5 Relocations and Real Property Acquisition

2.2.5.1 Regulatory Setting

Caltrans' Relocation Assistance Program (RAP) is based on the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (as amended) and Title 49 Code of Federal Regulations (CFR) Part 24. The purpose of the RAP is to ensure that persons and businesses displaced as a result of a transportation project are treated fairly, consistently, and equitably so that such persons will not suffer disproportionate injuries as a result of projects designed for the benefit of the public as a whole. See Appendix C for a summary of the RAP.

All relocation services and benefits are administered without regard to race, color, national origin, or sex in compliance with Title VI of the Civil Rights Act (42 United States Code [USC] 2000d, et seq.). Please see Appendix B for a copy of Caltrans' Title VI Policy Statement.

2.2.5.2 Affected Environment

The information in this section is based on the *Community Impact Assessment* prepared for the project (AECOM 2020c).

No residential parcels would be acquired or used for temporary construction access or staging for the project. However, several nearby business properties would be impacted by this project and cannot be avoided. Partial and full takes would be required, as well as temporary construction and permanent easements, and compensation would be provided in accordance with the State's relocation assistance and property acquisition policies.

West of US 101, the new overcrossing would require acquisition and removal of a warehouse building off San Mateo Avenue that currently houses three businesses (two sports-related businesses and a moving company). Partial acquisition, aerial easements, and temporary construction easements would be necessary at the Golden Gate Produce Terminal, and the Park 'N Fly airport parking lots that are accessed from Terminal Court and Produce Avenue. A permanent utility easement and temporary construction easement would be needed at the Kinder Morgan pipeline crossing that is located underground between the warehouse off San Mateo Avenue and the west side of the Park 'N Fly lot.

On the east side of US 101, the new overcrossing would require acquisition and demolition of several buildings accessed from South Airport Boulevard. The IHOP restaurant would require acquisition and removal. The northern most buildings at the Travelodge would be impacted and partial acquisition of this property required. This acquisition would impact (require removal of) the hotel reception area, the outdoor pool facility, and the hotel's meeting and conference center buildings. The remainder of the Travelodge facility would not be impacted, and the entrance facilities would be reconstructed. The new entrance road would require partial acquisition of the parking lot area to provide the new driveway to the property from South Airport Boulevard.

The intersection at South Airport Boulevard and Utah Avenue would be reconstructed. This would require partial acquisition and temporary easements at portions of the parking and landscaped areas at this intersection. The intersection at Airport Boulevard/San Mateo Avenue/Produce Avenue would also be reconstructed. This would include widening of a portion of San Mateo Avenue and South Airport Boulevard and partial acquisition and temporary easements at the parking and landscaped areas. Parking along the section of San Mateo Avenue that is restriped for an additional lane would preclude on-street parking. This removal of street parking is discussed in Section 2.2.8.3.

See Appendix C for a summary of relocation benefits, as detailed by Caltrans' RAP.

2.2.5.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not require changes to properties in the proposed project area.

Build Alternative

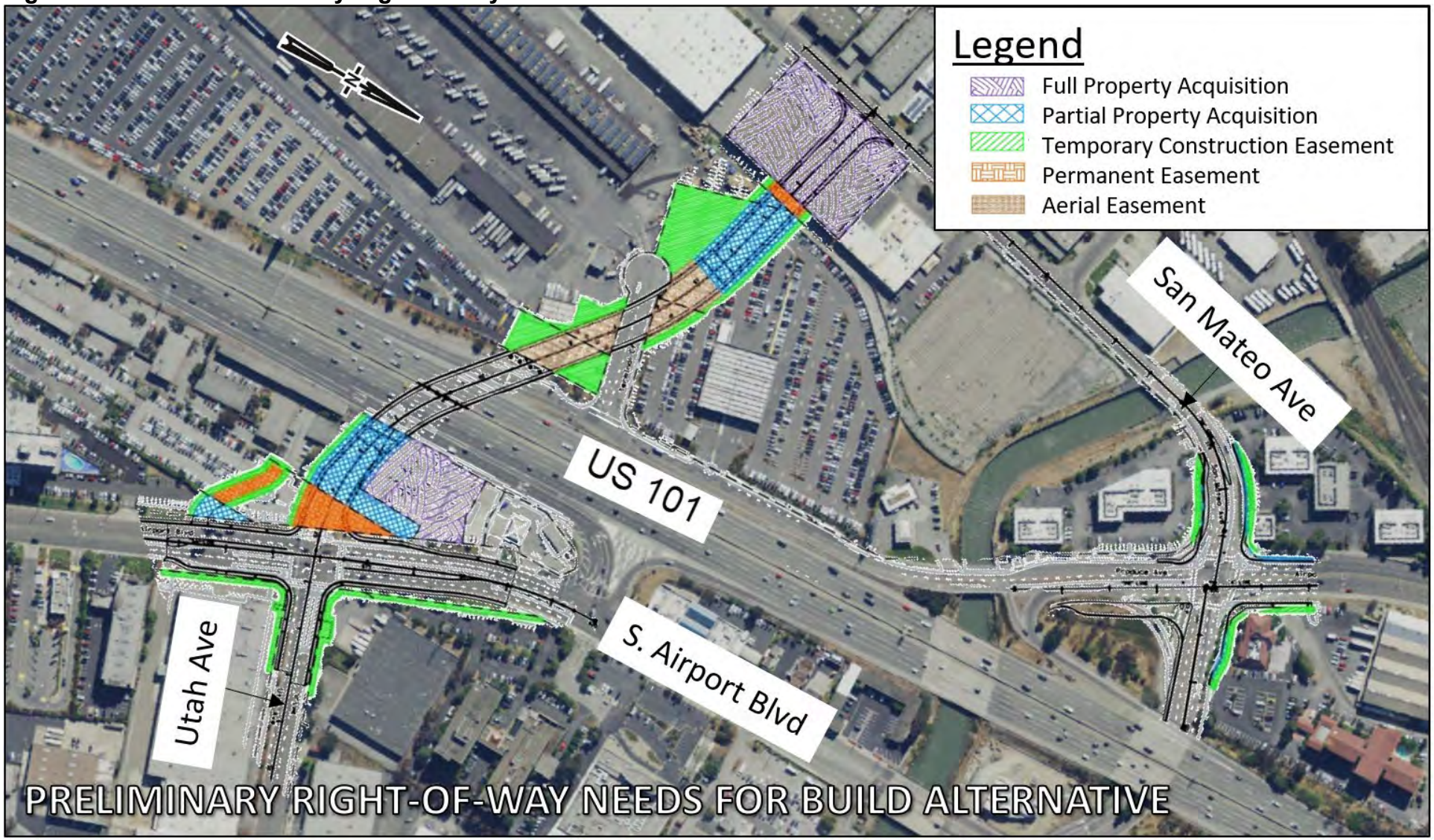
The Build Alternative would require the full acquisition of two parcels and partial acquisitions from industrial and commercial properties. Adverse impacts as a result of relocations and property acquisition are anticipated, and compensation and relocation assistance would be provided correspondingly, as described below. Throughout the project area, TCEs would be needed for construction access and staging. No residential properties would be affected. The potentially affected properties are listed in Table 2.2.5-1 and depicted in Figure 2.2.5-1. Descriptions of potential project impacts are listed below.

At this preliminary stage of project design, the Build Alternative is anticipated to require two full property acquisitions; partial property acquisitions from 10 properties; 14 temporary construction easements to accommodate new walkways, new overcrossing, roadway widening, and new driveway; one permanent easement (at an underground pipeline); and three aerial easements (to allow raising of overhead powerlines). All property owners and tenants will be made aware of any potential impacts to businesses and all businesses not being acquired would be able to remain open during project construction. The actual impacts to properties will be determined during the project's final design phase.

Partial Property Acquisitions

Some businesses may experience loss of revenue due to the full or partial property acquisitions. An example of such loss includes public parking lots that may lose a portion of their parking spaces due to partial property acquisition. Parking spaces at Travelodge Hotel; Best Western; McCune Audio, Video, Lighting; Park 'N Fly Airport Parking Lot; Golden Gate Produce Terminal; and PS Business Park will be permanently lost. The Travelodge hotel at 326 South Airport Boulevard would lose property amenities consisting of their swimming pool and conference center as a result of the overcrossing.

Figure 2.2.5-1 Preliminary Right-of-Way Needs for Build Alternative



According to the "Your Property, Your Transportation Project Booklet," when only a part of a property is needed for a project, every reasonable effort is made to ensure that the owner does not suffer damages to the remainder of your property (Caltrans 2008). The total payment for the property that is actually purchased and for any loss in market value to the remaining property. Each property will be evaluated independently by the project right-of-way staff during final design and property owners will have the opportunity to coordinate with Caltrans and/or the City of South San Francisco to determine the value of the property impacts. Therefore, partial property acquisitions are not anticipated to create a hardship for property owners in the proposed project area.

Full Property Acquisitions

Full property acquisitions will be required for two properties to accommodate the new Utah Avenue overcrossing. The IHOP (APN #015-141-260) located at 316 Airport Boulevard would be acquired, purchased, and removed. Additionally, a commercial building (APN #015-114-340) at 1404, 1416, 1422 San Mateo Avenue would be acquired, purchased, and removed.

There are properties available in the area that are similar to those that would be acquired with the Build Alternative—this will minimize the impact to property owners. San Mateo County has three properties for sale that are suitable for restaurant retail uses, as well as nine warehouses (LoopNet 2021). Suitable relocation properties are available in the county and the surrounding area (within a 50-mile radius). The property owner would be compensated for its loss in the property under the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970. In addition, the measures described in Section 2.2.5.4 below would minimize impacts to the property owner.

Impacts to Neighboring Businesses

Table 2.2.5-1 describes the potential property impacts the Build Alternative could have to businesses in and around the project area. Many of the businesses with the potential to be impacted rent their space from the property owner. However, they are not entitled to compensation under the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970. Each individual lease for rental of business property would govern the impacts to businesses that rent property in one of the parcels described in Table 2.2.5-1. Regardless, Caltrans is committed to providing as much notice as possible to both property owners and tenants. Chapter 4 describes the public outreach that has already occurred and that is planned for the Build Alternative.

2.2.5.4 Avoidance, Minimization, and/or Mitigation Measures

The Caltrans Relocation Assistance Program would be made available to assist in providing relocation benefits or entitlements to property owners. A booklet describing business property owner rights and benefits under the Caltrans Relocation Assistance Program is provided in Appendix C. Early coordination with the business owners would provide displaced employees with the time necessary to transition with minimal impacts. The Build Alternative would provide for the relocation of businesses, compensation, and there are sufficient vacancies available in the area for relocation. Acquired business properties can relocate to any location of their choice.

2.2.6 Environmental Justice

2.2.6.1 Regulatory Setting

All projects involving a federal action (funding, permit, or land) must comply with Executive Order (EO) 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, signed by President William J. Clinton on February 11, 1994. This EO directs federal agencies to take the appropriate and necessary steps to identify and address disproportionately high and adverse effects of federal projects on the health or environment of minority and low-income populations to the greatest extent practicable and permitted by law. Low income is defined based on the Department of Health and Human Services poverty guidelines. For 2021, this was $26,500 for a family of four.

All considerations under Title VI of the Civil Rights Act of 1964, and related statutes, have also been included in this project. Caltrans' commitment to upholding the mandates of Title VI is demonstrated by its Title VI Policy Statement, signed by the Director, which can be found in Appendix B of this document.

2.2.6.2 Affected Environment

The information in this section is based on the *Community Impact Assessment* (CIA) prepared for the project (AECOM 2020c).

The environmental justice analysis incorporates a slightly different set of data than the other portions of the CIA. To determine the presence of environmental justice communities of concern that have the potential to be affected by the project, higher resolution data was used. The environmental justice analysis includes the Census block groups that contain or boarder the project area. Block groups are divisions of Census tracts that are delineated by local or regional organizations and usually consist of a cluster of several blocks (U.S. Census Bureau 2012). For the environmental justice analysis, the study area block groups are compared to the County of San Mateo (i.e. reference area). Data for the analysis was derived from the US Census Bureau 2015-2018 American Community Survey 5-Year Estimates (U.S. Census Bureau 2018).

Caltrans identifies a community as an environmental justice community of concern if it meets one or both of the following criteria:

- The minority population exceeds 50 percent or is meaningfully greater (e.g., more than 10 percentage points) than the minority population percentage in the general population or other appropriate unit of geographic analysis (e.g., the surrounding county).
- The low-income population comprises more than 25 percent of the Census block group or tract.

There are five block groups that contain or border the project area. Three block groups meet at least one of the criteria of an environmental justice community of concern, as shown in Table 2.2.6-1. The project area north of I-380 has a higher proportion of Hispanic and low-income persons than the rest of the study area or county as a whole.

Table 2.2.6-1 Summary of Race, Ethnicity, and Poverty Status by Geographic Area

Geography	Black	Native American	Asian	Native Hawaiian or Other Pacific Islander	Minority*	Hispanic	Below Poverty Level
San Mateo County	3.6%	1.2%	23.1%	2.2%	30.1%	25.2%	7.0%
Census Tract 6022, BG 2	2.0%	0.0%	21.2%	1.0%	24.2%	66.9%	16.3%
Census Tract 6022, BG 3	1.9%	0.0%	16.1%	0.0%	18.0%	75.5%	10.2%
Census Tract 6023, BG 1	4.1%	0.4%	25.1%	3.7%	32.9%	52.4%	9.2%
Census Tract 6042, BG 1	1.2%	0.0%	34.1%	0.0%	35.3%	36.2%	0.0%
Census Tract 6042, BG 2	0.0%	0.0%	18.6%	28.3%	46.9%	32.9%	5.2%

Notes: *Minority is the sum of Black, Native American, Asian, Native Hawaiian or Other Pacific Islander., BG = Block Group, Grey Shading – Reference population, Bold – Meets at least one of the criteria of an environmental justice community of concern, Source: Census 2018

2.2.6.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not involve construction activities or alter existing circulation or business activity to affect environmental justice communities of concern. It would also not improve pedestrian and bicycle access between the east and west parts of the City for environmental justice communities on the west side of US 101.

Build Alternative

The Build Alternative would involve construction of a new overcrossing structure as well as changes to local streets in the proposed project area. Three block groups that overlap or border the proposed project area meet at least one of the criteria for of an environmental justice community of concern. Because there is no housing in or immediately adjacent to the proposed project area, residents of the communities of concern would have the potential to be affected only when traveling through the project area. These impacts could include street closures as well as construction noise and dust. These effects would be limited to the period of project construction and would affect all people that travel through the project area by vehicle, transit, on foot, or by bicycle.

Local residents, including those that live in an environmental justice community of concern, would also have the potential to be impacted by changes in business activity in the project area. However, as noted in Section 2.2.4, changes to business activity as part of the proposed project are expected to be minimal and limited primarily to business property owners. Because the potentially affected businesses are owned by people that reside in the City and elsewhere around the country, the changes to business activity would not represent a disproportionate impact to an environmental justice community of concern.

2.2.6.4 Avoidance, Minimization, and/or Mitigation Measures

Based on the above discussion and analysis, the Build Alternative will not cause disproportionately high and adverse effects on any minority or low-income populations in accordance with the provisions of Executive Order 12898. No further environmental justice analysis is required. No avoidance, minimization, and mitigation measures are required.

2.2.7 Utilities and Emergency Services

2.2.7.1 Affected Environment

Power, gas, telecommunication (fiber optic), and water utilities are located within the project vicinity. Pacific Gas and Electric (PG&E) provides gas and electricity service; American Telephone and Telegraph Company (AT&T), Verizon, and San Mateo County provide telecommunication service through the project area; and the California Water Service manages water utilities located within the project limits. The City of South San Francisco provides sewer service.

Police protection and traffic enforcement services in the study area are provided by the South San Francisco Police Department. CHP has jurisdiction over the US 101 corridor. Fire protection services in the study area are provided by the South San Francisco Fire Department.

2.2.7.2 Environmental Consequences

The information in this section is based on the *Community Impact Assessment* prepared for the project (AECOM 2020c).

No Build Alternative

The No Build Alternative would not require utility relocations and would not affect emergency services.

Build Alternative

Lane closures and detours within the project area would be required to construct the Build Alternative. During final design, a Transportation Management Plan (TMP) will be developed for the project to minimize construction-related delays and inconvenience to project area residents/employees and the traveling public. The TMP will include notification to emergency service providers and the public of lane closures and detours; coordination with CHP and local law enforcement on contingency plans; and using portable Changeable Message Signs where possible to minimize delays. Therefore, no emergency services would be temporarily affected by construction of the Build Alternative. No law enforcement, fire, and/or emergency services would be permanently affected by the proposed project as access to US 101 would not be permanently altered by the project.

Utility investigations have identified the location and extent of existing service lines within the project area. The project would require relocating some utilities. There are three pairs of existing 115 kilovolt (KV) overhead electrical lines that are parallel to, and approximately 200 feet east of, the northbound US 101 freeway. Because South Airport Boulevard would be elevated to conform to the proposed new US 101/Produce Avenue overcrossing, the overhead lines would be raised by PG&E to maintain the required clearance above these local roadways. The relocation of utilities would result in localized construction impacts that will require coordination and possible temporary measures to maintain service.

2.2.7.3 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization or mitigation is required.

2.2.8 Traffic and Transportation/Pedestrian and Bicycle Facilities

2.2.8.1 Regulatory Setting

Caltrans, as assigned by FHWA, directs that full consideration should be given to the safe accommodation of pedestrians and bicyclists during the development of Federal-aid highway projects (see 23 Code of Federal Regulations [CFR] 652). It further directs

that the special needs of the elderly and the disabled must be considered in all Federal-aid projects that include pedestrian facilities. When current or anticipated pedestrian and/or bicycle traffic presents a potential conflict with motor vehicle traffic, every effort must be made to minimize the detrimental effects on all highway users who share the facility.

In July 1999, the U.S. Department of Transportation (USDOT) issued an Accessibility Policy Statement pledging a fully accessible multimodal transportation system. Accessibility in federally assisted programs is governed by the USDOT regulations (49 CFR 27) implementing Section 504 of the Rehabilitation Act (29 United States Code [USC] 794). The FHWA has enacted regulations for the implementation of the 1990 Americans with Disabilities Act (ADA), including a commitment to build transportation facilities that provide equal access for all persons. These regulations require application of the ADA requirements to Federal-aid projects, including Transportation Enhancement Activities.

2.2.8.2 Affected Environment

The information in this section is based on the *Traffic Operations Analysis Report* (TOAR) prepared for the project (AECOM 2022a). Existing conditions represent the years of 2017/2018. Future conditions are projected for the years 2025 (Opening Year) and 2045 (Design Year). The study area of the TOAR includes portions of US 101 and several local intersections in the City of South San Francisco. The project study area was identified based on inputs from the study team, the City of South San Francisco and Caltrans staff. The study intersections and the extent of the study freeway segments are listed below.

Mainline Segments:[2]

- US 101 Northbound between the Millbrae Avenue interchange and the Sierra Point Parkway interchange
- US 101 Southbound between the Sierra Point Parkway interchange and the Millbrae Avenue interchange

Study Intersections:

1. US 101 Southbound off-ramp/Airport Boulevard/Miller Avenue
2. US 101 Northbound on-ramp/Airport Boulevard/Grand Avenue
3. East Grand Avenue/Dubuque Avenue
4. East Grand Avenue/Grand Avenue
5. East Grand Avenue/Gateway Boulevard
6. Produce Avenue/Airport Boulevard/San Mateo Avenue
7. South Airport Boulevard/Gateway Boulevard/Mitchell Avenue
8. US 101 Southbound off-ramp/Produce Avenue
9. US 101 Southbound on-ramp/Produce Avenue/Terminal Court
10. US 101 Northbound off-/on-ramps/South Airport Boulevard

[2] Analyzed under Existing Conditions only

11. San Mateo Avenue/Utah Avenue (Future)
12. US 101 Southbound on-ramp/Utah Avenue/Produce Avenue (conceptual intersection initially evaluated but not carried forward[2])
13. US 101 Southbound off-ramp/Utah Avenue (conceptual intersection initially evaluated but not carried forward)[3]
14. South Airport Boulevard/Utah Avenue[4]
15. Harbor Way/Utah Avenue
16. South Linden Avenue/San Mateo Avenue
17. San Mateo Avenue/Shaw Road/Tanforan Avenue
18. South Airport Boulevard/Belle Aire Road

Traffic Operations Analysis Methods and Existing Conditions

Intersection Operations

Study intersections were analyzed using Highway Capacity Manual (HCM) 2000 methodologies. Traffic operations were analyzed using the Synchro/Sim-Traffic 10.0 software program, which is based on procedures outlined in HCM 2000.

Level of Service is an indicator of operating conditions on a roadway or at an intersection and is defined in categories ranging from A to F. These categories can be viewed much like school grades, with A representing the best traffic flow conditions and F representing poor conditions. LOS A indicates free-flowing traffic and LOS F indicates substantial congestion with stop-and-go traffic and long delays at intersections. In urban areas, because intersections are spaced relatively close together, intersection capacities generally control traffic operations on the arterials. Therefore, the level of service at signalized intersections gives a good indication of the general operating conditions throughout the transportation network. The micro-simulation model, Sim-Traffic, was used to determine queue lengths at key study intersections.

LOS is determined differently depending on the type of control at a given intersection. For side-street stop-controlled intersections, the LOS rating is based on the weighted average control delay of each minor street movement as well as major –street left-turns measured in seconds per vehicle. At all-way stop-controlled and signalized intersections, the LOS rating is based on the weighted average control delay of all movements measured in seconds per vehicle. Peak hour traffic volumes, lane configurations and signal timing plans are used as inputs in the LOS calculations. The LOS criteria used for this methodology are summarized in Table 2.2.8-1 for both signalized and un-signalized intersections. Results from Sim-Traffic were used to determine the delay, and LOS at all intersections.

[3] Intersections #12 and #13 were initially identified as conceptual intersection geometric designs for alternatives that were ultimately not carried forward, and were therefore not analyzed for traffic conditions because these would not be needed with the proposed project design. Only one proposed Build Alternative was advanced for this project, and it was determined that these future intersections would not need to be carried forward into the operations analysis (because they are not needed for the proposed Build Alternative) and hence were dropped from the traffic operational analysis.

Table 2.2.8-1 Intersection Level of Service Categories

LOS	Signalized Intersection Delay	Unsignalized Intersections Delay	Description
A	delay ≤ 10.0	delay ≤ 10.0	Little or no traffic delay
B	10.0 < delay ≤ 20.0	10.0 < delay ≤ 15.0	Minimal traffic delay
C	20.0 < delay ≤ 35.0	15.0 < delay ≤ 25.0	Average traffic delay
D	35.0 < delay ≤ 55.0	25.0 < delay ≤ 35.0	Long traffic delay
E	55.0 < delay ≤ 80.0	35.0 < delay ≤ 50.0	Very long traffic delay
F	delay > 80.0	delay > 50.0	Extreme traffic delay

Other measures of effectiveness for intersections include the 95th percentile queue lengths for the existing and future conditions from the Sim-Traffic multi-run simulation.

The traffic volumes collected at the studied intersections are the served volumes that are passing through the intersection, while vehicles in queue are the unserved volumes. The actual traffic demand at the intersection is the sum of both served and unserved volumes. Therefore, as a part of calibration process, the counts were adjusted to reflect the actual demand to match field observations.

For this analysis, the selected global peak hour was between 8:00 AM and 9:00 AM in the morning and between 4:45 PM and 5:45 PM in the evening.

In order to document the existing traffic operations and queueing conditions, Sim-Traffic was used to provide real time operating conditions of the study intersections.

Table 2.2.8-2 summarizes the existing intersection LOS and average vehicle delay results for the study intersections. All the study intersections are currently operating at Caltrans acceptable standard level of service (LOS C/D or better) during both AM and PM peak hours except the following intersection:

- Intersection of Produce Avenue/101 SB on-ramp/Terminal Court (#9) operates at LOS F during the PM peak hour

Forecast Traffic Volumes and Vehicle Miles Traveled

The future forecast volumes for the study area were developed using the C/CAG-VTA Countywide model, which was enhanced for the US 101 Managed Lanes Study. The C/CAG model used for developing the forecasts for the 2016/2017 US 101 Managed Lanes Study has a base year of 2013, an interim year of 2020 and a long-range horizon of 2040. To match with this Project's opening year (2025) and design year (2045), the traffic model's interim year 2020 forecasts and long-range horizon 2040 forecasts were interpolated linearly.

Table 2.2.8-2 Existing Conditions LOS and Delay

No.	Intersection	Control	AM Peak Hour Delay (Sec/Veh)	AM Peak Hour LOS	PM Peak Hour Delay (Sec/Veh)	PM Peak Hour LOS
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Signal	26.3	C	19.8	B
2	Airport Boulevard and E. Grand Avenue	Signal	25.5	C	34.3	C
3	Dubuque Avenue and E. Grand Avenue	Signal	7.7	A	18.9	B
4	Grand Avenue and E. Grand Avenue	Signal	11.4	B	13.6	B
5	Gateway Boulevard and E. Grand Avenue	Signal	26.6	C	20.0	C
6	Produce Avenue/Airport Boulevard and San Mateo Avenue	Signal	22.4	C	30.4	C
7	Gateway Boulevard and South Airport Boulevard/Mitchell Avenue	Signal	27.8	C	30.2	C
8	Produce Avenue and 101 SB off-ramp	TWSC	8.7	A	16.6	C
9	Produce Avenue/101 SB on-ramp and Terminal Court	TWSC	22.1	C	82.0	F
10	South Airport Boulevard and 101 NB ramps/Wondercolor Lane	Signal	41.1	D	46.3	D
11	San Mateo Avenue/Utah Avenue (does not exist under Existing Conditions)	NA	NA	NA	NA	NA
14	South Airport Boulevard and Utah Avenue	Signal	40.8	D	31.9	C
15	Harbor Way and Utah Avenue	AWSC	12.3	B	9.6	A
16	San Mateo Avenue and Linden Avenue	Signal	4.7	A	6.1	A
17	San Mateo Avenue and Tanforan Avenue/Shaw Road	TWSC	10.0	B	7.8	A
18	South Airport Boulevard and Belle Aire Road	Signal	30.6	C	15.8	B

Notes:
Intersections originally identified as #12 and #13 were not carried forward as part of the proposed project, and were therefore not evaluated in the traffic analysis and not included in this table. Results are based on Sim-Traffic average of 10 runs.
NA = Not Applicable
TWSC – Two-Way Stop Control; AWSC – All-Way Stop Control
A. Two-way stop-controlled Intersections are analyzed for worst movement.
B. Average Intersection delay is reported for All-way stop controlled Intersections and Signalized Intersections.

The model uses a standard 4-step process that includes: trip generation, trip distribution, mode choice and multi-class trip assignment. The mode choice step is a nested logic style model that predicts travel for autos (drive-alone, shared-ride 2, shared ride 3+) and transit (local bus, express bus, BART, Caltrain, and LRT). Private shuttle services were coded into the model to represent employer shuttles traveling on US 101 from San Francisco to key major employers in San Mateo and Santa Clara counties.

Two scenarios were modeled to use for the traffic operational analyses:

- No Build Alternative – Freeway mainline segments and study intersections were evaluated for the No Build geometry for both the opening year (2025) and design year (2045) traffic volumes. No build geometry is existing geometry plus any approved (roadway/interchange) modifications. The Managed Lanes on US 101 to the south of this project are assumed to be operational for the opening year and design year. In addition, for the design year conditions, extension of Managed Lanes to the north is also included.

- Build Alternative – Freeway mainline segments and study intersections were evaluated for the Build Alternative geometry, which includes any approved roadway/interchange modifications included under the No Build Alternative, for both the opening year (2025) and design year (2045) traffic volumes.

Access, Circulation, and Parking

The proposed project area contains a freeway, major arterial, and minor arterial roads (City of South San Francisco 2014a). The following roadways have the potential to be affected by the Build Alternative and are described below.

- US 101. Within the study area the freeway has four general purpose lanes in each direction. In the southbound direction, auxiliary lanes exit at the South Airport Boulevard-Produce Avenue off-ramp and at the connector ramps to I-380. In the northbound direction, there are auxiliary lanes that connect to the on- and off-ramps at South Airport Boulevard.

- Produce Avenue is a major arterial roadway that connects Airport Boulevard to US 101. It is a three-lane road with two lanes in the southbound direction and one lane in the northbound direction.

- South Airport Boulevard is a major arterial road that runs from the Airport Boulevard/San Mateo Avenue/Produce Avenue/South Airport Boulevard intersection east crossing under US 101 then heading south across Colma Creek. East of US 101, South Airport Boulevard has two lanes in the northbound direction and two lanes in the southbound direction plus turn lanes at intersections and many business driveways.

- Utah Avenue is a major arterial roadway from Harbor Way to South Airport Boulevard. It serves as a major east-west roadway between the life sciences businesses and US 101. It is a four-lane roadway with two lanes in each direction.
- San Mateo Avenue is a minor arterial roadway that runs north-south on the west side of US 101. It also connects to Airport Boulevard north of Colma Creek. It is a two-lane roadway with on-street parking in each direction.
- Terminal Court is a cul-de-sac roadway that stems from Produce Avenue and serves the Golden Gate Produce Terminal and the Park ‘N Fly parking lot.

Public Transportation

There are four bus stops in the project area on South Airport Boulevard (two in the northbound direction and two in the southbound direction). The stations at Utah Avenue and South Airport Boulevard provide bus service for SamTrans routes 292 and 397. The stations at South Airport Boulevard in front of the convention center provide service for SamTrans routes 292 and 397 as well as the Utah/Grand BART Shuttle, Utah/Grand Ferry Shuttle, and the Utah/Grand Caltrain Shuttle. These shuttles provide service to the South San Francisco BART station, ferry terminal, and Caltrain station and area businesses. They are supported by the Bay Area Air Quality Management District, San Mateo City/County Association of Governments, and San Mateo County Transportation Authority (Commute.org 2018).

Bicycle and Pedestrian Facilities

Bicyclists and pedestrians can only cross US 101 in two places in the project vicinity: at the US 101/East Grand Avenue overcrossing (north of the project area), and at the US 101/South Airport Boulevard undercrossing (within the proposed project area). The following is a list of existing bicycle facilities that cross through the project area:

- An existing Class II bicycle lane extends along Gateway Boulevard connecting to South Airport Boulevard/Mitchell Avenue (striped, pavement designation, and signed).
- An existing Class III bike route follows San Mateo Avenue onto South Airport Boulevard, crossing under US 101 and ending at Gateway Boulevard. It also extends along South Airport Boulevard on the eastern side of US 101.
- An existing Class III bike route extends along Airport Boulevard, beginning at the San Mateo Avenue/South Airport Boulevard/Produce Avenue intersection and continues north along Airport Boulevard.

All roadways in the project area have sidewalks on both sides, with the exception of the segment of Produce Avenue where it connects to the US 101 southbound on-ramp. Produce Avenue only has sidewalks on the southbound side and Utah Avenue only has sidewalks on the eastbound side. Pedestrian facilities at the South Airport Boulevard undercrossing of US 101 consist of a narrow walkway at the freeway undercrossing. The nearest alternative US 101 crossing is the East Grand Avenue bridge 0.3 mile to the north.

2.2.8.3 Environmental Consequences

The No Build Alternative assumes that no modifications would be made to the current US 101/Produce Avenue interchange or improvements made to local roadway intersections, other than routine maintenance and rehabilitation of the facility and any currently planned and programmed projects within the City of South San Francisco.

The Build Alternative would provide a local east-west connection across US 101 for the southern neighborhoods of the City and improve circulation and traffic operations on local streets. The construction of the interchange would provide more direct access to US 101 to better accommodate planned land use and employment changes and help separate freeway bound traffic from the surrounding local streets. The project is also expected to encourage more pedestrians and bicyclists in the area by constructing new bicycle and pedestrian facilities.

Traffic Operations Analysis

Table 2.2.8-3 and Table 2.2.8-4 show the projected LOS for the studied intersections in the years 2025 and 2045, comparing conditions with the No Build and Build Alternatives. Additionally, delays per turning movement (e.g., through, left turn, right turn) and queues per lane (through lane, left-turn lane, right turn) for all of the studied intersections are provided in Appendix J.

Intersection Operations – 2025 (Opening Year)

No Build Alternative

All intersections will operate at LOS D or better in the AM peak hour. However, individual movements at the intersections of US 101 Northbound off-/on-ramps/ South Airport Boulevard (#10 northbound U-turn/left turn and southbound U-turn/left turn/through), and Gateway Boulevard and South Airport Boulevard /Mitchell Avenue (#7 eastbound U-turn/ left turn/through) experience more delays due to demands at or above capacity. Also, for the eastbound (left/through) and northbound (left/right turn) movements at Produce Avenue/Airport Boulevard and San Mateo Avenue (#6) intersection, and the eastbound and southbound movements at US 101 Northbound off-/on-ramps/South Airport Boulevard (#10) intersection, the queues would exceed the available storage.

During the PM peak hour, No Build traffic operations would worsen at two intersections that will operate at LOS E or F. The South Airport Boulevard/Utah Avenue intersection (#14) would operate at LOS E (63.6 seconds delay), and the Produce Avenue/ Southbound US 101 on-ramp and terminal Court (#9) intersection would operate at LOS F (81.8 seconds delay). Demand would exceed capacity for the northbound approach at the US 101 northbound off-/on-ramps/South Airport Boulevard intersection (#10), and the queue would extend to the South Airport Boulevard/Utah Avenue intersection (#14), resulting in LOS F at the latter intersection. Additionally, the eastbound and westbound movements at the Gateway Boulevard and South Airport Boulevard/Mitchell Avenue intersection (#7) would be at capacity, and experience delays.

Build Alternative

With the proposed overpass, traffic conditions with the Build Alternative would be similar to those of the No Build Alternative during the AM peak hour, with similar delay times. Delay at some intersections would improve (delay time decreases) compared to the No Build Alternative, such as the northbound movement at the Produce Avenue/Airport Boulevard and San Mateo Avenue intersection (#6), and eastbound and southbound movements at the South Airport Boulevard and northbound US 101 ramps/Wondercolor Lane intersection (#10).

Certain traffic conditions would be similar or improve with the Build Alternative during the PM peak hour, with the exception of South Airport Boulevard. Queues and delays for individual movements at the intersections along Grand Avenue that operate at LOS F/E under the No Build Alternative are projected to improve to LOS E/D under the Build Alternative. For the Gateway Boulevard and South Airport Boulevard/Mitchell Avenue intersection (#7), delays would improve (decrease) for the eastbound and westbound movements compared to the No Build Alternative.

As stated above, certain traffic conditions would worsen with the Build Alternative in 2025. At the US 101 northbound off-/on-ramps/ South Airport Boulevard (#10) intersection, the northbound approach would increase, and extend 1,850 feet beyond the South Airport Boulevard and Belle Aire Road (#18) intersection compared to 220 feet under the No Build Alternative. This results in increased delay and a decline in LOS for intersections along South Airport Boulevard, including south of the US 101 northbound off-/on-ramps/ South Airport Boulevard (#10) intersection.

The following intersections are anticipated to operate below the Caltrans acceptable standard level of service (LOS C/D or better) with the Build Alternative in 2025:

- Produce Avenue/101 southbound on-ramp and Terminal Court (#9)– LOS F (88.9 sec/veh delay) during the PM peak hour
- South Airport Boulevard and 101 northbound ramps/Wondercolor Lane (#10) – LOS E (58.0 sec/veh delay) during the PM peak hour
- South Airport Boulevard and Utah Avenue (#14) – LOS F (116.0 sec/veh delay) during the PM peak hour
- South Airport Boulevard and Belle Aire Road (#18) – LOS E (61.5 sec/veh delay) during the PM peak hour

The full results of the LOS analysis for 2025 are included in Table 2.2.8-3.

Table 2.2.8-3 2025 Intersection LOS and Delay Summary

No.	Intersection	Control	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Signal	28.2	C	28.1	C	29.5	C	24.6	C
2	Airport Boulevard and E. Grand Avenue	Signal	30.0	C	47.6	D	30.8	C	47.5	D
3	Dubuque Avenue and E. Grand Avenue	Signal	11.5	B	51.2	D	11.7	B	39.8	D
4	Grand Avenue and E. Grand Avenue	Signal	13.5	B	35.8	D	13.4	B	21.0	C
5	Gateway Boulevard and E. Grand Avenue	Signal	33.0	C	29.6	C	34.3	C	24.7	C
6	Produce Avenue/Airport Boulevard and San Mateo Avenue	Signal	25.6	C	30.5	C	24.9	C	30.3	C
7	Gateway Boulevard and South Airport Boulevard/ Mitchell Avenue	Signal	43.4	D	38.6	D	40.3	D	34.7	C
8	Produce Avenue and 101 SB off-ramp	TWSC	10.5	B	16.2	C	9.6	A	15.8	C
9	Produce Avenue/101 SB on-ramp and Terminal Court	TWSC	19.7	C	81.8	F	24.7	C	88.9	F
10	South Airport Boulevard and 101 NB ramps/Wondercolor Lane	Signal	46.2	D	48.8	D	33.4	C	58.0	E
11	San Mateo Avenue/Utah Avenue	Signal	NA	NA	NA	NA	10.9	B	8.3	A
14	South Airport Boulevard and Utah Avenue	Signal	29.3	C	63.6	E	25.8	C	116.0	F

No.	Intersection	Control	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
15	Harbor Way and Utah Avenue	AWSC	14.6	B	10.5	B	16.3	C	10.1	B
16	San Mateo Avenue and Linden Avenue	Signal	7.5	A	9.8	A	6.5	A	7.6	A
17	San Mateo Avenue and Tanforan Avenue/Shaw Road	TWSC	19.6	C	22.4	C	21.8	C	14.3	B
18	South Airport Boulevard and Belle Aire Road	Signal	18.0	B	15.7	B	15.8	B	61.5	E

Notes:
Intersections originally identified as #12 and #13 were not carried forward as part of the proposed project, and were therefore not evaluated in the traffic analysis and not included in this table.
NA = Not Applicable
Results are based on Sim-Traffic average of 10 runs.
TWSC – Two-Way Stop Control; AWSC – All-Way Stop Control

Intersection Operations – 2045 (Design Year)

No Build Alternative

The No Build Alternative would have the following queuing conditions.

South Airport Boulevard /NB 101Ramps/Wondercolor Lane (#10)

- AM – northbound left turn queues (260 feet) will exceed available storage of 190 feet
- AM – eastbound off-ramp queue length will be 7,770 feet long
- AM – southbound approach queue may sometimes extend beyond the Gateway Boulevard/South Airport Boulevard/Mitchell Avenue (#17) intersection
- PM – northbound approach queue will extend 9,790 feet beyond the South Airport Boulevard/Belle Aire Road (#18) intersection
- PM – eastbound off-ramp queue length will be 1,130 feet long
- PM – southbound approach extends 5,500 feet beyond the Gateway Boulevard/East Grand Avenue (#5) intersection

Produce Avenue/SB 101 off-ramp (#8)

- AM – westbound approach (SB off-ramp) queue will be 6,740 feet long

Gateway Boulevard/South Airport Boulevard/Mitchell Avenue (#7)

- AM – westbound through/right queue will extend to 690 feet
- PM – westbound through/right queue will extend to 7,660 feet

For the No Build Alternative, delays and queues are anticipated to worsen in 2045 as compared to 2025 conditions. The following intersections are anticipated to operate below the Caltrans acceptable standard level of service (LOS C/D or better) with the No Build Alternative in 2045:

- Airport Boulevard and 101 SB off-ramp/Miller Avenue – LOS E (59.1 sec/veh) during the AM peak hour
- Dubuque Avenue and E. Grand Avenue – LOS E (62.9 sec/veh) during the PM peak hour
- Gateway Boulevard and E. Grand Avenue – LOS F (367.4 sec/veh) during the PM peak hour

- Produce Avenue/Airport Boulevard and San Mateo Avenue – LOS F during the AM peak hour, LOS E during the PM peak hour (86.2 sec/veh in AM and 66.5 sec/veh in PM)

- Gateway Boulevard and South Airport Boulevard/Mitchell Avenue – LOS F during both the AM and PM peak hours (86.2 sec/veh in AM and 460.5 sec/veh in PM)

- Produce Avenue and 101 SB off-ramp – LOS F during both the AM and PM peak hours (1,007.6 sec/veh in AM and 117.9 sec/veh in PM)

- Produce Avenue/101 SB on-ramp and Terminal Court – LOS E (41.7 sec/veh delay) during the PM peak hour

- South Airport Boulevard and 101 NB ramps/Wondercolor Lane – LOS F during both the AM and PM peak hours (331.2 sec/veh in AM and 199.1 sec/veh in PM)

- South Airport Boulevard and Utah Avenue – LOS F (176.0 sec/veh) during the PM peak hour

- San Mateo Avenue and Tanforan Avenue/Shaw Road – LOS E (41.4 sec/veh delay) during the AM peak hour

- South Airport Boulevard and Belle Aire Road – LOS F (484.6 sec/veh) during the PM peak hour

Build Alternative

As with 2025, certain traffic operations would improve with the Build Alternative in 2045, while others would worsen. The proposed project improvements at the Produce Avenue/Airport Boulevard/San Mateo Avenue intersection (#6) would improve overall operating conditions compared to the No Build Alternative during the AM peak hour. The Produce Avenue and US 101 southbound off-ramp intersection (#8) would improve substantially from LOS F to LOS C during both the AM and PM peak hours. The Build alternative would also reduce queues backing up to the freeway from the US 101 southbound off-ramp (reduction of 6,570 feet in AM and 1,110 feet in PM), and the US 101 northbound off-ramp (reduction of 700 feet in AM and 200 feet in PM) during the AM and PM peak hours.

The intersection of US 101 and the northbound off-/on-ramps/South Airport Boulevard (#10) is at capacity under the AM and PM No Build and Build conditions; as a result, heavy queueing would happen on all the approaches except for Wondercolor Lane. The queues on the US 101 northbound off-ramp would spill back beyond the freeway gore point. Under Build conditions, a right-turn overlap phase for the off-ramp was included. As a result, off-ramp queues were reduced for the Build Alternative (7,000 feet AM, 930 feet PM) compared to No Build (7,770 feet AM, 1,130 feet PM).

Under the PM No Build conditions, the southbound queues from US 101 northbound off-/on-ramps/South Airport Boulevard (#10) intersection spill back 5,500 feet beyond the Gateway Boulevard and East Grand Avenue (#5) intersection. Under the Build Alternative, these southbound queues would decrease to 2,920 feet beyond the Gateway underpass and East Grand Avenue intersection due to the proposed improvements and circulation changes at the intersection of the US 101 northbound off-/on-ramps/ South Airport Boulevard (#10).

Eastbound (AM 1,690 feet and PM 1,540 feet) and westbound (PM 920 feet) queues would occur at the modified intersection of South Airport Boulevard /Utah Avenue (#14) under the Build conditions.

The Build Alternative is projected to result in adverse impacts associated with some additional delays. These include:

- The northbound queue along South Airport Boulevard, which is expected to increase where queues would extend beyond the South Airport Boulevard/Belle Aire Road (#18) intersection under the Build Alternative (4,380 feet AM, 11,750 feet PM) compared to the No Build Alternative (PM 9,790 feet). There are no northbound queues during the No Build AM period that extend beyond the #18 intersection.

- For the Gateway Boulevard and South Airport Boulevard /Mitchell Avenue (#7) intersection, the Build queues for the westbound approaches (3,060 feet AM, 8,430 feet PM) and southbound (1,440 feet AM, 2,750 feet PM) would increase compared to No Build (westbound – 690 feet AM, 7,660 feet PM; southbound – 990 feet AM, 2,320 feet PM.)

- The southbound left-turn movement will experience more delay under the Build Alternative (269 sec/veh) compared to No Build (51.8 sec/veh). The southbound left-turn queues with the Build Alternative would exceed the storage capacity and spill into the southbound through lanes of South Airport Boulevard where it would extend beyond the Airport Boulevard/East Grand Avenue (#1) intersection.

The following intersections are anticipated to operate below the Caltrans acceptable standard level of service (LOS D or better) with the Build Alternative in 2045:

- Airport Boulevard and E. Grand Avenue (#2) – LOS E (58.8 sec/veh delay) during the PM peak hour

- Dubuque Avenue and E. Grand Avenue (#3) – LOS E (55.6 sec/veh delay) during the PM peak hour

- Gateway Boulevard and E. Grand Avenue (#5) – LOS F during the PM peak hour (143.3 sec/veh delay)

- Produce Avenue/Airport Boulevard and San Mateo Avenue (#6) – LOS E (65.8 sec/veh) during the AM peak hour
- Gateway Boulevard and South Airport Boulevard/Mitchell Avenue (#7) – LOS F during both the AM and PM peak hours (158.5 sec/veh in AM and 363.1 sec/veh in PM)
- Produce Avenue/101 SB on-ramp and Terminal Court (#9) – LOS F (59.9 sec/veh delay) during the PM peak hour
- South Airport Boulevard and 101 NB ramps/Wondercolor Lane (#10) – LOS F during both the AM and PM peak hours (319.4 sec/veh in AM and 147.8 sec/veh in PM)
- South Airport Boulevard and Utah Avenue (#14) – LOS F during both the AM and PM peak hours.(142.4 sec/veh in AM and 256.0 sec/veh in PM)
- Harbor Way and Utah Avenue (#15) – LOS E (47.1 sec/veh delay) during the PM peak hour
- San Mateo Avenue and Tanforan Avenue/Shaw Road (#17) – LOS E (43.6 sec/veh) during the AM peak hour
- South Airport Boulevard and Belle Aire Road (#18) – LOS F during the PM peak hour.(145.1 sec/veh in AM and 587.0 sec/veh in PM)

The full results of the LOS analysis for 2045 are included in Table 2.2.8-4.

Vehicle Miles Traveled

The VMT analysis consists of an initial screening of project type and determines whether the project is likely to induce travel. This methodology is consistent with the guidance in Caltrans Transportation Analysis (TAC) under CEQA (Caltrans 2020c). An applicable screening criteria in the TAC includes the “Addition of roadway capacity on local or collector streets provided the project also substantially improves conditions for pedestrians, cyclists, and, if applicable, transit.” This criteria would apply to the proposed overcrossing, as this overcrossing is proposed to connect two minor arterials, and is expected to carry considerably less volume (6,660 vehicles/day in year 2045). This volume indicates the proposed overcrossing would function at a traffic volume characteristic of a collector street. New bike and pedestrian facilities will be provided and/or improved as summarized in the project description. The overcrossing and the pedestrian and bicycle improvements would provide safer and more attractive routes to facilitate pedestrian, bicycle, transit circulation and access across US 101 within this area of South San Francisco.

Table 2.2.8-4 2045 Intersection LOS and Delay Summary

No.	Intersection	Control	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Signal	59.1	E	26.7	C	47.3	D	33.7	C
2	Airport Boulevard and E. Grand Avenue	Signal	36.1	D	49.7	D	34.7	C	58.8	E
3	Dubuque Avenue and E. Grand Avenue	Signal	12.3	B	62.9	E	11.0	B	55.6	E
4	Grand Avenue and E. Grand Avenue	Signal	15.6	B	38.8	D	15.4	B	39.0	D
5	Gateway Boulevard and E. Grand Avenue	Signal	38.9	D	367.4	F	45.2	D	143.3	F
6	Produce Avenue/Airport Boulevard and San Mateo Avenue	Signal	86.2	F	66.5	E	65.8	E	40.4	D
7	Gateway Boulevard and South Airport Boulevard/ Mitchell Avenue	Signal	86.2	F	460.5	F	158.5	F	363.1	F
8	Produce Avenue and 101 SB off-ramp	TWSC	1007.6	F	117.9	F	23.7	C	19.3	C
9	Produce Avenue/101 SB on-ramp and Terminal Court	TWSC	25.9	D	41.7	E	24.0	C	59.9	F
10	South Airport Boulevard and 101 NB ramps/ Wondercolor Lane	Signal	331.2	F	199.1	F	319.4	F	147.8	F
11	San Mateo Avenue/Utah Avenue	Signal	NA	NA	NA	NA	46.9	D	9.5	A

No.	Intersection	Control	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
14	South Airport Boulevard and Utah Avenue	Signal	41.7	D	176.0	F	142.4	F	256.0	F
15	Harbor Way and Utah Avenue	AWSC	20.5	C	12.8	B	16.1	C	47.1	E
16	San Mateo Avenue and Linden Avenue	Signal	9.5	A	13.4	B	10.0	A	8.8	A
17	San Mateo Avenue and Tanforan Avenue/Shaw Road	TWSC	41.4	E	16.3	C	43.6	E	25.2	D
18	South Airport Boulevard and Belle Aire Road	Signal	24.3	C	484.6	F	47.3	D	587.0	F

Notes:
Intersections originally identified as #12 and #13 were not carried forward as part of the proposed project, and were therefore not evaluated in the traffic analysis and not included in this table.
NA = Not Applicable
Results are based on Sim-Traffic average of 10 runs.
TWSC – Two-Way Stop Control; AWSC – All-Way Stop Control

Access, Circulation, and Parking

The No Build Alternative would not alter access, circulation, or parking in the project area.

The Build Alternative would construct a new overcrossing structure that would connect Utah Avenue to San Mateo Avenue over US 101. The project would require both temporary and permanent removal of private parking spaces at the Travelodge Hotel; Best Western; McCune Audio, Video, Lighting; Park 'N Fly Airport Parking Lot; Golden Gate Produce Terminal; Denny's Restaurant and two business parks. No properties would lose access as a result of the Build Alternative. Existing on street parking on both sides (in both directions) of San Mateo Avenue between the proposed Utah Avenue/San Mateo Avenue intersection and the San Mateo Avenue/Airport Boulevard/ Produce Avenue intersection would be removed where the project would add an additional northbound through lane. Parking lots are available at the businesses that front San Mateo Avenue. The loss of street parking along San Mateo Avenue would reduce some availability of existing parking, but parking within the business properties would still be available. The loss of on-street parking on San Mateo Avenue is necessary to provide the additional lane and Class II bicycle lanes.

At the intersection of the US 101 northbound off-/on-ramps/ South Airport Boulevard (#10), a right-turn overlap phase will be provided for the eastbound approach to facilitate the efficient movement of right-turning vehicles from the US 101 northbound off-ramp. This phase would overlap with the northbound left-turn movement, thereby using the northbound left turn's green time as well. A No U-Turn sign for the northbound approach must be installed with this overlap. The northbound vehicles wishing to make a U-turn at the intersection of the US 101 northbound off-/on-ramps/ South Airport Boulevard (#10) would then have to travel further north on South Airport Boulevard to make a U-turn. The signal timing and No U-Turn has been included as a project commitment (project feature) in Section 1.6.

During construction, access would be maintained to all business properties. Phased construction would be used to construct the project with only lane closures instead of full local roadway closures to allow businesses to continue to operate during construction and allow local circulation to be maintained. No full local roadway closures would be necessary. Temporary traffic detours would be required for the southbound US 101 off-ramp and South Airport Boulevard. No long-term closures are anticipated for any of the freeway ramps. Temporary nighttime closures would be required along US 101 for the placement/removal of bridge falsework or the placement of precast bridge segments. Freeway closures would also be limited to one direction at a time. The TMP described in Sections 1.5 and 2.2.7.2, that will be developed during final design would minimize disruption to local circulation and freeway access.

Public Transportation

The No Build Alternative would not alter public transportation facilities or access in the project area.

The Build Alternative would not change the location or number of any public transportation facilities. It would, however, require the temporary relocation of the bus stops located at Utah Avenue and South Airport Boulevard that provide service for SamTrans routes 292 and 397. This area would be reconstructed and raised in height to conform to the new overcrossing structure. The TMP described in Section 1.5 will provide for coordination with SamTrans and the City of South San Francisco to alert transit patrons of any changes prior to temporary bus stop relocations. Possible options that would be considered, in consultation with SamTrans, could include relocating the bus stop north on South Airport Boulevard, or patrons would be redirected to the South Airport Boulevard station one-tenth of a mile north. The existing station would be reopened on the newly aligned sidewalk following project construction.

Bicycle and Pedestrian Facilities

The No Build Alternative would not alter the existing bicycle and pedestrian facilities in the project area.

The Build Alternative would add ADA compliant sidewalks, curb cuts, and crosswalks on portions of Utah Avenue and South Airport Boulevard in the project area that are currently lacking these facilities. Class II bicycle lanes will be added to San Mateo Avenue and South Airport Boulevard at the South Airport Boulevard/Produce Avenue/San Mateo Avenue intersection to separate bicycles from vehicles making right turns. The Build Alternative would also construct Class II bicycle lanes on both directions of the new Utah Avenue from San Mateo Avenue past South Airport Boulevard and on South Airport Boulevard in the project area.

Construction of the Build Alternative is not anticipated to adversely affect any existing bicycle facilities currently in the project area. Existing pedestrian facilities on South Airport Boulevard and Utah Avenue would be temporarily closed during construction. Pedestrians would be allowed to pass through the project area, however, and the details of pedestrian facility closures will be described in the TMP.

2.2.8.4 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization or mitigation is required. As described in project feature PF-TRA-01 of Table 1.6-1, a Transportation Management Plan would be prepared for the project to avoid or minimize temporary impacts to traffic and transportation associated with project construction.

Additionally, project feature PF-TRA-02 would provide a right-turn overlap phase for the eastbound approach at the intersection of the US 101 northbound off-/on-ramps/ South Airport Boulevard (intersection #10) to facilitate the efficient movement of right-turning vehicles from the US 101 northbound off-ramp. This phase would overlap with the northbound left-turn movement, thereby using the northbound left turn’s green time as well. The City will be responsible to evaluate and be responsible for the signal timing, and a No U-Turn sign for the northbound approach needs to be installed by the City with this overlap.

2.2.9 Visual/Aesthetics

2.2.9.1 Regulatory Setting

NEPA, as amended, establishes that the federal government use all practicable means to ensure all Americans safe, healthful, productive, and *aesthetically* (emphasis added) and culturally pleasing surroundings (42 United States Code [USC] 4331[b][2). To further emphasize this point, FHWA, in its implementation of NEPA (23 USC 109[h]), directs that final decisions on projects are to be made in the best overall public interest taking into account adverse environmental impacts, including among others, the destruction or disruption of aesthetic values.

CEQA establishes that it is the policy of the state to take all action necessary to provide the people of the state "with…enjoyment of aesthetic, natural, scenic and historic environmental qualities" (CA Public Resources Code [PRC] Section 21001[b]).

California Streets and Highways Code Section 92.3 directs Caltrans to use drought resistant landscaping and recycled water when feasible and incorporate native wildflowers and native and climate-appropriate vegetation into the planting design when appropriate.

2.2.9.2 Affected Environment

The following discussion is based on the Visual Impact Assessment completed for this project in November 2021 (AECOM 2021a).

The project area landscape is characterized by commercial buildings, the adjacent San Francisco International Airport, and distant mountainous features. The land use within the project corridor is primarily urban commercial, with urban residential areas north, west, and south of the project area. Figures 2.2.9-1 and 2.2.9-2 depict typical views within the project area.

The San Francisco Bay is east of the project area. However, the bay is not visible from US 101 or its immediately adjacent arterials/intersections. Views of Colma Creek, which runs through the project area, will not be altered by the Build Alternative. Additionally, US 101 within the project area is not designated a part of the California State Scenic Highway System but is a Classified Landscaped Freeway.

Figure 2.2.9-1. Existing View from Northbound US 101 Facing North, with San Bruno Mountain in the Background

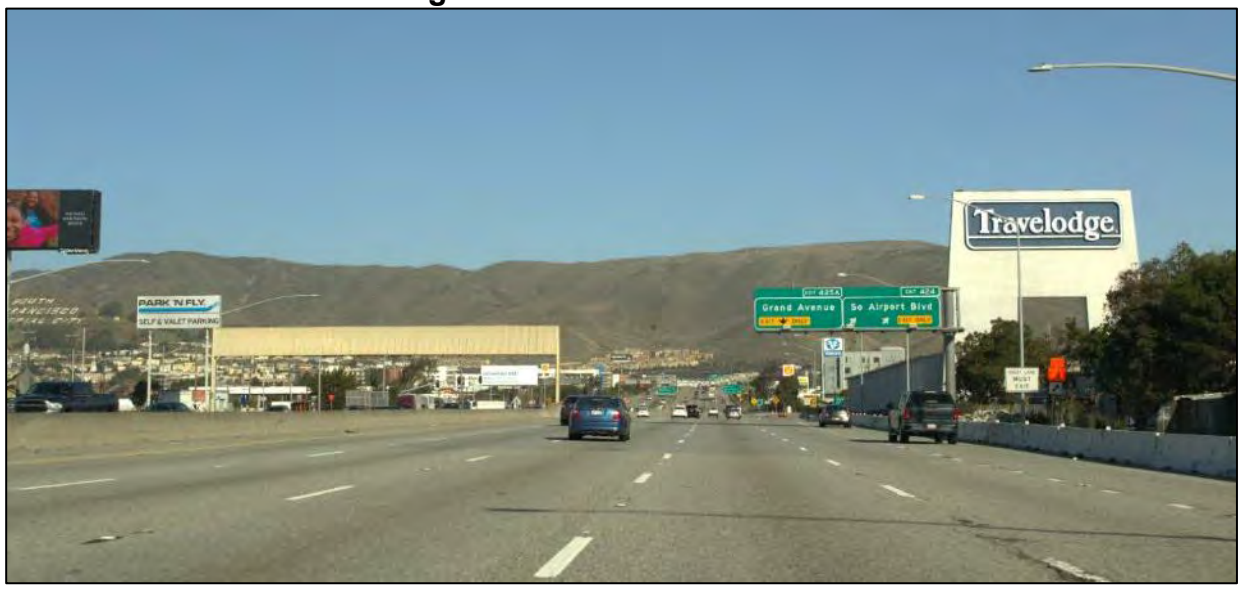


Photo date January 20, 2021.

Figure 2.2.9-2. Existing View from the Utah Avenue/South Airport Boulevard intersection Looking West Toward the Proposed Overcrossing Structure Site

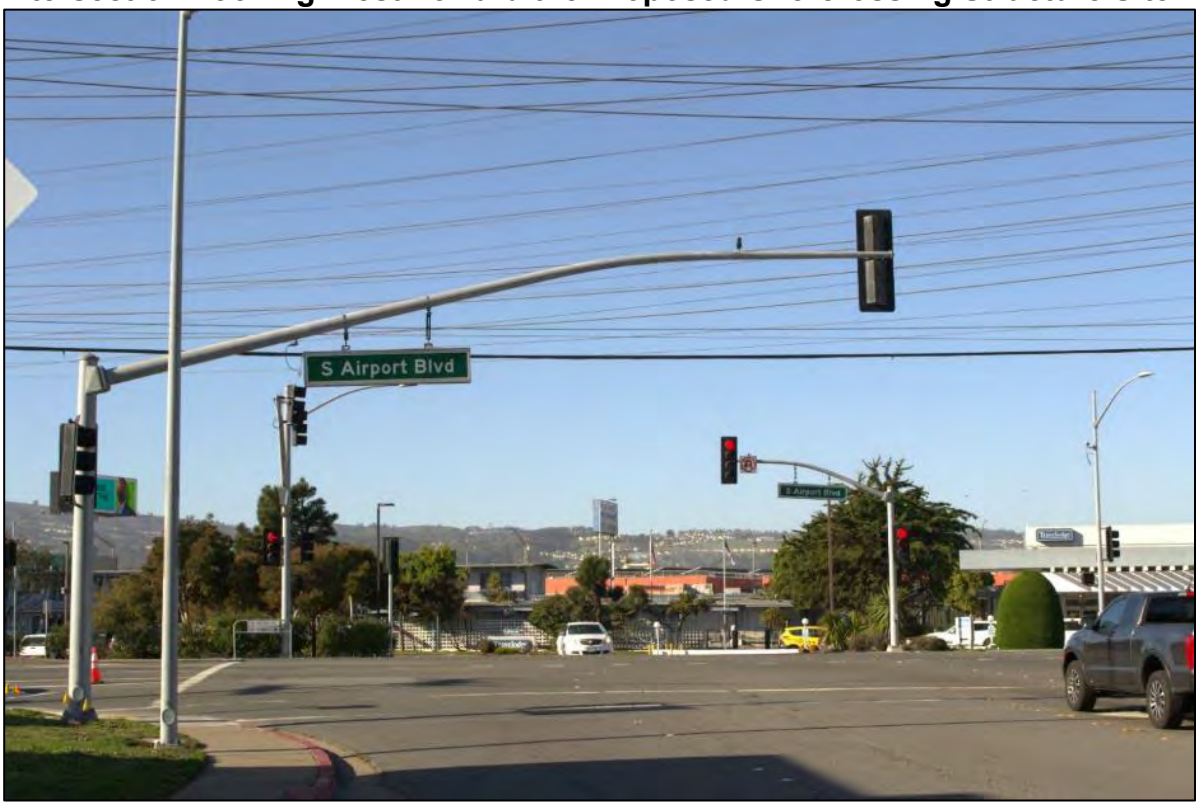


Photo date January 21, 2021.

Visual Resources and Resource Change

Visual resources of the project setting are defined and identified below by assessing *visual character* and *visual quality* in the project corridor. *Resource change* is assessed by evaluating the visual character and the visual quality of the visual resources that comprise the project corridor before and after the construction of the proposed project.

Resource change would be low. Although the addition of the new overcrossing structure to the project area would represent a noticeable new element, it would not be incompatible with the existing form, lines, color, or texture in the corridor, or visual quality. The overcrossing structure itself would be the most noticeable change to the project area.

2.2.9.3 Environmental Consequences

No Build Alternative

The No Build Alternative assumes no modifications would be made to the current Utah Avenue or improvements made to local roadway intersections, other than routine maintenance and rehabilitation of the facility and any currently planned and programmed projects within the City of South San Francisco. The No Build Alternative would have no inherent temporary or permanent impacts on the visual character or quality of the project area.

Build Alternative

Visual impacts are determined by assessing changes to the visual resources and predicting viewer response to those changes. Impacts discussed under Short-Term Construction Impacts are considered temporary impacts. Impacts discussed under Long-Term Operational Impacts are considered permanent impacts.

Short-Term Construction Impacts

Construction of the project would be readily visible to drivers on US 101, and from the adjacent commercial properties at and surrounding the project location. The project would require the use of temporary features on US 101 and adjacent intersections and streets throughout various stages of construction. Fencing would be erected to accommodate additional right-of-way, or where temporary construction easements are required.

Major construction activities would include, but are not limited to:

- Demolition of the few buildings to the east and west of US 101 which would be redeveloped into the new overcrossing structure;
- Pile driving and retaining wall construction to support the new overcrossing structure;
- Construction of the new overcrossing structure. This will take the longest, and temporary installation of falsework to create the new bridge structures.

Falsework includes the forms (typically wood) for pouring of concrete, and scaffolding or platforms for worker access. Temporary large overhead cranes will be needed; and

- Geometry modifications at the nearby intersections.

Nighttime construction activities could temporarily add new sources of light and glare for motorists, bicyclists, and pedestrians, as well as employees and customers of local businesses. Customers of the adjacent hotels and workers at the nearby businesses would be exposed to views of the project construction activities listed above. Temporary visual impacts from project construction would be typical of any major corridor improvement project.

Long-Term Operational Impacts

Permanent impacts were assessed through visual resource change and viewer response from four key observation points (KOPs). KOPs 1 – 4 were selected for this purpose based on the locations where project features would be most visible to the public and would have a high potential for viewer sensitivity. Changes to the visual resources pictured in the KOPs are discussed, along with the viewer response and resulting visual impact for that view. These views are described and illustrated in this section.

KOP-1 – Northbound US 101 Facing North Toward San Bruno Mountain

KOP 1 – Resource Change (moderate). The addition of the proposed overcrossing structure with the Build Alternative would lead to alteration of the visual character of KOP 1. The form of the corridor at this view would be changed, as the structure's shape and mass would largely dominate the view. The structure would also add contrasting lines to the view, which would bisect the lines of US 101. Texture and color would be addressed through aesthetic treatments, with the goal of matching and preserving the existing visual character of the corridor. Visual quality would be slightly diminished, as the harmonious natural transition from San Bruno Mountain to the horizon would be obscured.

KOP 1 – **Viewer Response (moderate-low).** Highway users at the existing KOP 1 have views of US 101 stretching north toward San Francisco, a background view of San Bruno Mountain, and a relatively unobstructed horizon. This viewer group has a moderate viewer exposure and moderate-low viewer sensitivity. The project would add the proposed overcrossing structure, which would include overhead luminaires, as well as support structures along the median, shoulders, and adjacent intersections. The overcrossing structure would screen views toward San Bruno Mountain, and its luminaires would partially obstruct views of the horizon. The screened view would affect highway users by reducing the existing view of the distant mountainside, as well as the South San Francisco hillside sign. However, viewer exposure at KOP 1 is limited by typical highway speeds, so this change is only witnessed momentarily. Although the overcrossing structure would screen views at KOP 1, highway users would likely be exposed to it for a relatively short period of time before returning to an unobstructed view.

Figure 2.2.9-3 KOP 1 – Existing Condition

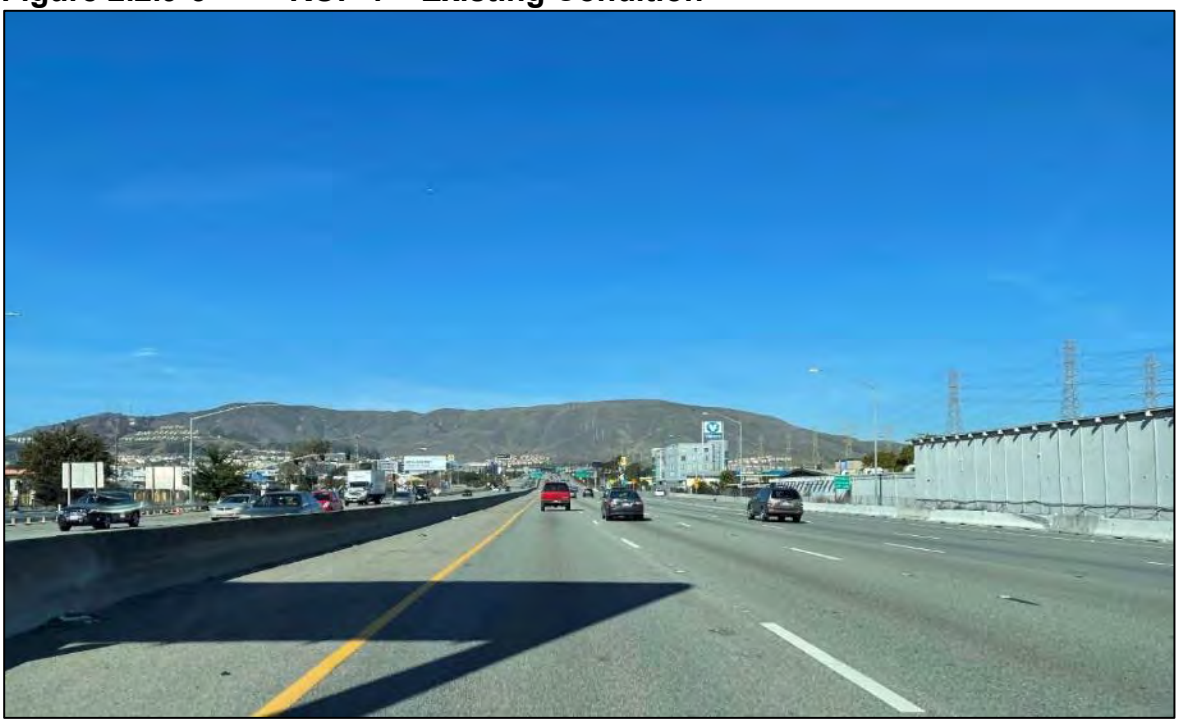


Photo date January 20, 2021.

Figure 2.2.9-4 KOP 1 – Proposed Condition

KOP 1 – Visual Impact. Moderate-low to Moderate. Although the addition of the proposed overcrossing structure with the Build Alternative would be apparent to viewers at KOP 1, the overall resource change would not drastically depart from the existing visual composition. Additionally, viewer exposure would likely be low as the motorist is traveling through the corridor. The moderate resource change combined with moderate-low viewer response results in a moderate-low to moderate visual impact.

KOP-2 – Southbound US 101 Facing South, Toward the Santa Cruz Mountain Range

KOP-2 – Resource Change (moderate-low). As with KOP 1, the addition of the proposed overcrossing structure with the Build Alternative would lead to alteration of the visual character of KOP 2. The form of the corridor at this view would change, as the structure's shape and mass would largely dominate the view, replacing foreground views of the surrounding complex of commercial buildings and distant background views of the mountain range. The structure would also add contrasting lines to the view, which would bisect the lines of US 101. Texture and color would be addressed through aesthetic treatments. Unlike KOP 1, background views of natural features are less distinct and recognizable from KOP 2, and overall existing visual quality is low. Therefore, the potential detriment to visual quality from the proposed overcrossing structure would be lower. However, visual quality will still be diminished, as views of the horizon would be slightly obscured by the overcrossing structure and overhead luminaires.

KOP-2 – Viewer Response (moderate-low). Highway users at the existing KOP 2 have views of US 101 stretching south toward the distant mountain range, and a horizon partially obstructed by sign structures, powerlines, and buildings. This viewer group has a moderate viewer exposure and moderate-low viewer sensitivity. The project would add the proposed overcrossing structure, which would include overhead luminaires, as well as support structures along the median, shoulders, and adjacent intersections. The segment of Utah Avenue, pictured on the left side of KOP 2 – Proposed Condition, with retaining walls, would screen views of the surrounding area. The overcrossing structure would partially screen views of background features and the horizon. However, viewer exposure at KOP 2 is limited by typical highway speeds. Highway users would likely be exposed to the overcrossing structure for a relatively short period of time before returning to an unobstructed view.

KOP-2 – Visual Impact. Moderate-low. Although the addition of the proposed overcrossing structure with the Build Alternative would be apparent to viewers at KOP 2, the overall resource change would not drastically depart from the existing visual composition. Additionally, viewer exposure would likely be low due to typical highway speeds. Moderate-low resource change combined with moderate-low viewer response results in moderate-low visual impact for this view.

Figure 2.2.9-5 KOP 2 – Existing Condition

Photo date January 20, 2021.

Figure 2.2.9-6 KOP 2 – Proposed Condition

KOP-3: Terminal Court Facing West

KOP 3 – Resource Change (moderate). The addition of the proposed overcrossing structure with the Build Alternative would be a notable change as viewed from KOP 3. The form of the corridor at this view would be altered, as the structure's shape and mass would largely dominate the view, replacing foreground views of the surrounding complex of commercial buildings, and a partial background view of the mountain range at the left of the view. The structure would also add contrasting lines to the view relative to those on Terminal Court and surrounding elements. Texture and color would be addressed through aesthetic treatments. Existing visual quality at KOP 3 is low due to the complex of commercial buildings and pavement surrounding it. The addition of the proposed overcrossing structure may increase vividness, as the structure itself would be distinctive and contrasting. New shading beneath the overcrossing would occur. Overall, the primary change would be the dominance of the new elevated structure from views on or near Terminal Court.

KOP 3 – Viewer Response (moderate). Viewer groups at KOP 3 could include motorists, bicyclists and pedestrians, as well as employees of local businesses. These viewer groups have a moderate to moderate-high viewer exposure and moderate viewer sensitivity. Changes to this area will be apparent to these groups, however viewer expectations of scenic quality are likely to be low for employees of the neighboring commercial/industrial businesses. Likewise, travelers in all modes will be passing through the environment on their way to other destinations. For these reasons, viewer response is moderate to moderate-low.

KOP 3 – Visual Impact. Moderate-low to Moderate. The overcrossing structure and on-fill section visible in KOP 3 would be prominent in this view. However, these elements of the Build Alternative would not be incompatible with the existing visual character and quality. Additionally, viewer response would be limited by low expectations of scenic quality from this perspective, as well as moderate to moderate-low viewer exposure for travelers passing through this environment. Moderate resource change combined with moderate viewer response results in moderate-low to moderate visual impact for this view.

Figure 2.2.9-7 KOP 3 – Existing Condition

Photo date January 20, 2021.

Figure 2.2.9-8 KOP 3 – Proposed Condition

KOP-4: Utah Avenue Facing West Toward the Intersection with South Airport Boulevard.

This area would represent the east side of the proposed overcrossing structure and redesigned Utah Avenue.

KOP 4 – Resource Change (moderate). The reconfiguration of Utah Avenue, the Utah Avenue/South Airport Boulevard intersection, and the addition of the proposed overcrossing structure would be compatible with the existing visual character and visual quality at KOP 4. The changes with the Build Alternative would lead to an overall uniform appearance, with the form and lines of Utah Avenue extending toward the horizon as it arches over US 101. Views of landscaped areas associated with development in the foreground and the narrow band of green hillsides in the background would be partially or completely obscured, and KOP 4 would be dominated by smooth gray pavement. The changes to KOP 4 could lead to increased unity, as the transition from pavement to the horizon would be harmonious relative to the existing visual pattern, which is marked by differently colored buildings and signs. The view of the Travelodge will be partially blocked from this perspective, but the businesses sign will still be evident. The IHOP restaurant that is on the right side of the Travelodge will no longer be present. Although the changes to KOP 4 would lead to a different perspective due to the added structures and project elements, the existing setting is commercial and industrial, with low visual quality. Therefore, resource change is anticipated to be moderate.

KOP 4 – Viewer Response (moderate). Viewer groups at KOP 3 could include motorists, bicyclists and pedestrians, as well as employees of local businesses. These viewer groups have a moderate to moderate-high viewer exposure and moderate viewer sensitivity. Because they are familiar with the existing area, changes to this area will likely be apparent to these groups. However, viewer response will be moderate given these groups low expectations for scenic experiences in this commercial and industrial area.

KOP 4 – Visual Impact. Moderate. The changes to Utah Avenue and the Utah Avenue/South Airport Boulevard intersection would be compatible with existing visual character and quality, and would lead to an overall uniform appearance. Noticeable moderate resource change and moderate viewer response would result in an overall moderate visual impact for this view.

Figure 2.2.9-9 KOP 4 – Existing Condition

Photo date January 20, 2021.

Figure 2.2.9-10 KOP 4 – Proposed Condition

Summary

The project would likely lead to moderate overall visual impacts for viewers in the area. Key project components that could alter visual resources in the project area include the new overcrossing structure and support structures, and geometry modifications to the Utah Avenue/South Airport Boulevard, Utah Avenue/San Mateo Avenue, and Airport Boulevard/Produce Avenue/San Mateo Avenue intersections. Motorists, bicyclists and pedestrians on US 101 and adjacent streets would be the primary viewers of these changes, as well as employees and customers of adjacent businesses and hotels. Existing visual character is likely to be altered in most views due to the addition of the proposed over-crossing. The most visible changes will be of the new structure, from adjacent land uses at the Produce Terminal, airport parking lots, and the Travelodge.

Overall, the existing visual quality in most areas of the corridor is low to moderate. Viewer responses from US 101 are expected to be low due typical highway speeds. The project would generally maintain the existing visual character and quality of the corridor, and enhance accessibility (and views) for bicyclists and pedestrians, while simultaneously creating new vistas above US 101.

Avoidance and minimization measures VIS-01 and VIS-02 would improve the short and long-term integration of project components within the corridor. Additionally, measures BIO-02 and BIO-03 would minimize the removal of vegetation and trees, and provide the conditions for replanting. Aesthetic or architectural treatment of the structure, tree and vegetation replanting, construction practices, and the other measures listed below would assist with integrating the project features into the existing area.

The overall visual impacts from project features would be moderate with the implementation of avoidance and minimization measures.

2.2.9.4 Avoidance, Minimization, and/or Mitigation Measures

Avoidance or minimization measures have been identified and can lessen visual impacts caused by the project. Also, the inclusion of aesthetic features in the project design previously discussed can help generate public acceptance of a project. This section describes additional avoidance and/or minimization measures to address specific visual impacts. These will be designed and implemented with concurrence of the District Landscape Architect and project team.

The following measures to avoid or minimize visual impacts will be incorporated into the project:

VIS-01: Aesthetic Treatments. New structures, including the overcrossing structure and retaining walls, will match or enhance the aesthetics of the corridor through context-sensitive designs. The visual simulations in Section 2.2.9.3 show one potential design for the overcrossing structure, but specific aesthetic treatments will ultimately be determined during the detailed design phase.

VIS-02: Construction Impact Measures

- Contractor staging areas shall use unvegetated, preferably paved areas. The project requires acquisition of two parcels, at the IHOP Restaurant on South Airport Boulevard and the commercial building on San Mateo Avenue, and these properties would be available for contractor staging use.

- Place unsightly materials, equipment storage and staging so that they are not visible within the foreground of the highway corridor to the maximum extent feasible. Where such siting is unavoidable, material and equipment shall be visually screened to minimize visibility from the roadway and nearby sensitive off-road receptors.

Additionally, AMMs BIO-02 and BIO-03 would avoid or minimize effects on vegetation and trees, respectively. AMM-BIO-03 would include a landscaping plan to replace removed trees at a minimum 1:1 ratio if sufficient space and sight distance requirement allow for safe replacement. See Section 2.4.1.3 for detailed descriptions of these measures.

In addition to the avoidance and minimization measures described above, the following project features described in Table 1.6-2 would lessen adverse effects to visual resources associated with the project:

- **PF-BIO-03:** Site Restoration
- **PF-BIO-04:** Landscaping and Revegetation Plan
- **PF-BIO-07:** Vegetation Removal
- **PF-BIO-08:** Tree Protection
- **PF-BIO-11:** Construction Lighting and Signage

2.2.10 Cultural Resources

2.2.10.1 Regulatory Setting

The term “cultural resources,” as used in this document, refers to the “built environment” (e.g., structures, bridges, railroads, and water conveyance systems); places of traditional or cultural importance; and archaeological sites (both prehistoric and historic), regardless of significance. Under federal and state laws, cultural resources that meet certain criteria of significance are referred to by various terms, including “historic properties,” “historic sites,” “historical resources,” and “tribal cultural resources.” Laws and regulations dealing with cultural resources include:

The National Historic Preservation Act (NHPA) of 1966, as amended, sets forth national policy and procedures for historic properties, defined as districts, sites, buildings, structures, and objects included in or eligible for listing in the National Register of Historic Places (NRHP). Section 106 of the NHPA requires federal agencies to take into account the effects of their undertakings on historic properties and to allow the Advisory Council on Historic Preservation (ACHP) the opportunity to

comment on those undertakings, following regulations issued by the ACHP (36 CFR 800). On January 1, 2014, the First Amended Section 106 Programmatic Agreement (PA) among FHWA, the ACHP, the California State Historic Preservation Officer (SHPO), and Caltrans went into effect for Caltrans' projects, both state and local, with FHWA involvement. The PA implements the ACHP's regulations, 36 CFR 800, streamlining the Section 106 process and delegating certain responsibilities to Caltrans. FHWA's responsibilities under the PA have been assigned to Caltrans as part of the Surface Transportation Project Delivery Program (23 USC 327).

CEQA requires the consideration of cultural resources that are historical resources and tribal cultural resources, as well as "unique" archaeological resources. California PRC Section 5024.1 established the California Register of Historical Resources (CRHR) and outlined the necessary criteria for a cultural resource to be considered eligible for listing in the CRHR and, therefore, a historical resource. Historical resources are defined in PRC Section 5020.1(j). In 2014, Assembly Bill (AB) 52 added the term "tribal cultural resources" to CEQA, and AB 52 is commonly referenced instead of CEQA when discussing the process to identify tribal cultural resources (as well as identifying measures to avoid, preserve, or mitigate effects to them). Defined in PRC Section 21074(a), a tribal cultural resource is a CRHR or local register-eligible site, feature, place, cultural landscape, or object which has a cultural value to a California Native American tribe. Tribal cultural resources must also meet the definition of a historical resource. Unique archaeological resources are referenced in PRC Section 21083.2.

PRC Section 5024 requires state agencies to identify and protect state-owned historical resources that meet the NRHP listing criteria. It further requires Caltrans to inventory state-owned structures in its rights-of-way. Sections 5024(f) and 5024.5 require state agencies to provide notice to and consult with the SHPO before altering, transferring, relocating, or demolishing state-owned historical resources that are listed on or are eligible for inclusion in the NRHP or are registered or eligible for registration as California Historical Landmarks. Procedures for compliance with PRC Section 5024 are outlined in a Memorandum of Understanding between Caltrans and SHPO, effective January 1, 2015. For most federal-aid projects on the State Highway System, compliance with the Section 106 PA would satisfy the requirements of PRC Section 5024.

2.2.10.2 Affected Environment

The following section is based on information from the *Archeological Survey Report* (AECOM 2021b) and the *Historic Resources Evaluation Report* (AECOM 2021c) for the proposed project. These reports were completed in November 2021.

The study area for cultural resources is called the Area of Potential Effects (APE). The 8.3-acre APE is on both sides of US 101 and is bounded by San Bruno Creek on the south, San Mateo Avenue on the west, and Corey Way on the east; the northern boundary is just north of intersection of San Mateo Avenue and Airport Boulevard. The vertical APE (depth of construction) is approximately 60 feet or more.

Records, Archival, and Field Review

A cultural resources records search was conducted by the Northwest Information Center (NWIC) of the California Historical Resources Information System, Sonoma State University, for the APE and a 0.25-mile buffer. Other cultural resource inventories and references were also reviewed, including the San Mateo County History Museum and the South San Francisco Historical Society. The records search identified two prehistoric and six historic cultural resources in the APE. A pedestrian/vehicular survey of the APE was conducted in March 2018. No cultural resources were identified during the pedestrian survey.

Shellmounds have been mapped within the City of South San Francisco, and background research indicated the potential for two shellmounds in the approximate project region based on general mapping from the early 1900s. However, the sites have not been re-identified since the original mapping. Subsurface archaeological testing was performed that indicated the area below the project is on historic marsh (areas not generally associated with pre-historic settlement) which is now artificial fill, and entirely urbanized. Review of archaeological sensitivity mapping indicated the project area has low potential for buried archaeological resources, and moderate sensitivity for submerged resources beneath the fill that overlies the Bay Mud in this area.

Native American Consultation

The California Native American Heritage Commission (NAHC) was contacted via e-mail on December 22, 2017, to request a search of its Sacred Lands File for any Native American cultural resources that potentially could be affected by the proposed project. A request also was made for the CEQA Tribal Consultation List, which includes the names of Native Americans who may have information or concerns about the APE and have requested notice about projects from CEQA lead agencies in accordance with Assembly Bill 52 (AB 52). The NAHC responded with a list of Native American parties and negative results from the Sacred Lands File search.

On June 13, 2018, letters initiating Section 106 and AB 52 consultation were sent to all parties listed in the NAHC letter, including chairpersons from the Ohlone Indian Tribe, Costanoan Rumsen Carmel Tribe, Amah Mutsun Tribal Band of Mission San Juan Bautista, Indian Canyon Mutsun Band of Costanoan, and Muwekma Ohlone Indian Tribe of the San Francisco Bay Area. Caltrans received an e-mail reply from the Ohlone Indian Tribe asking for a copy of the project APE in relation to other cultural resources. Caltrans provided the requested map on June 14, 2018, and no further responses have been received. No responses were received from any of the other individuals. Follow-up phone calls were made on September 19, 2018.

On February 2, 2021, an updated project description and APE map was sent to the individuals contacted in 2018. On February 2, 2021, the Chairperson of the Amah Mutsun Tribal Band of Mission San Juan Bautista responded to recommend that all crews have Cultural Sensitivity Training, that the archaeological monitors for the project are California-trained, and the Native American monitors are qualified. Native American Consultation is also documented in Section 4.3.3.

Historic Architectural and Archaeological Resources

The archaeological review indicated the project site is on former marsh and modern artificial fill, with a low sensitivity for unknown buried resources below the existing urbanized project setting, and moderately sensitive for the potential for submerged archaeological resources. Numerous buildings and structures are in the APE, and six were evaluated for eligibility for the NRHP and CRHR and for their potential to be historical resources for purposes of CEQA. One property, the Golden Gate Produce Terminal (131 Terminal Court, South San Francisco, APN 015-113-210), was determined to be eligible for the NRHP under Criterion A for its association with the development of the South San Francisco Industrial Park and the produce industry in the San Francisco Bay area. The Golden Gate Produce Terminal also is considered to be a historical resource for CEQA compliance and is eligible for the California Register of Historical Resources (CRHR) on the local level under Criterion 1. It is also considered a Section 4(f) property, as documented below and in Appendix A. The remaining five properties were determined to not be NRHP-eligible or to be historical resources for the purposes of CEQA.

2.2.10.3 Environmental Consequences

No Build Alternative

The No Build Alternative is not anticipated to affect cultural resources.

Build Alternative

The majority of the project construction would occur in areas that are paved or have had previous ground disturbances. Ground-disturbing activities during construction of the project could affect unknown buried cultural resources in areas adjacent to US 101. The background research and literature review conducted for this project identified two previously recorded prehistoric archaeological sites (shellmounds). However, these resources have not been relocated and as stated above, project activities are not anticipated to encounter submerged archaeology.

No adverse effects would occur at the produce terminal because there are no improvements planned that will alter, physically destroy, cause neglect and deterioration, or lead to the transfer, sale, or lease of the historic property and any of its character-defining features. The historic property's integrity aspects of location, design, workmanship, materials, and association would not be diminished by the project because there are no direct effects.

Caltrans submitted a Finding of No Adverse Effect on historic properties to the State Historic Preservation Officer's (SHPO), pursuant to 36 Code of Federal Regulations (CFR) 800.5(c) and Stipulation X.B.2 of the Section 106 PA. SHPO provided written confirmation on September 13, 2022, that they had no objection to the Finding of No Adverse Effect for the project. Consultation with SHPO was therefore completed with SHPO upon receipt of their confirmation of the Finding of No Adverse Effect (Appendix D).

2.2.10.4 Avoidance, Minimization, and/or Mitigation Measures

The following measure would be included to avoid or minimize impacts to cultural resources.

CUL-01: Cultural Resource Protection

During project construction, if previously unidentified cultural resources are unearthed, all earth-moving activity within and around the immediate discovery area will be halted until a qualified archaeologist can assess the nature and significance of the find.

If remains are discovered during excavation, all work within 60 feet of the discovery will halt and Caltrans' Office of Cultural Resource Studies (OCRS) will be called. Caltrans OCRS staff will assess the remains and, if determined human, will contact the County Coroner as per Public Resources Code (PRC) Sections 5097.98, 5097.99, and 7050.5 of the California Health and Safety Code. If the Coroner determines the remains to be Native American, the Coroner will contact the Native American Heritage Commission who will assign a Most Likely Descendant. Caltrans will consult with the Most Likely Descendant on treatment and reburial of the remains. Further provisions of PRC 5097.98 are to be followed as applicable.

2.3 Physical Environment

2.3.1 Hydrology and Floodplain

2.3.1.1 Regulatory Setting

Executive Order 11988 (Floodplain Management, 1977)

Executive Order (EO) 11988 (Floodplain Management) directs all federal agencies to refrain from conducting, supporting, or allowing actions in floodplains unless it is the only practicable alternative. FHWA requirements for compliance are outlined in 23 Code of Federal Regulations (CFR) 650 Subpart A.

To comply, the following must be analyzed:

- The practicability of alternatives to any longitudinal encroachments.
- Risks of the action.

- Impacts on natural and beneficial floodplain values.
- Support of incompatible floodplain development.
- Measures to minimize floodplain impacts and to preserve/restore any beneficial floodplain values affected by the project.

The base floodplain is defined as “the area subject to flooding by the flood or tide having a one percent chance of being exceeded in any given year.” An encroachment is defined as “an action within the limits of the base floodplain.”

2.3.1.2 Affected Environment

The following discussion is based on the Location Hydraulic Study (WRECO 2021b).

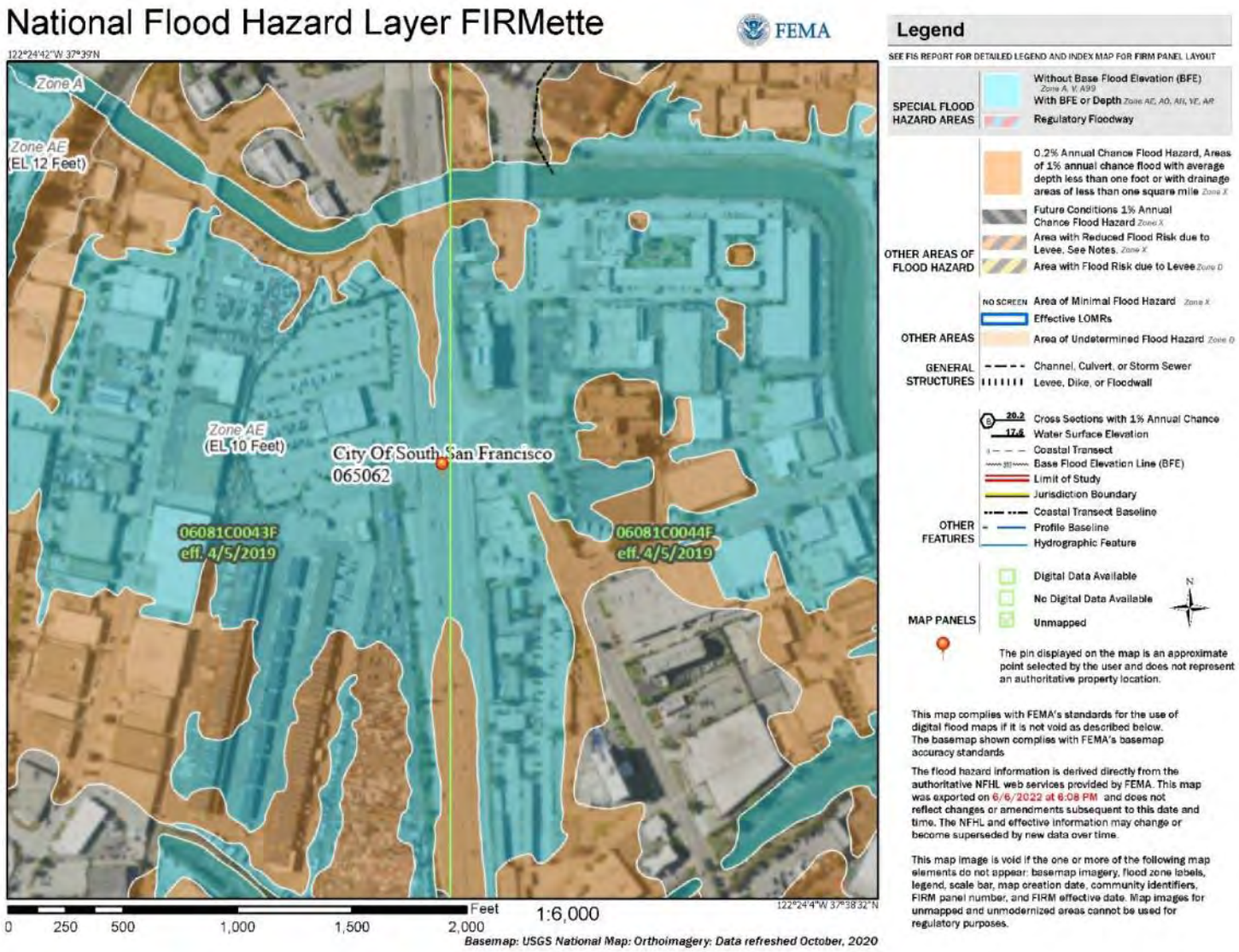
The project is in the Colma Creek watershed. Colma Creek crosses US 101 within the project limits, and the San Bruno Canal crosses US 101 approximately 0.2 mile south of the southern project limit. The project’s receiving water bodies are Colma Creek, San Bruno Canal, and San Francisco Bay (Lower). Colma Creek is a flood control channel which drains approximately 16.6 square miles of the northern San Francisco Peninsula. Channel reaches include earthen trapezoidal channels, channels with concrete walls and earthen beds, fully concrete lined channels, and concrete box culverts. San Bruno Canal extends westward from Colma Creek toward San Mateo Avenue. Both Colma Creek and San Bruno Canal drain to the San Francisco Bay.

Floodplains are defined using Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM), which categorize floodplains into different areas. The applicable FIRMs for the project area are depicted in Figure 2.3.1-1.

The Project site is located within the Colma Creek floodplain (FIRM Panel Number 06081C00F, effective April 2, 2019). FEMA defines the Base Flood as the flood that has a one percent chance of being equaled or exceeded in any given year (100-year flood).

As shown in Figure 2.3.1-1, part of the project area is within Zone AE EL 10, which represents areas that are subject to flooding by the aforementioned 100-year flood. The remainder of the project area, including the existing Utah Avenue/South Airport Boulevard intersection, is within Zone X. Zone X in this context represents an area with a 0.2% annual chance flood hazard or 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile.

Figure 2.3.1-1 Project Area FIRM Map



2.3.1.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not alter the existing floodplains within the project limits.

Build Alternative

Risks Associated with the Proposed Action

As defined by the FHWA, risk shall mean the consequences associated with the probability of flooding attributable to an encroachment. It shall include the potential for property loss and hazard to life during the service life of the bridge and roadway.

The potential risk associated with the implementation of the proposed action includes but is not limited to: 1) change in land use, 2) change in impervious surface area, 3) fill inside the floodplain, or 4) change in the 100-year water surface elevation.

1) **Change in Land Use.** The Project would not change the overall land use within the Project location and within the watershed basin (it would remain urban/developed).

2) **Change in Impervious Area.** The addition of the Utah Street bridge crossing would not substantially increase the impervious surface area within the Colma Creek watershed. The added impervious area resulting from the Project would be insubstantial compared to the watershed of the Project location, and the surface area of the new bridge would be over an already paved area (the US 101 freeway). Therefore, the peak 100-year flow at the Project site would not increase significantly from this Project.

3) **Fill Inside the Floodplain.** Abutment excavation and fill will be required for the bridge landing at both Utah Avenue and San Mateo Avenue. This would disturb the existing 100-year floodplain in this area. Bridge abutments will be designed to add similar quantities of cut and fill to the area to prevent permanent disturbances to the 100-year flood plain.

4) **Change in the 100-Year Water Surface Elevation.** Hydraulic modeling will be done in the latter stages of design to ensure that there are no significant changes to the 100-year floodplain. Changes in the 100-year flood plain caused by added fill can potentially create new entry points for floods during storms to damage pre-existing structures.

Summary of Potential Encroachments

The FHWA defines a significant encroachment as a highway encroachment, and any direct support of likely base floodplain development, that would involve one or more of the following construction or flood-related impacts: 1) significant potential for interruption or termination of a transportation facility that is needed for emergency vehicles or provides a community's only evacuation route, 2) a significant risk, or 3) a

significant adverse impact on the natural and beneficial floodplain values (1994). The following sections discuss the potential impacts to the floodplain that may result from the proposed action.

1) **Potential Traffic Interruptions for the Base Flood.** The Project does not have a significant potential for interruption or termination of a transportation facility that is needed for emergency vehicles or provides a community's evacuation route. The impacts to the floodplains within the Project area will not have a risk of causing significant effects on traffic flow.

2) **Potential Impacts on Natural and Beneficial Floodplain Values.** Natural and beneficial floodplain values include, but are not limited to: fish, wildlife, plants, open space, natural beauty, scientific study, outdoor recreation, agriculture, aquaculture, forestry, natural moderation of floods, water quality maintenance, and ground water recharge. There will be no potential impacts to any surrounding natural habitat values.

3) **Support of Probable Incompatible Floodplain Development.** As defined by the FHWA, the support of incompatible base floodplain development will encourage, allow, serve, or otherwise facilitate incompatible base floodplain development, such as commercial development or urban growth. The Project area is already developed, and would not create new access to developed or undeveloped land and hence, and would not support new incompatible floodplain development since the project area is already built out.

4) **Longitudinal Encroachments.** As defined by the FHWA, a longitudinal encroachment is an action within the limits of the base floodplain that is longitudinal to the normal direction of the floodplain. The Project would not have any longitudinal encroachment at the base floodplain, because the overcrossing is not parallel to the direction of flow in Colma Creek.

Based on the points above, the project is not anticipated to result in a significant floodplain encroachment. The proposed Project would not change the overall land use within the project watershed, and would not significantly increase impervious areas. The proposed Project would add fill in the floodplain because of the construction of a bridge. Hydraulic analysis will be done to ensure that the added fill will not alter the existing floodplain. Therefore, the overall Project's possible impact to the floodplain would be minimal, and minimization measures would not be required.

Because the project would not have a significant encroachment into the base or 100-year floodplain, an "Only Practicable Alternative Finding" is not required.

2.3.1.4 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization or mitigation is required.

2.3.2 Water Quality and Storm Water Runoff

2.3.2.1 Regulatory Setting

Federal Requirements: Clean Water Act

In 1972, Congress amended the Federal Water Pollution Control Act, making the addition of pollutants to the waters of the United States (U.S.) from any point source[5] unlawful unless the discharge is in compliance with a National Pollutant Discharge Elimination System (NPDES) permit. This act and its amendments are known today as the Clean Water Act (CWA). Congress has amended the act several times. In the 1987 amendments, Congress directed dischargers of stormwater from municipal and industrial/construction point sources to comply with the NPDES permit scheme. The following are important CWA sections:

- Sections 303 and 304 require states to issue water quality standards, criteria, and guidelines.

- Section 401 requires an applicant for a federal license or permit to conduct any activity that may result in a discharge to waters of the U.S. to obtain certification from the state that the discharge will comply with other provisions of the act. This is most frequently required in tandem with a Section 404 permit request (see below).

- Section 402 establishes the NPDES, a permitting system for the discharges (except for dredge or fill material) of any pollutant into waters of the U.S. Regional Water Quality Control Boards (RWQCBs) administer this permitting program in California. Section 402(p) requires permits for discharges of stormwater from industrial/construction and municipal separate storm sewer systems (MS4s).

- Section 404 establishes a permit program for the discharge of dredge or fill material into waters of the U.S. This permit program is administered by the U.S. Army Corps of Engineers (USACE).

The goal of the CWA is “to restore and maintain the chemical, physical, and biological integrity of the Nation’s waters.”

The USACE issues two types of 404 permits: General and Individual. There are two types of General permits: Regional and Nationwide. Regional permits are issued for a general category of activities when they are similar in nature and cause minimal environmental effect. Nationwide permits are issued to allow a variety of minor project activities with no more than minimal effects.

Ordinarily, projects that do not meet the criteria for a Regional or Nationwide Permit may be permitted under one of the USACE’s Individual permits. There are two types of individual permits: standard permits and letters of permission. For individual permits,

[5] A point source is any discrete conveyance such as a pipe or a man-made ditch.

the USACE decision to approve is based on compliance with U.S. EPA's Section 404 (b)(1) Guidelines (40 CFR Part 230), and whether the permit approval is in the public interest. The Section 404(b)(1) Guidelines (Guidelines) were developed by the U.S. EPA in conjunction with the USACE, and allow the discharge of dredged or fill material into the aquatic system (waters of the U.S.) only if there is no practicable alternative which would have less adverse effects. The Guidelines state that the USACE may not issue a permit if there is a least environmentally damaging practicable alternative (LEDPA) to the proposed discharge that would have lesser effects on waters of the U.S. and not have any other significant adverse environmental consequences. According to the Guidelines, documentation is needed that a sequence of avoidance, minimization, and compensation measures has been followed, in that order. The Guidelines also restrict permitting activities that violate water quality or toxic effluent standards, jeopardize the continued existence of listed species, violate marine sanctuary protections, or cause "significant degradation" to waters of the U.S. In addition, every permit from the USACE, even if not subject to the Section 404(b)(1) Guidelines, must meet general requirements. See 33 CFR 320.4. A discussion of the LEDPA determination, if any, for the document is included in the Wetlands and Other Waters section.

State Requirements: Porter-Cologne Water Quality Control Act

California's Porter-Cologne Act, enacted in 1969, provides the legal basis for water quality regulation in California. This act requires a "Report of Waste Discharge" for any discharge of waste (liquid, solid, or gaseous) to land or surface waters that may impair beneficial uses for surface and/or groundwater of the state. It predates the CWA and regulates discharges to waters of the state. Waters of the State include more than just waters of the U.S., like groundwater and surface waters not considered waters of the U.S. Additionally, it prohibits discharges of "waste" as defined, and this definition is broader than the CWA definition of "pollutant." Discharges under the Porter-Cologne Act are permitted by Waste Discharge Requirements (WDRs) and may be required even when the discharge is already permitted or exempt under the CWA.

The State Water Resources Control Board (SWRCB) and RWQCBs are responsible for establishing the water quality standards (objectives and beneficial uses) required by the CWA and regulating discharges to ensure compliance with the water quality standards. Details about water quality standards in a project area are included in the applicable RWQCB Basin Plan. In California, RWQCBs designate beneficial uses for all water body segments in their jurisdictions and then set criteria necessary to protect those uses. As a result, the water quality standards developed for particular water segments are based on the designated use and vary depending on that use. In addition, the SWRCB identifies waters failing to meet standards for specific pollutants. These waters are then state-listed in accordance with CWA Section 303(d). If a state determines that waters are impaired for one or more constituents and the standards cannot be met through point source or nonpoint source controls (NPDES permits or WDRs), the CWA requires the establishment of total maximum daily loads (TMDLs). TMDLs specify allowable pollutant loads from all sources (point, nonpoint, and natural) for a given watershed.

State Water Resources Control Board (SWRCB) and Regional Water Quality Control Boards (RWQCBs)

The SWRCB administers water rights, sets water pollution control policy, and issues water board orders on matters of statewide application, and oversees water quality functions throughout the state by approving Basin Plans, TMDLs, and NPDES permits. RWCQBs are responsible for protecting beneficial uses of water resources within their regional jurisdiction using planning, permitting, and enforcement authorities to meet this responsibility.

NPDES Program – Municipal Separate Storm Sewer Systems (MS4)

Section 402(p) of the CWA requires the issuance of NPDES permits for five categories of stormwater discharges, including MS4s. An MS4 is defined as "any conveyance or system of conveyances (roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, human-made channels, and storm drains) owned or operated by a state, city, town, county, or other public body having jurisdiction over stormwater, that is designed or used for collecting or conveying stormwater." The SWRCB has identified Caltrans as an owner/operator of an MS4 under federal regulations. Caltrans' MS4 permit covers all Caltrans rights-of-way, properties, facilities, and activities in the state. The SWRCB or the RWQCB issues NPDES permits for 5 years, and permit requirements remain active until a new permit has been adopted.

Caltrans' MS4 Permit, Order No. 2012-0011-DWQ (adopted on September 19, 2012, and effective on July 1, 2013), as amended by Order No. 2014-0006-EXEC (effective January 17, 2014), Order No. 2014-0077-DWQ (effective May 20, 2014) and Order No. 2015-0036-EXEC (conformed and effective April 7, 2015), has three basic requirements:

1. Caltrans must comply with the requirements of the Construction General Permit (see below).

2. Caltrans must implement a year-round program in all parts of the state to effectively control stormwater and non-stormwater discharges.

3. Caltrans stormwater discharges must meet water quality standards through implementation of permanent and temporary (construction) best management practices (BMPs), to the maximum extent practicable, and other measures as the SWRCB determines to be necessary to meet the water quality standards.

4. Caltrans must implement trash control measures to meet trash regulation compliance. This requirement is per the California Water Code Section 13383 Order issued by the State Water Resources Control Board to Caltrans, applicable to all Caltrans projects (SWRCB 2017). However, per the Caltrans Trash Amendment Implementation Plan CTSW-RT-19-379.09.2, full trash capture BMPs are only considered for Significant Trash Generating Areas (STGA).

To comply with the permit, Caltrans developed the Statewide Storm Water Management Plan (SWMP) to address stormwater pollution controls related to highway planning, design, construction, and maintenance activities throughout California. The SWMP assigns responsibilities in Caltrans for implementing stormwater management procedures and practices as well as training, public education and participation, monitoring and research, program evaluation, and reporting activities. The SWMP describes the minimum procedures and practices Caltrans uses to reduce pollutants in stormwater and non-stormwater discharges. It outlines procedures and responsibilities for protecting water quality, including the selection and implementation of BMPs. The proposed project will be programmed to follow the guidelines and procedures outlined in the latest SWMP to address stormwater runoff.

Construction General Permit

Construction General Permit, Order No. 2009-0009-DWQ (adopted on September 2, 2009 and effective on July 1, 2010), as amended by Order No. 2010-0014-DWQ (effective February 14, 2011) and Order No. 2012-0006-DWQ (effective on July 17, 2012). The permit regulates storm water discharges from construction sites that result in a Disturbed Soil Area (DSA) of one acre or greater, and/or are smaller sites that are part of a larger common plan of development. By law, all storm water discharges associated with construction activity where clearing, grading, and excavation result in soil disturbance of at least one acre must comply with the provisions of the General Construction Permit. Construction activity that results in soil disturbances of less than one acre is subject to this Construction General Permit if there is potential for significant water quality impairment resulting from the activity as determined by the RWQCB. Operators of regulated construction sites are required to develop Storm Water Pollution Prevention Plans (SWPPPs); to implement sediment, erosion, and pollution prevention control measures; and to obtain coverage under the Construction General Permit.

The Construction General Permit separates projects into Risk Levels 1, 2, or 3. Risk levels are determined during the planning and design phases, and are based on potential erosion and transport to receiving waters. Requirements apply according to the Risk Level determined. For example, a Risk Level 3 (highest risk) project would require compulsory storm water runoff pH and turbidity monitoring, and before construction and after construction aquatic biological assessments during specified seasonal windows. For all projects subject to the permit, applicants are required to develop and implement an effective SWPPP. In accordance with Caltrans' SWMP and Standard Specifications, a Water Pollution Control Program (WPCP) is necessary for projects with DSA less than one acre.

Section 401 Permitting

Under Section 401 of the CWA, any project requiring a federal license or permit that may result in a discharge to a water of the U.S. must obtain a 401 Certification, which certifies that the project will be in compliance with state water quality standards. The most common federal permits triggering 401 Certification are CWA Section 404 permits issued by the USACE. The 401 permit certifications are obtained from the

appropriate RWQCB, depending on the project location, and are required before the USACE issues a 404 permit.

In some cases, the RWQCB may have specific concerns with discharges associated with a project. As a result, the RWQCB may issue a set of requirements known as WDRs under the State Water Code (Porter-Cologne Act) that define activities, such as the inclusion of specific features, effluent limitations, monitoring, and plan submittals that are to be implemented for protecting or benefiting water quality. WDRs can be issued to address both permanent and temporary discharges of a project.

Regional and Local Requirements: RWQCB Basin Plan

The Project is within the jurisdiction of the San Francisco Bay RWQCB, Region 2. The San Francisco Bay Basin (Region 2) Water Quality Control Plan (Basin Plan) for the San Francisco Bay Basin (2019) states the goals and policies, beneficial uses, and water quality objectives that apply to water bodies throughout the San Francisco Bay region, which includes the Project area. The Basin Plan has been adopted by the SWRCB, U.S. EPA, and Office of Administrative Law.

Regional and Local Requirements: MS4

The work within the City is covered under the San Francisco Bay Municipal Regional Permit (MRP), Order No. R2-2015-0049, as amended by Order No. R2-2019-0004.

Regional and Local Requirements: Storm Water Management Plan

The City is a member of the San Mateo Countywide Water Pollution Prevention Program (SMCWPPP), which was established in 1990 to reduce the pollution carried by stormwater into local creeks, the San Francisco Bay, and the Pacific Ocean. The SMCWPPP developed the C.3 Regulated Projects Guide (2020) to summarize requirements of the MRP and provide guidance for low-impact development (LID) design strategies and specific BMP selection criteria. Selection, placement, and design of stormwater treatment BMPs within the City’s right-of-way would follow this guidance document.

2.3.2.2 Affected Environment

The following discussion is based on the US 101/Produce Avenue Interchange Project Draft Water Quality Assessment Report (WRECO 2021a).

Regional Hydrology

Per the CalWater watershed delineation in Caltrans’ Water Quality Planning Tool (2020), the Project area is within an undefined Hydrologic Sub Area (#204.40) of the San Mateo Bayside Hydrologic Area within the South Bay Hydrologic Unit. The Project lies within the Colma Creek watershed, which drains approximately 16.6 square miles of the eastern portion of South San Francisco. The headwaters of Colma Creek are on San Bruno Mountain. The lower reaches of Colma Creek are managed by the San Mateo County Flood Control District (County of San Mateo Public Works No Date).

Surface Waters

The surface waters in the project area are identified in Section 2.3.1.2. Water quality objectives are numeric and narrative objectives used to define the appropriate levels of environmental quality, to protect beneficial uses, and to manage activities that can impact aquatic environments. The Basin Plan lists the following narrative and numeric water quality objectives for the region's surface waters: bacteria, bioaccumulation, biostimulatory substances, color, dissolved oxygen, floating material, oil and grease, population and community ecology, pH, radioactivity, salinity, sediment, settleable material, suspended material, sulfide, tastes and odors, temperature, toxicity, turbidity, and un-ionized ammonia (San Francisco Bay RWQCB 2019).

Protection and enhancement of existing and potential beneficial uses are primary goals of water quality planning. The Basin Plan lists beneficial uses for Colma Creek and San Francisco Bay Lower. San Bruno Canal is not listed for any beneficial uses; however, per the Basin's Plan tributary rule, San Bruno Canal would have the same beneficial uses as Colma Creek.

The 2014/2016 California Integrated Report (Clean Water Act Section 303[d] List/305[b] Report) (SWRCB 2018) does not identify any pollution impairments for San Bruno Canal. It does lists Colma Creek and San Francisco Bay Lower as being pollutant impaired. The City and Caltrans are stakeholders for several impairments at San Francisco Bay Lower, including trash, mercury, and polychlorinated biphenyls (PCB).

Municipal Supply

The Caltrans District 4 Work Plan (Caltrans 2020a) identifies three drinking water reservoirs or recharge facility areas within San Mateo County. Of those, San Andreas Lake is closest to the Project, at approximately 3 miles southwest of the Project area. These reservoirs should not be impacted by the Project.

Groundwater Hydrology

The Project lies within the Westside Groundwater Basin (2-035). The Westside Basin covers approximately 25,400 acres of San Francisco and San Mateo counties and is largely composed of bedrock and unconsolidated materials (DWR, 2006). During subsurface explorations performed in 1972, free groundwater was encountered in some of the borings at elevations of 2 to 3 feet below ground surface (bgs). In addition, borings drilled at a nearby gasoline service station encountered groundwater at 3.5 to 8.5 feet bgs. Because of the Project's close proximity to the bay, groundwater may be subject to tidal fluctuations (AECOM 2020c). Groundwater depths will be determined during the Plans, Specifications, and Estimates (PS&E) phase.

Groundwater Quality Objectives/Standards and Beneficial Uses

The Basin Plan (San Francisco Bay RWQCB 2019) identifies narrative and numerical groundwater objectives for the region; it states: "at a minimum, groundwater shall not contain concentrations of bacteria, chemical constituents, radioactivity, or substances

producing taste and odor." The Basin Plan lists the following beneficial uses for the Westside Groundwater Basin:

- Existing: municipal and domestic water supply, industrial process supply, industrial service supply
- Potential: agricultural water supply

2.3.2.3 Environmental Consequences

No Build Alternative

No short-term water quality impacts would occur with the No Build Alternative because it would not require any construction activities.

Build Alternative

Currents, Circulation, or Drainage Patterns

The Project would result in an increase of impervious area. The goal of the Project is to maintain the current drainage patterns; however, the existing drainage may need to be modified to accommodate larger flows due to the additional impervious area. Drainage improvements would be determined during the PS&E phase.

Suspended Particulates (Turbidity)

The additional impervious area would increase the amount of runoff not infiltrated or dispersed over unpaved surfaces. Although the added impervious area could result in an increase of sediment- laden flow directly discharging to receiving water bodies, stormwater impacts would be reduced through the proper implementation of permanent erosion control, design pollution prevention, and stormwater treatment measures.

Oil, Grease, and Chemical Pollutants

The project would implement treatment BMPs within City and Caltrans' right-of-way to remove pollutants, including trash, mercury, and PCBs, from stormwater runoff before discharging into receiving water bodies. The Project would also implement source and trash control measures within the City right-of-way.

Erosion and Accretion Patterns

The increase in impervious area can result in the modification of runoff hydrographs to existing receiving water bodies by increasing the flow volumes and rates and peak durations from the loss of unpaved overland flow routes and infiltration capacity. Although the Project would create and/or replace 3.92 acres within the City's right-of-way and would increase impervious surfaces over pre-project conditions, it is located within an exempt area within the SMCWPPP's Hydromodification Control Area Map (2009). Therefore, the Project is not required to implement hydromodification management measures within the City's right-of-way.

Aquifer Recharge/Groundwater

The Project area is highly urbanized, which limits areas of groundwater recharge. Long-term dewatering activities are not needed for the Project. Therefore, permanent impacts to the Westside Groundwater Basin are not anticipated.

Special Aquatic Sites

There is no in-water work for this Project. Therefore, the Project would not impact jurisdictional features.

Recreational or Commercial Fisheries

San Francisco Bay Lower has the beneficial uses of commercial and sport fishing. The Project limits do not extend to the Bay, and the proposed stormwater treatment measures would remove sediment and pollutants from discharging into the receiving water bodies. Therefore, the Project is not expected to have any permanent impacts to recreational or commercial fisheries.

Other Water Related Recreation

Each receiving water body has water contact recreation and noncontact water recreation beneficial uses. The proposed stormwater treatment measures would remove sediment and pollutants from discharging into the receiving water bodies. Therefore, there are no anticipated permanent adverse impacts on water quality recreation.

Temporary Impacts to Water Quality

The Project would have an estimated 4.62 acres of DSA. During construction, potentially sediment-laden flow can result from runoff over DSAs that enter storm drainage facilities or directly discharge into the receiving water bodies, increasing the turbidity, decreasing the clarity, and potentially impacting the beneficial uses of the receiving water bodies. Construction BMPs are anticipated to avoid temporary impacts to water quality as a result of such runoff.

Construction General Permit Risk Level Assessment

This Project would disturb more than 1 acre of soil and must comply with the CGP, which includes performing risk level determination to determine the required monitoring and sampling of stormwater during construction. The risk level assessment is determined from the combined receiving water risk and sediment risk.

The Project has a low receiving water risk because the Project's receiving water bodies do not have the combined existing beneficial uses of cold freshwater habitat, fish spawning, and fish migration, nor are they impaired for sediment. Using the U.S. EPA's "Rainfall Erosivity Factor Calculator for Small Construction Sites" (2020), it was determined that the project has a medium sediment risk.

The low receiving water and medium sediment risks result in the Project being classified as Risk Level 2. Therefore, in addition to implementation of standard construction site BMPs, the contractor would be required to perform quarterly non-stormwater discharge visual inspections, and rain event visual inspections pre-storm, daily during a storm event, and post-storm. Risk Level 2 projects are also required to implement Rain Event Action Plans and comply with Numeric Action Level effluent limits for pH and turbidity. This assessment may be updated during the PS&E phase as more detailed Project information becomes available.

Long-Term Impacts During Operation and Maintenance

The Project would enhance multi-modal access system connectivity in each direction on Utah Avenue between San Mateo Avenue and South Airport Boulevard. Therefore, drain inlet stenciling should be considered for the Project. Implementation of maintenance BMPs, including maintenance-vehicle pullouts, will be considered during the PS&E phase, and coordinated with the Caltrans Maintenance Staff.

The new impervious area would increase hydromodification and stormwater pollution effects along the Project's right-of-way. These impacts would be reduced through the implementation of source control, LID, and stormwater treatment BMPs. Pollution and runoff sources are not expected to change.

2.3.2.4 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization, or mitigation is required. Project features PF-WQ-01 through 03 will be implemented as shown in Table 1.6-1.

2.3.3 Geology/Soils/Seismic/Topography

2.3.3.1 Regulatory Setting

For geologic and topographic features, the key federal law is the Historic Sites Act of 1935, which establishes a national registry of natural landmarks and protects "outstanding examples of major geological features." Topographic and geologic features are also protected under CEQA.

This section also discusses geology, soils, and seismic concerns as they relate to public safety and project design. Earthquakes are prime considerations in the design and retrofit of structures. Structures are designed using Caltrans' Seismic Design Criteria (SDC). The SDC provides the minimum seismic requirements for highway bridges designed in California. A bridge's category and classification will determine its seismic performance level and which methods are used for estimating the seismic demands and structural capabilities. For more information, please see Caltrans' Division of Engineering Services, Office of Earthquake Engineering, Seismic Design Criteria at https://dot.ca.gov/programs/engineering-services.

2.3.3.2 Affected Environment

The information in this section is summarized from the *Structure Preliminary Geotechnical Report* (SPGR) (AECOM 2021d).

Site Geology

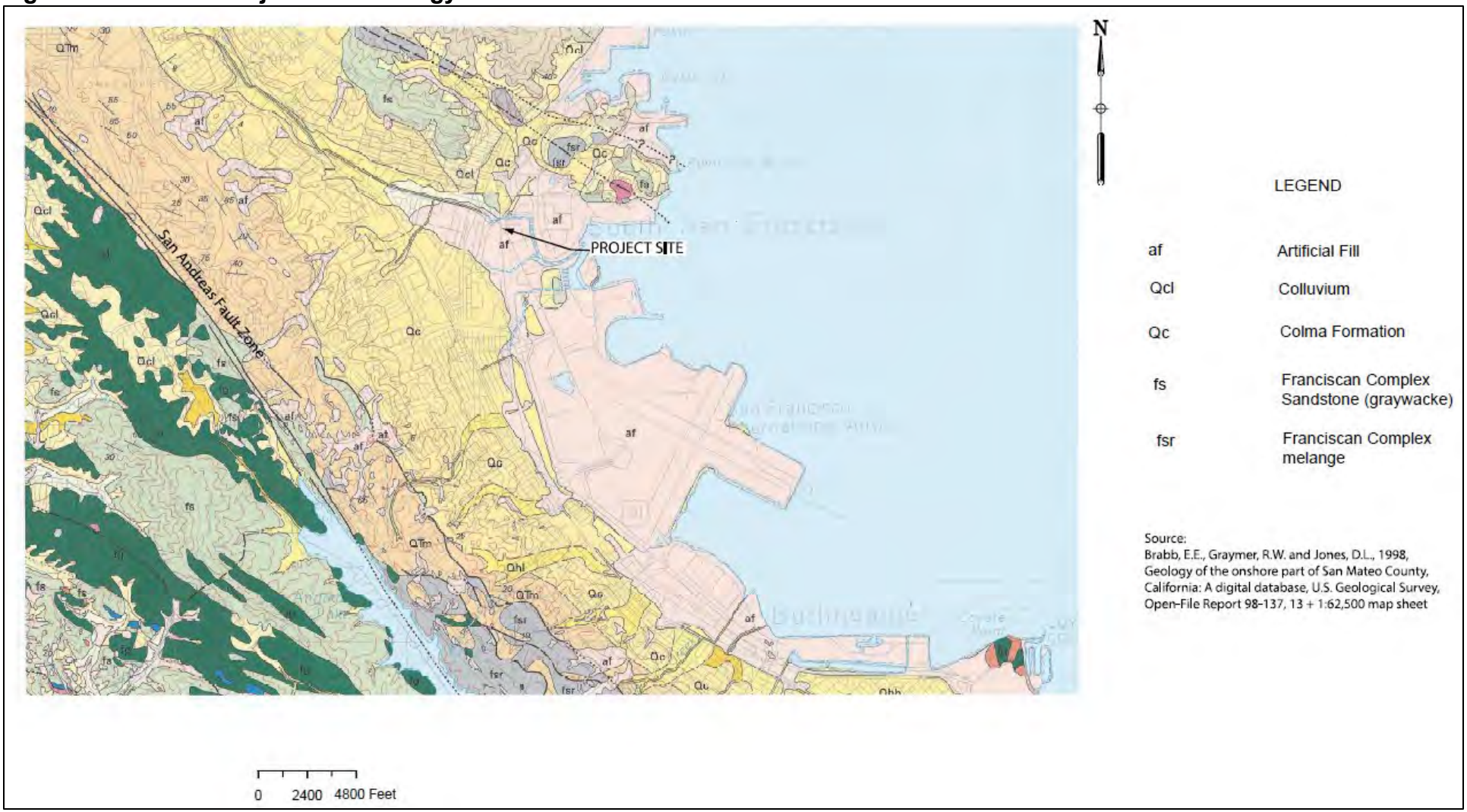
The project site is located just west and northwest of the current San Francisco Bay margin. The historic tidal flats were covered in the early 1900s with artificial fill to create the present-day topography. The artificial fill covers all of the project area and is mapped from about the San Mateo Avenue undercrossing to the north of the site (Bridge No. 35-119) and extends along the US 101 corridor well south of the San Francisco Airport (Witter, et al, 2006; Barb, et al, 1998). The artificial fill also extends inland (west of US 101) 3,000 to 4,000 feet of the site along the margins of Colma Creek. A portion of the geologic map covering the project area prepared by Brabb is included as Figure 2.3.3-1. Witter (2006) shows the artificial fill as being underlain by estuarine deposits known locally as San Francisco Bay Mud.

Southwest of the mapped limits of the artificial fill, Quaternary deposits exposed at the surface are mapped by Witter (2006) as Holocene (less than 10,000 years old) alluvial fan deposits consisting of sand, silt and clayey silt, underlain by older Pleistocene alluvial fan and fluvial deposits consisting of gravel, sand and silt. Mapping by Brabb (1998) classifies these deposits as the Pleistocene age Colma Formation consisting of fine to medium-grained sand with silt and clay. Bedrock consisting of Franciscan Complex sandstone and mélange outcrops approximately 1 mile north and northeast of the site at Point San Bruno. The depth to bedrock is estimated to be at least 150 feet at the project site.

Subsurface Conditions

A previous boring on the outside shoulder of northbound US 101 within about 100 feet of the proposed east approach. It encountered approximately 5 feet of loose sand and rock fill underlain by about 25 feet of very soft silty clay (Bay Mud). Slightly compact to very dense silty and clayey sands with interbedded clayey silts and sandy clays, interpreted to be Quaternary alluvium fan deposits and Pleistocene Colma Formation, were encountered below the Bay Mud to the terminal boring depth of about 82 feet. About 1,100 feet to the south, Boring B-12 from the 1972 study encountered about 5 feet of Bay Mud with organics, overlain by about 3 feet of loose sand and rubble fill. The Bay Mud thickness observed in borings for the Colma Creek Bridge, about 1,300 feet north of the project site, range from about 10 to 25 feet.

Figure 2.3.3-1 Project Site Geology



Potential Geological Hazards

Expansive Soils

Expansive soils are those that shrink or swell significantly with changes in moisture content. The near surface fill described on the as-built log of test borings in the vicinity of the bridge west abutment are expected to have low expansion potential. The Bay Mud that underlies the fill has high shrink/swell potential with changes of moisture content.

Landsliding

The project site is on relatively flat ground and is not subject to landsliding. Landsliding is, therefore, not considered to be a hazard for the project.

Flooding

As stated in Section 2.3.1 above, part of the project area is primarily within Zone AE EL 10, while the remainder is within Zone X.

Settlement

Settlement can occur quickly when soil is loaded by a structure or by the placement of fill; it can also occur gradually when soil pore pressures, increased by vertical loading, gradually dissipate over time. The Build Alternative would be designed to prevent adverse effects associated with settlement, based on the recommendations of the SPGR.

Groundwater

Borings drilled at a nearby gasoline station encountered groundwater at depths of about 3.5 to 8.5 feet bgs, corresponding to about Elevation 2.6 to 5.1 feet (NAVD 88). Because of the close proximity of the site to the bay, San Bruno Canal and Colma Creek, groundwater is likely subject to tidal fluctuations.

2.3.3.3 Environmental Consequences

The following discussion pertains to both the Build and No Build Alternatives because seismic and geologic hazards on the project alignment are present under the existing condition and would be present under both the No Build and Build Alternatives. The proposed improvements would not increase existing seismic or other geological hazards.

Potential Seismic Hazards

Fault Rupture

Surface fault rupture tends to recur along existing fault traces. The highest potential for surface faulting is along existing fault traces that have had Holocene fault displacement, mapped as Alquist-Priolo Earthquake Fault Zones. There are no Alquist-Priolo zones mapped in the project vicinity of the project site, and the potential for surface fault rupture is considered low.

Liquefication

Soil liquefaction is a phenomenon in which saturated cohesionless soils are subject to a temporary but essentially total loss of shear strength under the reversing, cyclic shear stresses associated with earthquake shaking. In extreme cases, the soil particles can be suspended in groundwater, resulting in the deposit becoming mobile and fluid-like. Based on a liquefaction susceptibility map generated from the Association of Bay Area Governments (ABAG) geographic information systems (GIS), the project site is mapped as an area of "very high" liquefaction susceptibility. This is consistent with the presence of loose sand fill encountered in the upper 10 feet of borings near Colma Creek.

Lateral Spreading

Lateral spreading occurs when a layer liquefies at depth and causes horizontal movement or displacement of the overburden mass toward a free face such as a stream or canal bank or excavation, or toward an open body of water. The potential for liquefaction is expected to be high and due to the site proximity to Colma Creek and the San Bruno Canal, a potential for lateral spreading exists. This should be evaluated during the design phase following completion of field exploration and laboratory testing.

Geological Implications of the Project

Based on the above, it is not anticipated that the project would exacerbate existing geological conditions in the area. If the Build Alternative is selected, geological conditions, as identified in the SPGR, would be considered in the final design of the proposed overcrossing structure and retaining walls.

2.3.3.4 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization, or mitigation is required.

2.3.4 Paleontology

2.3.4.1 Regulatory Setting

Paleontology is a natural science focused on the study of ancient animal and plant life as it is preserved in the geologic record as fossils.

A number of federal statutes specifically address paleontological resources, their treatment, and funding for mitigation as a part of federally authorized projects. The regulations listed below are included in this section based on the scope and federal funding of the proposed project.

16 United States Code (USC) 431-433 (the "Antiquities Act") prohibits appropriating, excavating, injuring, or destroying any object of antiquity situated on federal land without the permission of the Secretary of the Department of Government having jurisdiction over the land. Fossils are considered "objects of antiquity" by the Bureau of

Land Management, the National Park Service, the Forest Service, and other federal agencies.

23 United States Code (USC) 1.9(a) requires that the use of Federal-aid funds must be in conformity with all federal and state laws.

23 United States Code (USC) 305 authorizes the appropriation and use of federal highway funds for paleontological salvage as necessary by the highway department of any state, in compliance with 16 USC 431-433 above and state law.

Under California law, paleontological resources are protected by CEQA.

2.3.4.2 Affected Environment

The information in this section is summarized from the *Paleontological Identification Report/Paleontological Evaluation Report* (PIR/PER) prepared in November 2020 (AECOM 2020e).

Geologic Setting

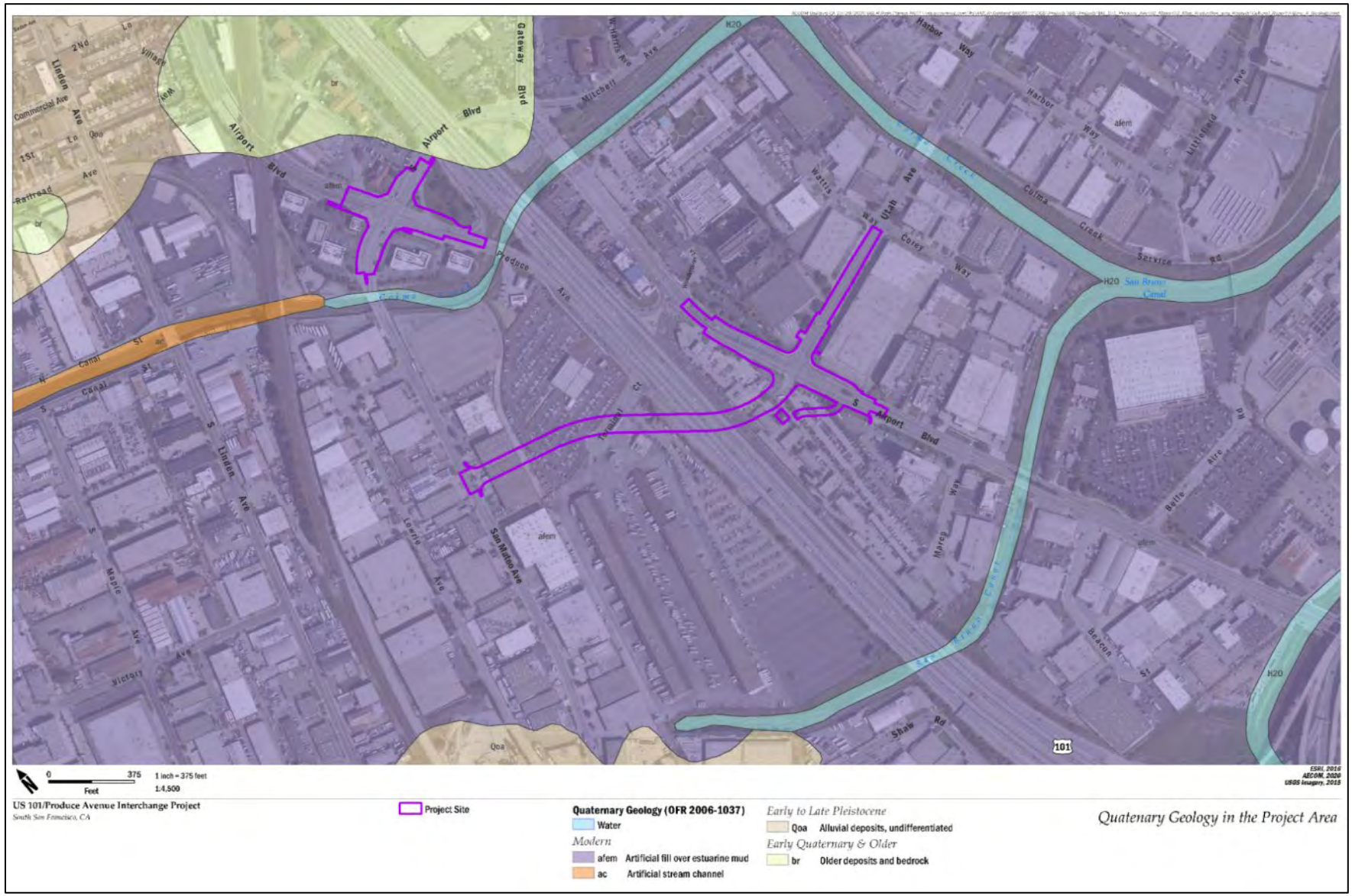
The project is underlain by the Colma Formation, formed in the Colma Valley, a "shallow marine passageway connecting the ocean with an ancestral bay…" (Helley and LaJoie 1979:25). In the general vicinity of project area, artificial fill and Bay mud overlie the Colma Formation and colluvium, which overlie bedrock (Franciscan Complex and associated rocks), at depth (Bonilla et al. 2000:11).

The project area is situated near the edge of San Francisco Bay, a late Pliocene-age structural depression that extends from the Santa Clara Valley north in Napa and Sonoma counties (Sloan 2006). During warm periods, the bay basin was partially flooded (Helley and LaJoie 1979:18). The bay as it currently exists began to form toward the end of the Pleistocene when the climate warmed and sea levels rose to fill the depression, known as the Franciscan Valley. The historic margins of the Bay shoreline were in the general vicinity of US 101; the project area was largely a tidal flat until areas along the freeway and to the east were filled. The placement of artificial fill occurred through approximately the 1960s, when further alteration of the Bay and its shorelines became regulated.

Stratigraphy

The project area is underlain by modern artificial fill over Holocene estuarine mud (afem) (Figure 2.3.4-1). North of the channelized flow of Colma Creek, and north of the project area, the surface geology is mapped as Cretaceous-Jurassic sandstone and shale bedrock (br) of the Franciscan Complex surrounded by surficial Pleistocene slope debris and ravine fill (Qoa) (Bonilla 1998; Brabb et al 1998). The subsurface geology in the project area is extrapolated based on a geologic cross section just north of the project area, the Holocene tidal flats likely overlie the Pleistocene Colma Formation (Qc) at depth, as does the slope debris and ravine fill (Qoa) (Bonilla et al. 2000). Below the Colma Formation is Franciscan Complex bedrock.

Figure 2.3.4-1 Quaternary Geology in the Project Area



Quaternary

The project area may contain Holocene, Pleistocene, Cretaceous and Jurassic quaternary geology. It consists of artificial fill over estuarine mud (Holocene era, 9 to 27 feet deep at the project site), slope debris and ravine fill (Quaternary alluvium fan, 27 to 43 feet deep), and the Pleistocene era Colma Formation below 43 feet deep.

Cretaceous and Jurassic

The Jurassic-Cretaceous sandstone and shale (KJs) and sheared rock (KJu) of the Franciscan Complex underlies the project area below 150 feet. No fossils have been found in this unit, but it is marine in origin. Beneath this formation is the Franciscan Complex bedrock at an estimated depth of 150 to 200 feet (URS 2012: 1-3).

2.3.4.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not affect the paleontology of the project area.

Build Alternative

Sensitivity

Caltrans uses a tripartite scale to characterize paleontological sensitivity consisting of no potential, low potential, and high potential (Caltrans 2014). The Bureau of Land Management (BLM) has developed a more nuanced system with multilevel ranking based on demonstrated yield of fossils called the Potential Fossil Yield Classification (PFYC) system (BLM 2016). The PFYC system provides additional guidance regarding assessment and is used to complement the Caltrans scale.

Occurrences of fossil resources are closely tied to the geologic units (e.g., formations or members) that contain them. The probability for finding significant fossils in a project area can be broadly predicted from previous records of fossils recovered from the geologic units present in and/or adjacent to the study area.

Using the PFYC system, geologic units are classified based on the relative abundance of vertebrate fossils or scientifically significant invertebrate or plant fossils and their sensitivity to adverse impacts. The PFYC uses the following scale:

- Class 1 – Very Low. Geologic units that are not likely to contain recognizable paleontological resources.
- Class 2 – Low. Geologic units that are not likely to contain paleontological resources.
- Class 3 – Moderate. Sedimentary geologic units where fossil content varies in significance, abundance, and predictable occurrence.
- Class 4 – High. Geologic units that are known to contain a high occurrence of paleontological resources.

- Class 5 – Very High. Highly fossiliferous geologic units that consistently and predictably produce significant paleontological resources.
- Class U – Unknown Potential. Geologic units that cannot receive an informed PFYC assignment.

The project area is mapped as modern artificial fill over estuarine mud (afem), which is underlain by Pleistocene slope debris and ravine fill (Qoa) and the overlie the Colma Formation (Qc), which consists of fine to medium-grained sand with silt and clay. (URS, 2012:1-3).

There are no known fossil localities in KJs or KJu. There are no known fossils in the Holocene estuarine mud. There are 22 fossil localities in Pleistocene deposits in San Mateo County, but additional information about the geologic units is not available. No fossils in the UCMP database are assigned to the Colma Formation, but other sources suggest that the Colma Formation is sensitive (e.g., Savage 1951). It is unlikely that intact fossils would be preserved in the slope debris and ravine fill unit, though there is an unknown potential for intact fossils to be present below 43 feet in the Colma Formation, which is beneath afem and Qoa (URS 2012).

Based on these results, all of the surficial geologic formations are ranked as low on both PFYC and Caltrans scales. The Colma Formation is ranked as Caltrans High or PFYC Class 3.

Potential Effects

During construction of the project, ground-disturbing activities have the potential to destroy paleontological resources (if any are present). However, paleontological resources are unlikely to be encountered as the project area is almost entirely underlain by artificial fill and Holocene-age deposits and most construction impacts would occur in these recent deposits.

The Pleistocene Colma Formation has been demonstrated to be the only paleontologically-sensitive sediments within the project area and may be affected during construction activities when construction of the overcrossing occurs below 43 feet, which is where the formation would be encountered. The potential to affect any fossils varies with depth of impacts, previous disturbance, and presence of non-fossiliferous sediments. Logistics of excavation also affect the possibility of recovering scientifically significant fossils since, as outlined above, information on exact location, vertical elevation, rock unit of origin, and other aspects of context are critical. The Pleistocene Colma Formation is likely to be encountered during pile driving and drilling for the construction of the overcrossing. Pile driving will not result in the exposure of any fossiliferous sediments. If drilling for pile installation is used, this type of construction has the potential to rotate out fossil bones or other materials but the specimens will lack context, depth/elevation, formation identification and other elements that are critical to scientific significance. These types of unprovenanced (lacking in locational specificity) fossils will only be significant if they result in identification of new species that are

currently not known in the county. If they are identified as already known species, they will be suitable for educational uses.

Based on the proposed scope of work, the potential for encountering intact, significant fossils is low. Although the sensitivity of the Colma Formation is ranked as Caltrans High or PFYC Class 3, the potential of exposing this formation during project implementation is low because of the type of proposed construction activities. Because there remains a low potential of encountering fossils, preconstruction training can be provided by a trained paleontologist or geologist. A Paleontological Mitigation Plan has not been prepared due to the low potential for encountering intact, significant fossils.

2.3.4.4 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization, or mitigation is required. Project feature PF-PAL-01 would implemented as described in Table 1.6-1, to provide adequate awareness training to workers.

2.3.5 Hazardous Waste/Materials

2.3.5.1 Regulatory Setting

Hazardous materials, including hazardous substances and wastes, are regulated by many state and federal laws. Statutes govern the generation, treatment, storage and disposal of hazardous materials, substances, and waste, and also the investigation and mitigation of waste releases, air and water quality, human health, and land use.

The primary federal laws regulating hazardous wastes/materials are the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, and the Resource Conservation and Recovery Act (RCRA) of 1976. The purpose of CERCLA, often referred to as “Superfund,” is to identify and cleanup abandoned contaminated sites so that public health and welfare are not compromised. The RCRA provides for “cradle to grave” regulation of hazardous waste generated by operating entities. Other federal laws include:

- Community Environmental Response Facilitation Act of 1992
- CWA
- Clean Air Act
- Safe Drinking Water Act
- Occupational Safety and Health Act (OSHA)
- Atomic Energy Act
- Toxic Substances Control Act
- Federal Insecticide, Fungicide, and Rodenticide Act

In addition to the acts listed above, EO 12088, Federal Compliance with Pollution Control Standards, mandates that necessary actions be taken to prevent and control environmental pollution when federal activities or federal facilities are involved.

California regulates hazardous materials, waste, and substances under the authority of the CA Health and Safety Code (available at https://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=HSC&tocTitle=+Health+and+Safety+Code+-+HSC) and is also authorized by the federal government to implement RCRA in the state. California law also addresses specific handling, storage, transportation, disposal, treatment, reduction, cleanup, and emergency planning of hazardous waste. The Porter-Cologne Water Quality Control Act also restricts disposal of wastes and requires cleanup of wastes that are below hazardous waste concentrations but could impact ground and surface water quality. California regulations that address waste management and prevention and cleanup of contamination include Title 22 Division 4.5 Environmental Health Standards for the Management of Hazardous Waste, Title 23 Waters, and Title 27 Environmental Protection.

Worker and public health and safety are key issues when addressing hazardous materials that may affect human health and the environment. Proper management and disposal of hazardous material is vital if it is found, disturbed, or generated during project construction.

2.3.5.2 Affected Environment

Information in this section is summarized from the Initial Site Assessment (ISA) update prepared in November 2021 for this project (AECOM 2020e). A comprehensive ISA was previously completed in 2015, followed by additional record searches in 2018 and 2020.

The ISA update identified additional sites that had involved hazardous materials, but all of the additional sites identified in 2020 were listed as closed with respect to risk assessment. The conclusions of the original ISAs do not change, and recommendations for testing and handling of excavated soils and materials removed from buildings acquired from right-of-way expansion still apply from the original reports. All sites identified are listed in Tables 2.3.5-1 through 2.3.5-3.

All of the 17 sites identified in 2020 have been reported as closed after performance of a risk assessment. Although these sites are considered closed from a regulatory perspective, the risk assessments that resulted in approval of environmental site closure frequently depend on land use of the site remaining the same. In some cases, hazardous materials may remain on the site under pavement, and therefore the potential for presence of these hazardous materials is noted as a current, unknown risk. Additionally, changes in land ownership or easements will be needed during the right-of-way acquisition process that specify responsibilities between the new owner (Caltrans), the former owner, and potentially an applicable regulatory agency. This process would begin to be determined during Plans, Specifications, and Estimates (PS&E) and right of way phase of the project, after the conclusion of environmental review and approval of the environmental document.

Table 2.3.5-1 New 2020 Sites Identified

Site Name	Site Code (for Use with Figure 2.3.5-1)	Description	Site Type	Status	Address	City
Grosvenor Airport Inn	1	Contaminant of concern: gasoline.	LUST CLEANUP SITE	Completed 6/26/2001	380 South Airport Boulevard	South San Francisco
Harmon Shragge Co	2	Contaminant of concern: gasoline.	LUST CLEANUP SITE	Completed 8/22/1996	280 Wattis Way	South San Francisco
Ken Funk Property	3	Contaminant of concern: gasoline.	LUST CLEANUP SITE	Completed 12/3/1998	264 South Airport Boulevard	South San Francisco
Olympian Produce Mkt Card Lock	4	Contaminant of concern: gasoline.	LUST CLEANUP SITE	Completed 3/27/2014	131 Terminal Court	South San Francisco
Peking Handicraft	5	Contaminant of concern: gasoline.	LUST CLEANUP SITE	Completed 8/18/1998	1388 San Mateo Avenue	South San Francisco
Sam Trans (Vacant)	6	Contaminant of concern: gasoline.	LUST CLEANUP SITE	Completed 4/10/2000	196 Produce Avenue	South San Francisco
Shell Service Station	7	Contaminant of concern: gasoline.	LUST CLEANUP SITE	Completed 8/29/2006	248 South Airport Boulevard	South San Francisco
U-Freight America Inc	8	Contaminant of concern: gasoline.	LUST CLEANUP SITE	Completed 6/26/2001	320 Corey Way	South San Francisco

Table 2.3.5-2 Same 2020 Sites also Identified in 2014/2018

Site Name	Site Code (for Use with Figure 2.3.5-1)	Description	Site Type	Status	Address	City
Amphlett Printing	9	Contaminants of concern are undefined. Remedial action occurred in 1994. Verification monitoring follow-up was performed in 2004.	CLEANUP PROGRAM SITE	Completed 03/09/2005	1331 San Mateo Avenue	South San Francisco
Chevron 9-7875	10	LUST. Release was reported on 9/20/1994. Contaminant of concern: gasoline.	LUST CLEANUP SITE	Completed 12/11/2002	300 South Airport Boulevard	South San Francisco
Diadoti Construction	11	Substance released: gasoline.	LUST CLEANUP SITE	Completed 11/10/1998	1461 San Mateo Avenue	South San Francisco
Four Star Automotive I	12	Contaminant of concern: gasoline. Media affected was soil. No remedial action documented.	LUST CLEANUP SITE	Completed 6/12/1995	1405 San Mateo Avenue	South San Francisco
Shell Oil	13	Substances released: TPH-g and BTEX. Soil excavated for remediation.	LUST	Completed 6/24/2005	140 Produce Avenue	South San Francisco
Greyhound Exposition Services	14	Discharge discovered 9/25/1991. Contaminant of concern: gasoline.	LUST	Completed 7/28/2000	100 Utah Avenue	South San Francisco
Parking Corporation of America	15	Contaminant of concern: gasoline.	LUST	Completed 5/20/2010	120 Terminal Court	South San Francisco
Not identified	16	LUST release discovered on 3/2/1987. Contaminant of concern: gasoline.	LUST	Completed 8/4/1992	1395 Lowrie Avenue	South San Francisco

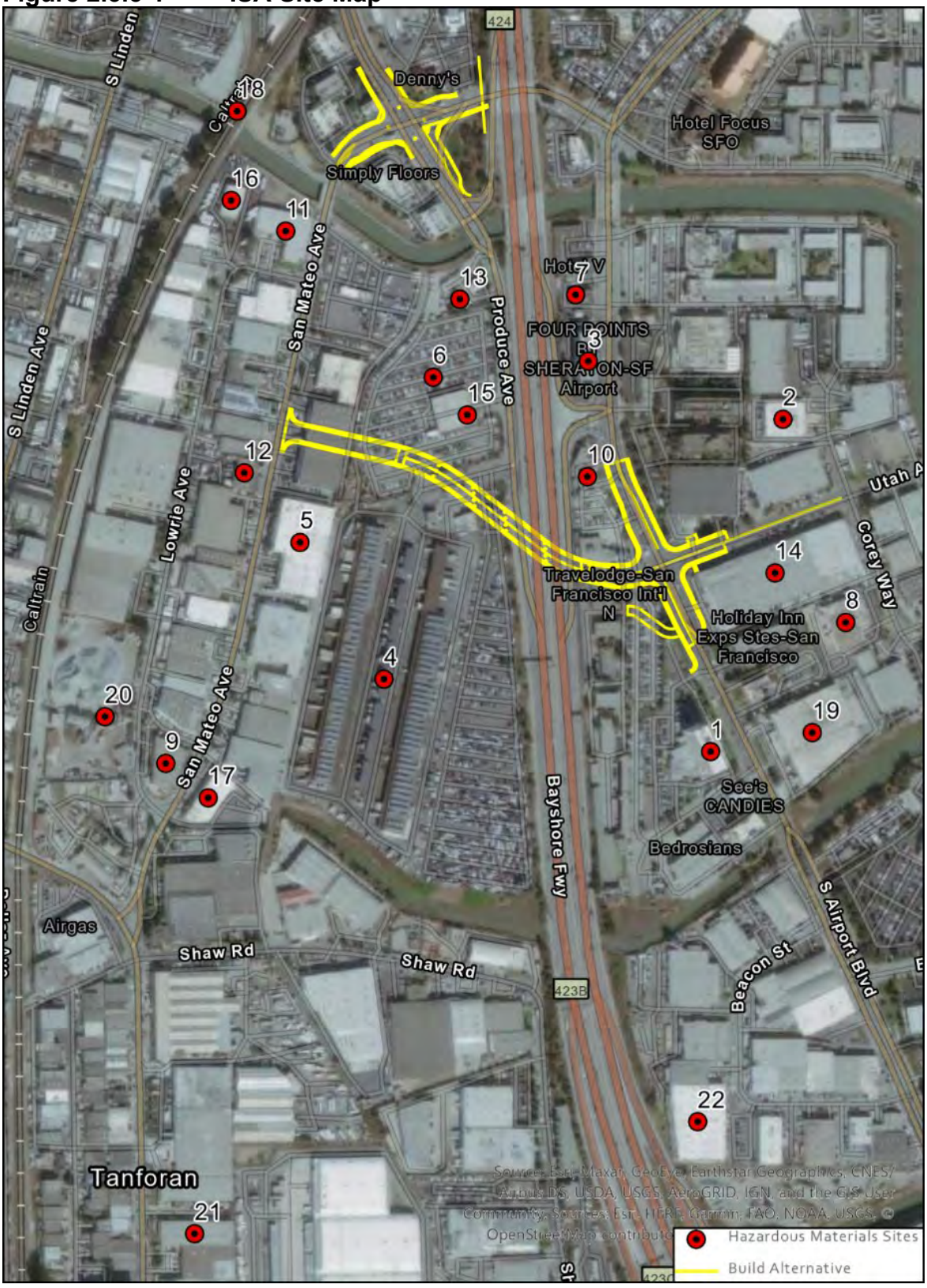
Table 2.3.5-3 Sites Identified in 2015/2018 Report Not identified 2020

Site Name	Site Code (for Use with Figure 2.3.5-1)	Description	Site Type	Status	Address	City
Lubrivan Truck Services	17	LUST leak discovered on 6/17/1986. Contaminant released: Gasoline. Soil excavation began in 1992 and ended in 1996.	LUST	Completed 03/07/2003	1320 San Mateo Avenue	South San Francisco
UPRR Linden (AKA Union Pacific Railroad Linden)	18	Site was leased by BASAPCO between 1968 and 1991 for recycling and dismantling lead batteries from cars and construction equipment. Contaminant of concern: lead. Between 2012 and 2013, lead-contaminated soils were removed from the site. A Land Use Covenant (LUC) was instated in 1/31/2014; the LUC requires a DTSC-approved Soil Management Plan before any disturbance of soil at or below 1-foot grade. DTSC Remedial Action Certification as of 2/4/2014.	CLEANUP PROGRAM SITE		East of 27 South Linden Avenue	South San Francisco
U Freight America Inc	19	Preliminary Assessment performed at Pacific Plastics Products Inc. on 5/31/89. Potential substances released: organic liquids with metals, aqueous solution with metals lead and chromium VI. Facility was determined not to be an NPL candidate. Site inspection recommended by DHS. Clean up status: Unknown.	CLEANUP PROGRAM SITE		405 South Airport Boulevard	South San Francisco
Granite Rock Co South SF Asphalt	20	Substance release discovered on 11/26/1985. Contaminants of concern: waste oil, motor oil, hydraulic oil and lubricating oil. Post-remedial action monitoring began 6/15/2004.	CLEANUP PROGRAM SITE	Completed 4/1/2008	1321 Lowrie Avenue	South San Francisco

Site Name	Site Code (for Use with Figure 2.3.5-1)	Description	Site Type	Status	Address	City
San Bruno Glass Center	21	LUST leak reported on 11/30/1989. Substance released: gasoline. Soil excavation was conducted in 1990 as a remedial action.	LUST	Completed – case closed on 10/11/2002	1160 San Mateo Avenue	South San Francisco
Hampton's Service, Inc.	22	LUST. Discharge discovered 4/10/1989. Contaminant of concern: gasoline.	LUST	Completed – case closed as of 3/7/2003	160 Beacon Street	South San Francisco
U Freight America Inc	19	Preliminary Assessment performed at Pacific Plastics Products Inc. on 5/31/89. Potential substances released: organic liquids with metals, aqueous solution with metals lead and chromium VI. Facility was determined not to be an NPL candidate. Site inspection recommended by DHS. Clean up status: Unknown.	CLEANUP PROGRAM SITE		405 South Airport Boulevard	South San Francisco
Granite Rock Co South SF Asphalt	20	Substance release discovered on 11/26/1985. Contaminants of concern: waste oil, motor oil, hydraulic oil and lubricating oil. Post-remedial action monitoring began 6/15/2004.	CLEANUP PROGRAM SITE	Completed 4/1/2008	1321 Lowrie Avenue	South San Francisco

Sources: EDR reports, 2015 and 2018; EnviroStor and GeoTracker web-based databases, 2020.

Figure 2.3.5-1 ISA Site Map



The project will involve right-of-way, either property acquisition or temporary construction easements. Comparing the ISA findings with proposed right-of-way needs, there are two properties at or near the project that have involved contamination issues or the properties handled hazardous materials in the past:

- 131 Terminal Court, Golden Gate Produce Terminal. This is a large produce market property, and is identified in the ISA as “Olympian Produce Mkt Card Lock,” as a leaking underground storage tank involving gasoline. Its status was identified as “completed” in 2014 with respect to cleanup actions.

- 100 Utah Avenue, listed in the ISA as a Greyhound Exposition Services property but is shown on current aerial images as a Goodwill facility. A discharge of gasoline was identified in 1991, and its status is identified as “completed” in 2000.

The above locations, as well as all property acquisitions, should be revisited with respect to contamination concerns during the right-of-way phase. The acquisition of right-of-way is primarily needed for the extension of Utah Avenue and minor acquisitions needed at the intersection modifications, which are on local roads.

2.3.5.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not affect potential hazardous material sites in the project area.

Build Alternative

Building and Structure Acquisition and Demolition

The 2020 ISA update identified potential risks with lead, PCBs and asbestos, but does not address potential contamination issues for specific existing structures as no structures or properties were entered or inspected at this preliminary stage of project development. Existing structures that will be demolished or modified should be investigated for hazardous materials or contamination issues, including the presence of building materials painted with lead-based paint, storage buildings that might contain hazardous materials, asbestos (i.e., transit pipe, insulation, and siding), heating fuel storage tanks, thermoplastic paint, PCBs, and other similar issues. A qualified and licensed inspector should evaluate and sample the existing structures scheduled for demolition for the presence of asbestos-containing materials and PCBs.

Soil and Groundwater Sampling

The results of the ISA indicate the potential for petroleum hydrocarbons, chlorinated hydrocarbons, metals and residual amounts of aerially deposited lead to be present in surface soil and/or shallow groundwater. Soil and/or groundwater sampling is recommended prior to or during soil excavation activities. The exact sample locations, sampling depths, sample media (soil/groundwater), and constituents analyzed should

be selected with all potential identified impacts to the project area in mind to prepare a comprehensive sampling plan. The following measures are recommended:

- If the project construction excavations will extend to groundwater, groundwater sampling, analysis, and characterization are recommended before the start of construction to investigate safety precautions for construction personnel. Furthermore, treatment and disposal options for extracted groundwater will need to be evaluated prior to any dewatering of excavations due to construction activities.

- If suspected petroleum hydrocarbon-impacted soils are encountered during soil excavation activities, soil should be sampled, tested, and characterized for petroleum hydrocarbons.

- Additionally, prior to the beginning of, and periodically during any soil excavation work, surface soils should be tested for aerially deposited and subsurface lead to evaluate safety recommendations for construction workers and soil management options.

- Any proposed acquisition of property detailed in Section 2.2.5 requires further investigation of soil and/or groundwater, due to the potential for presence of petroleum hydrocarbons, aerially deposited or subsurface lead, and metals.

- A qualified and licensed inspector should evaluate and sample the existing building and structures scheduled for demolition for the presence of potential asbestos-containing materials, lead-based paint, and PCBs.

Aerially deposited lead (ADL) from the historical use of leaded gasoline, exists along roadways throughout California. There is the likely presence of soils with elevated concentrations of lead as a result of ADL on the state highway system right-of-way within the limits of the project alternatives. Soil determined to contain lead concentrations exceeding stipulated thresholds must be managed under the July 1, 2016, ADL Agreement between Caltrans and the California Department of Toxic Substances Control. This ADL Agreement allows such soils to be safely reused within the project limits as long as all requirements of the ADL Agreement are met.

2.3.5.4 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization, or mitigation is required. Project features would be implemented as described in PF-HAZ-01 through 04 of Table 1.6-1.

2.3.6 Air Quality

2.3.6.1 Regulatory Setting

The Federal Clean Air Act (FCAA), as amended, is the primary federal law that governs air quality while the California Clean Air Act (CCAA) is its companion state law. These laws, and related regulations by the United States Environmental Protection Agency

(U.S. EPA) and the California Air Resources Board (ARB), set standards for the concentration of pollutants in the air. At the federal level, these standards are called National Ambient Air Quality Standards (NAAQS). NAAQS and state ambient air quality standards have been established for six criteria pollutants that have been linked to potential health concerns: carbon monoxide (CO), nitrogen dioxide (NO2), ozone (O3), particulate matter (PM)—which is broken down for regulatory purposes into particles of 10 micrometers or smaller (PM_{10}) and particles of 2.5 micrometers and smaller ($PM_{2.5}$), Lead (Pb), and sulfur dioxide (SO_2). In addition, state standards exist for visibility reducing particles, sulfates, hydrogen sulfide (H_2S), and vinyl chloride. The NAAQS and state standards are set at levels that protect public health with a margin of safety, and are subject to periodic review and revision. Both state and federal regulatory schemes also cover toxic air contaminants (air toxics); some criteria pollutants are also air toxics or may include certain air toxics in their general definition.

Federal air quality standards and regulations provide the basic scheme for project-level air quality analysis under NEPA. In addition to this environmental analysis, a parallel "Conformity" requirement under the FCAA also applies.

Conformity

The conformity requirement is based on FCAA Section 176(c), which prohibits the USDOT and other federal agencies from funding, authorizing, or approving plans, programs, or projects that do not conform to State Implementation Plan (SIP) for attaining the NAAQS. "Transportation Conformity" applies to highway and transit projects and takes place on two levels: the regional (or planning and programming) level and the project level. The proposed project must conform at both levels to be approved.

Conformity requirements apply only in nonattainment and "maintenance" (former nonattainment) areas for the NAAQS, and only for the specific NAAQS that are or were violated. U.S. EPA regulations at 40 Code of Federal Regulations (CFR) 93 govern the conformity process. Conformity requirements do not apply in unclassifiable/attainment areas for NAAQS and do not apply at all for state standards regardless of the status of the area.

Regional conformity is concerned with how well the regional transportation system supports plans for attaining the NAAQS for carbon monoxide (CO), nitrogen dioxide (NO2), ozone (O3), particulate matter (PM_{10} and $PM_{2.5}$), and in some areas (although not in California), sulfur dioxide (SO_2). California has nonattainment or maintenance areas for all of these transportation-related "criteria pollutants" except SO_2, and also has a nonattainment area for lead (Pb); however, lead is not currently required by the FCAA to be covered in transportation conformity analysis. Regional conformity is based on emission analysis of Regional Transportation Plans (RTPs) and Federal Transportation Improvement Programs (FTIPs) that include all transportation projects planned for a region over a period of at least 20 years (for the RTP) and 4 years (for the FTIP). RTP and FTIP conformity uses travel demand and emission models to determine whether or not the implementation of those projects would conform to emission budgets or other tests at various analysis years showing that requirements of the FCAA and the SIP are met. If the conformity analysis is successful, the Metropolitan Planning Organization

(MPO), FHWA, and Federal Transit Administration (FTA) make the determinations that the RTP and FTIP are in conformity with the SIP for achieving the goals of the FCAA. Otherwise, the projects in the RTP and/or FTIP must be modified until conformity is attained. If the design concept and scope and the "open-to-traffic" schedule of a proposed transportation project are the same as described in the RTP and FTIP, then the proposed project meets regional conformity requirements for purposes of project-level analysis.

Project-level conformity is achieved by demonstrating that the project comes from a conforming RTP and TIP; the project has a design concept and scope that has not changed significantly from those in the RTP and TIP; project analyses have used the latest planning assumptions and U.S. EPA-approved emissions models; and in PM areas, the project complies with any control measures in the SIP. Furthermore, additional analyses (known as hot-spot analyses) may be required for projects located in CO and PM nonattainment or maintenance areas to examine localized air quality impacts.

2.3.6.2 Affected Environment

The analysis summarized in this section is from the *Air Quality Report* prepared in March 2022 (Baseline 2022).

The project area is in the Peninsula climatological subregion of the San Francisco Bay Area Air Basin (SFBAAB). Air quality regulation in SFBAAB is administered by the Bay Area Air Quality Management District (BAAQMD). The following discussion provides an overview of the environmental setting with regard to air quality in the SFBAAB.

Climate, Meteorology, and Topography

The Bay Area has a Mediterranean climate characterized by wet winters and dry summers. During the summer, a high-pressure cell centered over the northeastern Pacific Ocean results in stable meteorological conditions and a steady northwesterly wind flow that keep storms from affecting the California coast. During the winter, the Pacific high-pressure cell weakens, resulting in increased precipitation and the occurrence of storms. The highest air pollutant concentrations in the Bay Area generally occur during inversions, when a surface layer of cooler air becomes trapped beneath a layer of warmer air.

The blocking effect of the Santa Cruz Mountains results in variations in summertime maximum temperatures in different parts of the peninsula. During the summer months, average temperatures for South San Francisco range from the mid-50s to low-70s (degrees Fahrenheit). During the winter months, average temperatures range from the mid-40s to low-60s (degrees Fahrenheit). The annual average rainfall near the project ranges from about 6 to 27 inches (DWR 2021) and mainly occurs during the winter months.

Air pollution potential within the Peninsula region is highest in the southeast. In contrast, South San Francisco is subject to cooler temperatures and higher winds and fog of the

marine layer. These conditions help moderate the pollution levels resulting from the urban land uses in the project area, compared to areas in the southern portion of the Peninsula.

Regional Air Quality Conformity

The principal health and atmospheric effects, as well as typical sources, of regulated pollutants are listed in Table 2.3.6-1. Additionally, the state and federal attainment status those pollutants in the SFBAAB are summarized in Table 2.3.6-1. The SFBAAB is currently designated a marginal nonattainment area for the 2008 and 2015 federal 8-hour ozone standard, moderate nonattainment for the 2006 federal 24-hour $PM_{2.5}$ standard, and nonattainment for the State ozone, PM_{10}, and $PM_{2.5}$ standards. The SFBAAB is classified as attainment or unclassifiable for the remaining NAAQS and CAAQS. Unclassifiable generally indicates that there is a lack of representative data to classify a basin.

Local Ambient Air Quality

The BAAQMD operates a network of air monitoring stations throughout the SFBAAB to monitor air pollutants such as ozone, PM_{10}, and $PM_{2.5}$. The nearest air monitoring station where ozone, $PM_{2.5}$ levels, and PM_{10} levels are consistently measured is the San Francisco-Arkansas Street station at 10 Arkansas Street in San Francisco, approximately 8 miles north of the project. This station is considered representative of conditions in the project vicinity because it experience similar meteorological conditions. Table 2.3.6-2 presents the most recent ambient air quality data recorded at the station from 2015 through 2019 for the criteria air pollutants that are in nonattainment. As Table 2.3.6-2 shows, exceedance of California and national standards of 8-hour ozone occurred in 2019. The California standards for 1-hour ozone was not exceeded in all five years. For PM_{10}, exceedances of the California standards for 24-hour PM_{10} and annual arithmetic mean PM_{10} were reported in 2017. The national standards for 24-hour PM_{10} was not exceeded in all five years. The national standards for 24-hour $PM_{2.5}$ were exceeded in 2017 and 2018. Exceedances of the California and national standards for annual arithmetic mean $PM_{2.5}$ was not reported in all five years.

Sensitive Receptors and Community Health Risks

Under the FCAA, ambient air quality must meet the standards for criteria air pollutants in all locations generally accessible to the public; however, some land uses are considered more sensitive to air pollution than others. Sensitive receptors are defined as facilities that house or attract children, the elderly, people with illnesses, people participating in outdoor sports, or others who are especially sensitive to the effects of air pollutants. Sensitive receptors include schools, parks, hospitals, and convalescent homes. Residential areas are also considered sensitive receptors because residents may include children, the elderly, and the infirm, and residents are often in their homes for extended periods of time.

No schools, hospitals, convalescent homes, or residences are located within 500 feet of the project. The area surrounding the proposed project is mostly for commercial use.

Table 2.3.6-1 Air Pollution Standards Table

Pollutant	Averaging Time	State Standard [6]	Federal Standard [7]	State Project Attainment Status	Federal Project Area Attainment Status
O_3 [8]	1 hour	0.09 ppm [9]	N/A	N	N/A
O_3	8 hours	0.070 ppm	0.070 ppm (4th highest in 3 years)	N	N (Marginal)
CO [10]	1 hour	20 ppm	35 ppm	A	A
CO	8 hours	9.0 ppm	9 ppm	A	A
CO	8 hours (Lake Tahoe)	6 ppm	N/A	A	N/A
PM_{10} [11]	24 hours	50 µg/m^3 [12]	150 µg/m^3 (expected number of days above standard < or equal to 1)	N	U
PM_{10}	Annual	20 µg/m^3	N/A	N	N/A
$PM_{2.5}$ [13]	24 hours	N/A	35 µg/m^3 [11]	N/A	N
$PM_{2.5}$	Annual	12 µg/m^3	12.0 µg/m^3	N	U, A
NO_2	1 hour	0.18 ppm	0.100 ppm [14]	A	U
NO_2	Annual	0.030 ppm	0.053 ppm	N/A	A

[6] California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM10, PM2.5, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[7] Federal standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m3 is equal to or less than one. For PM2.5, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.

[8] On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm. Transportation conformity applies in newly designated nonattainment areas for the 2015 national 8-hour ozone primary and secondary standards on and after August 4th, 2019 (see Transportation Conformity Guidance for 2015 Ozone NAAQS Nonattainment Areas).

[9] ppm = parts per million

[10] Transportation conformity requirements for CO no longer apply after June 1, 2018 for the following California Carbon Monoxide Maintenance Areas (see U.S. EPA CO Maintenance Letter).

[11] On December 14, 2012, the national annual PM2.5 primary standard was lowered from 15 µg/m3 to 12 µg/m3. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at 35 µg/m3, as was the annual secondary standard of 15 µg/m3. The existing 24-hour PM10 standards (primary and secondary) of 150 µg/m3 also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

[12] µg/m3 = micrograms per cubic meter

[13] The 65 µg/m3 PM2.5 (24-hr) NAAQS was not revoked when the 35 µg/m3 NAAQS was promulgated in 2006. The 15 µg/m3 annual PM2.5 standard was not revoked when the 12 µg/m3 standard was promulgated in 2012. Therefore, for areas designated nonattainment or nonattainment/maintenance for the 1997 and or 2006 PM2.5 NAAQS, conformity requirements still apply until the NAAQS are fully revoked.

[14] Final 1-hour NO2 NAAQS published in the Federal Register on 2/9/2010, effective 3/9/2010. Initial area designation for California (2012) was attainment/unclassifiable throughout. Project-level hot spot analysis requirements do not currently exist. Near-road monitoring starting in 2013 may cause re-designation to nonattainment in some areas after 2016.

Pollutant	Averaging Time	State Standard [6]	Federal Standard [7]	State Project Attainment Status	Federal Project Area Attainment Status
SO_2 [15]	1 hour	0.25 ppm	0.075 ppm (99^{th} percentile over 3 years)	A	N/A
SO_2	3 hours	N/A	0.5 ppm [16]	N/A	N/A
SO_2	24 hours	0.04 ppm	0.14 ppm (for certain areas)	A	U
SO_2	Annual	N/A	0.030 ppm (for certain areas)	N/A	U
Pb [17]	Monthly	1.5 µg/m^3	N/A	N/A	A
Pb	Calendar Quarter	N/A	1.5 µg/m^3 (for certain areas)	N/A	A
Pb	Rolling 3-month average	N/A	0.15 µg/m^3 [18]	N/A	N/A
Sulfates	24 hours	25 µg/m^3	N/A	A	N/A
H_2S	1 hour	0.03 ppm	N/A	U	N/A
Visibility Reducing Particles (VRP) [19]	8 hours	Visibility of 10 miles or more (Tahoe: 30 miles) at relative humidity less than 70 %	N/A	U	N/A
Vinyl Chloride [17]	24 hours	0.01 ppm	N/A	N/A	N/A

Source: CARB Air Quality Standards chart accessed April 26, 2022. Greenhouse gases (GHGs) do not have concentration standards; conformity requirements do not apply to GHGs and therefore are not listed.

Notes:

A = Attainment
N = Nonattainment
U = Unclassified
N/A = Not Applicable or No Information

[15] On June 2, 2010, a new 1-hour SO2 standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75ppb. The 1971 SO2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[16] Secondary standard, the levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant rather than health. Conformity and environmental analysis address both primary and secondary NAAQS.

[17] The ARB has identified vinyl chloride and the particulate matter fraction of diesel exhaust as toxic air contaminants. Diesel exhaust particulate matter is part of PM10 and, in larger proportion, PM2.5. Both the ARB and U.S. EPA have identified lead and various organic compounds that are precursors to ozone and PM2.5 as toxic air contaminants. There are no exposure criteria for adverse health effect due to toxic air contaminants, and control requirements may apply at ambient concentrations below any criteria levels specified above for these pollutants or the general categories of pollutants to which they belong.

[18] Lead NAAQS are not considered in Transportation Conformity analysis.

[19] In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

Table 2.3.6-2 Air Quality Measured at the San Francisco-Arkansas Street Air Monitoring Station

Pollutant	Standard	2015	2016	2017	2018	2019
Ozone (O_3)	Max 1-hour Concentration (ppm)	0.085	0.070	0.087	0.065	0.091
	No. days exceeded CAAQS (0.09 ppm)	0	0	0	0	0
	Max 8-hour Concentration (ppm)	0.067	0.057	0.054	0.049	**0.074**
	No. days exceeded CAAQS (0.070 ppm)	0	0	0	0	**1**
	No. days exceeded NAAQS (0.070 ppm)	0	0	0	0	**1**
Particulate Matter (PM_{10})	Max 24-hour Concentration ($\mu g/m^3$)	47.0	35.7	77.0	43.0	42.1
	No. days exceeded CAAQS (50 $\mu g/m^3$)	NA	NA	**24.6**	NA	0
	No. days exceeded NAAQS (150 $\mu g/m^3$)	0	0	0	0	0
	Annual Arithmetic Mean ($\mu g/m^3$)	9.8	8.8	22.1	10	14.8
	Exceeded CAAQS (20 $\mu g/m^3$)?	No	No	Yes	No	No
Particulate Matter ($PM_{2.5}$)	Max 24-hour Concentration ($\mu g/m^3$)	35.4	19.6	49.9	177.4	25.4
	No. days exceeded NAAQS (35 $\mu g/m^3$)	0	0	**7.3**	**14.6**	0
	Annual Arithmetic Mean ($\mu g/m^3$)	7.6	7.5	9.7	11.7	7.7
	Exceeded CAAQS (12 $\mu g/m^3$)?	No	No	No	No	No
	Exceeded NAAQS (12 $\mu g/m^3$)?	No	No	No	No	No

Source: CARB 2021
Notes: CAAQS = California ambient air quality standards; µg/m3 = micrograms per cubic meter; NAAQS = National ambient air quality standards; ppm = parts per million

2.3.6.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not change air quality in the project area.

Build Alternative

Regional Conformity

The proposed project is included in the regional air quality conformity analysis for the current RTP, Plan Bay Area 2050 (MTC and ABAG 2021, RTP ID 21-T06-027). MTC found that regionally significant projects in the San Francisco Bay Area will conform to the purpose of the SIP and not cause new air quality violations, worsen existing violations, or delay timely attainment of the relevant NAAQS as provided in Section 176(c) of the FCAA. The project is also included in the MTC's financially constrained 2021 TIP (MTC 2021, TIP ID SM-110003). The TIP gives priority to eligible Transportation Control Measures identified in the SIP and provides sufficient funds to provide for their implementation. The FHWA and FTA approved MTC's conformity determination for Plan Bay Area 2050 and the 2021 TIP on December 3, 2021.

The project's design concept, scope, and open-to-traffic date assumptions are generally consistent with the regional emissions analysis performed for the current RTP and TIP. Therefore, the project will not interfere with the timely implementation of any Transportation Control Measures identified in the SIP.

Project-Level Conformity

The project is located in a federal nonattainment area for ozone and $PM_{2.5}$ and, therefore, a project-level conformity analysis of operational emissions is required to address these pollutants under 40 CFR 93.

Particulate Matter Hot-Spot Analysis

A quantitative particulate matter hot-spot analysis is required for a transportation project that is in a federal nonattainment or maintenance area for $PM_{2.5}$ and is determined to be a Project of Air Quality Concern (POAQC) as defined in Title 40 CFR Part 93. The SFBAAB is currently designated as a federal nonattainment area for $PM_{2.5}$; therefore, a $PM_{2.5}$ hot-spot analysis is required if the project is determined to be a POAQC. The final rule in 40 CFR 93.123(b)(1) defines POAQCs as follows:

- New or expanded highway projects that have a significant number of or significant increase in diesel vehicles;
- Projects affecting intersections that are at Level-of-Service (LOS) D, E, or F with a significant number of diesel vehicles, or those that will change to LOS D, E, or F because of increased traffic volumes from a significant number of diesel vehicles related to the project;

- New bus and rail terminals and transfer points that have a significant number of diesel vehicles congregating at a single location;

- Expanded bus and rail terminals and transfer points that significantly increase the number of diesel vehicles congregating at a single location; and

- Projects in or affecting locations, areas, or categories of sites which are identified in the $PM_{2.5}$ and PM_{10} applicable implementation plan or implementation plan submission, as appropriate, as sites of violation or possible violation.

Rather than using specific $PM_{2.5}$ measurements, the $PM_{2.5}$ hot-spot demonstration process begins with an evaluation of whether a project fits into one or more of the POAQC categories listed above. In the Bay Area, the process has been established by the MTC and requires interagency consultation with the Bay Area Air Quality Conformity Task Force (Task Force). The Task Force includes representatives from federal (U.S. EPA, FHWA, FTA), state (CARB, Caltrans), regional (MTC, BAAQMD, and ABAG), and subregional (Congestion Management Agencies, transit operators, local jurisdictions, etc.) agencies.

In September 2021, the City of South San Francisco, as the project sponsor, initiated consultation with the Bay Area Air Quality Conformity Task Force. On September 23, 2021, the Task Force determined that the project is not a POAQC, and a detailed $PM_{2.5}$ hot-spot analysis is not required. The project is not expected to cause or contribute to, or worsen, any violations of the federal air quality standards for $PM_{2.5}$. The Project Assessment Form for $PM_{2.5}$ Interagency Consultation and the Air Quality Conformity Task Force determination are included in Appendix D.

Following public circulation of this Environmental Impact Report (EIR)/Environmental Assessment (EA), the project's air quality studies were submitted to FHWA for a project-level conformity determination, and FHWA issued their concurrence on February 6, 2023 (Appendix D).

Ozone Emissions Analysis

The SFBAAB is currently designated as a federal nonattainment area for ozone. Because ozone impacts are regional in nature, projects that are included in an RTP and TIP have already undergone regional conformity analysis and do not require further analysis for a project-level conformity determination. As described above, this project is included in a conforming RTP and TIP, and therefore emissions of ozone precursors from project-related traffic are not anticipated to cause, contribute to, or worsen, any violations of the federal air quality standards for ozone.

In addition, the BAAQMD adopted the 2017 CAP to plan for and achieve compliance with the federal and State ozone standards. This project will not interfere with the control measures described in the 2017 CAP. Furthermore, the project will provide transportation benefits that reduce pollutant emissions, including ozone precursors, by improving traffic operations and efficiency.

Carbon Monoxide Analysis

The project is located in an attainment area for CO and the transportation conformity requirements for CO do not apply (U.S. EPA 2018). According to the Transportation Project-Level Carbon Monoxide Protocol (CO Protocol) (Garza et al. 1997), projects in attainment areas that are likely to worsen air quality may require further analysis. The CO Protocol recommend using the following screening criteria to determine whether a project is likely to worsen air quality for the area substantially affected by the project:

- Significantly increase traffic volumes (more than 5 percent);
- Significantly increase percentage of vehicles operating in cold start mode (more than 2 percent); or
- Worsens traffic flow.

Additional Environmental Analysis: Operational Criteria Air Pollutant Emissions

Project operations would generate emissions of criteria air pollutants and precursors that could potentially affect regional air quality. The operational emissions account for long-term changes in emissions due to the project (excluding the construction phase). According to the BAAQMD, the primary criteria air pollutant emissions of concern during project operation would be ROG, NO_x, PM_{10}, and $PM_{2.5}$ from the exhaust of on-road vehicles. Criteria air pollutant emissions from project operations were estimated for the existing conditions (2020) and the No Build and Build Alternatives during the opening year (2025), horizon year (2040), and design year (2045) to support NEPA and CEQA review of the project.

A quantitative analysis of daily emissions was performed for ROG, NO_x, and exhaust PM_{10} and $PM_{2.5}$ using the Caltrans CT-EMFAC2017 model to compare the potential effects of the Build and No Build Alternatives. The results are shown in Table 2.3.6-3.

Table 2.3.6-3 Operational Criteria Air Pollutant Emissions (Pounds per Day)

Pollutant	2020 Existing	2025 No Build	2025 Build	2040 No Build	2040 Build	2045 No Build	2045 Build
ROG	188	149	147	113	112	111	109
NO_x	395	209	208	151	150	153	152
PM_{10} Exhaust	8.1	4.1	4.1	2.3	2.3	2.2	2.1
$PM_{2.5}$ Exhaust	7.6	3.8	3.8	2.1	2.1	2.0	2.0

As shown in Table 2.3.6-3, the estimated daily ROG, NO_x, and exhaust PM_{10} and $PM_{2.5}$ emissions for the Build Alternative during the opening year (2025), horizon year (2040), and design year (2045) scenarios would be approximately equal to or lower than the emissions for the No Build Alternative, which is primarily attributed to the reduction in

study area VMT under the Build Alternative. Emissions for both the Build and No Build Alternative would also be lower in the opening year (2025), horizon year (2040), and design year (2045) compared to the existing year (2020), because federal and state vehicle emissions standards are predicted to reduce pollutant emissions over time (as new, lower emission vehicle replace older vehicles).

In conclusion, the modeling results show that the Build Alternative would not result in an increase in criteria air pollutant emissions compared to the existing year conditions or the future No Build Alternative. Therefore, emissions of criteria air pollutants from project-related traffic are not anticipated to cause, contribute to, or worsen, any air quality violations.

Mobile Source Air Toxics

Technical shortcomings of emissions and dispersion models and uncertain science with respect to health effects prevent the meaningful or reliable estimates of MSAT emissions and effects for this project. However, even though reliable methods do not exist to accurately estimate the health impacts of MSAT at the project level, it is possible to assess the levels of future MSAT emissions by comparing the project alternatives. The project's potential air quality impacts related to long-term operations emissions of MSAT were evaluated in accordance with the FHWA's (2016) *Updated Interim Guidance on Mobile Source Air Toxic Analysis in NEPA Documents*.

The proposed project is not located in proximity to populated area with nearby sensitive receptors. In addition, the project would not add substantial new capacity or create a facility that is likely to substantially increase emissions. According to FHWA guidance, the project has a low potential for MSAT effects. Therefore, FHWA guidance recommends a qualitative analysis to forecast and compare local-specific emission trends of the priority MSAT for each alternative.

To be conservative, a quantitative analysis of daily emissions was performed for the nine priority MSATs using the Caltrans CT-EMFAC2017 model to compare the potential effects of the project Build and No Build Alternatives.

As shown in Table 2.3.6-4, the estimated daily MSAT emissions for the Build Alternative during the opening year (2025), horizon year (2040), and design year (2045) scenarios would be approximately equal to or lower than the emissions for the No Build Alternative, which is primarily attributed to the reduction in study area VMT under the Build Alternative. Emissions for both the Build and No Build Alternative would also be lower in the opening year (2025), horizon year (2040), and design year (2045) compared to the existing year (2020), because federal and state vehicle emissions standards are expected to reduce pollutant emissions over time. In conclusion, the modeling results show that the Build Alternative would not result in an increase in MSAT emissions compared to the existing year conditions or the future No Build Alternative.

Table 2.3.6-4 Operational MSAT Emissions (Grams per day)

Pollutant	2020 Existing	2025 No Build	2025 Build	2040 No Build	2040 Build	2045 No Build	2045 Build
1,3-Butadiene	281	232	230	211	209	212	210
Acetaldehyde	572	300	297	282	278	285	281
Acrolein	62	52	52	47	47	47	47
Benzene	1,731	1,380	1,365	1,153	1,142	1,143	1,133
Diesel Particulate Matter	1,840	441	439	375	375	373	373
Ethylbenzene	1,281	1,042	1,026	788	780	766	759
Formaldehyde	1,578	955	947	879	869	886	876
Naphthalene	102	83	82	63	62	61	61
Polycyclic Organic Matter	51	34	33	27	27	27	27

Short-Term Construction Impacts

Construction Emissions for Project-Level Conformity

Project construction activities would generate emissions of criteria air pollutants and precursors that could potentially affect regional air quality. Project construction is anticipated to commence in 2025 and take approximately 18 months to complete. Because construction of the Build Alternative is expected to last less than five years, temporary emissions of CO, PM_{10}, and $PM_{2.5}$ are not expected to cause, contribute to, or worsen any federal air quality violations and an evaluation of these emissions is not required for a project-level conformity determination (40 CFR 93.123(c)(5)).

Construction Criteria Air Pollutant Emissions

The BAAQMD considers construction activities to be typically short-term or temporary in duration; however, criteria air pollutant emissions from project construction were estimated for informational purposes. Construction emissions for the Build Alternative were quantified using the Sacramento Metropolitan Air Quality Management District's Roadway Construction Emissions Model (RCEM Version 9.0).

The BAAQMD's current CEQA Guidelines (BAAQMD 2017b) recommend thresholds of significance for project-level criteria air pollutant emissions to assist lead agencies in CEQA determinations. The BAAQMD's thresholds include levels at which construction emissions of ozone precursors (ROG and NO_x), PM_{10}, and $PM_{2.5}$ could cause significant air quality impacts. Because Caltrans has not established significance thresholds for criteria air pollutant emissions for CEQA purposes, the BAAQMD's recommended thresholds are included in Table 2.3.6-5 for comparison only.

Table 2.3.6-5 Construction Criteria Air Pollutant Emissions (Average Pounds per Day)

Emissions Scenario	ROG	NO_x	Exhaust PM_{10}	Exhaust $PM_{2.5}$	Fugitive Dust PM_{10}	Fugitive Dust $PM_{2.5}$
Build Alternative	4.8	46	1.9	1.7	147	31
BAAQMD CEQA Thresholds[A]	54	54	82	54	BMP	BMP

Notes: BMP = best management practices; NA= not available

Total emissions averaged over the shortest expected duration of construction (18 months) to conservatively estimate daily emissions.

Fugitive dust emissions include a 50 percent reduction from the use of watering trucks. However, additional reductions from implementation of dust-control measures listed under PF-AIR-01 of Table 1.6-1 cannot be readily quantified.

[A] The BAAQMD's thresholds have not been adopted by Caltrans and are only shown for informational purposes.

As shown in Table 2.3.6-5, the project's average daily emissions would be below the BAAQMD's recommended thresholds for ROG, NO_x, and Exhaust PM_{10} and $PM_{2.5}$. Because the average daily emissions of criteria pollutants and precursors from equipment and vehicle exhaust would be below the recommended thresholds, construction of the proposed project would not be expected to cause or contribute to, or worsen, any state air quality violations.

Neither Caltrans nor the BAAQMD has a quantitative threshold for fugitive dust emissions; however, the BAAQMD considers implementation of best management practices (BMPs) to control fugitive dust PM_{10} and $PM_{2.5}$ during construction sufficient to reduce potential impacts from dust to a less-than-significant level. Caltrans' Special Provisions and Standard Specifications will include requirements to minimize or eliminate dust during construction. Required dust control measures, as described in PF-AIR-01 – 02, are to be amended as necessary by the project Special Provisions in the Plans, Specifications, and Estimates (PS&E) phase.

Construction Asbestos and Lead Emissions

Based on review of geologic maps, construction of the project would not be expected to disturb any rock formations that would likely contain naturally occurring asbestos (SFPUC, 2013). However, it should be noted that there is a rock formation located approximately 400 feet north of the Airport Boulevard/Produce Avenue/San Mateo Avenue intersection that likely contains naturally occurring asbestos. If naturally occurring asbestos is encountered during construction, the construction contractor must stop work, notify the BAAQMD, and implement dust control measures to reduce exposure to airborne asbestos in accordance with CARB's Asbestos Airborne Toxic Control Measure (ATCM) for Construction, Grading, Quarrying, and Surface Mining Operations.

Structures that would be demolished during project construction could potentially contain ACMs and lead-based paint. The demolition of existing buildings and structures are subject to BAAQMD's Regulation 11, Rule 2 (Asbestos Demolition, Renovation, and Manufacturing), which limits asbestos emissions from demolition or renovation of

structures and the associated disturbance of asbestos-containing waste material generated or handled during these activities. The rule addresses the national emissions standards for asbestos and contains additional requirements. The rule requires the construction contractor(s) to notify the BAAQMD of any regulated renovation or demolition activity. The notification must include a description of the affected structures and the methods used to determine the presence of ACMs. All ACMs found on site must be removed prior to demolition or renovation activity in accordance with BAAQMD Regulation 11, Rule 2, which includes specific requirements for surveying, notification, removal, and disposal of materials that contain asbestos. In addition, state and federal Occupational Safety and Health Administration (OSHA) regulations require a supervisor who is certified with respect to identifying existing and predictable lead hazards to oversee air monitoring and other protective measures during demolition activities in areas where lead-based paint may be present. Special protective measures and notification of Cal/OSHA are required for highly hazardous construction tasks related to lead, such as manual demolition, abrasive blasting, welding, cutting, or torch burning of structures, where lead-based paint is present.

2.3.6.4 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization, or mitigation is required. Project features would be implemented as described in PF-AIR-01 and 02 of Table 1.6-1.

Climate Change

Neither the United States Environmental Protection Agency (U.S. EPA) nor FHWA has issued explicit guidance or methods to conduct project-level greenhouse gas analysis. FHWA emphasizes concepts of resilience and sustainability in highway planning, project development, design, operations, and maintenance. Because there have been requirements set forth in California legislation and executive orders on climate change, CEQA chapter of this document. The CEQA analysis may be used to inform the NEPA determination for the project.

2.3.7 Noise and Vibration

2.3.7.1 Regulatory Setting

NEPA and CEQA provide the broad basis for analyzing and abating highway traffic noise effects. The intent of these laws is to promote the general welfare and to foster a healthy environment. The requirements for noise analysis and consideration of noise abatement and/or mitigation, however, differ between NEPA and CEQA.

California Environmental Quality Act

CEQA requires a strictly baseline versus build analysis to assess whether a proposed project will have a noise impact. If a proposed project is determined to have a significant noise impact under CEQA, then CEQA dictates that mitigation measures must be incorporated into the project unless those measures are not feasible. The rest of this section will focus on the NEPA/Title 23 Part 772 of the Code of Federal Regulations (23

CFR 772) noise analysis; please see Chapter 3 of this document for further information on noise analysis under CEQA.

National Environmental Policy Act and 23 CFR 772

For highway transportation projects with FHWA involvement (and Caltrans, as assigned), the Federal-Aid Highway Act of 1970 and its implementing regulations (23 CFR 772) govern the analysis and abatement of traffic noise impacts. The regulations require that potential noise impacts in areas of frequent human use be identified during the planning and design of a highway project. The regulations include noise abatement criteria (NAC) that are used to determine when a noise impact would occur. The NAC differ depending on the type of land use under analysis. For example, the NAC for residences (67 A-weighted decibels [dBA]) is lower than the NAC for commercial areas (72 dBA).

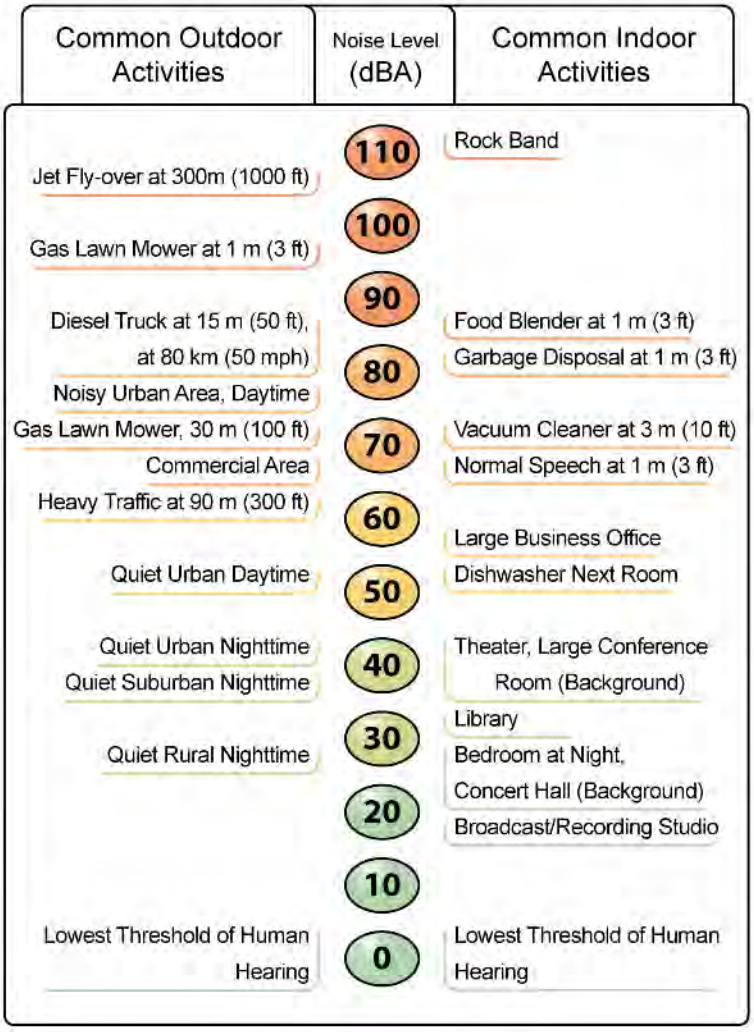
Table 2.3.7-1 lists the NAC for use in the NEPA/23 CFR 772 analysis. Figure 2.3.7-1 lists the noise levels of common activities to enable readers to compare the actual and predicted highway noise levels discussed in this section with common activities.

Table 2.3.7-1 Noise Abatement Criteria

Activity Category	NAC, Hourly A- Weighted Noise Level, Hourly Equivalent Sound Level (L_{eq}[h])	Description of Activity Category
A	57 (Exterior)	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B[1]	67 (Exterior)	Residential
C[1]	67 (Exterior)	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52 (Interior)	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E	72 (Exterior)	Hotels, motels, offices, restaurants/bars, and other developed lands, properties, or activities not included in A–D or F.
F	No NAC—reporting only	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical, etc.), and warehousing.
G	No NAC—reporting only	Undeveloped lands that are not permitted

Notes:
[1] Includes undeveloped lands permitted for this activity group

Figure 2.3.7-1 Noise Levels of Common Activities



According to Caltrans'*Traffic Noise Analysis Protocol for New Highway Construction and Reconstruction Projects, May 2011,* a noise impact occurs when the predicted future noise level with the project substantially exceeds the existing noise level (defined as a 12 dBA or more) or when the future noise level with the project approaches or exceeds the NAC. A noise level is considered to approach the NAC if it is within 1 dBA of the NAC.

If it is determined that the project will have noise impacts, then potential abatement measures must be considered. Noise abatement measures that are determined to be reasonable and feasible at the time of final design are incorporated into the project plans and specifications. This document discusses noise abatement measures that would likely be incorporated in the project.

Caltrans'*Traffic Noise Analysis Protocol* sets forth the criteria for determining when an abatement measure is reasonable and feasible. Feasibility of noise abatement is basically an engineering concern. Noise abatement must be predicted to reduce noise

by at least 5 dB at an impacted receptor to be considered feasible from an acoustical perspective. It must also be possible to design and construct the noise abatement measure for it to be considered feasible. Factors that affect the design and constructability of noise abatement include, but are not limited to, safety, barrier height, topography, drainage, access requirements for driveways, presence of local cross streets, underground utilities, other noise sources in the area, and maintenance of the abatement measure. The overall reasonableness of noise abatement is determined by the following three factors: 1) the noise reduction design goal of 7 dB at one or more impacted receptors; 2) the cost of noise abatement; and 3) the viewpoints of benefited receptors (including property owners and residents of the benefited receptors).

Caltrans Transportation and Construction Vibration Guidance Manual

Caltrans identifies a vibration limit of 0.5 in/sec Peak Particle Velocity (PPV) as the threshold at which there is a potential risk of damage to new residential and modern commercial/industrial structures, 0.3 in/sec PPV for older residential structures, and a conservative limit of 0.25 in/sec PPV for historic and some old buildings (Caltrans 2013). Vibration velocity levels and their associated effects on humans and buildings are shown in Table 2.3.7-2.

Table 2.3.7-2 Reaction of People and Damage to Buildings from Continuous or Frequent Intermittent Vibration Levels

Velocity Level, PPV (in/sec)	Human Reaction	Effect on Buildings
0.01	Barely perceptible	No effect
0.04	Distinctly perceptible	Vibration unlikely to cause damage of any type to any structure
0.08	Distinctly perceptible to strongly perceptible	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected
0.1	Strongly perceptible	Threshold at which there is a risk of damage to fragile buildings with no risk of damage to most buildings
0.25	Strongly perceptible to severe	Threshold at which there is a risk of damage to historic and some old buildings.
0.3	Strongly perceptible to severe	Threshold at which there is a risk of damage to older residential structures
0.5	Severe – Vibrations considered unpleasant	Threshold at which there is a risk of damage to new residential and modern commercial/industrial structures

Local Criteria

Typically, work within the Caltrans right-of-way is not subject to local noise ordinances; however, Caltrans will work with the contractor to meet local requirements where feasible.

2.3.7.2 Affected Environment

This section summarizes the *Noise Study Report* and *Noise Abatement Decision Report* for the project (Illingworth & Rodkin Inc. 2022; AECOM 2022b).

Existing Land Uses

Existing land uses in the Project area were categorized by Activity Category. A field investigation was conducted to identify land uses that could be subject to traffic and construction noise impacts from the proposed Project. The following noise-sensitive land uses were identified in the Project area:

- Activity Category D – Public Meeting Rooms;
- Activity Category E – Restaurants, Offices, Hotels.

Activity Category F land uses are located in the Project area but are not noise-sensitive.

Although all developed land uses are evaluated in this analysis, noise abatement is only considered for areas of frequent human use that would benefit from a lowered noise level. Accordingly, this impact analysis focuses on locations with defined outdoor activity areas, which include hotels, restaurants, offices, and retail.

Future Land Uses

The NSR included a review of future undeveloped land uses within approximately 500 feet of the Project limits, where traffic noise levels from the improved Project roadways could dominate the noise environment. Projects located beyond this distance were excluded from further analysis.

The Marriott Fairfield Inn & Suites Project, which is located at 127 West Harris Avenue and borders Gateway Boulevard, is within 500 feet of the Project. That project, which was approved by the City of South San Francisco City Council in August 2015, consists of an approximately 65,600 square foot, 128 room hotel. Receptor 17 is located within the footprint of the Marriott Fairfield Inn & Suites. The receptor was determined not to be impacted by the Project. The noise study completed determined that it would not contribute to a future cumulative traffic noise increase within the project vicinity. Per City standards, the Marriott Fairfield Inn & Suites has been designed to an exterior noise standard of 65 dBA Ldn, which more restrictive than the 72 dBA Leq[h] NAC for hotels.

A residential project is proposed at 124 Airport Boulevard and 100 Produce Avenue, adjacent to Produce Avenue/Airport Boulevard and San Mateo Avenue, and within 500 feet of the Project. This residential project is under preliminary review and would replace the existing commercial space on the 2.56 acre and 1.56-acre sites with 294 residential units and 186 residential units, respectively. Receptors 20 and 21 are located within the

footprint of the Residential Project. None of these receptors were determined to be impacted by the Project. There is currently no noise study completed for 124 Airport Boulevard and 100 Produce Avenue. Per City standards, the proposed development will be designed to an exterior noise standard of 60 dBA Ldn, which is more restrictive than the 67 dBA Leq[h] NAC for residences.

A second residential project is proposed at 40 Airport Boulevard within 500 feet of the Project. This residential project is also under preliminary review and would replace the existing Hertz Rental on the 1.63 acre site with 292 residential units. Receptors 21 and S5 are located within the footprint of the Residential Project. None of these receptors were determined to be impacted by the Project. There is currently no noise study completed for 40 Airport Boulevard. Per City standards, the proposed development will be designed to an exterior noise standard of 60 dBA Ldn, which is more restrictive than the 67 dBA Leq[h] NAC for residences.

Noise Measurements and Modeling

The existing noise environment throughout the Project area varies by location, depending on site characteristics such as proximity of receptors to US 101, local roadways, or other significant sources of noise in the area, the relative base elevations of roadways and receptors, and the presence of any intervening structures or barriers.

Noise measurements were collected in the project area in February 2021. One long-term noise measurement (L1) was made to quantify the diurnal trend in noise levels and establish the peak traffic noise hour. Eight short-term noise measurements (S1 through S8) were made at land uses in the Project vicinity. All short-term noise measurements were made at heights of 5 feet above ground level. Short-term noise measurement locations were used to validate the FHWA Traffic Noise Model, Version 2.5 (TNM). In addition, traffic counts and speed observations were made along US 101 during the short-term noise measurements in order to calibrate the TNM. Existing traffic and Design Year (2045) peak hour traffic volume data and speed estimates were used as TNM model inputs for local roads and ramps, to calculate the loudest-hour traffic noise levels for Existing, 2045 No Build, and 2045 Build conditions. The loudest hour is not necessarily the hour with peak traffic volumes. Congestion results in slower speeds, which substantially reduces traffic noise levels. The loudest hour is generally characterized by free-flowing traffic at the roadway design speed.

The results of the long- and short-term field measurements are summarized in Tables 2.3.7-3 and 2.3.7-4.

Table 2.3.7-3 Summary of Long-Term Noise Measurements

Receptor ID	Location	Date	Loudest Hour	Loudest Hour $L_{eq[h]}$, dBA
L1	222 South Airport Boulevard	2/17/2021	7:00 a.m.	88

Table 2.3.7-4 Summary of Short-Term Noise Measurements

Receptor ID	Location	Activity Category	Land Use	Date	Start Time	10-minute L_{eq}, dBA
S1	264 South Airport Boulevard	E	Hotel	2/16/2021	9:00 a.m.	78
					9:10 a.m.	78
S2	326 South Airport Boulevard	E	Hotel, Pool	2/16/2021	9:30 a.m.	68
					9:40 a.m.	67
S3	380 South Airport Boulevard	E	Hotel, Pool	2/16/2021	10:00 a.m.	68
					10:10 a.m.	67
S4	255 South Airport Boulevard	D	Conference Center	2/16/2021	10:40 a.m.	70
					10:50 a.m.	69
S5	20 South Airport Boulevard	E	Hotel, Pool	2/16/2021	11:20 a.m.	63
					11:30 a.m.	62
S6	1461 San Mateo Avenue	E	Mixed-Use Industrial-Offices	2/16/2021	12:00 p.m.	66
					12:20 p.m.	67
S7	1379 San Mateo Avenue	E	Mixed-Use Industrial-Offices	2/16/2021	12:40 p.m.	68
					12:50 p.m.	70
S8	131 Terminal Court	E	Commercial	2/16/2021	1:10 p.m.	69
					1:30 p.m.	67

2.3.7.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not increase noise or vibration in the project area.

Build Alternative

The US 101/Produce Avenue Interchange Project (Project) is a Type I project because it would involve the addition and relocation of ramps and would be eligible to receive federal funding from FHWA administered through Caltrans. Therefore, the Project requires noise abatement to be considered for impacted receptors. Compliance with 23 CFR 772 provides compliance with the noise impact assessment requirements of NEPA.

Future Noise Environment and Impacts

Traffic noise modeling results and predicted traffic noise impacts for existing and design year conditions are shown in Tables 2.3.7-5 and 2.3.7-6. The modeling results are discussed in detail following Table 2.3.7-6. In Table 2.3.7-5, Build/Project condition exterior noise levels are compared to Existing conditions and to No Build conditions. The comparison to Existing conditions is included in the analysis to identify traffic noise impacts as defined under 23 CFR 772. The comparison between Build and No Build conditions indicates the direct effect of the Project. In Table 2.3.7-6, interior noise levels within Activity Category D spaces under Build/Project conditions are calculated to identify impacts resulting from traffic noise exceeding the interior NAC. As stated in the TeNS, modeling results are rounded to the nearest decibel before comparisons are made.

Table 2.3.7-5 Predicted Exterior Noise Levels

Receptor ID	Loudest-Hour Exterior Noise Levels, $Leq_{[h]}$ dBA – Existing	Loudest-Hour Exterior Noise Levels, $Leq_{[h]}$ dBA – 2045 No Build	Loudest-Hour Exterior Noise Levels, $Leq_{[h]}$ dBA – 2045 Build	Increase Over Existing, dBA – 2045 No Build	Increase Over Existing, dBA – 2045 Build	Increase Over No Build, dBA – 2045 Build	Activity Category (NAC)	Land Use	Impact[1]
S1	80	81	81	1	1	0	E(72)	Hotel	None[4]
S2	72	73	-	1	-	-	E(72)	Hotel	None[5]
S3	71	71	72	0	1	1	E(72)	Hotel	A/E
S4	72	72	72	0	0	0	D(52) Interior	Public Meeting Room	None[3]
S5	64	64	64	0	0	0	E(72)	Hotel	None
S6	68	68	67	0	-1	-1	E(72)	Commercial	None[4]
S7	68	68	68	0	0	0	E(72)	Commercial	None[4]
S8	75	75	75	0	0	0	E(72)	Commercial	None[4]
R1	78	79	79	1	1	0	E(72)	Commercial	None[4]
R2	67	67	67	0	0	0	E(72)	Commercial	None
R3	80	81	81	1	1	0	E(72)	Hotel	None[4]
R4	70	71	71	1	1	0	E(72)	Restaurant	None[4]
R5	72	73	73	1	1	0	E(72)	Commercial	None[4]
R6	68	69	68	1	0	-1	E(72)	Commercial	None[4]
R7	68	69	69	1	1	0	F	Industrial	None
R8	69	69	69	0	0	0	F	Industrial	None
R9	66	66	66	0	0	0	F	Industrial	None
R10	81	81	81	0	0	0	E(72)	Commercial	None[4]
R11	71	71	72	0	1	1	E(72)	Hotel	None[4]
R12	61	61	61	0	0	0	E(72)	Hotel/Restaurant	None

Receptor ID	Loudest-Hour Exterior Noise Levels, $Leq_{[h]}$ dBA – Existing	Loudest-Hour Exterior Noise Levels, $Leq_{[h]}$ dBA – 2045 No Build	Loudest-Hour Exterior Noise Levels, $Leq_{[h]}$ dBA – 2045 Build	Increase Over Existing, dBA – 2045 No Build	Increase Over Existing, dBA – 2045 Build	Increase Over No Build, dBA – 2045 Build	Activity Category (NAC)	Land Use	Impact[1]
R13	76	76	76	0	0	0	E(72)	Restaurant	None[4]
R14	60	60	59	0	-1	-1	E(72)	Hotel	None
R15	68	69	69	1	1	0	E(72)	Commercial	None[4]
R16	73	74	74	1	1	0	E(72)	Commercial	None[4]
R17	71	70	70	-1	-1	0	E(72)	Commercial	None[4]
R18	70	69	69	-1	-1	0	E(72)	Commercial/Restaurant	None[4]
R19	73	74	74	1	1	0	E(72)	Commercial	None[4]
R20	74	74	74	0	0	0	E(72)	Hotel	None[4]
R21	71	70	70	-1	-1	0	E(72)	Commercial	None[4]
R22	71	71	71	0	0	0	E(72)	Commercial	None[4]
R23	73	73	73	0	0	0	E(72)	Commercial	None[4]
R24	79	79	79	0	0	0	E(72)	Commercial	None[4]
R25	68	68	67	0	-1	-1	E(72)	Restaurant	None[4]
R26	67	68	68	1	1	0	F	Industrial	None[4]
R27	81	81	81	0	0	0	E(72)	Commercial	None[4]
R28	67	67	68	0	1	1	F	Industrial	None[4]
R29	80	81	81	1	1	0	F	Industrial	None[4]
R30	68	69	69	1	1	0	F	Industrial	None[4]

[1] Impact Type: S = Substantial Increase (12 dBA or more), A/E = Approach or Exceed NAC, None = Increase is less than 12 decibels and noise levels do not approach or exceed the NAC.
[2] As stated in the TeNS, modeling results are rounded to the nearest decibel before comparisons are made.
[3] S4 is located at the northern façade of the South San Francisco Conference Center. This location does not include any exterior noise sensitive land uses, so would be considered a Category D land use only. Exterior noise levels are presented in the table.
[4] These locations do not include any exterior noise sensitive land uses. Noise level data provided for informational purposes only.
[5] As part of the proposed action, the outdoor use area at S2 will be removed.

Table 2.3.7-6 Predicted Interior Noise Levels

Receptor ID	Loudest-Hour Exterior Noise Levels, $Leq_{[h]}$ dBA –Existing	Loudest-Hour Exterior Noise Levels, $Leq_{[h]}$ dBA – 2045 No Build	Loudest-Hour Exterior Noise Levels, $Leq_{[h]}$ dBA – 2045 Build	Increase Over Existing, dBA – 2045 No Build	Increase Over Existing, dBA – 2045 Build	Increase Over No Build, dBA – 2045 Build	Activity Category (NAC)	Land Use	Impact[1]
S4	72	72	72	47	Public Meeting Room	None	S4	72	72

[1] Impact Type: S = Substantial Increase (12 dBA or more), A/E = Approach or Exceed NAC, None = Increase is less than 12 decibels and noise levels do not approach or exceed the NAC.
[2] As stated in the TeNS, modeling results are rounded to the nearest decibel before comparisons are made.

Impacted receptors were identified by Activity Category and the number of impacted receptors is summarized to calculate reasonableness monetary allowances for feasible noise barriers that also meet the 7 dB noise reduction design goal. Noise levels discussed in this section are based on the model results, using loudest-case traffic conditions (in terms of noise generation) for the Existing, No Build, and Build scenarios.

Eight short-term measurement positions (S1 through S8) were used as modeling receptors in the vicinity of the Project alignment. In addition, there are thirty modeled receptor locations (R1 through R30). Receptors are shown in Figure 2.3.7-2.

Exterior Noise Levels in Category E and F Land Uses

As shown in Table 2.3.7-5, the loudest-hour noise levels at Category E land uses are predicted to range from 60 to 81 dBA Leq[h] under Existing conditions, from 60 to 81 dBA Leq[h] under 2045 No Build conditions, and from 59 to 81 dBA Leq[h] under 2045 Build conditions. The loudest-hour noise levels at Category F land uses are predicted to range from 66 to 80 dBA Leq[h] under Existing conditions, from 66 to 81 dBA Leq[h] under 2045 No Build conditions, and from 66 to 81 dBA Leq[h] under 2045 Build conditions. The 2045 Build traffic noise levels are predicted to approach or exceed the NAC at one Category E receptor along the US 101 and South Airport Boulevard (S3).

Noise levels would increase by up to 1 dBA over Existing conditions under 2045 No Build conditions. When compared to Existing conditions, changes in noise levels under 2045 Build conditions would range from -1 to +1 dBA at all but one receptor (S2). At Receptor S2, the Project would remove the existing building to the north (IHOP), the hotel reception area, the hotel outdoor pool facility, and the hotel's meeting and conference center, the project would extend Utah Avenue to the south of S2. Receptor S2 located at the existing outdoor use area that is planned to be removed under the Build condition.

Thus, none of the noise level increases that would result from the Project are considered substantial as they would be well below the Caltrans 12 dBA threshold.

Interior Noise Levels in Category D Land Uses

A noise impact would occur if, as a result of a proposed freeway project, noise levels approach or exceed 52 dBA Leq[h] in the interior of auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios. Based on FHWA Guidance, a typical Category D use structure would be anticipated to provide about 10 dBA of noise reduction from exterior noise sources with windows open, and 20 to 35 dBA of noise reduction with windows in the closed position, depending on the window and exterior wall construction. Therefore, Category D use structures that do not have forced air mechanical ventilation, to allow occupants to keep windows closed to control noise, could be anticipated to have interior noise levels approaching or exceeding 52 dBA Leq[h] with exterior exposures of 62 dBA Leq[h] or more. For structures with windows in the closed position, exterior noise levels of 72 to 87 dBA Leq[h] or less, depending on the acoustical construction of the structure, would result in acceptable interior noise levels. The noise level at the worst-case exterior façade of Category D land uses identified along the alignment is 72 dBA Leq[h] under 2045 Build conditions. Table 2.3.7-6 lists the loudest-hour interior noise level within the identified Category D land use.

Figure 2.3.7-2 Receptor Locations

One public meeting space is located in the Project area. South San Francisco Conference Center is located approximately 430 feet east of US 101 and is represented by Receptor S4. Interior noise levels at South San Francisco Conference Center would not approach or exceed 52 dBA Leq[h] with windows closed. The conference center is a large building of modern constriction and is anticipated to provide about 25 dB of exterior-to-interior noise reduction with windows closed. Based on a desktop review the South San Francisco Conference Center includes mechanical ventilation, allowing occupants the option of closing windows to control noise. As a result, noise levels inside the Conference Center are expected to be 47 dBA Leq[h] and are not anticipated to approach or exceed the NAC for Category D lad uses.

Construction Noise

Noise generated by Project-related construction activities would be a function of the noise levels generated by individual pieces of construction equipment, the type and amount of equipment operating at any given time, the timing and duration of construction activities, the proximity of nearby sensitive land uses, and the presence or lack of shielding at these sensitive land uses. Construction noise levels would vary on a day-to-day basis during each phase of construction depending on the specific task being completed.

Construction Phasing and Noise Levels

Project construction is anticipated to occur over a period of two years and would include grubbing/land cleaning, grading/excavation, drainage/utilities, paving, building demolition, and pile driving. Construction noise would primarily result from pile driving, the operation of heavy construction equipment, and arrival and departure of heavy-duty trucks.

Table 2.3.7-7 presents construction noise levels calculated for each major phase of the project at distances of 50 and 100 feet, based on calculations conducted in FHWA's Roadway Construction Noise Model (RCNM) using Project-specific construction information. This construction noise model includes representative sound levels for the most common types of construction equipment and the approximate usage factors of such equipment that were developed based on an extensive database of information gathered during the construction of the Central Artery/Tunnel Project in Boston, Massachusetts (CA/T Project or "Big Dig"). In some instances, maximum instantaneous noise levels are calculated to be slightly lower than hourly average noise levels. This occurs because the model reports the maximum instantaneous noise level generated by the loudest single piece of construction equipment, while reporting the hourly average noise levels resulting from the additive effect of multiple pieces of construction equipment operating simultaneously. Noise generated by construction equipment drops off at a rate of 6 dB per doubling of distance.

Table 2.3.7-7 Noise Levels by Construction Phase at 100 feet

Construction Type	Construction Phase	50-Foot Hourly Average Noise Level ($L_{eq[h]}$, dBA)	50-Foot Hourly Average Noise Level ($L_{eq[h]}$, dBA)	100-Foot Maximum Noise Level (L_{max}, dBA)	100-Foot Hourly Average Noise Level ($L_{eq[h]}$, dBA)
Roadway Construction	Grubbing/ Land Clearing	84	83	78	77
Roadway Construction	Grading/ Excavation	85	89	79	83
Roadway Construction	Drainage/ Utilities	85	88	79	82
Roadway Construction	Paving	84	84	78	78
Bridge/Structures Construction	Grubbing/ Land Clearing	84	83	78	77
Bridge/Structures Construction	Demolition	90	84	84	78
Bridge/Structures Construction	Grading/ Excavation	85	90	79	84
Bridge/Structures Construction	Pile Driving	101	94	95	88
Bridge/Structures Construction	Drainage/ Utilities	85	89	79	83
Bridge/Structures Construction	Paving	81	83	75	77

Construction Noise Impacts

Although the overall construction schedule is anticipated to occur over a period of two years, roadway construction activities typically occur for relatively short periods of time in any specific location as construction proceeds along the Project's alignment. Construction noise would mostly be of concern in areas where heavy construction would be concentrated for extended periods of time in areas adjacent to noise sensitive receptors, where noise levels from individual pieces of equipment are substantially higher than ambient conditions, or when construction activities would occur during noise-sensitive early morning, evening, or nighttime hours.

As indicated through comparison of Table 2.3.7-7, at 100 feet most construction phases would generate average noise levels that would exceed ambient daytime noise levels at adjacent land uses by 10 to 26 dBA Leq[h].

With the exception of short periods of pile driving, heavy demolition, and site preparation, construction noise levels would not be expected to exceed the quantitative noise limits established by Caltrans.

Operational Noise Impact Identification and Consideration of Abatement

Traffic noise impacts are considered to occur at receptor locations where predicted design-year noise levels are 12 dB or greater than existing noise levels, or where predicted design-year noise levels approach or exceed the NAC for the applicable activity category. Caltrans has defined the meaning of approaching the NAC to be 1 dBA below the NAC (e.g., 66 dBA is considered approaching the NAC for Activity Category B activity areas). Where traffic noise impacts are identified, noise abatement must be considered for reasonableness and feasibility as required by 23 CFR 772 and the Protocol.

Noise abatement is only considered where frequent human usage occurs and where a lowered noise level would be of benefit. Areas of frequent human usage are considered to occur at exterior locations where people are exposed to traffic noise for an extended period of time on a regular basis. Therefore, impacts are typically assessed at locations with defined outdoor activity areas, such as residential backyards, common exterior use areas, trails, pools, patios, and parks (e.g., playfields, playgrounds, or picnic tables). Other examples are outdoor seating areas at restaurants or outdoor use areas at hotels.

Caltrans policies and procedures for traffic noise analysis are contained in the Protocol and TeNS. The feasibility of noise abatement is an engineering consideration. According to the Protocol, abatement measures are considered acoustically feasible if a minimum noise reduction of 5 dB at impacted receptor locations is predicted with implementation of the abatement measures. Other factors that affect feasibility include topography, utility conflicts, and safety considerations.

Once all feasible noise abatement is identified, a procedure is conducted to assess the reasonableness of noise abatement. The determination of the reasonableness of noise abatement is more subjective than the determination of its feasibility. As defined in Section 772.5 of the regulation, reasonableness is the combination of social, economic, and environmental factors considered in the evaluation of a noise abatement measure. NSRs calculate the reasonable cost allowance for feasible noise barriers, but do not determine whether a feasible barrier would be reasonable.

The overall reasonableness of noise abatement is determined by the following three factors:

- The noise reduction design goal (a barrier must be predicted to provide at least 7 dB of noise reduction at one or more benefited receptors).
- The cost of noise abatement (2019 allowance of $107,000 per benefited receptor).
- The viewpoints of benefited receptors (including property owners and residents of the benefited receptors).

Caltrans' acoustical design goal is that a barrier must be predicted to provide at least 7 dB of noise reduction at one benefited receptor. This design goal applies to any receptor and is not limited to impacted receptors.

The Protocol defines the procedure for assessing reasonableness of noise barriers from a cost perspective. Cost considerations for determining noise abatement reasonableness are based on an allowance per benefitted receptor. This reasonable allowance maybe adjusted based on the most recent annual Construction Price Index. The annual price index for the fourth quarter of any year is usually posted by February of the following year. The base cost allowance for any 2019 reasonable/feasible analysis is $107,000 for each benefited receptor (i.e., receptors that receive at least 5 dB of noise reduction from a noise barrier). The cost allowance has not yet been updated for 2021. The total allowance for each barrier is calculated by multiplying the number of benefited receptors by $107,000.

Noise Abatement Analysis

Noise abatement is considered where noise impacts are predicted in areas of frequent human use that would benefit from a lowered noise level. Noise abatement must be predicted to provide at least a 5 dB minimum reduction at an impacted receptor to be considered feasible by Caltrans (i.e., the barrier would provide a noticeable noise reduction). Additionally, the Protocol's acoustical design goal states that the noise barrier must provide at least 7 dB of noise reduction at one or more benefited receptors. Noise abatement measures that provide noise reduction of more than 5 dB are encouraged, as long as they meet the reasonableness guidelines. According to 23 CFR 772(13)(c) and 772(15)(c), federal funding may be used for the following abatement measures:

- Construction of noise barriers, including acquisition of property rights, either within or outside the highway right-of-way.
- Traffic management measures including, but not limited to, traffic control devices and signing for prohibition of certain vehicle types, time-use restrictions for certain vehicle types, modified speed limits, and exclusive lane designations.
- Alteration of horizontal and vertical alignments.
- Acquisition of real property or interests therein (predominantly unimproved property) to serve as a buffer zone to preempt development, which would be adversely impacted by traffic noise.
- Noise insulation of Activity Category D land use facilities. Post-installation maintenance and operational costs for noise insulation are not eligible for Federal-aid funding.

Noise barriers were considered as noise abatement for exterior land uses in the Project area. The noise barrier evaluated has been evaluated for feasibility based on achievable noise reduction. The design of the noise barrier presented in this report is preliminary and has been conducted at a level appropriate for environmental review

but not for final design of the Project. A final decision on the construction of noise barriers will be made upon completion of the project design.

The preliminary noise barrier was evaluated at the most acoustically effective location outside of the State right-of-way and located on private property. Barrier analysis was performed in accordance with the Protocol for instances where noise levels at receptors located behind existing noise barriers approached or exceeded the NAC.

One new noise barrier was studied as potential noise abatement barrier as discussed in detail below. Once a noise barrier achieved the minimum of a 5 dB reduction at an impacted receptor and achieved the 7 dB noise reduction design goal for at least one receptor, the reasonable allowance was determined. The evaluated barrier location, as well as measured and modeled receptor locations, is depicted in Figure 2.3.7-3.

Construction Vibration Analysis

Heavy construction located within 22 feet of historic buildings and impact pile driving located within 100 feet would have the potential to exceed the 0.25 in/sec PPV threshold. As stated in section 2.2.10, the Golden Gate Produce Terminal (131 Terminal Court, South San Francisco, APN 015-113-210) was determined to be eligible for the National Register of Historical Places and is also considered a historic resource under CEQA. Consultation with the State Historic Preservation Officer with regard to this building was completed on September 13, 2022, with written receipt that SHPO had no objection to Caltrans' Finding of No Adverse Effect to the Golden Gate Produce Terminal (Appendix D).

Heavy construction located within 18 feet of older residential structures or within 12 feet of new residential and modern commercial/industrial structures and impact pile driving within 85 feet of older residential structures or within 55 feet of new residential and modern commercial/industrial structures would have the potential to exceed the 0.3 and 0.5 in/sec PPV thresholds, respectively. Vibration limits could potentially be exceeded during pile driving located adjacent to structures. Construction vibration limits are not anticipated to be exceeded during periods of construction not involving pile driving.

The construction vibration measures listed under PF-NOI-02 would reduce the potential for vibratory impacts to adjacent structures, such as the Golden Gate Produce Terminal.

2.3.7.4 Avoidance, Minimization, and/or Abatement Measures

The outdoor use area at the Best Western Plus, represented by Receptor S3, has been identified for noise abatement because 2045 Build noise levels would approach or exceed the NAC. This receptor is partially shielded by a fence reaching 5 feet in height.

Figure 2.3.7-3 Receptor Locations and Evaluated Noise Barrier

Evaluated Barrier 1 would begin at the north facade of the Best Western Hotel building, extending around the outdoor use area and concluding back at the north façade of the Best Western Hotel building. This barrier was assessed at heights of 5 and 6 feet, as measured above the pool deck. This barrier was considered for the impacted receptor located along South Airport Boulevard (S3, the Best Western outdoor use area). Receptor S3 is along the outdoor use area at 380 South Airport Boulevard, approximately 380 feet east of US 101. Table 2.3.7-8 shows the predicted 2045 Build noise levels and insertion loss for Evaluated Barrier 1 at various design heights.

Table 2.3.7-8 shows that Barrier 1 met the minimum acoustic requirements of achieving at least 7 dBA noise reduction at receptor S3. As stated above, the reasonable allowance calculated for the barrier is $107,000.

Preliminary Noise Abatement Decision and Recommendation

Barrier 1 would only protect a single receptor, the Best Western outdoor use area east of US 101. The cost estimate included the necessary staging and effort to add the barrier to the outdoor use area, and the total cost was estimated at approximately $167,440 as of November 2021, which would exceed the calculated total reasonable allowance of $107,000. Barrier 1 was therefore not preliminarily recommended because it would exceed the calculated reasonable estimate of $107,000.

The Draft EIR/EA was circulated for public review and comment, and a public meeting was conducted (refer to Chapter 4 for public input and review). No comments regarding noise were received during this review and public meeting. Based on the studies completed to date, and following public review and comment on the Draft EIR/EA, Caltrans does not intend to incorporate noise abatement for the project, because the barriers evaluated either did not meet acoustical feasibility or did not meet the reasonable allowance in accordance with Caltrans guidelines.

2.3.8 Energy

2.3.8.1 Regulatory Setting

NEPA (42 USC Part 4332) requires the identification of all potentially significant impacts to the environment, including energy impacts.

CEQA Guidelines section 15126.2(b) and CEQA's Appendix F, Energy Conservation, require an analysis of a project's energy use to determine if the project may result in significant environmental effects due to wasteful, inefficient, or unnecessary use of energy, or wasteful use of energy resources.

2.3.8.2 Affected Environment

This section summarizes the *Energy Analysis Report* prepared in March 2022 for the project (AECOM 2022c).

Table 2.3.7-8 Summary of Barrier Evaluation from Noise Study Report

Barrier ID	Approximate Stationing/ Location	Noise Level w/o Barrier at Benefited Receptors ($L_{eq[h]}$)	Barrier Height (feet)	Insertion Loss (dBA)	Acoustically Feasible?	Number of Benefited Receptors	Design Goal Achieved?	Total Reasonable Monetary Allowance
Barrier 1	Along the outdoor use area at 380 South Airport Boulevard	72	5	3	No	0	Yes	0
Barrier 1	Along the outdoor use area at 380 South Airport Boulevard	72	6	7	Yes	1	Yes	$107,000

Notes:

EP = edge of pavement
ROW = right-of-way line

The immediate project area is served only by a single undercrossing of US 101 at South Airport Boulevard, and congestion occurs at the intersections serving this undercrossing. Delays at these intersections result in higher energy use, especially if vehicles are using longer diversion routes.

The transportation sector is the top consumer of energy in California, comprising nearly 40 percent of energy consumption in 2018 (EIA 2018). The State of California relies on both nonrenewable and renewable energy sources. Nonrenewable energy resources used in California include petroleum, natural gas, and nuclear power; renewable energy resources include hydroelectric, biomass, wind, solar, and geothermal heat (heat given off by the Earth). A total of 36 percent of California's electricity comes from renewable sources, and 42 percent of that renewable energy comes from solar, the state's top renewable energy source. Fossil fuels have been the leading transportation fuels in the country and state. Gasoline is the most consumed fuel in California, at approximately 55.79 percent of total fossil fuel consumption for the state's transportation sector. Table 2.3.8-1 shows fossil fuel consumption in California for the transportation sector. The amount of fuel used is expressed by British Thermal Unit (Btu). A Btu is the amount of energy required to raise the temperature of 1 pound of water 1-degree Fahrenheit.

Table 2.3.8-1 Fossil Fuel Consumption in California for the Transportation Sector (2018)

Fuel Type	Trillion Btu	Percent of Total California Consumption
Natural Gas	44.8	1.42
Aviation Gasoline	2.2	0.07
Distillate Fuel Oil	483.8	15.30
HGL	0.7	0.02
Jet Fuel	684.8	21.65
Lubricants	13.2	0.42
Motor Gasoline	1,764.4	55.79
Residual Fuel Oil	168.8	5.34
Total	**3,162.7**	**100.00**

Source: EIA 2018

Alternatives to fossil fuels for transportation have helped decrease the dependence on gasoline and other fossil fuels. In addition to traditional petroleum fuels, California currently uses the following "alternative" fuels and energy sources:

- Compressed natural gas (CNG)
- Electric (EVC)
- Ethanol, 85 percent (E85)
- Hydrogen
- Liquefied natural gas (LNG)
- Liquefied petroleum gas (LPG)

2.3.8.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not lead to an increase in energy usage or otherwise affect energy usage in the project area.

Build Alternative

Direct Energy Impacts

Direct energy impacts were evaluated based on vehicle miles traveled (VMT) and construction-related emissions.

Vehicle Miles Traveled

Table 2.3.8-2 lists operational daily VMT in the TOAR study area in 2020 (Base Year), 2025 (Opening Year), and 2045 (Design Year).

Table 2.3.8-2 Study Area Operational Daily VMT

Project Alternatives	Daily VMT	Change from Base Year (Daily VMT)	% Change from Base Year	Change from No Build (Daily VMT)	% Change from No Build
2020 Base Year	1,117,915	—	—	—	—
2025 No Build	1,127,743	9,828	0.88%	—	—
2025 Build	1,126,771	8,856	0.79%	-972	-0.09%
2045 No Build	1,167,053	49,138	4.40%	—	—
2045 Build	1,166,514	48,599	4.35%	-539	-0.05%

Source: C/CAG-VTA Model, AECOM 2021

The TOAR found that daily VMT is anticipated to increase over time relative to the Base Year, regardless of the chosen alternative. Direct energy usage as a result of VMT is expected to increase over time correspondingly for the No Build and Build Alternatives. Comparing the growth in VMT for the No Build study years, the increase between the Base Year of 2020 and 2025 is about 0.88% (9,828 VMT), and the increase between the Base Year and 2045 is about 4.40% (49,138 VMT). These increases are without the project. When comparing the No Build to the Build Alternative, daily VMT would decrease with the project by 0.09 percent in 2025, and 0.05 percent in 2045.

Energy use factors were calculated as a statistical average to estimate fuel consumption in gallons per mile. To calculate and project the vehicle fuel used by the proposed project, the total VMT (in miles per day) for typical on-road vehicles and the total amount of vehicle fuel (in gallons per day) used in the Bay Area region were obtained from the CARB EMFAC2017 model. Aggregated model year and speed were used for the analysis. EMFAC2011 vehicle categories were used, as these are the latest categories available in CARB EMFAC2017.

Results from the model were calculated for the Base Year, 2025 Opening Year and the 2045 Design Year for both gasoline and diesel fuel types. The average gallons per mile was then calculated for each year and each fuel type. Table 2.3.8-3 shows the results of calculating the direct energy factors. Though the projected VMT appears to increase over the years, the total gallons consumed per day decrease, which is associated with better energy efficiency and standards that apply as older vehicles are replaced over time by increasingly more fuel-efficient cars and trucks.

Table 2.3.8-3 Direct Energy Factors for Energy Consumption

Condition	Fuel-Specific VMT (miles/Day)	Fuel Consumption (Gallons/Day)	Average Gal/Mile	% Share VMT
2020 Base Year – *Gasoline*	160,072,121.51	6,334,019.09	0.0396	93.22%
2025 Opening Year – *Gasoline*	165,408,573.25	5,653,255.92	0.0342	92.67%
2045 Design Year – *Gasoline*	187,133,077.19	4,985,132.81	0.0266	91.78%
2020 Base Year – *Diesel*	11,634,424.06	1,234,967.26	0.1061	6.78%
2025 Opening Year – *Diesel*	13,085,992.54	1,231,711.07	0.0941	7.33%
2045 Design Year – *Diesel*	16,752,299.19	1,256,414.43	0.0750	8.22%

Source: EMFAC2017

The average gallons per mile derived in Table 2.3.8-3 were multiplied by operational daily VMT to estimate direct energy consumption in gallons of gasoline and diesel consumed by vehicles for each analysis year. Diesel trucks were assumed to contribute to 6.78 percent of daily operational VMT for 2020, 7.33 percent for 2025, and 8.22 percent for 2045, based on EMFAC2017 projections of gasoline and diesel VMT for the Bay Area in those years (Table 2.3.8-3). Gasoline automobiles were assumed to contribute 93.22, 92.67, and 91.78 percent of daily operational VMT for 2020, 2025, and 2045, respectively. In order to convert to direct energy consumption in BTU, it is assumed that a gallon of gasoline has an energy content of 120,941 BTU, and a gallon of diesel has 137,320 BTU.

Table 2.3.8-4 shows that overall energy consumption is anticipated to decrease over time, relative to the Base Year, regardless of the chosen alternative. This is associated with better energy efficiency and standards, as stated above. Total energy consumption is similar for the Build and No Build Alternatives, with a slightly lower total energy consumption for the Build Alternative. The 0.09 percent (2025) and 0.05 percent (2045) decrease in total energy consumption for the Build Alternative is attributed to lower VMT for the Build Alternative, as reported by the TOAR.

Table 2.3.8-4 Operational Daily Fuel Consumption for the Study Area

Project Alternatives	Automobile Energy Consumption (Gallons of Gasoline)	Truck Energy Consumption (Gallons of Diesel)	Total Energy Consumption (100,000 Btu[1])	Change from Base Year (100,000 BTU)	% Change from Base Year	Change from No Build (100,000 Btu[1])	Percent Change from No Build (%)
2020 Base Year	41,238.35	8,040.39	60,915.15	-	-	-	-
2025 No Build	35,717.72	7,782.05	53,883.68	-7,031.46	-11.54	-	
2025 Build	35,686.94	7,775.34	53,837.24	-7,077.90	-11.62	-46.44	-0.09%
2045 No Build	28,535.22	7,191.80	44,386.56	-16,528.59	-27.13	-	
2045 Build	28,522.04	7,188.48	44,366.06	-16,549.09	-27.17	-20.50	-0.05%

Sources: AECOM 2021, EMFAC2017

Note:

[1] Assumes an energy content of 120,941 BTUs per gallon of gasoline and 137,320 BTUs per gallon of diesel.

Construction

Project construction would be a temporary commitment of energy, necessary for any infrastructure improvement project. Energy consumption during construction would be conserved and minimized to the maximum extent feasible. Energy conservation in construction activities is assumed, as the construction contractor would have a financial incentive and statutory mandate to minimize waste and externalities, respectively. Regulations that stipulate the reduction of energy-related externalities include CARB Title 13, Section 2485 of California Code of Regulations. This regulation limits the idling time of diesel construction equipment to five minutes.

Energy usage for construction was calculated based on the project-specific results of the RCEM, as reported in the project's Air Quality Report (Baseline 2022). The project would involve standard construction techniques and require large-scale construction equipment and labor-intensive activities. Project construction is anticipated to commence in 2025 and take approximately 18 months to complete. Emission factors for construction equipment for the project were based on OFFROAD2011 and EMFAC2017. Construction emissions were not apportioned by fuel type (i.e., diesel, gasoline). Therefore, this analysis assumes 100 percent diesel equipment would be used for construction (Caltrans 2021), with the exception of worker commute vehicles. The RCEM results were used to determine short-term energy usage for construction, by converting construction-related CO_2 emissions to gallons of diesel consumed, and subsequently converting gallons of diesel to BTUs.

Table 2.3.8-5 Construction CO_2 Emissions/Energy Usage

Emissions Scenario	CO_2 Emissions (Tons)	CO_2 Emissions (Metric Tonnes)	Fuel Consumed[2] (Gallons)	Energy Usage (100,000 BTU)
Build Alternative (Gasoline)	175.20	158.94	17,885.01	21,630.31
Build Alternative (Diesel)	2,420.68	2,196.00	215,717.17	296,222.82
Total	2,595.88	2,354.94	233,602.18	317,853.12

Notes:

1 Uses an adjustment factor of 1.0309.

2 10,180 grams of CO_2/gallon of diesel = 10.180 × 10-3 metric tons CO_2/gallon of diesel. 8,887 grams of CO_2/gallon of gasoline = 8.887 × 10-3 metric tons CO_2/gallon of gasoline.

The analysis of direct energy use for construction accounted for the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule: Part Two,[20] as the appropriate adjustment factors were applied to gasoline light duty vehicle emissions (i.e., worker commute vehicles) in the construction greenhouse gas analysis of the Air Quality Report (Baseline 2022). The SAFE-adjusted CO_2 emissions were converted to gallons of gasoline consumed by using the U.S. EPA conversion factor of 8,887 grams of CO_2 per gallon of gasoline consumed (U.S. EPA 2011). Other CO_2 emissions were converted to gallons of diesel

[20] U.S. EPA has repealed the SAFE Rule: Part 1 effective on January 28, 2022. CARB's off-model adjustments are still required for CO2 emissions from gasoline light duty Vehicles, which are regulated by SAFE Rule Part 2 (Final).

consumed by using the U.S. EPA conversion factor of 10,180 grams of CO_2 emissions per gallon of diesel consumed. Gallons of diesel consumed were then converted to energy usage in BTU, by the assumption that a gallon of gasoline has an energy content of 120,941 BTU, and a gallon of diesel has 137,320 BTU.

Through this analysis, it is anticipated that construction of the Build Alternative would require a one-time energy commitment of over 31 billion BTU.

Indirect Energy Impacts

Indirect energy use is primarily associated with project maintenance, such as fuel use by equipment for periodic maintenance of the system. Energy use from maintenance would be periodic and is expected to be minimal.

2.3.8.4 Avoidance, Minimization, and/or Mitigation Measures

Aside from construction BMPs listed in PF-AIR-02 of Table 1.6-1, no avoidance, minimization, or mitigation is proposed. The proposed project would not lead to impacts stemming from energy use. Therefore, no avoidance, minimization, or mitigation is required.

2.4 Biological Environment

2.4.1 Natural Communities

This section of the document discusses natural communities of concern. The focus of this section is on biological communities, not individual plant or animal species. This section also includes information on fish passage, wildlife corridors, and habitat fragmentation. Wildlife corridors are areas of habitat used by wildlife for seasonal or daily migration. Habitat fragmentation involves the potential for dividing sensitive habitat and thereby lessening its biological value.

Habitat areas that have been designated as critical habitat under the Federal Endangered Species Act are discussed below in Section 2.4.5, Threatened and Endangered Species. Wetlands and other waters are also discussed below in Section 2.4.2.

2.4.1.1 Affected Environment

This section is based on the *Natural Environment Study* prepared in November 2020 (AECOM 2020d).

The project area is in the San Francisco Bay Area, a floristic sub-region of the California Floristic Province's Central Western California region. The sub-region occupies the northern one-third of the Central Western California region and contains a diverse assemblage of plant communities and wildlife habitat types.

A biological study area (BSA) was established to evaluate the effects of the proposed project on natural communities and other biological resources. The biological study area (BSA) encompasses the project footprint plus a 50-foot buffer surrounding the project footprint. This area was surveyed in the field and evaluated for potential effects to natural resources from the proposed project. The project area boundary was established to encompass all areas that may be directly or indirectly affected by project construction activities, including construction staging and laydown.

Vegetation Communities

Vegetation within the project area consists primarily of previously disturbed areas; the majority of vegetated areas are landscaped areas within urban development and feature hydro-seeded or planted species. Although ruderal and non-native species have colonized these areas over time, native species were also observed. Aerial imagery indicates that portions of the BSA are periodically mowed, and that other areas on private property are subject to regular landscaping maintenance. The two dominant vegetation types in the BSA are ornamental vegetation and non-native ruderal vegetation.

Ornamental

The majority of the BSA is developed and is dominated by ornamental plantings consisting of introduced plant species used for landscaping purposes. The dominant species within this vegetation/land use type is pink sea fig (*Carpobrotus edulis*). Other dominant species include Bermuda grass (*Cynodon dactylon*), ornamental pines (Pinus sp.), eucalyptus (Eucalyptus sp.), and oleander (Nerium oleander). These vegetated upland areas provide minimal value as wildlife or native plant habitat.

Ruderal

Ruderal habitat is located along roadsides throughout the BSA and in open lots adjacent to landscaped areas. Ruderal habitats are made up of highly disturbed upland vegetation, characterized by weedy species. Within the BSA, black mustard (*Brassica nigra*), fennel (*Foenicum vulgare*), bromes (Bromus spp.), bull mallow (*Malva nicaeensis*) Jersey cudweed (*Pseudognaphalium luteoalbum*), wild oats (Avena spp.), wild lettuce (*Lactuca serriola*), horseweeds (Erigeron sp.), and escaped ornamentals were observed within ruderal areas.

Open Water

Colma Creek is located on the north side of the project footprint and runs under US 101. It is a tributary to the San Francisco Bay, and therefore serves as potential habitat to special-status fish species. Colma Creek is predominantly concrete lined within the BSA, where it functions as a flood control channel. Where Colma Creek crosses under San Mateo Avenue, the feature is lined with concrete, and lacks emergent wetland or upland vegetation. Where Colma Creek crosses Produce Avenue, US 101, and South Airport Boulevard, there is soil substrate lining the creek and banks, with glasswort and other wetland vegetation along the banks.

Colma Creek is considered an estuarine intertidal creek within the BSA on the east side of 101, and a nontidal perennial creek to the east (USFWS 2020b).

Wetlands and other waters of the U.S. are discussed further in Section 2.4.2.

Fish Passage and Essential Fish Habitat

Colma Creek contains no fish passage barriers between the BSA and the San Francisco Bay. Colma Creek is designated as Essential Fish Habitat (EFH) in three fishery management plans (FMPs): the Pacific Salmon FMP, the Pacific Groundfish FMP, and the Coastal Pelagic FMP. Additionally, San Francisco Bay is designated as an Estuarine Habitat Area of Particular Concern (HAPC) in those FMPs. HAPC are described in the regulations as subsets of EFH that are rare; particularly susceptible to human-induced degradation, especially ecology important; or located in an environmentally stressed area.

Section 2.4.5 provides additional information about special-status fish.

Wildlife Corridors

The BSA is unlikely to provide habitat for most vertebrate wildlife species because it primarily consists of hardscape or ruderal cover. Species that may use the BSA include disturbance-tolerant species, such as American crow (*Corvus brachyrhynchos*), house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), and Canada goose (*Branta canadensis*). Mammalian species dispersing or moving through the BSA would be primarily limited to raccoon (*Procyon lotor*) and eastern fox squirrel (*Sciurus niger*).

Trees

Trees observed in the project area consist of urban street trees and urban landscaping, including trees on private property and trees within the Caltrans (ROW) and city streets. Trees were surveyed if they met the parameters for the City of South San Francisco Tree Preservation Ordinance or the County of San Mateo Heritage and Significant Tree Ordinance. No trees protected by the County of San Mateo Heritage Tree Ordinance were observed. Trees covered under the City of South San Francisco Tree Preservation Ordinance include select non-native species with a dbh of 24 inches or greater and select native species with a dbh of 9.5 inches or greater and any other tree not included in the list, with a dbh of 15 inches or greater. This survey area corresponds to the maximum areas of construction for the project alternatives (project footprint) but did not include all trees in the BSA.

A total of 17 trees that met the parameters of the City of South San Francisco Tree Preservation Ordinance were mapped. The species and their diameters are provided in Table 2.4.1-1 and shown in Figures 2.4.1-1 and 2.4.1-2.

Table 2.4.1-1 Tree Survey Results

Scientific Name	Common Name	dbh (inches)
Pinus pinea	Italian stone pine	27.5
Pinus radiata	Monterey pine	19.5
Myoporum laetum	myoporum	26
Pinus radiata	Monterey pine	27
Cupressus macrocarpa	Monterey cypress	23
Searsia lancea	African sumac	17
Pinus radiata	Monterey pine	31
Cupressus macrocarpa	Monterey cypress	21.5
Eucalyptus globulus	blue gum eucalyptus	26, 34.5
Melaleuca quinquenervia	Paperbark	17
Cupressus macrocarpa	Monterey cypress	30.5
Acacia melanoxylon	blackwood acacia	22
Pinus radiata	Monterey pine	24
Acacia melanoxylon	blackwood acacia	20
Acacia melanoxylon	blackwood acacia	23
Cupressus macrocarpa	Monterey cypress	29
Cupressus macrocarpa	Monterey cypress	22

Figure 2.4.1-1 (1 of 2) Trees in the BSA Protected by the City of South San Francisco Tree Preservation Ordinance

Figure 2.4.1-2 (2 of 2) **Trees in the BSA Protected by the City of South San Francisco Tree Preservation Ordinance**

2.4.1.2 Environmental Consequences

No Build Alternative

The No Build Alternative would have no effect on natural communities.

Build Alternative

Vegetation Communities

Ornamental

The removal of ornamental vegetation as part of the Build Alternative is anticipated. The full extent of removal would be determined during the PS&E Phase of the project. PF-BIO-03 and 04, as described in Table 1.6-1, would restore affected sites and provide replacement vegetation, respectively. VIS-01 – 02 would also apply, and would further avoid or minimize adverse effects on ornamental vegetation.

Ruderal

Removal of ruderal vegetation as part of the Build Alternative is anticipated. As stated above, ruderal habitat is made up of highly disturbed upland vegetation, characterized by weedy species. Ruderal habitat within the BSA is likely to only be used by disturbance-tolerant species, as described above.

Open Water

No in-water work is planned for the project, and permanent impacts to Colma Creek are not anticipated. Temporary impacts to Colma Creek could result from staging and work areas adjacent to the creek. Stormwater runoff from the project site has the potential to increase turbidity in Colma which could adversely affect the quality of this resource. Accidental spills or runoff of materials used during construction (e.g., oils, transmission and hydraulic fluids, fuel) could potentially affect Colma Creek and sensitive resources downstream. PF-BIO-01, 11, and 12 would avoid or minimize the potential for temporary impacts to the open waters of Colma Creek, including EFH.

Fish Passage and Essential Fish Habitat

As stated above, no in-water work is planned for the project, and no bridge would be constructed over water. Potential adverse effects described under Open Water above would also apply to fish passage and essential fish habitat. Likewise, PF-BIO-01, 11, and 12 would avoid or minimize the potential for temporary impacts to fish passage and EFH.

Wildlife Corridors

Due to the urbanized nature of the BSA, permanent impacts to wildlife movement are not anticipated, and habitat fragmentation would not occur. Construction-related noise and light could result in temporary avoidance of the project area by common species; however, this impact would be minimal as the species are tolerant of disturbance. PF-BIO-01 – 3, 05, 07, 08, and 11 would avoid or minimize the potential for temporary impacts to wildlife movement.

Trees

The project would have direct and indirect permanent effects on trees through ground disturbance during construction or heavy pruning (over 30 percent of the canopy removed). Temporary effects on trees would include pruning of less than 30 percent of the canopy, removal of less than 25 percent of the roots (within the drip line of the tree), or soil compaction to less than 30 percent of the critical root zone. The majority of the trees fall within the Caltrans ROW. However, any trees that may be affected that fall within City or County ROWs may require a permit for pruning or removal.

As stated above, there are 17 trees within the BSA that meet the parameters of the City's Tree Preservation Ordinance. However, not all of these trees will necessarily be affected by the project; tree pruning and removals will be minimized to the extent feasible. Further, AMM BIO-03 and PF-BIO-04 and 08 would aid in the avoidance, minimization, and mitigation of adverse effects on trees in the project area.

2.4.1.3 Avoidance, Minimization, and/or Mitigation Measures

In addition to the applicable project features described above, Avoidance, Minimization, and Mitigation Measures are proposed to protect biological resources. AMMs BIO-01 – 03 would apply to Natural Communities, as follows:

BIO-01: Best Management Practices (BMPs). A water pollution control program (WPCP) and erosion control BMPs will be developed and implemented to minimize wind or water-related material discharges, in compliance with the requirements of the Regional Water Quality Control Board. The WPCP will provide measures to avoid and minimize stormwater and non-stormwater discharges; temporary construction BMPs will be used to the maximum extent necessary.

BIO-02: Vegetation Removal. Vegetation removal is limited to landscaped plants, and will be minimized to the greatest extent feasible. No clearing or grubbing will be permitted beyond designated construction sites. All cleared vegetation will be removed from the BSA to avoid attracting wildlife. The contractor will be responsible for obtaining all permits, licenses, and environmental clearances for properly disposing such materials.

BIO-03: Tree Removal. To minimize effects on trees that occur within the project footprint, the following minimization measures will be implemented:

- Only those trees requiring removal will be cut down.
- Whenever possible, trees will be trimmed rather than removed.

To avoid potential damage to retained trees, trees will be safeguarded during construction through implementation of the following measures as applicable:

- No construction equipment, vehicles, or materials will be stored, parked or staged within the tree dripline; and

- Work will not be performed within the dripline of remaining trees. If trees are damaged during construction and become unhealthy or die, the damaged tree(s) will be removed and replaced.

During final design, a landscaping plan would be developed by the project sponsor to identify the location and number of trees that would be replanted within the ROW. Trees that are removed will be replaced at a minimum 1:1 ratio if sufficient space and sight distance requirement allow for safe replacement.

2.4.2 Wetlands and Other Waters

2.4.2.1 Regulatory Setting

Wetlands and other waters are protected under a number of laws and regulations. At the federal level, the Federal Water Pollution Control Act, more commonly referred to as the Clean Water Act (CWA) (33 United States Code [USC] 1344), is the primary law regulating wetlands and surface waters. One purpose of the CWA is to regulate the discharge of dredged or fill material into waters of the U.S., including wetlands. Waters of the U.S. include navigable waters, interstate waters, territorial seas, and other waters that may be used in interstate or foreign commerce. The lateral limits of jurisdiction over non-tidal water bodies extend to the ordinary high water mark (OHWM), in the absence of adjacent wetlands. When adjacent wetlands are present, CWA jurisdiction extends beyond the OHWM to the limits of the adjacent wetlands. To classify wetlands for the purposes of the CWA, a three-parameter approach is used that includes the presence of hydrophytic (water-loving) vegetation, wetland hydrology, and hydric soils (soils formed during saturation/inundation). All three parameters must be present, under normal circumstances, for an area to be designated as a jurisdictional wetland under the CWA.

Section 404 of the CWA establishes a regulatory program that provides that discharge of dredged or fill material cannot be permitted if a practicable alternative exists that is less damaging to the aquatic environment or if the nation's waters would be significantly degraded. The Section 404 permit program is run by the U.S. Army Corps of Engineers (USACE) with oversight by the U.S. Environmental Protection Agency (U.S. EPA).

The USACE issues two types of 404 permits: General and Individual. There are two types of General permits: Regional and Nationwide. Regional permits are issued for a general category of activities when they are similar in nature and cause minimal environmental effect. Nationwide permits are issued to allow a variety of minor project activities with no more than minimal effects.

Ordinarily, projects that do not meet the criteria for a Regional or Nationwide Permit may be permitted under one of USACE's Individual permits. There are two types of Individual permits: Standard permits and Letters of Permission. For Individual permits, the USACE decision to approve is based on compliance with U.S. EPA's Section 404(b)(1) Guidelines (40 Code of Federal Regulations [CFR] Part 230), and whether permit approval is in the public interest. The Section 404 (b)(1) Guidelines (Guidelines) were developed by the U.S. EPA in conjunction with the USACE, and allow the discharge of dredged or fill material into the aquatic system (waters of the U.S.) only if there is no practicable alternative which would have less adverse effects. The Guidelines state that the USACE may not issue a permit if there is a "least

environmentally damaging practicable alternative" (LEDPA) to the proposed discharge that would have lesser effects on waters of the U.S., and not have any other significant adverse environmental consequences.

The Executive Order for the Protection of Wetlands (EO 11990) also regulates the activities of federal agencies with regard to wetlands. Essentially, EO 11990 states that a federal agency, such as FHWA and/or Caltrans, as assigned, cannot undertake or provide assistance for new construction located in wetlands unless the head of the agency finds: (1) that there is no practicable alternative to the construction and (2) the proposed project includes all practicable measures to minimize harm. A Wetlands Only Practicable Alternative Finding must be made.

At the state level, wetlands and waters are regulated primarily by the State Water Resources Control Board (SWRCB), the Regional Water Quality Control Boards (RWQCBs) and the California Department of Fish and Wildlife (CDFW). In certain circumstances, the Coastal Commission (or Bay Conservation and Development Commission or the Tahoe Regional Planning Agency) may also be involved. Sections 1600-1607 of the California Fish and Game Code require any agency that proposes a project that will substantially divert or obstruct the natural flow of or substantially change the bed or bank of a river, stream, or lake to notify CDFW before beginning construction. If CDFW determines that the project may substantially and adversely affect fish or wildlife resources, a Lake or Streambed Alteration Agreement will be required. CDFW jurisdictional limits are usually defined by the tops of the stream or lake banks, or the outer edge of riparian vegetation, whichever is wider. Wetlands under jurisdiction of the USACE may or may not be included in the area covered by a Streambed Alteration Agreement obtained from the CDFW.

The RWQCBs were established under the Porter-Cologne Water Quality Control Act to oversee water quality. Discharges under the Porter-Cologne Act are permitted by Waste Discharge Requirements (WDRs) and may be required even when the discharge is already permitted or exempt under the CWA. In compliance with Section 401 of the CWA, the RWQCBs also issue water quality certifications for activities which may result in a discharge to waters of the U.S. This is most frequently required in tandem with a Section 404 permit request. Please see the Water Quality section for more details.

2.4.2.2 Affected Environment

This section is based on the *Natural Environment Study* prepared in November 2020 (AECOM 2020d).

A preliminary wetland delineation was conducted in March 2018 to identify potentially jurisdictional wetlands and other waters of the U.S.

Approximately 0.07 acre of non-wetland but potentially jurisdictional waters of the U.S. (which includes open water) were delineated in Colma Creek. Colma Creek is predominantly concrete lined within the BSA, where it functions as a flood control channel. Where Colma Creek crosses under San Mateo Avenue, the feature is lined with concrete, and lacks emergent wetland or upland vegetation. Where Colma Creek crosses Produce

Avenue, US 101, and South Airport Boulevard, there is soil substrate lining the creek and banks, with glasswort and other wetland vegetation along the banks. Colma Creek is considered an estuarine intertidal creek within the BSA on the east side of US 101, and a nontidal perennial creek to the east (USFWS 2020b). The extent of waters of the U.S. upstream of Produce Avenue (in the concrete channel) is dictated by fluvial processes i.e., the ordinary high water mark (OHWM) caused by winter season runoff and streamflow is above the High Tide Line (HTL). Downstream of US 101, the extent of waters of the U.S. is dictated by the tidal regime; i.e., there is no evidence of an OHWM above the HTL.

Non-Jurisdictional Waters

One culvert was observed that drains a non-jurisdictional stormwater ditch. This drainage feature is an earthen channel lined with upland vegetation and drains a swale in a cloverleaf adjacent to Produce Avenue. This feature appears to drain under the road to the south into Colma Creek. Although the feature exhibited signs of hydrology (flow patterns), it did not meet the USACE wetlands criteria for vegetation or soils, and did not exhibit a defined bed and bank, and therefore does not qualify as a jurisdictional water of the United States. Storm water features that do not qualify as USACE jurisdictional may be regulated by CDFW and the RWQCB as waters of the State.

2.4.2.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not affect wetlands, other waters of the U.S., or potentially non-jurisdictional stormwater features (waters of the State).

Build Alternative

No in-water work is planned for the Build Alternative, and permanent impacts to Colma Creek and are not anticipated. The proposed overcrossing is over US 101, and no work would occur at the existing bridge over Colma Creek. Per PF-BIO-01 and AMM BIO-04, Colma Creek will be identified as an Environmentally Sensitive Area (ESA). Figure 2.4.2-1 below shows the ESA for Colma Creek. Impacts to the drainage at the culvert at the southbound off-ramp could result from staging and work areas adjacent to these features. Stormwater runoff from the project site has the potential to increase turbidity in Colma which could adversely affect the quality of this resource, but this risk will be avoided or minimized by its designation as an ESA. Accidental spills or runoff of materials used during construction (e.g., oils, transmission and hydraulic fluids, fuel) could potentially affect these features and sensitive resources downstream. PF-BIO-01, as shown in Table 1.6-1, would avoid or minimize the potential for temporary impacts to Colma Creek.

Because the only wetlands at the project site are confined to the well-defined channel at Colma Creek, and an ESA was established to avoid work at or in Colma Creek, formal coordination with the USACE was determined to be not necessary. A Wetlands Only Practicable Alternative Finding is not required because the only wetlands at or near the project are not impacted, and are further avoided by establishment of the ESA at Colma Creek.

Figure 2.4.2-1 Environmentally Sensitive Area

2.4.2.4 Avoidance, Minimization, and/or Mitigation Measures

BIO-4: ESA area at Colma Creek. The bed and banks of Colma Creek shall be identified in project plans as an environmentally sensitive area (ESA), where temporary and permanent work is prohibited. The ESA would be defined as the tops of the banks of Colma Creek, above the concrete-lined canal. No temporary lighting for construction would be implemented at Colma Creek due to the ESA.

AMM BIO-01 would minimize the potential for temporary impacts to the non-jurisdictional culvert identified above.

2.4.3 Animal Species

2.4.3.1 Regulatory Setting

Many state and federal laws regulate impacts to wildlife. The U.S. Fish and Wildlife Service (USFWS), the National Oceanic and Atmospheric Administration's National Marine Fisheries Service (NOAA Fisheries), and CDFW are responsible for implementing these laws. This section discusses potential impacts and permit requirements associated with animals not listed or proposed for listing under the federal or state Endangered Species Act. Species listed or proposed for listing as threatened or endangered are discussed in the Threatened and Endangered Species Section 2.4.4 below. All other special-status animal species are discussed here, including CDFW fully protected species and species of special concern, and USFWS or NOAA Fisheries candidate species.

Federal laws and regulations relevant to wildlife include the following:

- National Environmental Policy Act
- Migratory Bird Treaty Act
- Fish and Wildlife Coordination Act

State laws and regulations relevant to wildlife include the following:

- California Environmental Quality Act
- Sections 1600 – 1603 of the California Fish and Game Code
- Sections 4150 and 4152 of the California Fish and Game Code

2.4.3.2 Affected Environment

This section is based on the Natural Environment Study prepared in November 2020 (AECOM 2020d).

Two special-status animal species – American peregrine falcon (*Falco peregrinus* anatomy) and Alameda song sparrow (*Melospiza melodia pusillula*) – were determined to have limited potential to occur in the BSA. These species, their habitat requirements, and potential impacts of the project are discussed below.

American Peregrine Falcon

American peregrine falcon is a state fully protected species. It prefers nests on vertical structures that are close to aquatic features (CDFG 2008). This species is often found in urban areas, nesting in tall buildings, bridges, and other structures. Peregrine falcons will also forage from tall platforms (CDFG 2008).

Within the BSA, there are suitable tall buildings and other structures near aquatic features that could serve as nesting habitat or forage perches for American peregrine falcon. In 2014, there was an occurrence of an American peregrine falcon nest in the South San Francisco quadrat on the side of a hangar that used to be a common raven nest (CDFW 2020). This nest was no longer active in subsequent surveys. There is moderate potential for this species to nest in the BSA in the tall structures near aquatic features.

Alameda Song Sparrow

The Alameda song sparrow is a state species of special concern that nests in tidal marsh vegetation and adjacent weedy vegetation on levees. It is a permanent resident in salt marshes bordering the south arm of the San Francisco bay (Humple and Geupel 2004). In tidal slough habitats, it is associated with cordgrass, pickleweed, or gumweed (Grindelia spp.) (Humple and Geupel 2004). Breeding occurs from early-March to July.

There are two CNDDB occurrences of Alameda song sparrow from within one mile of the BSA, including an occurrence from 1947 close to the Bay, and an occurrence from 1940, from the vicinity of Colma Creek. These occurrences are likely extirpated due to the change in landscape. The most recent sighting is from 12 miles south of the BSA, from 2004, along the central portion of Corkscrew Slough on Bair Island. This species nests low in gumweed bushes (high enough to escape high tides) and in *Salicornia* spp., but it is unlikely to nest in the BSA because of the noise and human disturbance from close proximity to US 101. Alameda song sparrow has low or no potential to occur in the majority of the BSA because of the highly urbanized setting of the project area. Alameda song sparrow has a limited potential to occur in the wetlands along Colma Creek and overall a low potential to forage in the BSA.

Bat Species

Bat species have been observed to use transportation structures, such as bridges, to roost. There is one such structure adjacent to the project area – the South Airport Boulevard overcrossing bridge.

2.4.3.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not affect animal species. Potential effects from the Build Alternative are discussed below.

Build Alternative

American Peregrine Falcon

Effects on this species from traffic-related or project-generated sound and increased human presence are not anticipated and are considered discountable.

Alameda Song Sparrow

Potential habitat for the Alameda Song Sparrow is likely limited to saline emergent wetlands at San Bruno Canal, south of the project area. AMM BIO-04 would avoid or minimize such effects by establishing an ESA at Colma Creek. Therefore, effects on this species from traffic related project generated sound, increased human presence, and accidental spills are not anticipated and are considered discountable.

Bat Species

The project does not propose any modifications to transportation bridges or other structures, including the South Airport Boulevard overcrossing bridge. Therefore, no adverse effects on bat species are anticipated.

2.4.3.4 Avoidance, Minimization, and/or Mitigation Measures

AMM BIO-05 would avoid or minimize potential impacts to nesting American Peregrine Falcons and Alameda Song Sparrows during construction, as follows:

BIO-05: Preconstruction Nesting Bird Surveys. Tree removal or trimming will be conducted during the non-nesting period, between September 1 and January 31, to the maximum extent feasible. If vegetation trimming or tree removal cannot be completed prior to January 31 and must occur between February 1 and August 31, a qualified biologist(s) will survey for nesting birds, including raptors. The BSA will include the project footprint and a buffer approximately 300 feet beyond its boundaries. If active raptor nests are detected within 300 feet of an active construction site, or if active nests of other migratory birds are detected within 50 feet, the biological monitor will establish an appropriate non-disturbance buffer to avoid direct effects of construction-related disturbance. All nest avoidance requirements of the Migratory Bird Treaty Act and the California Fish and Game Code will be observed.

2.4.4 Threatened and Endangered Species

2.4.4.1 Regulatory Setting

The primary federal law protecting threatened and endangered species is the Federal Endangered Species Act (FESA): 16 United States Code (USC) Section 1531, et seq. See also 50 Code of Federal Regulations (CFR) Part 402. This act and later amendments provide for the conservation of endangered and threatened species and the ecosystems upon which they depend. Under Section 7 of this act, federal agencies, such as FHWA (and Caltrans, as assigned), are required to consult with USFWS and the National Oceanic and Atmospheric Administration's NOAA Fisheries to ensure that they are not undertaking, funding, permitting, or authorizing actions likely to jeopardize the continued existence of listed species or destroy or adversely modify designated critical habitat. Critical habitat is defined as geographic locations critical to the existence of a threatened or endangered species. The outcome of consultation under Section 7 may include a Biological Opinion with an Incidental Take Statement or a Letter of Concurrence. Section 3 of FESA defines take as "harass, harm, pursue, hunt, shoot, wound, kill, trap, capture or collect or any attempt at such conduct."

California has enacted a similar law at the state level, the California Endangered Species Act (CESA), California Fish and Game Code Section 2050, et seq. CESA emphasizes early consultation to avoid potential impacts to rare, endangered, and threatened species and to develop appropriate planning to offset project-caused losses of listed species populations and their essential habitats. CDFW is the agency responsible for implementing CESA. Section 2080 of the California Fish and Game Code prohibits “take” of any species determined to be an endangered species or a threatened species. Take is defined in Section 86 of the California Fish and Game Code as “hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill.” CESA allows for take incidental to otherwise lawful development projects; for these actions an incidental take permit is issued by CDFW. For species listed under both FESA and CESA requiring a Biological Opinion under Section 7 of FESA, the CDFW may also authorize impacts to CESA species by issuing a Consistency Determination under Section 2080.1 of the California Fish and Game Code.

Another federal law, the Magnuson-Stevens Fishery Conservation and Management Act of 1976, was established to conserve and manage fishery resources found off the coast, as well as anadromous species and Continental Shelf fishery resources of the United States, by exercising (A) sovereign rights for the purposes of exploring, exploiting, conserving, and managing all fish within the exclusive economic zone established by Presidential Proclamation 5030, dated March 10, 1983, and (B) exclusive fishery management authority beyond the exclusive economic zone over such anadromous species, Continental Shelf fishery resources, and fishery resources in special areas.

2.4.4.2 Affected Environment

This section is based on the *Natural Environment Study* prepared in November 2020 (AECOM 2020d).

North America green sturgeon southern Distinct Population Segment (DPS) (Acipenser medirostris) is the only threatened or endangered species with limited potential to occur in the BSA.

The North American green sturgeon southern DPS is listed as federally threatened (71 FR 14457-14466) and a state species of species concern. Green sturgeon are nocturnal benthic feeders, and in estuaries may feed on amphipods, shrimp, clams, or anchovies (Moyle et al. 1992). San Francisco Bay serves as an important habitat for all life stages of green sturgeon, as it supports rearing and serves as an important migratory/connectivity corridor between the Sacramento River system and nearshore coastal marine waters (Moyle et al. 1992). San Francisco Bay serves as an important habitat for all life stages of green sturgeon, as it supports rearing and serves as an important migratory/connectivity corridor between the Sacramento River system and nearshore coastal marine waters (Moyle et al. 1992).

Critical habitat for green sturgeon was designated on November 9, 2009 (74 FR 52300), and includes the Bay Estuary, and the drainages of the San Francisco Bay and the San Pablo Bay (including Colma Creek).

Sub-adult green sturgeon (4 to 15 years old) are known to range along the Pacific Coast and move into estuaries like the San Francisco Bay during periods of cold water upwelling off the coast, apparently to avoid the cold water (Moyle et al. 1992). During these periods, sub-adults may move into the Bay in unpredictable ways. Sub-adult green sturgeons may occupy the Bay and potentially the eastern edge of the BSA during summer months and may remain in the area for several months between May and October (Moyle et al. 1992). Juvenile green sturgeons move throughout the Delta and the San Francisco Bay during their first 3 to 4 years of life, before they move into the ocean as sub-adults (Moyle et al. 1992). During this early life stage, they may be found in the Bay throughout the year. Lower reaches of Colma Creek may be suitable for this species. There is no suitable spawning or rearing habitat in the BSA. Because of known life-history patterns, the species is assumed to have low potential to occur within the open-water portion of the BSA as a migrant.

2.4.4.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not affect threatened or endangered species. Potential effects from the Build Alternative are discussed below.

Build Alternative

No in-water work is planned for the project, and no noise or vibration from project activities is anticipated to affect green sturgeon in Colma Creek. Effects on green sturgeon from project activities would be limited to the potential for accidental spills entering aquatic habitat within the project footprint. Accidental spills or runoff of materials used during construction (e.g., oils, transmission and hydraulic fluids, fuel) could potentially affect aquatic habitat in Colma Creek, but this risk would be substantially avoided by the ESA designation at the creek. The adverse effects of pollutants on these aquatic features could include injury or mortality of green sturgeon downstream. The introduction of pollutants also may harm green sturgeon if the pollutants cause contaminated prey or lead to a reduction in prey abundance. No new barriers to dispersal for green sturgeon would occur. The planned activities are not anticipated to affect the long-term mobility of green sturgeon in the area. Therefore, indirect project effects on green sturgeon are not anticipated and are considered discountable. It is not anticipated that the proposed action would adversely affect green sturgeon Southern DPS or its critical habitat (a no effect finding for this species and its habitat).

2.4.4.4 Avoidance, Minimization, and/or Mitigation Measures

AMM BIO-01 would further reduce the potential for adverse impacts to green sturgeon Southern DPS during construction, as follows:

BIO-01: Best Management Practices (BMPs). A water pollution control program (WPCP) and erosion control BMPs will be developed and implemented to minimize wind or water-related material discharges, in compliance with the requirements of the Regional Water Quality Control Board. The WPCP will provide measures to avoid and minimize stormwater and non-stormwater discharges; temporary construction BMPs will be used to the maximum extent necessary.

2.4.5 Invasive Species

2.4.5.1 Regulatory Setting

On February 3, 1999, President William J. Clinton signed Executive Order (EO) 13112 requiring federal agencies to combat the introduction or spread of invasive species in the United States. The order defines invasive species as “any species, including its seeds, eggs, spores, or other biological material capable of propagating that species, that is not native to that ecosystem whose introduction does or is likely to cause economic or environmental harm or harm to human health.” FHWA guidance issued August 10, 1999, directs the use of the State’s invasive species list, maintained by the California Invasive Species Council to define the invasive species that must be considered as part of NEPA analysis for a proposed project.

2.4.5.2 Affected Environment

This section is based on the *Natural Environment Study* prepared in November 2020 (AECOM 2020d).

The BSA supports a number of non-native species. Some of these species are invasive (species that are not indigenous to the area where they are found and adversely affect the habitat in that area). Invasive species in the BSA are those designated as high risk by the California Invasive Plant Council (CAL-IPC). These species include pampas grass (*Cortaderia selloana*), English ivy (*Hedera helix*), and sweet fennel (*Foeniculum vulgare*). Small stands of sweet fennel are established along both sides of US 101. Many species in the BSA are non-native (but not invasive) and were planted in the State ROW.

2.4.5.3 Environmental Consequences

No Build Alternative

The No Build Alternative would not affect the environment through the introduction of invasive species.

Build Alternative

The intent of Executive Order 13112, Invasive Species, is “to prevent the introduction of invasive species and provide for their control and to minimize the economic, ecological, and human health impacts that invasive species cause.” As stated above, several invasive species were identified within the BSA. To reduce the likelihood of introduction of invasive species, soil and plant material from areas that support invasive species would not be disposed of in areas that support native vegetation. In addition, all fill material would be sourced from weed-free areas.

2.4.5.4 Avoidance, Minimization, and/or Mitigation Measures

No avoidance, minimization, or mitigation is required. PD-BIO-09, as described in Table 1.6-1, would provide controls for invasive plant species encountered during construction.

2.5 Cumulative Impacts

2.5.1 Regulatory Setting

Cumulative impacts are those that result from past, present, and reasonably foreseeable future actions, combined with the potential impacts of the proposed project. A cumulative effect assessment looks at the collective impacts posed by individual land use plans and projects. Cumulative impacts can result from individually minor but collectively substantial impacts taking place over a period of time.

Cumulative impacts to resources in the project area may result from residential, commercial, industrial, and highway development, as well as from agricultural development and the conversion to more intensive agricultural cultivation. These land use activities can degrade habitat and species diversity through consequences such as displacement and fragmentation of habitats and populations, alteration of hydrology, contamination, erosion, sedimentation, disruption of migration corridors, changes in water quality, and introduction or promotion of predators. They can also contribute to potential community impacts identified for the project, such as changes in community character, traffic patterns, housing availability, and employment.

CEQA Guidelines Section 15130 describes when a cumulative impact analysis is necessary and what elements are necessary for an adequate discussion of cumulative impacts. The definition of cumulative impacts under CEQA can be found in Section 15355 of the CEQA Guidelines. A definition of cumulative impacts under NEPA can be found in 40 CFR Section 1508.7.

2.5.2 Cumulative Impact Analysis

This cumulative impact analysis determines whether the Build Alternative, in combination with other past, present, or reasonably foreseeable projects, would result in a cumulative effect and, if so, whether the Build Alternative's contribution to the cumulative impact would be considerable. Present and reasonably foreseeable future projects include land use developments, infrastructure, and other transportation improvements that are planned and funded and would be near the proposed Build Alternatives' improvements.

Table 2.5.2-1 lists transportation corridor projects adjacent to the project area. These projects are in various stages of project development, from early conceptual planning and feasibility study to projects planned for approval.

Future planned land use developments within approximately 1 mile of the project area are described below in Table 2.5.2-2. The information in Table 2.5.2-2 was obtained from the City of South San Francisco's Development and Construction Map (City of South San Francisco 2021a).

Table 2.5.2-1 Current and Proposed Planned US 101 Transportation Projects in vicinity of the Project Area

Project Name/Description	Expenditure Authorization Number	County/City	Post Miles	Sponsor/Lead Agency	Status
US Highway 101 Managed Lanes North of I-380 Project	0W150	San Mateo/City of South San Francisco	19.2/26.1	SMCTA, Caltrans	Add new lane or convert existing lane in both directions for Managed Lane use (HOV or Express Lanes). Environmental studies and preliminary design ongoing.
US 101 Managed Lanes Project, south of I-380 to Santa Clara	04-1J560	San Mateo and Santa Clara Counties, Cities between Mountain View and South San Francisco	SM 101 0.0/21.8, SCL 101 50.6/52.6	SMCTA, Caltrans	Convert existing HOV lanes south of Whipple Avenue to Express Lanes, and add new express lanes in each direction between Whipple Avenue and I-380. Project is under construction with completion planned in 2022.
High Occupancy Vehicle (HOV) Lanes on US 101 and I-280	04-2Q970	City/County of San Francisco	SM 101 19.2/26.1, SF 101 0.0/2.0, SF 280 R4.2/ T7.26	SFCTA, Caltrans	Alternatives are being considered to add or convert a lane to create an HOV lane, through lane or shoulder conversion, widening, and possible new connectors.
US 101 Auxiliary Lanes from Sierra Point to San Francisco County Line	04-3G860	San Mateo/City of Brisbane	22.8/26.1	Caltrans	A preliminary study has considered adding northbound auxiliary lanes between Sierra Point Parkway and Candlestick Point off-ramp, and southbound between Candlestick Point on-ramp to Sierra Point Parkway off-ramp, and Sierra Point Parkway on-ramp to Oyster Point Boulevard off-ramp. This project may not be needed if the US 101 Managed Lanes North of I-380 project is advanced.
US 101/ Candlestick Interchange Reconfiguration	04-4A770	San Mateo, San Francisco/ City of Brisbane, City/County of SF	SM 101 25.1/26.1, SF 101 0.0/0.7	Caltrans	Two alternatives identified to remove existing northbound ramps at Harney Way (near SF County border) and add a compact interchange. The interchange would serve the Candlestick Point area. Project Study Report/Project Development Support document completed in 2014.

Table 2.5.2-2 Current and Proposed Planned Developments within One Mile of the Project Area

Project Name	Project Description	Location
Southline Development	Proposal for six office/R&D buildings ranging in heights up to seven stories and totaling approximately 2.7M square feet, development of a parking garage, below-grade parking, site amenities, open space, and landscaping on a 26-acre site.	30 Tanforan Avenue
410 Noor Avenue	3 to 5-story mixed-use used development with 338 residential units and below grade parking on a 4.53-acre site.	410 Noor Avenue
Safeway Shopping Center	1) Exterior modifications to the Safeway Shopping Center 2) New commercial buildings fronting El Camino Real	180 El Camino Real
1477 Huntington Avenue	Seven-story residential project containing 262 multi-family units, residential amenities, and open space uses on a 1.98-acre lot.	1477 Huntington Avenue
246 S. Spruce Avenue	Complete demolition and removal of an existing gas station and vehicle washing facility for a fully automated vehicle wash	246 S. Spruce Avenue
Marriott Fairfield Inn & Suites	5-story Hotel with 128 rooms on a 64,117-SF lot	127 West Harris Avenue
Sing Tao Newspapers	11,585-SF addition and exterior modifications to a newspaper and radio building.	215 Littlefield Avenue
124 Airport Boulevard and 100 Produce Avenue	A 7-story residential building with 294 apartments on a 2.56-acre site at 124 Airport Boulevard and a 7-story residential building with 186 apartments on a 1.56-acre site at 100 Produce Avenue.	124 Airport Boulevard and 100 Produce Avenue
40 Airport Boulevard	8-story residential project consisting of 292 units and two levels of parking on a 1.63-acre lot.	40 Airport Boulevard
7 S. Linden Avenue	A 5-story residential building with 445 apartments on a 4.22-acre site.	7 S. Linden Avenue
150 Airport Boulevard	5-story residential development consisting of 157 units with a 2-level parking garage	150 Airport Boulevard
Eden Housing	Proposed 82 senior BMR units with Ground Floor Commercial	199 Airport Boulevard/201 Baden Avenue
200 Airport Boulevard	7-story mixed-use building with 94 residential units, 3,650-SF of retail, and 2 levels of parking on a 0.55-acre lot.	200 Airport Boulevard

Project Name	Project Description	Location
201-219 Grand Avenue	5-story mixed-use development consisting of 46 apartments and approximately 6,000-SF of commercial space on a 20,198-SF lot	201-219 Grand Avenue
Caltrain Station Improvement Project	Project will realign the station to allow easier pedestrian access to downtown, as well as improve station safety and disabled access. An underpass and plaza will be constructed to allow pedestrians access from downtown to the newly renovated station and to the east side of US 101.	Southeast Corner of Grand Avenue and Airport Boulevard Intersection
121 East Grand Avenue	17-story Office/R&D building totaling 940,717 SF on a 2.91-acre site.	121 East Grand Avenue
Cadence – Phase 2	Second phase of Cadence development project, which is currently under construction. Phase 2 consists of a 7 to 8-story building with 195 residential units and amenity uses.	405 Cypress Avenue, 204, 208, 214, 216 Miller Avenue
Bertolucci's Redevelopment	Seven story mixed-use building with 1,500-SF restaurant, corner plaza, ground-floor parking, residential amenities, and 99 residential units on a 25,395-SF lot.	421 Cypress Avenue, 209 and 213 Lux Avenue
418 Linden Avenue	5 story residential development consisting of 38 apartments with mechanical parking lifts on a 14,000-SF lot	418 Linden Avenue
701 Airport Boulevard	5-story hotel with 131 rooms on a 20,239-SF lot.	701 Airport Boulevard
818-824 Linden Avenue	3-story mixed-use building with 7 rental units, 1,650 SF of commercial, and on-site parking.	818-824 Linden Avenue
616 Maple	3-story, 5 residential units with a level parking garage on a 10,500-SF lot.	616 Maple Avenue
423 Commercial Avenue	3-story residential project consisting of four rental townhomes on a 6,000-SF lot.	423 Commercial Avenue
428 – 432 Baden Avenue	4-story residential project consisting of 36 rental units on a 14,000-SF lot.	428 – 432 Baden Avenue
455-463 Grand Avenue	5-story mixed-use building with 27 rental units and 2,865-SF of retail on a 14,023-SF lot.	455 – 463 Grand Avenue
580 Dubuque Avenue	6-story Office/R&D building totaling 213,000-SF with four levels of underground parking	580 Dubuque Avenue

Project Name	Project Description	Location
651 Gateway Boulevard	Recladding and modernizing the exterior of an existing 17-story commercial building originally built in the 1980s that is part of the Gateway campus. Landscape upgrades and improvements are also proposed.	651 Gateway Boulevard
328 Roebling	Current Entitlement: Demo existing building (79,501 SF), and construct two Office/R&D buildings totaling 105,536 SF, and at grade and subterranean parking on a 2.97-acre site. Proposed Entitlement: Construct one Office/R&D building totaling approx. 130,000 SF and a three-level parking structure on a 2.97-acre site.	328 Roebling Road
East Grand Improvements	Installation of traffic signals at the East Grand Avenue/Allerton Avenue and East Grand Avenue/DNA Way intersections, high-visibility crosswalks, ADA curb ramps, median refuge islands and dedicated bicycle lanes as well as median improvements along East Grand Avenue between Allerton Avenue and Haskins Way.	East Grand Avenue
Auto-Chlor System Building	Construct a new 31,765-SF 2-story office and service center	465 Cabot Road

2.5.3 Resource Areas with no Contribution to Cumulative Effects

The resources considered in the cumulative effects analysis follow Caltrans' Eight Step Guidance for identifying and assessing cumulative impacts (Caltrans 2016). No cumulative effects are anticipated for the following resource areas (there would be no adverse effects from each of these individual resource areas; therefore, no incremental effects would be cumulatively considerable for these topic areas):

- Existing and future land use
- Consistency with state, regional, and local plans and programs
- Growth
- Community character and cohesion
- Environmental justice
- Community facilities and services
- Traffic and transportation/pedestrian and bicycle facilities
- Cultural resources
- Hydrology and floodplain
- Water Quality and storm water runoff
- Geology/Soils/Seismic/Topography
- Paleontology
- Hazardous waste/materials
- Air quality
- Noise and vibration
- Energy
- Natural communities
- Wetlands and other waters
- Plant species
- Animal species
- Threatened and endangered species
- Invasive species

2.5.4 Resources Considered for Contribution to Cumulative Effects

2.5.4.1 Visual/Aesthetics

The proposed project is anticipated to lead to changes to the aesthetics of the project area through the addition of the proposed overcrossing structure and support structures, and geometry modifications to the Utah Avenue/South Airport boulevard, Utah Avenue/San Mateo Avenue, and Airport Boulevard/Produce Avenue/San Mateo Avenue intersections.

As stated in Section 2.2.9.2, the landscape of the project area is characterized by commercial buildings, the adjacent San Francisco International Airport, and distant mountainous features. The land use within the project corridor is primarily urban commercial, with urban residential areas north, west, and south of the project area. In this section, the proposed project is evaluated relative to other projects and

developments in the immediate area, in order to assess the potential for cumulative impacts to the visual/aesthetics resource area.

The US Highway 101 Managed Lanes North of I-380 Project (SCH# 2021070395) proposes to add a managed lane in each direction of US 101 from the US 101/I-380 interchange in South San Francisco to the San Mateo/San Francisco county line. As a transportation project on US 101, the visual changes imparted by this project in the corridor would closely intersect with those of the proposed project. It would likely include new signage, a taller median barrier, and changes to the overall appearance of the roadway.

The projects and developments listed in Table 2.5.2-2 are primarily infill development to the east and west of US 101. Proposed land uses include research and development (R&D), mixed-use, residential, and commercial. In addition to private development, the Caltrain Station Improvement Project and East Grand Improvements are anticipated to construct improvements to city streets and other public infrastructure in the area. Although the proposed projects in the area are numerous, they are not anticipated to deviate from established visual character. As stated above, the area is characterized by commercial buildings, as well as the lines and form of US 101 and adjacent city streets. Views of scenic resources are limited in the project area, and it is not anticipated that the projects listed above would exacerbate any potential cumulative impacts to visual resources.

2.5.4.2 Relocations and Real Property Acquisition

As stated in Section 2.2.5, the proposed project is anticipated to require 2 full property acquisitions; partial property acquisitions from 10 properties; 14 temporary construction easements to accommodate new walkways, new overcrossing, roadway widening, and new driveway; one permanent easement (at an underground pipeline); and three aerial easements (to allow raising of overhead powerlines). The full property acquisitions would be the IHOP at 316 Airport Boulevard and the commercial building at 1404, 1416, and 1422 San Mateo Avenue.

Although the acquisitions that are anticipated as part of the Build Alternative would represent adverse effects, they are not anticipated to contribute to cumulative impacts. The US Highway 101 Managed Lanes North of I-380 Project is not expected to require any full property acquisitions within the project area, and the developments listed in Table 2.5.2-2 are primarily infill. The project area is anticipated to undergo notable changes with the proposed developments, but no adverse cumulative impacts from relocations and real property acquisition are foreseeable.

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Chapter 3 California Environmental Quality Act (CEQA) Evaluation

3.1 Determining Significance under CEQA

The proposed project is a joint project by the Caltrans and FHWA and is subject to state and federal environmental review requirements. Project documentation, therefore, has been prepared in compliance with both CEQA and NEPA. FHWA's responsibility for environmental review, consultation, and any other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by Caltrans pursuant to 23 United States Code Section 327 (23 USC 327) and the Memorandum of Understanding dated May 22, 2022, and executed by FHWA and Caltrans. Caltrans is the lead agency under CEQA and NEPA.

One of the primary differences between NEPA and CEQA is the way significance is determined. Under NEPA, significance is used to determine whether an Environmental Impact Statement (EIS), or a lower level of documentation, will be required. NEPA requires that an EIS be prepared when the proposed federal action (project) as a whole has the potential to "significantly affect the quality of the human environment." The determination of significance is based on context and intensity. Some impacts determined to be significant under CEQA may not be of sufficient magnitude to be determined significant under NEPA. Under NEPA, once a decision is made regarding the need for an EIS, it is the magnitude of the impact that is evaluated and no judgment of its individual significance is deemed important for the text. NEPA does not require that a determination of significant impacts be stated in the environmental documents.

CEQA, on the other hand, does require Caltrans to identify each "significant effect on the environment" resulting from the project and ways to mitigate each significant effect. If the project may have a significant effect on any environmental resource, then an Environmental Impact Report (EIR) must be prepared. Each and every significant effect on the environment must be disclosed in the EIR and mitigated if feasible. In addition, the CEQA Guidelines list a number of "mandatory findings of significance," which also require the preparation of an EIR. There are no types of actions under NEPA that parallel the findings of mandatory significance of CEQA. This chapter discusses the effects of this project and CEQA significance.

3.2 CEQA Environmental Checklist

This checklist identifies physical, biological, social, and economic factors that might be affected by the proposed project. The first column lists pertinent questions applicable to the resource, and the other four columns include the degree of impact for each of those questions. In many cases, technical studies performed in connection with the project indicate that there are no impacts to a particular resource. A "no impact" answer in the last column reflects this determination. The words "significant" and "significance" used throughout the checklist are related to CEQA impacts. The questions in this form are intended to encourage the thoughtful assessment of impacts and do not represent thresholds of significance. Significance determinations (e.g., no

impact, less than significant, potentially significant impact) are responded to for each of the CEQA checklist questions; a “yes” or “no” response is given for each significance determination column in each question row. A “yes” response indicates that this is the significance determination that applies for that question. A “no” response indicates that the significance determination in that column does not apply to that question.

Project features, which can include both design elements of the project, and standardized measures that are applied to all or most Caltrans projects such as best management practices (BMPs) and measures included in the Standard Plans and Specifications (Caltrans 2018) or as Standard Special Provisions, are considered to be an integral part of the project and have been considered prior to any significance determinations documented below; see Chapters 1 and 2 for a detailed discussion of these features. The annotations to this checklist are summaries of information contained in Chapter 2 to provide the reader with the rationale for significance determinations; for a more detailed discussion of the nature and extent of impacts, please see Chapter 2. This checklist incorporates by reference the information contained in Chapters 1 and 2.

3.2.1 Aesthetics

Except as provided in Public Resources Code Section 21099, would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?	No	No	Yes	No
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	No	No	Yes	No
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	No	No	Yes	No
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	No	No	Yes	No

3.2.1.1 CEQA Significance Determinations for Aesthetics

a) Have a substantial adverse effect on a scenic vista?

Less Than Significant Impact. As stated in Section 2.2.9, the landscape surrounding the project area is primarily urban commercial. The San Francisco Bay is east of the project area. However, the bay is not visible from US 101 or its immediately adjacent arterials/intersections. Views of Colma Creek, which runs through the project area, will not be altered by the Build Alternative. Additionally, US 101 within the project area is not designated a part of the California State Scenic Highway System but is a Classified Landscaped Freeway.

Views toward San Bruno Mountain from northbound US 101 may be partially obscured by the proposed overcrossing structure. However, due to the existing visual character and quality of the project area, and the relatively short time that viewers would be expected to view the project features, it is not anticipated that the project would have notable effects on any scenic vistas.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

Less Than Significant Impact. As aforementioned, US 101 within the project limits is not part of the State Scenic Highway system, but it is a Classified Landscaped Freeway. However, the project is not anticipated to damage any scenic resources. As

stated in section 2.2.10, there is one historic register-eligible property within the project area, but it is not anticipated that the project would affect the criteria for which it is eligible for historic status.

c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Less Than Significant Impact. The proposed project is in an urbanized area. As stated in Section 2.2.2, the project is generally compatible with all applicable State, regional, and local plans and programs. No incompatibilities have been identified with applicable regulations governing scenic quality in the project area.

d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. Nighttime construction activities could temporarily add new sources of light and glare for motorists, bicyclists, and pedestrians, as well as employees and customers of local businesses. Customers of the adjacent hotels and workers at the nearby businesses would be exposed to views of the project construction activities listed above. However, temporary visual impacts from project construction would be typical of any major corridor improvement project.

The proposed overcrossing structure would include new lighting, which would be finalized during the PS&E Phase. However, it is not anticipated that these elements would be a notable change to the existing lighting in the area.

3.2.2 Agriculture and Forest Resources

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and the forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

Would the project:	**Significant and Unavoidable Impact**	**Less than Significant with Mitigation Incorporated**	**Less than Significant Impact**	**No Impact**
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	No	No	No	Yes
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	No	No	No	Yes
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	No	No	No	Yes
d) Result in the loss of forest land or conversion of forest land to non-forest use?	No	No	No	Yes
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	No	No	No	Yes

3.2.2.1 CEQA Significance Determinations for Agriculture and Forest Resources

a) – e).

No Impact. As stated in Section 2.1, the project area does not contain any farmlands or timberlands. There are no parcels within the area under a Williamson Act contract, and no forest lands.

3.2.3 Air Quality

Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?	No	No	Yes	No
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	No	No	No	Yes
c) Expose sensitive receptors to substantial pollutant concentrations?	No	No	No	Yes
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	No	No	Yes	No

3.2.3.1 CEQA Significance Determinations for Air Quality

a) Conflict with or obstruct implementation of the applicable air quality plan?

No Impact. The project site is in the San Francisco Bay Area Air Basin and within the jurisdiction of Bay Area Air Quality Management District (BAAQMD) and the California Air Resources Board (CARB). The proposed project does not conflict with the BAAQMD 2017 Clean Air Plan. Furthermore, as stated in Section 4.3.5.1, the project was found not to be a project of air quality concern by MTC's Air Quality Conformity Task Force at their September 23, 2021 consultation meeting.

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

No Impact. The Build Alternative would not increase emissions of criteria air pollutants, or for other non-criteria pollutants that were evaluated, including MSATs and GHGs relative to baseline conditions. As shown in Table 2.3.6-4, the operational criteria air pollutant emissions are expected to decrease with the Build Alternative, relative to existing conditions. Emissions of criteria air pollutants, MSATs, and GHGs for both the Build and No Build Alternative would decrease in the opening year (2025), horizon year (2040), and design year (2045) compared to the existing year (2020), because federal and state vehicle emissions and fuel economy standards would reduce pollutant emissions over time.

c) Expose sensitive receptors to substantial pollutant concentrations?

No Impact. As stated in Section 2.3.6.2, no schools, hospitals, convalescent homes, or residences are located within 500 feet of the project. The area surrounding the proposed project is mostly for commercial use.

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less than Significant Impact. Temporary odors may be noticeable during construction if the Build Alternative is selected. However, the project would not increase long-term odors that are not already present in the project area. Additionally, temporary construction activities could generate fugitive dust from the operation of construction equipment. However, the project would conform to PF-AIR-01 – Construction Best Practices for Dust, which is based on BMPs from Mitigation Measure AQ-2 of the Final Program Environmental Impact Report Plan Bay Area 2050 (ABAG and MTC 2021c).

3.2.4 Biological Resources

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, or NOAA Fisheries?	No	No	Yes	No
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	No	No	No	Yes
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	No	No	No	Yes
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	No	No	Yes	No
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	No	No	Yes	No
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	No	No	No	Yes

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, or NOAA Fisheries?

Less than Significant Impact. No impacts on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW, USFWS, or NOAA Fisheries are anticipated. As stated in Section 2.4.3.2, two special-status animal species – American Peregrine Falcon and Alameda Song Sparrow were determined to have limited potential to occur in the BSA. However, due to their limited potential to occur within the area, no impacts are

anticipated. AMM BIO-05 – Preconstruction Nesting Bird Surveys – would further reduce the potential for any impacts to these species.

In addition to those species described above, one threatened or endangered species was found to have limited potential to occur in the BSA – the North America green sturgeon southern Distinct Population Segment (DPS). However, impacts to this species are not anticipated. There would be no work within the creek that this species has limited potential to occur in, and potential spill and runoff events would be controlled by PF-BIO-01 in Table 1.6-1, as well as AMM BIO-01.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

No Impact. As stated in Section 2.4.1, no impacts to natural communities within the project area are anticipated. Natural communities in the project area include ornamental and ruderal vegetation communities, open water and essential fish habitat in the form of Colma Creek, and trees. Based on the conclusions of Section 2.4.1.2, no adverse effects to any of these habitats are anticipated, and there would be no impact.

c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. Section 2.4.2 addresses wetlands and other waters in the BSA, including Colma Creek and one non-jurisdictional culvert. No in-water work is planned for the Build Alternative, and permanent impacts to Colma Creek and the non-jurisdictional culvert are not anticipated. Colma Creek will be identified as an ESA, with no work allowed. Accidental spills or runoff of materials used during construction (e.g., oils, transmission and hydraulic fluids, fuel) could potentially affect these features and sensitive resources downstream. The ESA designation and PF-BIO-01, as shown in Table 1.6-1, would avoid impacts to Colma Creek. Therefore, there would be no impact.

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Less than Significant Impact. As stated in Section 2.4.1.2, due to the urbanized nature of the BSA, permanent impacts to wildlife movement are not anticipated, and habitat fragmentation would not occur. Construction-related noise and light could result in temporary avoidance of the project area by common species; however, this impact would be minimal as the species are tolerant of disturbance. PF-BIO-01 – 3, 05, 07, 08, and 11 would avoid or minimize the potential for temporary impacts to wildlife movement.

The project is not anticipated to substantially impede the movement of any species. Therefore, this impact is anticipated to be less than significant.

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Less than Significant. As stated in Section 2.4.1, a total of 17 trees that met the parameters of the City of South San Francisco Protected Tree Ordinance were mapped.

The project would have direct and indirect permanent effects on trees through ground disturbance during construction or heavy pruning (over 30 percent of the canopy removed). Temporary effects on trees would include pruning of less than 30 percent of the canopy, removal of less than 25 percent of the roots (within the drip line of the tree), or soil compaction to less than 30 percent of the critical root zone.[21] The majority of the trees fall within the Caltrans ROW and a local ordinance permit is therefore not required. An encroachment permit typically covers temporary contractor work outside of the ROW and if a local permit is required for pruning or removal, the permit will be the responsibility of the contractor.

Removal or pruning shall be in accordance with ordinance guidelines, and necessary permits obtained prior to the start of construction. For heritage trees directly adjacent to the project site but not directly impacted, a tree protection plan would be implemented.

In accordance with avoidance and minimization measure BIO-03, a landscaping plan would be developed by the project sponsor during final design to identify the location and number of trees that would be replanted within the ROW. Trees that are removed will be replaced at a minimum 1:1 ratio if sufficient space and sight distance requirement allow for safe replacement.

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. The project is not anticipated to conflict with the provisions of any adopted Habitat Conservation Plans, Natural Community Conservation Plans, or other applicable plans. As stated above, impacts to biological resources are unlikely due to the highly developed nature of the project area, and the project controls that are assumed. Additionally, the project area is not within the plan area of the San Bruno Mountain Habitat Conservation Plan, as described in Section 2.2.2. Therefore, no impact is anticipated.

[21] The standard CRZ of a tree is the area corresponding to the drip line of the tree, or a distance from the tree trunk outwards calculated as 12 times the dbh of the tree [whichever is greater]).

3.2.5 Cultural Resources

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	No	No	Yes	No
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	No	No	No	Yes
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	No	No	No	Yes

3.2.5.1 CEQA Significance Determinations for Cultural Resources

a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?

Less than Significant Impact. As described in Section 2.2.10, the Golden Gate Produce Terminal is considered to be a historical resource for CEQA compliance and is eligible for the California Register of Historical Resources (CRHR) on the local level under Criterion 1. Caltrans has determined that the proposed work would have a Finding of No Adverse Effect on the portion of the property that has contributing elements to its status. Caltrans received concurrence from SHPO pursuant to 36 CFR 800.5(c) and Stipulation X.B.2 of the Section 106 PA with the Finding of No Adverse Effect (Section 2.2.10.3 and Appendix D).

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?

No Impact. It is unlikely that the project would affect any archaeological resources, as defined in Section 15064.5. Section 2.2.10 describes two shellmounds that are within the area of potential effects of the project. However, these resources have not been relocated and project activities are not anticipated to encounter submerged archaeology. AMM CUL-01 would further reduce the potential for impacts to archaeological resources during construction.

c) Disturb any human remains, including those interred outside of dedicated cemeteries?

No Impact. There are no formal cemeteries or known burial sites in the project area. Therefore, project construction is not expected to disturb any human remains. AMM CUL-01 would further reduce the potential for the disturbance of human remains and provides guidance in the event that any human remains are discovered during construction.

3.2.6 Energy

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	No	No	No	Yes
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	No	No	No	Yes

3.2.6.1 CEQA Significance Determinations for Energy

a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

No Impact. Project construction and maintenance would be a temporary commitment of energy, necessary for any infrastructure improvement project. Energy in the form of gas and diesel would be consumed during construction and ongoing maintenance activities by construction vehicles and equipment operating on site, trucks delivering equipment and supplies, and construction workers driving to and from the project site. Energy consumption during construction would be conserved and minimized to the maximum extent feasible. Energy conservation in construction activities is assumed because the construction contractor would have a financial incentive and statutory mandate to minimize waste and externalities.

As described in Section 2.3.8, the No Build Alternative would slightly reduce operational daily fuel consumption, and thus energy usage, by the Design Year of 2045.

For the reasons listed above, the project would not result in wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation. Therefore, there would be no impact.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

No Impact. The State of California Energy Action Plan and the Integrated Energy Policy Report regulate energy conservation throughout the state. The State of California Energy Action Plan was adopted to ensure adequate, reliable, and reasonably-priced electrical power and natural gas quantities through policies that are cost-effective and environmentally conscious for California's residents (CEC 2003). California policies influenced by the California Global Warming Solutions Act (AB 32), are demonstrated in the 2007 Integrated Energy Policy Report, which is updated

regularly to provide policy recommendations to meeting the State's energy demands while addressing carbon constraints (CEC 2017).

According to SB 100, the State is targeting 100 percent renewable or carbon-free energy usage by 2045. The CEC's Clean Transportation Program leverages public and private investments to support adoption of cleaner transportation powered by alternative and renewable fuels.

Additionally, the project falls under the jurisdiction of San Mateo County Energy and Water Strategy 2025. This adopted county-level plan sets out to ensure a safe, equitable, and coordinated transition toward clean energy and the One Water approach by leveraging new technologies, policy, funding resources, and opportunities for collaboration in San Mateo County (San Mateo 2019).

The Build Alternative would not conflict with any State or regional Energy Conservation Plans described above, because it would not cause wasteful, inefficient, or unnecessary consumption use of energy, or wasteful use of energy resources in the project area or region.

3.2.7 Geology and Soils

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	No	No	No	Yes
ii) Strong seismic ground shaking?	No	No	No	Yes
iii) Seismic-related ground failure, including liquefaction?	No	No	No	Yes
iv) Landslides?	No	No	No	Yes
b) Result in substantial soil erosion or the loss of topsoil?	No	No	No	Yes
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	No	No	No	Yes
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	No	No	No	Yes
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	No	No	No	Yes
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	No	No	No	Yes

3.2.7.1 CEQA Significance Determinations for Geology and Soils

a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map; ii) Strong seismic ground shaking?; iii) Seismic-related ground failure, including liquefaction?; or iv) Landslides?

No Impact. As stated in Section 2.3.3, it is not anticipated that the project would exacerbate existing geological conditions in the area. If the Build Alternative is

selected, geological conditions, as identified in the SPGR, would be considered in the final design of the proposed overcrossing structure and retaining walls.

b) Result in substantial soil erosion or the loss of topsoil?

No Impact. The project is not anticipated to cause substantial soil erosion or the loss of topsoil. As stated in Section 2.3.3, the project area is primarily artificial fill. Nonetheless, erosion control features would be included as part of the project through PF-BIO-10 and PF-WQ-01.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

No Impact. As stated in Section 2.3.3, the project area is primarily artificial fill, and landsliding, lateral spreading, subsistence, liquefication, and collapse are not anticipated based on site and subsurface conditions.

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

No Impact. The near surface fill described on the as-built log of test borings in the vicinity of the bridge west abutment are expected to have low expansion potential. The Bay Mud that underlies the fill has high shrink/swell potential with changes of moisture content. Regardless, the Build Alternative would be designed based on the recommendations of the SPGR, avoiding such risks. Therefore, no impact is anticipated.

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

No Impact. The proposed project would not involve incorporating septic tanks or other wastewater disposal systems. Therefore, there would be no impact.

f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

No Impact. As stated in Section 2.3.4.3, the potential for encountering intact, significant fossils is low. Although the sensitivity of the Colma Formation is ranked as Caltrans High or PFYC Class 3, the potential of exposing this formation during project implementation is low because of the type of proposed construction activities. Additionally, project feature PF-PAL-01 would be implemented as described in Table 1.6-1, to provide adequate awareness training to workers.

3.2.8 Greenhouse Gas Emissions

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	No	No	Yes	No
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	No	No	No	Yes

3.2.8.1 CEQA Significance Determinations for Greenhouse Gas Emissions

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less than Significant Impact. As stated in Section 3.3.3.2, project construction would result in a temporary increase in GHG emissions that would be offset by the long-term improvements in operational GHG emissions compared with existing conditions. Table 3.3.1-1 in Section 3.3.3.1 lists operational greenhouse gas emissions for existing (2020), opening year (2025), horizon year (2040), and design year (2045) scenarios. Furthermore, the contractor would be required to control and minimize construction emissions, such as maintenance of construction equipment and vehicles, limiting of construction vehicle idling time, and scheduling and routing of construction traffic to reduce engine emissions.

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less than Significant Impact. The project site is in the San Francisco Bay Area Air Basin and within the jurisdiction of Bay Area Air Quality Management District (BAAQMD) and the California Air Resources Board (CARB). The proposed project does not conflict with the BAAQMD 2017 Clean Air Plan, which addresses the reduction of GHG emissions. As stated above, the Build Alternative would reduce operational GHG emissions relative to both existing conditions and the No Build Alternative.

3.2.9 Hazards and Hazardous Materials

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	No	No	No	Yes
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	No	No	No	Yes
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	No	No	No	Yes
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	No	No	Yes	No
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	No	No	No	Yes
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	No	No	No	Yes
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	No	No	No	Yes

3.2.9.1 CEQA Significance Determinations for Hazards and Hazardous Materials

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

No Impact. The project would involve the transport, use, and disposal of hazardous materials used for construction of the project (e.g., fuels, paints, asphalt, and lubricants). Per Section 2.2.5, all applicable Federal, State, and local regulations would be adhered to, and this practice would reduce the potential for incidents involving hazardous materials. Therefore, the project is not anticipated to create a significant

hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials.

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

No Impact. As stated in Section 2.3.5, the 2020 ISA update identified potential risks with lead, PCBs and asbestos, but does not address potential contamination issues for specific existing structures as no structures or properties were entered or inspected at this preliminary stage of project development. Existing structures that will be demolished or modified would be investigated to reduce the potential for upset of hazardous materials. Additionally, hazardous materials will be used during construction (e.g., fuels, paints, asphalt, and lubricants).

The implementation of the project features for hazardous materials summarized in Table 1.6-1 would avoid and/or minimize impacts associated with hazardous materials. Therefore, there would be no impact involving the release of hazardous materials.

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

No Impact. There are no existing or proposed schools within 0.25-mile of the project area. Therefore, there would be no impacts.

d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less Than Significant Impact. The project area is not in a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962. However, as stated in Section 2.3.5, 16 sites with leaking underground storage tanks and one cleanup site were identified adjacent to the project area. All 17 sites identified in 2020 have been reported as closed. Additionally, the implementation of project features summarized in Table 1.6-1 would avoid and/or minimize impacts associated with hazardous materials. Therefore, impacts would be less than significant.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact. The project area is adjacent to San Francisco International Airport. As stated in Section 2.3.7, the project is not anticipated to cause excessive noise. Additionally, the project is not anticipated to cause any safety hazards for those residing or working in the project area.

f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

No Impact. The project would not impair the implementation or physically interfere with any such plans through long-term operations. During construction, a transportation management plan (TMP) would minimize any construction-related delays and would include coordination with California Highway Patrol and local law enforcement agencies. Access would be maintained for emergency response vehicles during construction. Therefore, there would be no impact.

g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

No Impact. The Build Alternative would not alter the alignment of US 101 or any firebreaks in the project area. Project construction and operation would not expose people or structures to significant risks involving wildland fires. Therefore, no impact is anticipated.

3.2.10 Hydrology and Water Quality

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	No	No	Yes	No
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	No	No	No	Yes
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: (i) result in substantial erosion or siltation on- or off-site;	No	No	Yes	No
(ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	No	No	Yes	No
(iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	No	No	Yes	No
(iv) impede or redirect flood flows?	No	No	Yes	No
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	No	No	Yes	No
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	No	No	No	Yes

3.2.10.1 CEQA Significance Determinations for Hydrology and Water Quality

a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Less Than Significant Impact. Temporary impacts to water quality are possible during project construction. As stated in Section 2.3.2.3, potentially sediment-laden flow can result from runoff over DSAs that enter storm drainage facilities or directly discharge into the receiving water bodies, increasing the turbidity, decreasing the clarity, and potentially impacting the beneficial uses of the receiving water bodies. However, BMPs would be employed to reduce the potential for degradation of surface or groundwater quality.

b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

No Impact. As stated in Section 2.3.2.3, the project area is highly urbanized, which limits areas of groundwater recharge. Long-term dewatering activities are not needed for the Project. Therefore, permanent impacts to the Westside Groundwater Basin are not anticipated.

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces.

Less Than Significant Impact. As stated in Section 2.3.1.3, the added amount of impervious area from the Build Alternative would be insignificant relative to the watershed that the project is located in. Therefore, the project is not anticipated to substantially alter the existing drainage pattern of the project area.

d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

Less Than Significant Impact. The proposed overcrossing structure is located in Zone AE, which represents areas that are subject to flooding by the 100-year flood event. As stated in Section 2.3.1.3, the added amount of impervious area from the Build Alternative would be insignificant relative to the watershed that the project is located in.

Abutment excavation and fill will be required for the bridge landing at both Utah Avenue and San Mateo Avenue. This would disturb the existing 100-year floodplain in this area. Bridge abutments will be designed to add similar quantities of cut and fill to the area to prevent permanent disturbances to the 100-year flood plain.

Hydraulic modeling will be done in the latter stages of design to ensure that there are no significant changes to the 100-year floodplain. Changes in the 100-year flood plain caused by added fill can potentially create new entry points for floods during storms to damage pre-existing structures.

Based on the above, the project would not impact the floodplain, and this impact is anticipated to be less than significant.

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

No Impact. The project is required to adhere to the Federal Clean Water Act (CWA), the State Porter-Cologne Water Quality Control Act, the policies of the State and Regional Water Quality Control Boards, and the other laws and regulations described in Section 2.3.2. Therefore, the project is not anticipated to conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

3.2.11 Land Use and Planning

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Physically divide an established community?	No	No	No	Yes
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	No	No	Yes	No

3.2.11.1 CEQA Significance Determinations for Land Use and Planning

a) Physically divide an established community?

No Impact. The project would not change the existing alignment of US 101 and would in fact bridge two sides of a community that is currently divided.

b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

Less Than Significant Impact. As stated in Section 2.2.2.2, the project would be generally consistent with all applicable State, Regional, and Local Plans and Programs. Additionally, the project would not conflict with the existing or planned land uses in the area.

3.2.12 Mineral Resources

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	No	No	No	Yes
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	No	No	No	Yes

3.2.12.1 CEQA Significance Determinations for Mineral Resources

a) and b) Result in the loss of availability of a mineral resource that would be of value to the region and residents of the state or locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. Project improvements would be limited to constructing a new overcrossing from Utah Avenue to San Mateo Avenue, and improvements to adjacent intersections. The project would not involve any activities that could result in the loss of availability of any known and/or locally important mineral resources.

3.2.13 Noise

Would the project result in:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	No	No	Yes	No
b) Generation of excessive groundborne vibration or groundborne noise levels?	No	No	Yes	No
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	No	No	No	Yes

3.2.13.1 CEQA Significance Determinations for Noise

a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

No Impact. As stated in Section 2.3.7.3, one potential barrier location was identified and studied for noise abatement. However, a preliminary decision was made that the studied barrier would not be reasonable to construct. The final decision on this determination is subject to change up until the final design phase, following public review and consideration of comments.

Short-term noise levels would result from construction methods such as pile driving, which would be temporarily higher than existing ambient noise levels. However, these construction noises would be short-term and intermittent.

b) Generation of excessive groundborne vibration or groundborne noise levels?

Less than Significant Impact. As stated in section 2.3.7, vibration limits could potentially be exceeded during pile driving located adjacent to structures. Construction vibration limits are not anticipated to be exceeded during periods of construction not involving pile driving. PF-NOI-02 would reduce the potential for vibratory impacts to adjacent structures.

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. The project area is near the San Francisco International Airport, but would not create new aviation hazards. As stated in Section 2.3.7, the project is not anticipated to cause excessive noise. Additionally, the project is not anticipated to cause any safety hazards for those residing or working in the project area.

3.2.14 Population and Housing

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	No	No	No	Yes
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	No	No	No	Yes

3.2.14.1 CEQA Significance Determinations for Population and Housing

a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less than Significant. As stated in Section 2.3.2.2, the Build Alternative would change access to several business properties but would not provide any access to previously inaccessible parcels or remove access to any properties. The Build Alternative would facilitate the movement of trucks bound for the industrial and warehouse properties west of US 101 and the freeway. It would allow trucks to use the overcrossing and reserve the South Airport Boulevard undercrossing for passenger cars and trucks. It would also provide a direct bicycle and pedestrian connection from the residential core west of US 101 to the businesses, visitor services, and bay recreation east of US 101.

The Build Alternative would require changes to the land use designations at the properties that cannot be avoided and would be acquired to build the proposed overcrossing. These properties are the IHOP restaurant and a commercial warehouse that serves a moving company and two private sports facilities.

However, the Build Alternative does not contain elements that would influence the type or location of growth beyond what is already planned. Additionally, none of the above changes would induce unplanned population growth in the area. Therefore, the impact is anticipated to be less than significant.

b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact. As stated in Section 2.2.4.2, the Build Alternative would not change the distribution of existing or planned housing. There is no existing housing in the proposed project area. The project would not physically divide a residential community or affect residential community cohesion.

3.2.15 Public Services

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	**Significant and Unavoidable Impact**	**Less than Significant with Mitigation Incorporated**	**Less than Significant Impact**	**No Impact**
i) Fire protection?	No	No	No	Yes
ii) Police protection?	No	No	No	Yes
iii) Schools?	No	No	No	Yes
iv) Parks?	No	No	No	Yes
v) Other public facilities?	No	No	No	Yes

3.2.15.1 CEQA Significance Determinations for Public Services

a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

i) Fire protection?

ii) Police protection?

iii) Schools?

iv) Parks?

v) Other public facilities?

No Impact. The project would not involve the construction of any infrastructure or developments that would increase the local population, thereby necessitating the provision of new or physically altered governmental facilities. As stated in Section 2.2.3.2, the Build Alternative does not contain elements that would influence the type or location of growth beyond what is already planned. During project construction, temporary impacts to traffic are possible due to necessary lane closures and detours. However, as stated in Sections 1.5 and 2.2.7.2, a TMP would be developed during final design, which would reduce or eliminate temporary effects on emergency services.

3.2.16 Recreation

	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	No	No	No	Yes
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	No	No	No	Yes

3.2.16.1 CEQA Significance Determinations for Recreation

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

Less Than Significant Impact. As stated in Section 2.2.1.1, the land bordering Colma Creek is designated as recreation (City of South San Francisco 2015a), and the closest existing recreational trail to the project area is the current San Francisco Bay Trail spur that runs west along the San Bruno Canal before heading south along Airport Boulevard. However, the project is not anticipated to impact the land bordering Colma Creek, the Bay Trail, or any other parks or recreational facilities.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

No Impact. The project would not include the construction of new recreational facilities or require construction or expansion of recreational facilities that would generate an adverse physical effect on the environment.

3.2.17 Transportation

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	No	No	Yes	No
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	No	No	Yes	No
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	No	No	No	Yes
d) Result in inadequate emergency access?	No	No	No	Yes

3.2.17.1 CEQA Significance Determinations for Transportation

Section 2.2.8 describes the existing traffic conditions, and evaluates the No Build and Build Alternatives with respect to traffic operations including level of service, delay, and queuing. Parking, bicycle, and pedestrian facilities are also discussed. This section uses the No Build Alternative as the CEQA baseline.

a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Less Than Significant Impact. As stated in Section 2.2.2, the project is generally consistent with all applicable State, regional, and local plans and programs, including transportation plans and programs. The project is included in *Plan Bay Area 2050*, the regional transportation plan (RTP) and sustainable community strategy (SCS) for the nine-county San Francisco Bay Area (Association of Bay Area Governments [ABAG] and Metropolitan Transportation Commission [MTC] 2021; RTP ID 21-T06-027). This plan identifies the Produce Avenue Interchange as a priority highway and arterial improvement. The project is also included in the City of South San Francisco's *Fiscal Years 2021-2022 Capital Improvement Program* (US-101 Produce Avenue Interchange [TIF#39]). This project includes "constructing a new overcrossing connecting Utah Avenue …to San Mateo Avenue…" that "will improve access between 101 and Produce Avenue and Airport Boulevard" (City of South San Francisco 2020b).

The South San Francisco General Plan includes a policy to maintain LOS D or better on arterial and collector streets, at intersections, and on principal arterials during peak hours. In future years, both the No Build and Build Alternatives would result in intersections that do not achieve LOS D or better, due to increases in traffic. With the Build Alternative, some intersections are measurably improved but there are intersections along northbound South Airport Boulevard and at the new Utah Avenue

intersections where individual turning movement delays and queuing will increase with the Build Alternative compared to No Build. At the intersection of the US 101 northbound off-/on-ramps/ South Airport Boulevard (intersection #10), a right-turn overlap phase will be provided for the eastbound approach to facilitate the efficient movement of right-turning vehicles from the US 101 northbound off-ramp. This phase would overlap with the northbound left-turn movement, thereby using the northbound left turn's green time as well. The City will evaluate and adjust signal timing/phasing. A No U-Turn sign for the northbound approach will need to be installed by the City with this overlap. This is per project feature PF-TRA-02.

As noted in Section 2.2.8.3, the project will add improvements to bike and pedestrian facilities, improving accessibility and connectivity between both sides of US 101. The project will however prohibit on-street parking (on both sides/both directions of San Mateo Avenue), and off-street parking at some local (private) business parking lots. Off-street parking is available at the private businesses on San Mateo Avenue. The removal of the street parking is needed to accommodate an additional travel lane and bicycle lanes on San Mateo Avenue.

b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

Less than Significant. SB 743 (2013) requires the Governor's Office of Planning and Research to identify new metrics for identifying and mitigating transportation impacts under CEQA. Under SB 743, CEQA Guidelines Section 15064.3(b) was revised to identify VMT as the most appropriate measure of assessing transportation impacts.

As stated in Section 2.3.8.3, A VMT analysis consisted of an initial screening of project type against Caltrans Transportation Analysis criteria regarding whether a project is likely to induce travel. An applicable screening criteria includes the added roadway capacity on local or collector streets provided the project also substantially improves conditions for pedestrians, cyclists, and, if applicable, transit. The proposed overcrossing would connect two minor arterials, and is expected to carry considerably less volume (6,660 vehicles/day in year 2045) indicating the overcrossing would function at a traffic volume characteristic of a collector street. New bike and pedestrian facilities will be provided and/or improved as summarized in the project description. Based on meeting these criteria the project would not conflict or be inconsistent with CEQA Guidelines Section 15065.3, Subdivision (b).

c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

No Impact. The project would not alter the alignment of US 101. The project would construct a new overcrossing from Utah Avenue westerly to San Mateo Avenue. However, compliance with all applicable geometric design standards is mandatory and assumed for the Build Alternative. Therefore, no impact is anticipated.

d) Result in inadequate emergency access?

No Impact. Temporary impacts to traffic are possible during construction. However, as stated in Sections 1.5.1 and 2.2.7.2, a TMP would be developed during final design, which would reduce or eliminate temporary effects on emergency services. The TMP would include coordination with CHP, local law enforcement, and other emergency responders.

3.2.18 Tribal Cultural Resources

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:	**Significant and Unavoidable Impact**	**Less than Significant with Mitigation Incorporated**	**Less than Significant Impact**	**No Impact**
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	No	No	No	Yes
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	No	No	No	Yes

3.2.18.1 CEQA Significance Determinations for Tribal Cultural Resources

a) and b) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

No Impact. As stated in Section 2.2.10.2, the Native American Heritage Commission (NAHC) was contacted in December 2017, briefly describing the proposed project, attaching a map showing the APE, and asking the Commission to review its Sacred Lands File (SLF) for any Native American cultural resources that potentially could be affected by the proposed project. A request also was made for the CEQA Tribal Consultation List, which includes the names of Native Americans who may have information or concerns about the APE and have requested notice about projects from CEQA lead agencies. Frank Lienert replied in an email dated January 4, 2018, stating that a review of the SLF was completed for the APE with “negative results.” Mr. Lienert also provided a list of Native American contacts. AECOM followed up with these contacts, but no tribal cultural resources were identified through this effort.

Additional background research and literature reviews conducted for the project identified two previously recorded prehistoric archaeological sites in the project area.

However, as stated in Section 2.2.10.3, project activities are not anticipated to encounter submerged archaeology.

Furthermore, AMM CUL-01 would reduce the potential for impacts to tribal cultural resources during construction. Based on the consultation and research listed above, as well as the AMM, no impact is anticipated.

3.2.19 Utilities and Service Systems

Would the project:	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	No	No	Yes	No
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	No	No	No	Yes
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	No	No	No	Yes
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals??	No	No	No	Yes
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	No	No	No	Yes

3.2.19.1 CEQA Significance Determinations for Utilities and Service Systems

a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Less Than Significant Impact. The project would require some utility relocations. There are three pairs of existing 115 kilovolt (KV) overhead electrical lines that are parallel to, and approximately 200 feet east of, the northbound US 101 freeway. Because South Airport Boulevard would be elevated to conform to the proposed new US 101/Produce Avenue overcrossing, the overhead lines would be raised by PG&E to maintain the required clearance above these local roadways. The relocation of utilities would result in localized construction impacts. However, coordination and possible temporary measures to maintain service.

b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

No Impact. The project would not include new development or uses that would require water supplies. Therefore, there would be no impact.

c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

No Impact. The project would not generate new wastewater flows or affect public utilities for wastewater treatment. Therefore, there would be no impact.

d) and e) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals; and comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

No Impact. The project would not generate solid waste, other than during construction. Construction BMPs would ensure that waste generation does not exceed State or local standards, the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals. The project would also comply with all federal, state, and local statutes and regulations related to solid waste. Therefore, there would be no impact.

3.2.20 Wildfire

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:	**Significant and Unavoidable Impact**	**Less than Significant with Mitigation Incorporated**	**Less than Significant Impact**	**No Impact**
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	No	No	No	Yes
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	No	No	No	Yes
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	No	No	No	Yes
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	No	No	No	Yes

3.2.20.1 CEQA Significance Determinations for Wildfire

SB 1241 required the Office of Planning and Research, the Natural Resources Agency, and the California Department of Forestry and Fire Protection to develop amendments to the “CEQA Checklist” for the inclusion of questions related to fire hazard impacts for projects on lands classified as very high fire hazard severity zones. The 2018 updates to the CEQA Guidelines expanded this to include projects “near” these very high fire hazard severity zones.

a) Substantially impair an adopted emergency response plan or emergency evacuation plan?

No Impact. The project would not impair the implementation or physically interfere with any such plans through long-term operations. During construction, a transportation management plan (TMP) would minimize any construction-related delays and would include coordination with California Highway Patrol and local law enforcement agencies. Access would be maintained for emergency response vehicles during construction. Therefore, there would be no impact.

b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

No Impact. The project is not in a fire hazard severity zone, and furthermore would not alter the alignment of US 101. Project features for minimizing fire risks would be incorporated, such as clearing vegetation from the work area; prohibiting the use of highly flammable chemicals; following locally changing meteorological conditions; and maintaining awareness of the possibility of increased fire danger during the time work is in progress (see Table 1.6-1). All project construction would follow state and federal fire regulations. Therefore, the project is not expected to exacerbate wildfire risks or expose project personnel to pollutants from a wildfire or the uncontrolled spread of a wildfire.

c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

No Impact. The project would require some utility relocations. There are three pairs of existing 115 kilovolt (KV) overhead electrical lines that are parallel to, and approximately 200 feet east of, the northbound US 101 freeway. Because South Airport Boulevard would be elevated to conform to the proposed new US 101/Produce Avenue overcrossing, the overhead lines would be raised by PG&E to maintain the required clearance above these local roadways. As stated above, project features for minimizing fire risks would be incorporated. Therefore, the project is not expected to exacerbate wildfire risks or expose project personnel to pollutants from a wildfire or the uncontrolled spread of a wildfire.

d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

No Impact. No recent fires have occurred in the project vicinity that could result in post-fire slope instability or drainage changes. Furthermore, the project limits are in a relatively flat area with little to no slopes. The implementation of standard Caltrans practices for erosion control and other measures would avoid or minimize the project's potential to result in downslope or downstream flooding or landslides. These measures are incorporated into the project design as a matter of Caltrans practice and are not mitigation. Therefore, the proposed project would not expose the public to a risk of post-fire slope instability or drainage changes.

3.2.21 Mandatory Findings of Significance

	Significant and Unavoidable Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	No	No	Yes	No
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	No	No	No	Yes
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	No	No	No	Yes

3.2.21.1 CEQA Significance Determinations for Mandatory Findings of Significance

a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Less Than Significant Impact. As stated above in the previous CEQA Checklist items, the proposed project is not anticipated to lead to significant impacts to the environment, including biological resources such as habitat, plant, or wildlife species.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past

projects, the effects of other current projects, and the effects of probable future projects)?

No Impact. The project has been evaluated for cumulative impacts and is found to not contribute to a cumulatively considerable impact, as detailed in Section 2.5 above. Potential cumulative impacts to visual resources, as well as relocations and real property acquisition, were studied. However, it was determined that the project would not lead to cumulatively considerable impacts when viewed among other nearby projects and developments. Therefore, there would be no impact.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

No Impact. Project construction could cause temporary effects on human beings, including traffic delays and localized noise. However, these impacts would be temporary, and lessened by the measures described above. Therefore, no impact is anticipated.

3.3 Climate Change

Climate change refers to long-term changes in temperature, precipitation, wind patterns, and other elements of the Earth's climate system. The Intergovernmental Panel on Climate Change, established by the United Nations and World Meteorological Organization in 1988, is devoted to GHG emissions reduction and climate change research and policy. Climate change in the past has generally occurred gradually over millennia, or more suddenly in response to cataclysmic natural disruptions. The research of the Intergovernmental Panel on Climate Change and other scientists over recent decades, however, has unequivocally attributed an accelerated rate of climatological changes over the past 150 years to GHG emissions generated from the production and use of fossil fuels.

Human activities generate GHGs consisting primarily of CO2, CH4, N2O, tetrafluoromethane, hexafluoroethane, sulfur hexafluoride, and various hydrofluorocarbons (HFCs). CO2 is the most abundant GHG; although it is a naturally occurring and necessary component of Earth’s atmosphere, fossil-fuel combustion is the main source of additional, human-generated CO2 that is the main driver of climate change. In the United States and in California, transportation is the largest source of GHG emissions, mostly CO2.

The impacts of climate change are already being observed in the form of sea-level rise, drought, extended and severe fire seasons, and historic flooding from changing storm patterns. The most important strategy to address climate change is to reduce GHG emissions. Additional strategies are necessary to mitigate and adapt to these impacts. In the context of climate change, “mitigation” involves actions to reduce GHG emissions to lessen adverse impacts that are likely to occur. “Adaptation” is planning for and responding to impacts to reduce vulnerability to harm, such as by adjusting transportation design standards to withstand more intense storms, heat, and higher sea levels. This analysis will include a discussion of both in the context of this transportation project.

3.3.1 Regulatory Setting

This section outlines federal and state efforts to comprehensively reduce GHG emissions from transportation sources.

3.3.1.1 Federal

To date, no national standards have been established for nationwide mobile-source GHG reduction targets, nor have any regulations or legislation been enacted specifically to address climate change and GHG emissions reduction at the project level.

NEPA (42 USC Part 4332) requires federal agencies to assess the environmental effects of their proposed actions prior to making a decision on the action or project.

FHWA recognizes the threats that extreme weather, sea level change, and other changes in environmental conditions pose to valuable transportation infrastructure and those who depend on it. FHWA therefore supports a sustainability approach that assesses vulnerability to climate risks and incorporates resilience into planning, asset management, project development and design, and operations and maintenance practices (FHWA 2019). This approach encourages planning for sustainable highways by addressing climate risks while balancing environmental, economic, and social values— "the triple bottom line of sustainability" (FHWA n.d.). Program and project elements that foster sustainability and resilience also support economic vitality and global efficiency, increase safety and mobility, enhance the environment, promote energy conservation, and improve the quality of life.

The federal government has taken steps to improve fuel economy and energy efficiency to address climate change and its associated effects. The most important of these was the Energy Policy and Conservation Act of 1975 (42 USC Section 6201), as amended by the Energy Independence and Security Act of 2007; and Corporate Average Fuel Economy (CAFE) Standards. This act established fuel economy standards for on-road motor vehicles sold in the United States. The United States Department of Transportation's National Highway Traffic and Safety Administration sets and enforces the CAFE standards based on each manufacturer's average fuel economy for the portion of its vehicles produced for sale in the United States. The United States Environmental Protection Agency (U.S. EPA) calculates average fuel economy levels for manufacturers, and also sets related GHG emissions standards under the Clean Air Act. Raising CAFE standards leads automakers to create a more fuel-efficient fleet, which improves our nation's energy security, saves consumers money at the pump, and reduces GHG emissions (U.S. DOT 2014).

U.S. EPA published a final rulemaking on December 30, 2021, that raised federal GHG emissions standards for passenger cars and light trucks for model years 2023 through 2026, increasing in stringency each year. This rulemaking revised lower emissions standards that were established in June 2020 for model years 2021 through 2026 in the Safer Affordable Fuel-Efficient Vehicles Rule Part Two. The updated standards will result in avoiding more than 3 billion tons of GHG emissions through 2050 (U.S. EPA 2021a). The CARB's off-model adjustments are still required for CO_2 emissions from gasoline light duty Vehicles, which are regulated by SAFE Rule: Part Two (Final). The quantitative GHG analysis for the project accounted for the SAFE Rule: Part Two, as described in Section 3.3.3 below.

3.3.1.2 State

California has been innovative and proactive in addressing GHG emissions and climate change by passing multiple Senate and Assembly bills and executive orders (EOs) including, but not limited to, the following:

- EO S-3-05 (June 1, 2005): The goal of this EO is to reduce California's GHG emissions to (1) year 2000 levels by 2010, (2) year 1990 levels by 2020, and (3)

80 percent below year 1990 levels by 2050. This goal was further reinforced with the passage of AB 32 in 2006 and SB 32 in 2016.

- AB 32, Chapter 488, 2006, Núñez and Pavley, The Global Warming Solutions Act of 2006: AB 32 codified the 2020 GHG emissions reduction goals outlined in EO S-3-05, while further mandating that ARB create a scoping plan and implement rules to achieve “real, quantifiable, cost-effective reductions of greenhouse gases.” The Legislature also intended that the statewide GHG emissions limit continue in existence and be used to maintain and continue reductions in emissions of GHGs beyond 2020 (H&SC Section 38551(b)). The law requires ARB to adopt rules and regulations in an open public process to achieve the maximum technologically feasible and cost-effective GHG reductions.

- EO S-01-07 (January 18, 2007): This order sets forth the low carbon fuel standard (LCFS) for California. Under this EO, the carbon intensity of California’s transportation fuels is to be reduced by at least 10 percent by the year 2020. ARB readopted the LCFS regulation in September 2015, and the changes went into effect on January 1, 2016. The program establishes a strong framework to promote the low-carbon fuel adoption necessary to achieve the governor's 2030 and 2050 GHG reduction goals.

- SB 375, Chapter 728, 2008, Sustainable Communities and Climate Protection: This bill requires ARB to set regional emissions reduction targets for passenger vehicles. The Metropolitan Planning Organization (MPO) for each region must then develop a "Sustainable Communities Strategy" (SCS) that integrates transportation, land-use, and housing policies to plan how it will achieve the emissions target for its region.

- SB 391, Chapter 585, 2009, California Transportation Plan (CTP): This bill requires the state’s long-range transportation plan to identify strategies to address California’s climate change goals under AB 32.

- EO B-16-12 (March 2012): This order requires state entities under the direction of the Governor, including ARB, the California Energy Commission, and the Public Utilities Commission, to support the rapid commercialization of zero-emission vehicles. It directs these entities to achieve various benchmarks related to zero-emission vehicles.

- EO B-30-15 (April 2015): This order establishes an interim statewide GHG emission reduction target of 40 percent below 1990 levels by 2030 to ensure that California meets its target of reducing GHG emissions to 80 percent below 1990 levels by 2050. It further orders all state agencies with jurisdiction over sources of GHG emissions to implement measures, pursuant to statutory authority, to achieve reductions of GHG emissions to meet the 2030 and 2050 GHG emissions reductions targets. It also directs ARB to update the Climate Change Scoping Plan to express the 2030 target in terms of million metric tons

of carbon dioxide equivalent ($MMTCO_2e$). (GHGs differ in how much heat each traps in the atmosphere, called global warming potential, or GWP. CO_2 is the most important GHG, so amounts of other gases are expressed relative to CO_2, using a metric called "carbon dioxide equivalent," or CO_2e. The GWP of CO_2 is assigned a value of 1, and the GWP of other gases is assessed as multiples of CO_2.) Finally, it requires the Natural Resources Agency to update the state's climate adaptation strategy, Safeguarding California, every 3 years, and to ensure that its provisions are fully implemented.

- SB 32, Chapter 249, 2016: This bill codifies the GHG reduction targets established in EO B-30-15 to achieve a mid-range goal of 40 percent below 1990 levels by 2030.

- SB 1386, Chapter 545, 2016: This bill declared "it to be the policy of the state that the protection and management of natural and working lands … is an important strategy in meeting the state's GHG reduction goals, and would require all state agencies, departments, boards, and commissions to consider this policy when revising, adopting, or establishing policies, regulations, expenditures, or grant criteria relating to the protection and management of natural and working lands."

- SB 743, Chapter 386 (September 2013): This bill changes the metric of consideration for transportation impacts pursuant to CEQA from a focus on automobile delay to alternative methods focused on VMT. This is intended to promote the state's goals of reducing GHG emissions and traffic-related air pollution, and promoting multimodal transportation while balancing the needs of congestion management and safety.

- SB 150, Chapter 150, 2017, Regional Transportation Plans (RTPs): This bill requires ARB to prepare a report that assesses progress made by each metropolitan planning organization in meeting their established regional GHG emission reduction targets.

- EO B-55-18 (September 2018): This order sets a new statewide goal to achieve and maintain carbon neutrality no later than 2045. This goal is in addition to existing statewide targets of reducing GHG emissions.

- EO N-19-19 (September 2019): This order advances California's climate goals in part by directing the California State Transportation Agency to leverage annual transportation spending to reverse the trend of increased fuel consumption and reduce GHG emissions from the transportation sector. It orders a focus on transportation investments near housing, managing congestion, and encouraging alternatives to driving. This EO also directs ARB to encourage automakers to produce more clean vehicles, formulate ways to help Californians purchase them, and propose strategies to increase demand for zero-emission vehicles.

3.3.2 Environmental Setting

The proposed project is in an urban area of South San Francisco with primarily commercial land uses. Traffic congestion during peak hours is not uncommon in the project area. The project is listed in both the current RTP, Plan Bay Area 2050 (MTC and ABAG 2021), RTP ID 21-T06-027 and the MTC's 2021 TIP under reference number ID SM-110003.

The BAAQMD's 2017 clean air plan addresses GHG emissions in the project region. U.S. EPA is responsible for documenting GHG emissions nationwide; the ARB does so for the state, as required by H&SC Section 39607.4.

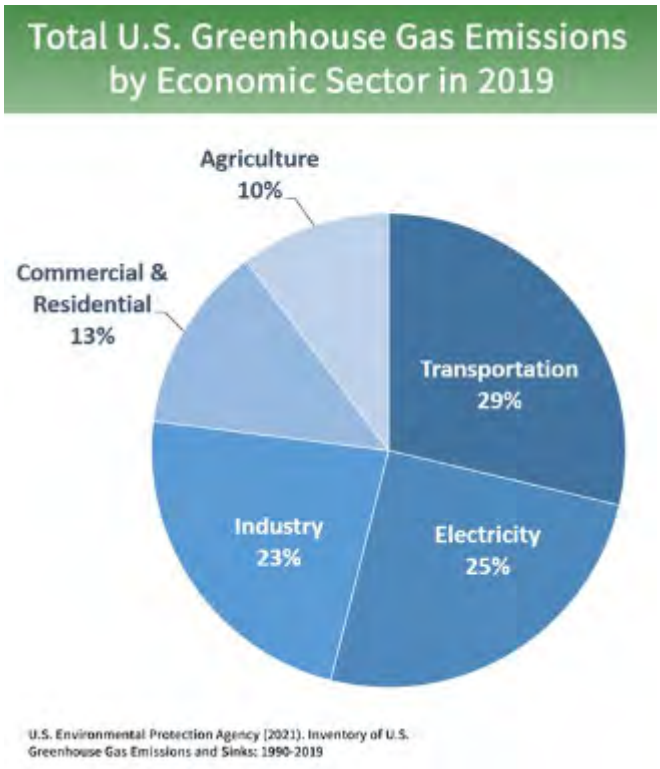
3.3.2.1 Greenhouse Gas Inventories

A GHG emissions inventory estimates the amount of GHGs discharged into the atmosphere by specific sources over a period of time, such as a calendar year. Tracking annual GHG emissions allows countries, states, and smaller jurisdictions to understand how emissions are changing and what actions may be needed to attain emission reduction goals. U.S. EPA is responsible for documenting GHG emissions nationwide, and the ARB does so for the state, as required by H&SC Section 39607.4. Cities and other local jurisdictions may also conduct local GHG inventories to inform their GHG reduction or climate action plans.

National GHG Inventory

The annual GHG inventory submitted by the U.S. EPA to the United Nations provides a comprehensive accounting of all human-produced sources of GHGs in the United States. The 1990 2019 inventory found that overall GHG emissions were 6,558 million metric tons (MMT) in 2019, down 1.7 percent from 2018 but up 1.8 percent from 1990 levels. Of these, 80 percent were CO_2, 10 percent were CH_4, and 7 percent were N_2O; the balance consisted of fluorinated gases. CO_2 emissions in 2019 were 2.2 percent less than in 2018, but 2.8 percent more than in 1990. As shown on Figure 3.4-1, the transportation sector accounted for 29 percent of GHG emissions in the United States in 2019 (U.S. EPA 2021c, 2021e).

Figure 3.4-1 U.S. 2019 Greenhouse Gas Emissions

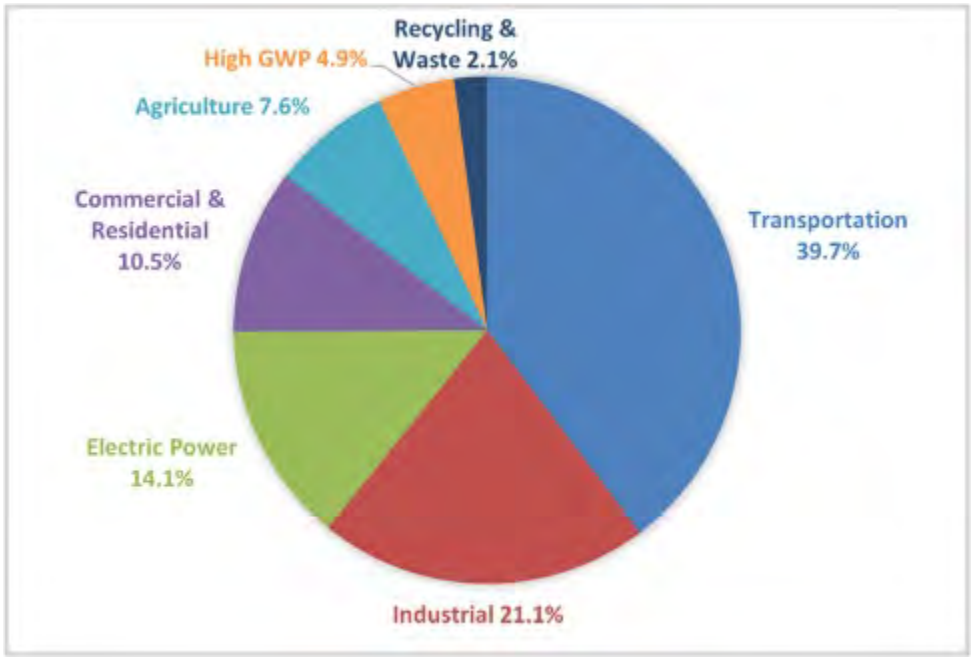


Source: U.S. EPA 2021d

3.3.2.2 State GHG Inventory

ARB collects GHG emissions data for transportation, electricity, commercial/residential, industrial, agricultural, and waste management sectors each year. It then summarizes and highlights major annual changes and trends to demonstrate the state's progress in meeting its GHG reduction goals. The 2021 edition of the GHG emissions inventory reported emissions trends from 2000 to 2019. It found that total California emissions were 418.2 $MMTCO_2e$ in 2019, a reduction of 7.2 $MMTCO_2e$ since 2018 and almost 13 MMTCO2e below the statewide 2020 limit of 431 $MMTCO_2e$. The transportation sector (including intrastate aviation and off road sources) was responsible for about 40 percent of direct GHG emissions, a 3.5 $MMTCO_2e$ decrease from 2018 (Figure 3.4-2). Overall statewide GHG emissions declined from 2000 to 2019 despite growth in population and state economic output (Figure 3.4-3) (ARB 2021a).

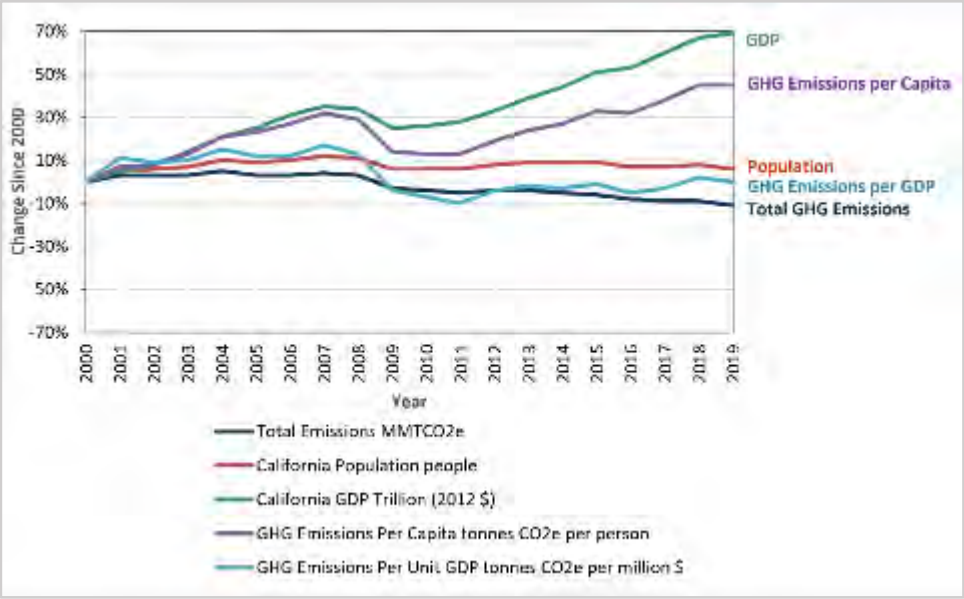
Figure 3.4-2 California 2019 Greenhouse Gas Emissions by Economic Sector



Source: ARB 2021

AB 32 required ARB to develop a Scoping Plan that describes the approach California will take to achieve the goal of reducing GHG emissions to 1990 levels by 2020, and to update it every 5 years. ARB adopted the first scoping plan in 2008. The second updated plan, California's 2017 Climate Change Scoping Plan, adopted on December 14, 2017, reflects the 2030 target established in EO B-30-15 and SB 32. The AB 32 Scoping Plan and the subsequent updates contain the main strategies California will use to reduce GHG emissions.

Figure 3.4-3 Change in California GDP, Population, and GHG Emissions since 2000 (Source: ARB 2019b)



Source: ARB 2021

3.3.2.3 Regional Plans

ARB sets regional GHG reduction targets for California's 18 metropolitan planning organizations (MPOs) to achieve through planning future projects that will cumulatively achieve those goals, and reporting how they will be met in the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). Targets are set at a percent reduction of passenger vehicle GHG emissions per person from 2005 levels. The proposed project is included in the RTP/SCS for the San Francisco Bay Area. The regional reduction target for MTC/ABAG is -10 percent for 2020 and -19 percent for 2035 (ARB 2019c). The proposed project would be included in the MTC RTP, Plan Bay Area 2050.

The 2017 clean air plan, Spare the Air, Cool the Climate (BAAQMD 2017), defines strategies for climate protection in the Bay Area that support goals laid out in Plan Bay Area 2050 (ABAG and MTC 2021). Those goals include transforming the transportation sector to reduce motor vehicle travel, promote zero-emissions vehicles and renewable fuels, adopt fixed- and flexible-route transit services, and support infrastructure and planning that enable a large share of trips by bicycling, walking, and transit. Local climate action plans also offer GHG reduction strategies.

3.3.3 Project Analysis

GHG emissions from transportation projects can be divided into those produced during operation of the State Highway System (SHS) (operational emissions) and those produced during construction. The primary GHGs produced by the transportation sector are CO_2, CH_4, N_2O, and HFCs. CO_2 emissions are a product of burning

gasoline or diesel fuel in internal combustion engines, along with relatively small amounts of CH_4 and N_2O. A small amount of HFC emissions related to refrigeration is also included in the transportation sector.

The CEQA Guidelines generally address greenhouse gas emissions as a cumulative impact due to the global nature of climate change (Pub. Resources Code, § 21083(b)(2)). As the California Supreme Court explained, “because of the global scale of climate change, any one project's contribution is unlikely to be significant by itself.” (Cleveland National Forest Foundation v. San Diego Assn. of Governments (2017) 3 Cal.5th 497, 512.) In assessing cumulative impacts, it must be determined if a project’s incremental effect is “cumulatively considerable” (CEQA Guidelines Sections 15064(h)(1) and 15130).

To make this determination, the incremental impacts of the project must be compared with the effects of past, current, and probable future projects. Although climate change is ultimately a cumulative impact, not every individual project that emits greenhouse gases must necessarily be found to contribute to a significant cumulative impact on the environment.

3.3.3.1 Operational Emissions

The project is included in the current RTP and TIP, which contain regional strategies for reducing GHG emissions from transportation sources. The project would provide an additional east-west connection across US 101 to accommodate future planned growth, improve traffic operations with pedestrian and bicycle access in the City and vicinity of the project area. The project’s long-term operational emissions of GHGs are evaluated further below.

A quantitative analysis of daily CO_2 emissions was performed using the Caltrans CT-EMFAC2017 model to compare the potential effects of the project Build and No Build Alternatives. Default fleet mixes were adjusted to include the estimated percentage of trucks for each model run. This analysis accounted for the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule: Part Two, by applying the appropriate EMFAC2017 off-model adjustment factor issued by CARB in their June 26, 2020 memorandum (CARB 2020).

As shown in Table 3.3.1-1, the estimated annual CO_2 emissions for the Build Alternative during the opening year (2025), horizon year (2040), and design year (2045) scenarios would be lower than the emissions for the No Build Alternative, which is primarily attributed to the reduction in study area VMT under the Build Alternative. The estimated CO_2 emissions for the Build and No Build Alternative would be lower in the opening year (2025), horizon year (2040) and design year (2045) compared to the existing year (2020). This is because federal and state fuel economy standards are expected to reduce GHG emissions over time.

Table 3.3.3-1 Operational CO_2 Emissions (Metric Tons per Year)

	2020 Existing	2025 No Build	2025 Build	2040 No Build	2040 Build	2045 No Build	2045 Build
Daily VMT	1,117,915	1,127,743	1,126,771	1,157,225	1,156,578	1,167,053	1,166,514
CO_2	135,925	121,718	121,376	109,098	108,760	109,015	108,666

3.3.3.2 Construction Emissions

Construction GHG emissions would result from material processing and transportation, on-site construction equipment, and traffic delays due to construction. These emissions will be produced at different levels throughout the construction phase; their frequency and occurrence can be reduced through innovations in plans and specifications and by implementing better traffic management during construction phases.

Use of long-life pavement, improved traffic management plans, and changes in materials, can also help offset emissions produced during construction by allowing longer intervals between maintenance and rehabilitation activities.

All construction contracts include Caltrans Standard Specifications related to air quality. Section 7-1.02A and 7 1.02C, Emissions Reduction, requires contractors to comply with all laws applicable to the project and to certify they are aware of and will comply with all ARB emission reduction regulations. Section 14-9.02, Air Pollution Control, requires contractors to comply with all air pollution control rules, regulations, ordinances, and statutes. Certain common regulations, such as equipment idling restrictions, that reduce construction vehicle emissions, also help reduce GHG emissions. Construction GHG emissions for transportation projects are typically produced by material processing equipment and on-site construction equipment. Emissions of CO_2e during project construction were quantified using RCEM Version 9.0 to support CEQA review of the project. The same model input parameters used for estimating criteria air pollutant emissions during construction were used for estimating CO_2e emissions.

The total CO_2e emissions and annual average CO_2e emissions estimated for construction of the Build Alternative are summarized in Table 3.3.1-1. Project construction would result in a temporary increase in GHG emissions that would be offset by the long-term improvements in operational GHG emissions compared with the No Build Alternative. The CARB off-model adjustment factor for CO_2 was applied to emissions outputs to account for required changes under the U.S. EPA's SAFE Vehicle Rule: Part Two. Furthermore, the project would implement measures to reduce construction emissions, such as maintenance of construction equipment and vehicles, limiting of construction vehicle idling time, and scheduling and routing of construction traffic to reduce engine emissions.

Table 3.3.3-2 Construction CO_2e Emissions

Emissions Scenario	CO2e (Total Metric Tons)	CO2e (Annual Average Metric Tons)
Build Alternative	2,389	1,593

3.3.3.3 CEQA Conclusion

Although the proposed project will result in GHG emissions during construction, it is anticipated that the project will not result in any increase in operational GHG emissions. The proposed project does not conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases. With implementation of construction GHG-reduction measures, the impact would be less than significant.

Caltrans is firmly committed to implementing measures to help reduce GHG emissions. These measures are outlined in the following section.

3.3.4 Greenhouse Gas Reduction Strategies

3.3.4.1 Statewide Efforts

In response to AB 32, California is implementing measures to achieve emission reductions of GHGs that cause climate change. Climate change programs in California are effectively reducing GHG emissions from all sectors of the economy. These programs include regulations, market programs, and incentives that will transform transportation, industry, fuels, and other sectors to take California into a sustainable, low-carbon and cleaner future, while maintaining a robust economy (ARB 2022).

Major sectors of the California economy, including transportation, will need to reduce emissions to meet 2030 and 2050 GHG emissions targets. The Governor's Office of Planning and Research identified five sustainability pillars in a 2015 report: (1) increasing the share of renewable energy in the state's energy mix to at least 50 percent by 2030; (2) reducing petroleum use by up to 50 percent by 2030; (3) increasing the energy efficiency of existing buildings by 50 percent by 2030; (4) reducing emissions of short-lived climate pollutants; and (5) stewarding natural resources, including forests, working lands, and wetlands, to ensure that they store carbon, are resilient, and enhance other environmental benefits (OPR 2015).

The transportation sector is integral to the people and economy of California. To achieve GHG emission reduction goals, it is vital that the state build on past successes in reducing criteria and toxic air pollutants from transportation and goods movement. GHG emission reductions will come from cleaner vehicle technologies, lower-carbon fuels, and reduction of VMT. Reducing today's petroleum use in cars and trucks is a key state goal for reducing GHG emissions by 2030 (California Environmental Protection Agency 2015).

In addition, SB 1386 (Wolk 2016) established as state policy the protection and management of natural and working lands and requires state agencies to consider that policy in their own decision making. Trees and vegetation on forests, rangelands, farms, and wetlands remove CO2 from the atmosphere through biological processes and sequester the carbon in above- and below-ground matter.

Subsequently, Governor Gavin Newsom issued EO N-82-20 to combat the crises in climate change and biodiversity. This order instructs state agencies to use existing authorities and resources to identify and implement near- and long-term actions to accelerate natural removal of carbon and build climate resilience in our forests, wetlands, urban greenspaces, agricultural soils, and land conservation activities in ways that serve all communities and in particular low-income, disadvantaged, and vulnerable communities. To support this order, the California Natural Resources Agency released Natural and Working Lands Climate Smart Strategy Draft for public comment in October 2021.

3.3.4.2 Caltrans Activities

Caltrans continues to be involved on the Governor's Climate Action Team as the ARB works to implement EOs S-3-05 and S-01-07 and help achieve the targets set forth in AB 32. EO B-30-15, issued in April 2015, and SB 32 (2016), set an interim target to cut GHG emissions to 40 percent below 1990 levels by 2030. The following major initiatives are underway at Caltrans to help meet these targets.

3.3.4.3 Climate Action Plan for Transportation Investments

The California Action Plan for Transportation Infrastructure (CAPTI) builds on EOs signed by Governor Newsom in 2019 and 2020 and targeted at reducing GHG emissions in transportation, which account for more than 40 percent of all polluting emissions, to reach the state's climate goals. Under CAPTI, where feasible and within existing funding program structures, the state will invest discretionary transportation funds in sustainable infrastructure projects that align with its climate, health, and social equity goals (California State Transportation Agency 2021).

3.3.4.4 California Transportation Plan

The California Transportation Plan (CTP) is a statewide, long-range transportation plan to meet our future mobility needs and reduce GHG emissions. It serves as an umbrella document for all the other statewide transportation planning documents. The CTP 2050 presents a vision of a safe, resilient, and universally accessible transportation system that supports vibrant communities, advances racial and economic justice, and improves public and environmental health. The plan's climate goal is to achieve statewide GHG emissions reduction targets and increase resilience to climate change. It demonstrates how GHG emissions from the transportation sector can be reduced through advancements in clean fuel technologies; continued shifts toward active travel, transit, and shared mobility; more efficient land use and development practices; and continued shifts to telework (Caltrans 2021a).

3.3.4.5 Caltrans Strategic Plan

The Caltrans 2020–2024 Strategic Plan includes goals of stewardship, climate action, and equity. Climate action strategies include developing and implementing a Caltrans Climate Action Plan; a robust program of climate action education, training, and outreach; partnership and collaboration; a VMT monitoring and reduction program; and engaging with the most vulnerable communities in developing and implementing Caltrans' climate action activities (Caltrans 2021f).

3.3.4.6 Caltrans Policy Directives and Other Initiatives

Caltrans Director's Policy 30 (DP-30) Climate Change (June 22, 2012) established a policy to ensure coordinated efforts to incorporate climate change into Caltrans' decisions and activities. Caltrans' Greenhouse Gas Emissions and Mitigation Report (Caltrans 2020b) provides a comprehensive overview of Caltrans' emissions. The report documents and evaluates current Caltrans procedures and activities that track and reduce GHG emissions and identifies additional opportunities for further reducing GHG emissions from Caltrans-controlled emission sources, in support of Caltrans and state goals.

3.3.4.7 Project-Level GHG Reduction Strategies

The following measures will also be implemented in the project to reduce GHG emissions and potential climate change impacts from the project.

- A TMP will be prepared during the design phase of the project to minimize traffic disruptions from project construction. Minimizing traffic delays during construction will help reduce GHG emissions from idling vehicles.

- Caltrans Standard Specifications such as Section 14-9.02, Air Pollution Control, require contractors to comply with all federal, state, and local air pollution control rules, regulations, and ordinances. This includes requirements such as idling restrictions and keeping engines properly tuned reduce emissions, including GHG emissions.

- Caltrans will implement all Project Features described in Table 1.6-1, which include strategies to reduce temporary GHG emissions during project construction.

3.3.5 Adaptation

Reducing GHG emissions is only one part of an approach to addressing climate change. Caltrans must plan for the effects of climate change on the state's transportation infrastructure and strengthen or protect the facilities from damage. Climate change is expected to produce increased variability in precipitation, rising temperatures, rising sea levels, variability in storm surges and their intensity, and in the frequency and intensity of wildfires. Flooding and erosion can damage or wash out roads; longer periods of intense heat can buckle pavement and railroad tracks; storm surges combined with a rising sea level can inundate highways. Wildfire can directly

burn facilities and indirectly cause damage when rain falls on denuded slopes that landslide after a fire. Effects will vary by location and may, in the most extreme cases, require that a facility be relocated or redesigned. Accordingly, Caltrans must consider these types of climate stressors in how highways are planned, designed, built, operated, and maintained.

3.3.5.1 Federal Efforts

Under NEPA Assignment, Caltrans is obligated to comply with all applicable federal environmental laws and FHWA NEPA regulations, policies, and guidance.

The Fourth National Climate Assessment, published in 2018, presents the foundational science and the "human welfare, societal, and environmental elements of climate change and variability for 10 regions and 18 national topics, with particular attention paid to observed and projected risks, impacts, consideration of risk reduction, and implications under different mitigation pathways."

The United States Department of Transportation (U.S. DOT) Policy Statement on Climate Adaptation in June 2011 committed the federal Department of Transportation to "integrate consideration of climate change impacts and adaptation into the planning, operations, policies, and programs of U.S. DOT to ensure that taxpayer resources are invested wisely, and that transportation infrastructure, services and operations remain effective in current and future climate conditions" (U.S. DOT 2011).

FHWA order 5520 (Transportation System Preparedness and Resilience to Climate Change and Extreme Weather Events, December 15, 2014) established FHWA policy to strive to identify the risks of climate change and extreme weather events to current and planned transportation systems. FHWA has developed guidance and tools for transportation planning that foster resilience to climate effects and sustainability at the federal, state, and local levels (FHWA 2019).

3.3.5.2 State Efforts

Climate change adaptation for transportation infrastructure involves long-term planning and risk management to address vulnerabilities in the transportation system. A number of state policies and tools have been developed to guide adaptation efforts.

California's Fourth Climate Change Assessment (Fourth Assessment) (2018) is the state's effort to "translate the state of climate science into useful information for action." It provides information that will help decision makers across sectors and at state, regional, and local scales protect and build the resilience of the state's people, infrastructure, natural systems, working lands, and waters. The state's approach recognizes that the consequences of climate change occur at the intersections of people, nature, and infrastructure. The Fourth Assessment reports that if no measures are taken to reduce GHG emissions by 2021 or sooner, the state is projected to experience an increase of 2.7 to 8.8 degrees Fahrenheit in average annual maximum daily temperatures, with impacts on agriculture, energy demand, natural systems, and public health; a two-thirds decline in water supply from snowpack and water shortages

that will impact agricultural production; a 77 percent increase in average area burned by wildfire, with consequences for forest health and communities; and large-scale erosion of up to 67 percent of Southern California beaches and inundation of billions of dollars' worth of residential and commercial buildings due to sea-level rise (State of California 2018).

Sea-level rise is a particular concern for transportation infrastructure in the coastal zone. Major urban airports will be at risk of flooding from sea-level rise combined with storm surge as early as 2040; San Francisco airport is already at risk. Miles of coastal highways vulnerable to flooding in a 100 year storm event will triple to 370 by 2100, and 3,750 miles will be exposed to temporary flooding. The Fourth Assessment's findings highlight the need for proactive action to address these current and future impacts of climate change.

In 2008, then-governor Arnold Schwarzenegger recognized the need when he issued EO S-13-08, focused on sea-level rise. Technical reports on the latest sea-level rise science were first published in 2010 and updated in 2013 and 2017. The 2017 projections of sea-level rise and new understanding of processes and potential impacts in California were incorporated into the State of California Sea-Level Rise Guidance Update in 2018. This EO also gave rise to the California Climate Adaptation Strategy (2009), updated in 2014 as Safeguarding California: Reducing Climate Risk (Safeguarding California Plan), which addressed the full range of climate change impacts and recommended adaptation strategies. The Safeguarding California Plan was updated in 2018 and again in 2021 as the California Climate Adaptation Strategy, incorporating key elements of the latest sector-specific plans such as the Natural and Working Lands Climate Smart Strategy, Wildfire and Forest Resilience Action Plan, Water Resilience Portfolio, and the CAPTI (described above). Priorities in the 2021 California Climate Adaptation Strategy include acting in partnership with California Native American Tribes, strengthening protections for climate-vulnerable communities that lack capacity and resources, nature-based climate solutions, use of best available climate science, and partnering and collaboration to best leverage resources (California Natural Resources Agency 2021).

EO B-30-15, signed in April 2015, requires state agencies to factor climate change into all planning and investment decisions. This EO recognizes that effects of climate change in addition to sea-level rise also threaten California's infrastructure. At the direction of EO B-30-15, the Office of Planning and Research published Planning and Investing for a Resilient California: A Guidebook for State Agencies in 2017, to encourage a uniform and systematic approach.

AB 2800 (Quirk 2016) created the multidisciplinary Climate-Safe Infrastructure Working Group to help actors throughout the state address the findings of California's Fourth Climate Change Assessment. It released its report, Paying it Forward: The Path Toward Climate-Safe Infrastructure in California, in 2018. The report provides guidance to agencies on how to address the challenges of assessing risk in the face of inherent uncertainties still posed by the best available science on climate change. It also examines how state agencies can use infrastructure planning, design, and

implementation processes to address the observed and anticipated climate change impacts (Climate Change Infrastructure Working Group 2018).

3.3.5.3 Caltrans Adaptation Efforts – Caltrans Vulnerability Assessments

Caltrans completed climate change vulnerability assessments to identify segments of the state highway system that are vulnerable to climate change effects of precipitation, temperature, wildfire, storm surge, and sea-level rise.

The climate change data in the assessments were developed in coordination with climate change scientists and experts at federal, state, and regional organizations at the forefront of climate science. The findings of the vulnerability assessments guide analysis of at-risk assets and development of Adaptation Priority Reports as a method to make capital programming decisions to address identified risks.

3.3.5.4 Project Adaptation Analysis

Sea-Level Rise

The proposed project is outside the California Coastal Zone, and is not within the Shoreline Band regulated by the BCDC (see Section 2.2.2.1). However, according to the Cal-Adapt sea level rise model, the project area is vulnerable to future sea level rise scenarios (Cal-Adapt 2021) (Figure 3.4-5).The elevated bridge will be above the inundation area, and the increased elevation at of the South Airport Boulevard/Utah Avenue intersection will also decrease these locations to SLR. However, connecting roads to these facilities, and the proposed improvements at San Mateo Avenue/South Airport Boulevard/Produce Avenue would remain vulnerable to inundation, including high tide and water surface level increases associated with storm surge events.

According to the Caltrans District 4 Climate change Vulnerability Assessment, there are uncertainties in SLR projections that come from variances from several factors, including GHG projections, rates of ice melt, rates of thermal expansion, and accuracy of climate models. Although there is relative certainty in rising sea levels, it is unknown precisely how the oceans will rise in response to atmospheric GHG emissions. The appropriate use of these projections is to understand the range of scenarios and plan with uncertainty in mind, by understanding the implications of any adaptation strategies recommended (Caltrans 2018b).

The changes to historical conditions brought on by sea level rise could make the proposed transportation facility more vulnerable to damage. A rising groundwater table could inundate supports on land that were not built to accommodate saturated soil conditions, leading to erosion of soils and loss of stability (Caltrans 2018b). Additionally, higher sea levels could increase the risk of adverse scour effects on structural elements.

Based on the considerations discussed above, the project should be designed with the potential effects of climate change in mind. Although the project is not within the defined Coastal Zone, it is likely at risk for exacerbated effects due to sea level rise, given its proximity to Colma and San Bruno Creek and their associated flood plains.

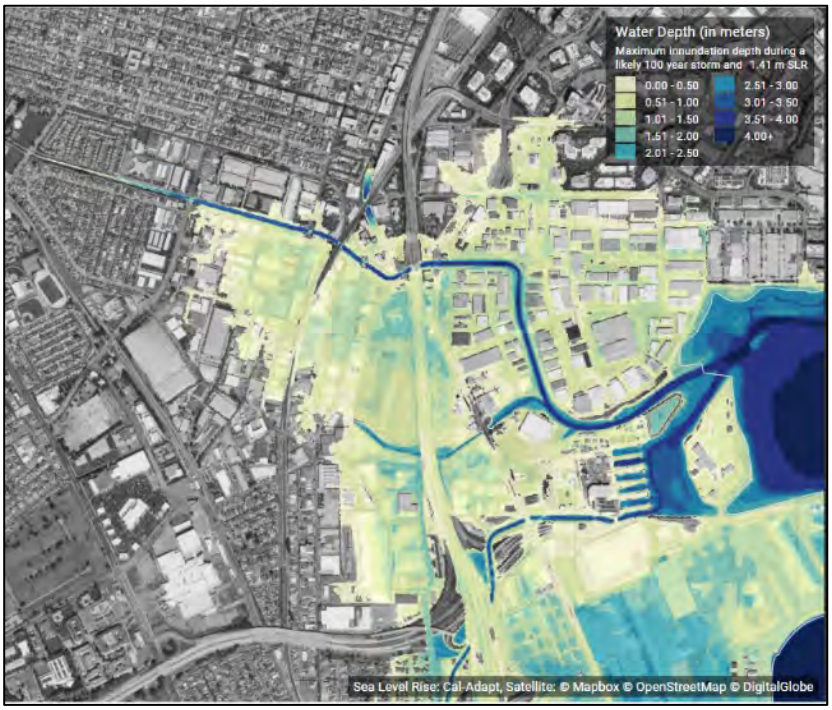
Precipitation and Flooding

As stated in Section 2.3.1, the Project site is located within the Colma Creek floodplain (FIRM Panel Number 06081C00F, effective April 2, 2019).

Part of the project area is within Zone AE EL 10, which represents areas that are subject to flooding by the aforementioned 100-year flood. The remainder of the project area, including the existing Utah Avenue/South Airport Boulevard intersection, is within Zone X. Zone X in this context represents an area with a 0.2% annual chance flood hazard or 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile.

US 101 in and adjacent to the project area may be vulnerable to future storm surge, exacerbated by climate change. With 5.74 feet of sea level rise, the 100-year storm could affect approximately 30 miles of the state highway system in San Mateo County (Caltrans 2018b). Figure 3.4-5 depicts maximum inundation depth during a likely 100-year storm, coupled with 1.41 meters of sea level rise.

Figure 3.4-5 Maximum Inundation Depth During a Likely 100 Year Storm and 1.41 M SLR



The potential for severe 100-year storm events, given future sea level rise, poses risks for the project area. Bridge scour, flooding, and erosion could pose a greater risk to the project area. Therefore, consideration should be given to the potential effects of climate change on the project area floodplains.

Wildfire

As stated in Section 3.3.20.1, the project is not in a fire hazard severity zone, and furthermore would not alter the alignment of US 101. According to the Caltrans District 4 Climate Vulnerability Assessment, the project area is also not of concern for wildfire in future years, nor is US 101 in the project area mapped as an exposed roadway in future wildfire scenarios (Caltrans 2017).

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Chapter 4 Comments and Coordination

Early and continuing coordination with the general public and public agencies is an essential part of the environmental process. It helps planners determine the necessary scope of environmental documentation and the level of analysis required, and to identify potential impacts and avoidance, minimization, and/or mitigation measures and related environmental requirements. Agency and tribal consultation and public participation for this project have been accomplished through a variety of formal and informal methods, including interagency coordination meetings, public meetings, public notices, Project Development Team (PDT) meetings, and stakeholder meetings. This chapter summarizes the results of the Caltrans' efforts to fully identify, address, and resolve project-related issues through early and continuing coordination.

4.1 Early Public Outreach

Early public outreach was conducted for property owners and tenants in and adjacent to the project area. A community meeting was held to discuss the project and provide community members with the opportunity to comment and ask questions to the project team. The meeting was noticed through newspaper advertisements that ran on October 9 and 10, 2018. The City of South San Francisco hosted the meeting on Tuesday, October 9, 2018 from 6:30 – 8:00 PM at the South San Francisco Public Works Department office. Fourteen community members attended and had the opportunity to view and ask questions of the project staff from the City of South San Francisco, the consultant (AECOM), Caltrans, and the San Mateo County Transportation Authority (SMCTA). A PowerPoint presentation was presented to orient the attendees to the purpose of the project, existing conditions, constraints and/or benefits of the project alternatives, and proposed design elements.

The meeting included a question-and-answer period, the comments and questions from which are listed below. Attendees were given the opportunity to personally meet with project staff, and learn more about the project. Questions and topics included the various alternatives that were under study at that time, the elevation of the proposed bridge over US 101, funding for the project and its estimated cost, the roles of the agencies involved, and the property acquisition process.

Subsequent meetings were held with property owners throughout 2018 and 2019 to discuss the project, their concerns and receive their comments. These meetings included the Golden Gate Produce Terminal, Park 'N Fly, owners of a gas station, other individual affected property owners, and utilities (PG&E and California Water Service).

4.2 Public Scoping Process

A Notice of Preparation (NOP) was filed with the State Clearinghouse on 8/10/2021. The City of South San Francisco and Caltrans hosted a virtual scoping meeting on Tuesday August 24, 2021 from 6:00 – 7:30 PM. The meeting was attended by staff

from the City of South San Francisco, the Consultant (AECOM), Caltrans and the San Mateo County Transportation Authority (SMCTA), as well as six additional attendees.

The Scoping Meeting was noticed through the following communications channels:

- An email blast to 75 stakeholder agency staff members.
- Print and online newspaper advertisements in the San Mateo Daily Journal.
- Caltrans and City of South San Francisco social media.
- Bilingual (English and Spanish) postcards distributed to over four thousand addresses through the United States Postal Service (USPS) Every Day Direct Mailer service, along select routes adjacent to the project area.
- Additional postcards distributed to 80 property owners.

Comment letters received were the following:

- California Department of Fish and Wildlife. CDFW provided recommendations for species that should be studied, recommended a bridge design incorporate fish passage and natural stream flow, and outlined potential light impacts at Colma Creek. CDFW's recommendations were incorporated into section 2.4, as applicable.
- California Native American Heritage Commission. The NAHC provided recommendations for consultation.
- Holiday Inn Express SFO North (373 South Airport Boulevard). The owners had questions regarding construction schedule, effects on local streets and continued access to their property, noise during construction, and design of the South Airport Boulevard roadway.
- Public Storage at 100 and 124 Produce Avenue. The owners asked about any property takes at these properties, and availability of design plans.

4.3 Consultation and Coordination with Public Agencies

4.3.1 Federal Agencies

4.3.1.1 Federal Highway Administration

Following public circulation of the Draft EIR/EA, the project's air quality studies were submitted to FHWA for a project-level conformity determination. The final determination by FHWA on project-level conformity was issued February 6, 2023, and is included in Appendix D.

4.3.1.2 United States Fish and Wildlife Service and National Marine Fisheries Service

A USFWS species list was created for the project and was updated on January 25, 2023 (Appendix H). Caltrans initiates consultation with USFWS when a project has the potential to affect a federally listed species and/or adversely modify designated critical habitat. No take of any listed species is expected as a result of the proposed project. The project avoids the biological habitat at Colma Creek by establishing an ESA at that location. Therefore, consultation with USFWS is not anticipated as part of the project.

4.3.1.3 NOAA Fisheries

A NOAA Fisheries species list was created for the project and was updated on January 25, 2023 (Appendix H). Consultation with NOAA Fisheries under Section 7 of FESA is not anticipated, as the project would not affect any listed species under NOAA jurisdiction, as described in Section 2.4.4.

4.3.2 Tribal Entities

The California Native American Heritage Commission (NAHC) was contacted on December 22, 2017 via e-mail, briefly describing the proposed project and attaching a map showing the APE and asking the Commission to review its Sacred Lands File (SLF) for any Native American cultural resources that potentially could be affected by the proposed project. A request also was made for the CEQA Tribal Consultation List, which includes the names of Native Americans who may have information or concerns about the APE and have requested notice about projects from CEQA lead agencies. Frank Lienert replied in an email dated January 4, 2018, stating that a review of the SLF was completed for the APE with “negative results.” Mr. Lienert also provided a list of Native American contacts. Native American consultation is described in further detail in Section 2.2.10.

4.3.3 State Agencies

4.3.3.1 State Historic Preservation Officer

The project’s cultural resource studies were submitted to the State Historic Preservation Officer (SHPO) on December 9, 2021, documenting five properties in the project area that were determined to be ineligible for the National Register of Historic Places, and one that was determined eligible (Golden Gate Produce Terminal, 131 Terminal Court, South San Francisco, APN 015-113-210). No comments were received from SHPO, and Caltrans made the determination to move forward on the eligibility determinations consistent with the provisions of the Section 106 Programmatic Agreement. Caltrans prepared a Finding of No Adverse Effect for the Golden Gate Produce Terminal, and SHPO reviewed and had no objection to the finding. With receipt of SHPO’s concurrence and in accordance with Section 106 PA Stipulation X, Caltrans has completed consultation with SHPO. Correspondence with SHPO is included in Appendix D.

4.3.3.2 California Department of Fish and Wildlife

Construction activities would not result in the take of a state listed species as defined by the California Endangered Species Act (CESA). As a result, it does not appear that an incidental take permit (ITP) would be needed, nor would Caltrans need to consult with CDFW under CESA.

4.3.4 Regional Agencies

4.3.4.1 Metropolitan Transportation Commission (Air Quality Conformity)

The project team initiated consultation with the Bay Area Air Quality Conformity Task Force by submitting a Project Assessment Form for $PM_{2.5}$ Interagency Consultation. The project was found not to be a project of air quality concern by MTC's Air Quality Conformity Task Force at their September 23, 2021 consultation meeting.

Public comment was requested regarding the information in the Project Assessment Summary for $PM_{2.5}$ Interagency Consultation and the Task Force's determination, and it was included in the Draft EIR/EA for public review (Appendix D). There were no comments received during public review or at the public meeting on the Draft EIR/EA regarding air quality impacts or issues. The final determination on project-level conformity is be made by FHWA, and is included in Appendix D.

4.3.4.2 San Francisco Bay RWQCB

No work or discharge is planned or anticipated within Waters of the U.S. or Waters of the State. The project will likely require a stormwater discharge permit related to stormwater flow from the proposed new and expanded roadway surfaces, and compliance with a Construction General Permit related to disturbed soil area greater than 1 acre.

4.3.4.3 Bay Conservation Development Commission

Caltrans contacted the San Francisco Bay Conservation and Development Commission (BCDC) staff in May, 2018, who indicated the Commission's jurisdiction along Colma Creek ends at the confluence of Colma Creek and the San Bruno Canal close to the Bay, west of the intersection between Littlefield Avenue and Harbor Way.[22] The project is west/inland of that point, and therefore a permit from BCDC is not anticipated.

4.4 Circulation, Review, and Comment on the Draft Environmental Document

The Draft EIR/EA was circulated to the public for more than 45 days, from July 22 through September 6, 2022. A public on-line meeting was held on August 11, 2022, from 5:30 to 7:00 PM. Comments received during this period are included in Appendix K, with responses.

[22] Email correspondence between Jhon Arbelaez-Novak (Caltrans environmental planning) and Eric Buehmann (BCDC), May 30, 2018.

The availability of the Draft EIR/EA for review and comment was advertised and noticed through a range of outreach methods. Each of the notices and mailers provided information on how to obtain and review the DEIR/EA, how to comment, and the deadline for comments; how to participate in the public meeting; and whom to contact at Caltrans for more information or assistance, including weblinks, Caltrans and City of South San Francisco contacts and phone numbers/addresses, and an email box and postal mail address for submitting comments. The notices included contact information in Spanish. A Notice of Completion (NOC) was posted with the California State Clearinghouse on July 22, 2022, identifying the start and end dates of the public review period (SCH #2021080173), and the NOC was distributed through the Clearinghouse to a wide range of state agencies and commissions. Letters to elected and nonelected officials were mailed. Postcards were distributed to local area mailing addresses through the U.S. Postal Service Direct Mail service, and an information flyer was distributed through emails to the project and Caltrans distribution list, and was available through the City of South San Francisco weblink at https://www.ssf.net/101Produce and at the Caltrans weblink at https://caltransd4environmental.com/. A newspaper advertisement was posted on July 25, 2022, in the San Mateo Daily Journal.

After the approval of this Final EIR/EA, a Notice of Determination and Notice of Availability will be filed, and sent to affected units of federal, state, and local governments, and to the State Clearinghouse, in compliance with EO 12372.

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Appendices

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Appendix A. Section 4(f) Evaluation

Section 4(f) of the Department of Transportation Act of 1966, codified in federal law at 49 United States Code (USC) 303, declares that "it is the policy of the United States Government that special effort should be made to preserve the natural beauty of the countryside and public park and recreation lands, wildlife and waterfowl refuges, and historic sites."

Section 4(f) specifies that the Secretary of Transportation may approve a transportation program or project . . . "requiring the use of publicly owned land of a public park, recreation area, or wildlife and waterfowl refuge of national, state, or local significance, or land of an historic site of national, state, or local significance (as determined by the federal, state, or local officials having jurisdiction over the park, area, refuge, or site) only if:

- There is no prudent and feasible alternative to using that land; and
- The program or project includes all possible planning to minimize harm to the park, recreation area, wildlife and waterfowl refuge, or historic site resulting from the use."

This section of the document discusses de minimis impact determinations under Section 4(f). Section 6009(a) of SAFETEA-LU amended Section 4(f) legislation at 23 United States Code (USC) 138 and 49 USC 303 to simplify the processing and approval of projects that have only de minimis impacts on lands protected by Section 4(f). This amendment provides that once the U.S. Department of Transportation (USDOT) determines that a transportation use of Section 4(f) property, after consideration of any impact avoidance, minimization, and mitigation or enhancement measures, results in a de minimis impact on that property, an analysis of avoidance alternatives is not required and the Section 4(f) evaluation process is complete. The Federal Highway Administration's (FHWA) final rule on Section 4(f) de minimis findings is codified in 23 Code of Federal Regulations (CFR) 774.3 and CFR 774.17.

Responsibility for compliance with Section 4(f) has been assigned to the Department pursuant to 23 USC 326 and 327, including de minimis impact determinations, as well as coordination with those agencies that have jurisdiction over a Section 4(f) resource that may be affected by a project action.

Description of the Proposed Project

The California Department of Transportation (Caltrans) in cooperation with the City of South San Francisco and the San Mateo County Transportation Authority (SMCTA) propose to construct a new overcrossing of United States Highway 101 (US 101) in the City of South San Francisco, San Mateo County. The new overcrossing, referred to as the Utah Avenue extension, would connect the Utah Avenue/South Airport Boulevard intersection on the east side of US 101 to San Mateo Avenue on the west side of US 101. The intersections of Utah Avenue/South Airport Boulevard and San Mateo Avenue

would also be reconstructed to include turning lanes, and to connect to the new overcrossing by through lane. The Airport Boulevard/Produce Avenue/San Mateo Avenue intersection on the west side of US 101 would also be modified or reconstructed.

The project area is between the US 101/East Grand Avenue interchange (0.7 mile to the north) and the US 101/Interstate 380 (I-380) interchange (0.5 mile to the south). San Francisco International Airport is located approximately 2.5 miles to the south. US 101 at the project location has four general purpose lanes in each direction. In the southbound direction, an auxiliary lane exits at the connector ramp to I-380. In the northbound direction, there are auxiliary lanes that connect to the on- and off-ramps at South Airport Boulevard.

Section 4(f) Properties in the Project Area

There are no public park, recreation lands, wildlife or waterfowl refuges that have the potential to be affected by the project. However, six historic-period properties within the area of potential effects (APE) were evaluated by professionally qualified consultant staff to determine eligibility for listing in the National Register of Historic Places (NRHP) or California Register of Historic Resources (CRHR). Five of the six properties were found to be ineligible for listing in the NRHP or CRHR, pursuant to Stipulation VIII.C of the Section 106 PA. One property in the APE, the Golden Gate Produce Terminal at 131 Terminal Court (produce terminal), was found to be eligible for listing in the NRHP and CRHR at the local level of significance under Criterion A/1.

The produce terminal is considered a Section 4(f) resource, due to its eligibility for listing in the NRHP. It is associated with the development of the South San Francisco Industrial Park and the Golden Gate Produce Terminal, which has occupied the property since 1962. The Golden Gate Produce Terminal was constructed to house produce wholesalers who were forced to abandon the original produce market in downtown San Francisco, which was demolished to accommodate the 1960s Golden Gateway redevelopment project. Although other produce terminals were constructed to house the displaced produce operators, most of the larger produce wholesalers relocated to the Golden Gate Produce Terminal, which continues to be the largest and busiest produce terminal in Northern California. In addition, the terminal is unique in that it was historically, and continues to be cooperatively, owned by the produce dealers.

The period of significance for the produce terminal is its 1962 date of construction. The boundary for the historic resource is its legal parcel (APN: 015-113-210). The east and west terminal buildings, with their loading docks, individual produce stalls, and central parking area, are contributing features. The building’s character-defining features include pre-cast concrete slab construction with pre-cut window and door openings; concrete loading docks with overhanging metal canopies; and original steel sash, multi-light windows. Although the historic integrity of materials has been compromised by past alterations, including the replacement of original doors and windows and the installation of solar panels on the rooftop of the terminal buildings, the property overall retains

sufficient integrity of location, design, setting, materials, workmanship, feeling, and association to meet NRHP/CRHR Criteria A/1.

Non-contributing features to the produce terminal's historical significance include the property entrance and guard shack, an administration building, and a freestanding loading dock. Although the guard shack and the administration building were part of the original produce terminal construction, these buildings have been modified since construction and have diminished integrity, and also are unremarkable examples of building types commonly constructed as ancillary buildings on commercial/industrial properties throughout California. The freestanding loading dock was constructed between 2002 and 2005 and is less than 45 years old.

Project Use of Section 4(f) Property

The project would construct a new overcrossing that would span US 101 from Utah Avenue to San Mateo Avenue, and cross over Terminal Court, above the produce terminal. Additionally, three parking spaces in front of the produce terminal would be removed for the proposed overcrossing support columns, and 21 parking spaces would be temporarily impacted during construction. A partial property acquisition, temporary construction easement, and aerial easement of this property would be required for the project.

A Finding of No Adverse Effect (FNAE) was prepared for the project in June 2022, which found that the project would not directly affect the produce terminal because there are no improvements planned that would alter, physically destroy, cause neglect and deterioration, or lead to the transfer, sale, or lease of the historic property and any of its character-defining features.

The FNAE found that the produce terminal's contributing features, including the east and west terminal buildings with their loading docks, individual produce stalls, and the central parking area, would not be changed. Additionally, character-defining features, like the pre-cast concrete slab construction with pre-cut window and door openings, concrete loading docks with overhanging metal canopies, and original steel sash, multi-light windows, would not be removed or blocked by the addition of the new overcrossing. The overcrossing would be located closest to the noncontributing features described above (e.g., property entrance and guard shack, administration building). It was also found that no visual, atmospheric, or audible elements would diminish the integrity of the property's significant historic features, based on the findings of the project's Visual Impact Assessment and Noise Study Report (AECOM 2021b; AECOM 2022c).

Determination of a De Minimis Impact

According to 23 CFR 774.17, a de minimis impact to a historic site is appropriate when either:

1. no historic property is affected by the project; or

2. the project will have “no adverse effect” on the historic property in question.

Caltrans, as assigned by the FHWA, makes the final determination on the de minimis finding. Based on the FNAE, the project would result in a de minimis impact on the Golden Gate Produce Terminal located at 131 Terminal Court. The FNAE was submitted to the California State Historic Preservation Officer (SHPO), with a request for concurrence on the FNAE. In accordance with the January 1, 2014 First Amended Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation Regarding Compliance with Section 106 of the National Historic Preservation Act, as it Pertains to the Administration of the Federal-Aid Highway Program in California, the SHPO was informed in writing that a non-response for the purposes of a “no adverse effect” or a “no historic properties affected” determination will be treated as the written concurrence for the de minimis determination. Caltrans received acknowledgement from SHPO on September 13, 2022, that they had no objection to the finding of No Adverse Effect to the Golden Gate Produce Terminal (Appendix D). Based on review of the project and SHPO’s concurrence with the No Adverse Effect finding, Caltrans concludes that the project would have a de minimis impact with respect to Section 4(f).

Appendix B. Title VI Policy Statement

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Making Conservation a California Way of Life.

September 2021

NON-DISCRIMINATION POLICY STATEMENT

The California Department of Transportation, under Title VI of the Civil Rights Act of 1964, ensures "*No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance*."

Caltrans will make every effort to ensure nondiscrimination in all of its services, programs and activities, whether they are federally funded or not, and that services and benefits are fairly distributed to all people, regardless of race, color, or national origin. In addition, Caltrans will facilitate meaningful participation in the transportation planning process in a nondiscriminatory manner.

Related federal statutes, remedies, and state law further those protections to include sex, disability, religion, sexual orientation, and age.

For information or guidance on how to file a complaint, or obtain more information regarding Title VI, please contact the Title VI Branch Manager at (916) 324-8379 or visit the following web page: https://dot.ca.gov/programs/civil-rights/title-vi .

To obtain this information in an alternate format such as Braille or in a language other than English, please contact the California Department of Transportation, Office of Civil Rights, at 1823 14th Street, MS-79, Sacramento, CA 95811; PO Box 942874, MS-79, Sacramento, CA 94274-0001; (916) 324-8379 (TTY 711); or at Title.VI@dot.ca.gov.

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Director

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Appendix C. Summary of Relocation Benefits

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Your Rights and Benefits as a Displaced Business, Farm, or Nonprofit Organization Under the California Department of Transportation Relocation Assistance Program

California Department of Transportation

Introduction

In building a modern transportation system, the displacement of a small percentage of the population is often necessary. However, it is the policy of Caltrans that displaced persons shall not suffer unnecessarily as a result of programs designed to benefit the public as a whole.

Displaced businesses, farms, and nonprofit organizations may be eligible for relocation advisory services and payments.

This brochure provides information about available relocation services and payments. If you are required to move as the result of a Caltrans transportation project, a Relocation Agent will contact you. The Relocation Agent will be able to answer your specific questions and provide additional information.

Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 as Amended "The Uniform Act"

The purpose of this Act is to provide for uniform and equitable treatment of persons displaced from their business, farm or non-profit organization, by federal and federally assisted programs and to establish uniform and equitable land acquisition policies for federal and federally assisted programs.

49 Code of Federal Regulations Part 24 implements the "Uniform Act" in accordance with the following relocation assistance objective:

> To ensure that persons displaced as a direct result of federal or federally-assisted projects are treated fairly, consistently and equitably so that such persons will not suffer disproportionate injuries as a result of projects designed for the benefit of the public as a whole.

While every effort has been made to assure the accuracy of this booklet, it should be understood that it does not have the force and effect of law, rule, or regulation governing the payment of benefits. Should any difference or error occur, the law will take precedence.

Relocation Services

The California Department of Transportation has two programs to aid businesses, farms and nonprofit organizations which must relocate.

These are:

1. The Relocation Advisory Assistance Program, which is to aid you in locating a suitable replacement property, and

2. The Relocation Payments Program, which is to reimburse you for certain costs involved in relocating. These payments are classified as:

   - Moving and Related Expenses (costs to move personal property not acquired).
   - Reestablishment Expenses (expenses related to the replacement property).
   - In-Lieu Payment (a fixed payment in lieu of moving and related expenses, and reestablishment expenses).

   Note: Payment for loss of goodwill is considered an acquisition cost. California law and the federal regulations mandate that relocation payments cannot duplicate other payments such as goodwill.

You will **not** be eligible to receive any relocation payments until the State has actually made the first written offer to purchase the property. You will also receive at least 90 days' written notice before you must move.

Some Important Definitions...

Your relocation benefits can be better understood if you become familiar with the following terms:

Business: Any lawful activity, with the exception of a farm operation, conducted primarily for the purchase, sale, lease and rental of personal or real property, or for the manufacture, processing, and/or marketing of products, commodities, or any other personal property, or for the sale of services to the public, or solely for the purpose of this Act, and outdoor advertising display or displays, when the display(s) must be moved as a result of the project.

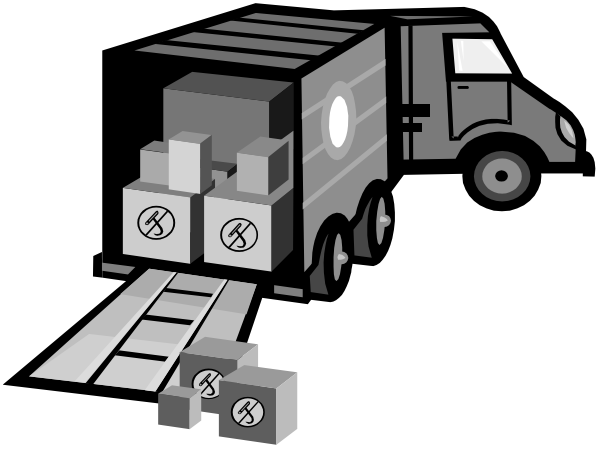
Small Business: A business having not more than 500 employees working at the site being acquired or displaced by a program or project.

Contributes Materially: A business or farm operation must have had average annual gross receipts of at least $5,000 or average annual net earnings of at least $1,000, in order to qualify as a bona-fide operation.

Farm Operation: Any activity conducted solely or primarily for the production of one or more agricultural products or commodities, including timber, for sale and home use, and customarily producing such products or commodities in sufficient quantity to be capable of contributing materially to the operator's support.

Nonprofit Organization: A public or private entity that has established its nonprofit status under applicable law.

MOVING EXPENSES



If you qualify as a displaced business, farm or nonprofit organization, you are entitled to reimbursement of your moving costs and certain related expenses incurred in moving. To qualify you must legally occupy the property as the owner or lessee/tenant when Caltrans initiates negotiations for the acquisition of the property **OR** at the time Caltrans acquires title or takes possession of the property. However, to assure your eligibility and prompt payment of moving expenses, you should contact your Relocation Agent before you move.

You Can Choose Either:

Actual Reasonable Moving Costs - You may be paid for your actual reasonable moving costs and related expenses when a commercial mover performs the move. Reimbursement will be limited to a move of 50 miles or less. Related expenses, with limitations, may include:

- Transportation.
- Packing and unpacking personal property.
- Disconnecting and reconnecting personal property related to the operation.
- Temporary storage of personal property.
- Insurance while property is in storage or transit, or the loss and damage of personal property if insurance is not reasonably available.
- Expenses in finding a replacement location ($2,500 limit).
- Professional services to plan and monitor the move of the personal property to the new location.
- Licenses, permits and fees required at the replacement location.

OR

Self-Move Agreement - You may be paid to

move your own personal property based on the lower of two acceptable bids obtained by Caltrans.

Under this option, you will still be eligible for reimbursement of related expenses listed above that were not included in the bids.

OR

In-Lieu Payment – A small business may be eligible to accept a fixed payment between $1,000 and $40,000, based on your annual earnings IN LIEU OF the moving cost and related expenses. Consult your Relocation Agent for more information about this option.

Actual Reasonable Moving Costs

You may be paid the actual reasonable and necessary costs of your move when a professional mover performs the move. All of your moving costs must be supported by paid receipts or other evidence of expenses incurred. In addition to the transportation costs of your personal property, certain other expenses may also be reimbursable, such as packing, crating, unpacking and uncrating, and the disconnecting, dismantling, removing, reassembling, and

reinstalling relocated machinery, equipment, and other personal property.

Other expenses such as professional services necessary for planning and carrying out the move, temporary storage costs, and the cost of licenses, permits and certifications may also be reimbursable. This is not intended to be an all-inclusive list of moving related expenses. Your Relocation Agent can provide you with a complete explanation of reimbursable expenses.

Self-Move Agreement

If you agree to take full responsibility for all or part of the move of your business, farm, or nonprofit organization, the Department may approve a payment not to exceed the lower of two acceptable bids obtained by the Department from qualified moving firms or a qualified Department staff employee. A low-cost or uncomplicated move may be based on a single bid or estimate at the Department's discretion. The advantage of this moving option is the fact that it relieves the displaced business, farm, or nonprofit organization operator from documenting all moving expenses. The Department may make the payment without additional documentation as long as the payment is limited to the amount of

the lowest acceptable bid or estimate. Other expenses, such as professional services for planning, storage costs, and the cost of licenses, permits, and certifications may also be reimbursable if determined to be necessary. These latter expenses must be pre approved by the Relocation Agent.

Requirements:

Before you move, you must provide Caltrans with the:

- Certified inventory of all personal property to be moved.
- Date you intend to vacate the property.
- Address of the replacement property.
- Opportunity to monitor and inspect the move from the acquired property to the replacement property.

Related Expenses

1. Searching Expenses for Replacement Property: Displaced businesses, farms, and nonprofit organizations are entitled to reimbursement for actual reasonable expenses incurred in searching for a replacement property, not to exceed $2,500. Expenses may include transportation, meals, and lodging when away from home; the reasonable value of the time spent during the search; fees paid to the real estate agents, brokers or consultants; and other expenses determined to be reasonable and necessary by the Department.

2. Direct Loss of Tangible Personal Property: Displaced businesses, farms, and nonprofit organizations may be eligible for a payment for the actual direct loss of tangible personal property which is incurred as a result of the move or discontinuance of the operation. This payment will be based upon the lesser of:

a) The fair market value of the item for continued use at the displacement site minus the proceeds from its sale.

OR

b) The estimated cost of moving and reinstalling the replaced item, based on the lowest acceptable bid or estimate obtained by the Department for eligible moving and related expenses, including dismantling and reassembly, but with no allowance for storage, cost of code requirement betterments or upgrades at the replacement site.

EXAMPLE:
You determine that the "document shredder" cannot be moved to the new location because of its condition, and you will not replace it at the new location.

Fair Market Value of the Document Shredder based on its use at the current location	$ 1,500
Proceeds: Price received from selling the Document Shredder	- $ 500
Net Value	$ 1,000

OR

Estimated cost to move	$ 1,050

Based on the "lessor of", the amount of the "Loss of Tangible Personal Property" = **$ 1,000**

Note: You are also entitled to all reasonable costs incurred in attempting to sell the document shredder (e.g. advertisement).

3. Purchase of Substitute Personal Property:
If an item of personal property, which is used as part of the business, farm, or nonprofit organization, is not moved but is promptly replaced with a substitute item that performs a

comparable function at the replacement site, the displacee is entitled to payment of the lesser of:

a) The cost of the substitute item, including installation costs at the replacement site, minus any proceeds from the sale or trade-in of the replaced item;

OR

b) The estimated cost of moving and reinstalling the replaced item, based on the lowest acceptable bid or estimate obtained by the Department for eligible moving and related expenses, including dismantling and reassembly, but with no allowance for storage, cost of code requirement betterments or upgrades at the replacement site.

EXAMPLE A:

You determine that the copying machine cannot be moved to the new location because it is now obsolete and you will replace it.

Cost of a substitute *Copying Machine* including installation costs at the replacement site.		$ 3,000
Trade-in Allowance	-	$ 2,500
Net Value		$ 500

OR

Estimated cost to move		$ 550

Based on the "lesser of", the amount of the "Substitute Personal Property" =		**$ 500**

EXAMPLE B:

You determine that the chairs will not be used at the new location because they no longer match the décor and you will replace them.

Cost of substitute chairs		$ 1,000
Proceeds: From selling the Chairs	-	$ 100
Net Value		$ 900

OR

Estimated cost to move	$	200
Based on the "lesser of", the amount of the "Substitute Personal Property" =	**$**	**200**

Note: You are also entitled to all reasonable costs incurred in attempting to sell the document shredder (e.g. advertisement).

4. Disconnecting and Reinstallation: You will be reimbursed for your actual and reasonable costs to disconnect, dismantle, remove, reassemble and reinstall any machinery, equipment or other personal property in relation to its move to the new location. This includes connection to utilities available nearby and any modifications to the personalty that is necessary to adapt it to utilities at the replacement site.

5. Physical changes at the new location: You may be reimbursed for certain physical changes to the replacement property if the changes are necessary to permit the reinstallation of machinery or equipment necessary for the continued operation of the business. ***Note:*** *The changes cannot increase the value of the building*

for general purposes, nor can they increase the mechanical capability of the buildings beyond its normal requirements.

6. The cost of installing utilities from the right of way line to the structure(s) or improvements on the replacement site.

7. Marketing studies, feasibility surveys and soil testing.

8. One-time assessments or impact fees for anticipated heavy utility usage.

Reestablishment Expenses

A small business, farm or nonprofit organization may be eligible for a payment, not to exceed $25,000, for expenses actually incurred in relocating and reestablishing the enterprise at a replacement site.

Reestablishment expenses may include, but are not limited to, the following:

1. Repairs or improvements to the replacement real property required by Federal, State or local laws, codes or ordinances.

2. Modifications to the replacement of real property to make the structure(s) suitable for the business operation.

3. Construction and installation of exterior signing to advertise the business.

4. Redecoration or replacement such as painting, wallpapering, paneling or carpeting when required by the condition of the replacement site or for aesthetic purposes.

5. Advertising the new business location.

6. The estimated increased costs of operation at the replacement site during the first two years, for items such as:

    a) Lease or rental charges
    b) Personal or real property taxes
    c) Insurance premiums, and
    d) Utility charges (excluding impact fees).

7. Other items that the Department considers essential for the reestablishment of the business or farm.

In-Lieu Payment (Fixed)

Displaced businesses, farms, and nonprofit organizations may be eligible for a fixed payment in lieu of (in place of) actual moving expenses, personal property losses, searching expense, and reestablishment expenses. The fixed payment may not be less than $1,000 or more than $40,000.

For a business to be eligible for a fixed payment, the Department must determine the following:

1. The business owns or rents personal property that must be moved due to the displacement.

2. The business cannot be relocated without a substantial loss of existing patronage.

3. The business is not part of a commercial enterprise having more than three other businesses engaged in the same or similar activity, which are under the same ownership and are not being displaced by the department.

4. The business contributed materially to the income of the displaced business operator during the two taxable years prior to displacement.

Any business operation that is engaged solely in the rental of space to others is not eligible for a fixed payment. This includes the rental of space for residential or business purposes.

Eligibility requirements for farms and nonprofit organizations are slightly different than business requirements. If you are being displaced from a farm or you represent a nonprofit organization and are interested in a fixed payment, please consult your relocation counselor for additional information.

Note: A nonprofit organization must substantiate that it cannot be relocated without a substantial loss of existing patronage (membership or clientele). The payment is based on the average of two years annual gross revenues less administrative expenses.

The Computation of Your In-Lieu Payment:

The fixed payment for a displaced business or farm is based upon the average annual net earnings of the operation for the two taxable

years immediately preceding the taxable year in which it was displaced. Caltrans can use a different two year period if it is determined that the last two taxable years do not accurately reflect the earnings of the operation.

EXAMPLE: Caltrans acquires your property and you move in 2013:

2011 Annual Net Earnings	$ 10,500
2012 Annual Net Earnings	$ 12,500
TOTAL	$ 23,000
Average over two years	**$ 11,500**

This would be the amount of your in-lieu payment. Remember - this is in-lieu of all other moving benefits. You must provide the Department with proof of net earnings to support your claim.

Proof of net earnings can be documented by income tax returns, certified financial statements, or other reasonable evidence of net earnings acceptable to the Department.

Note: The computation for nonprofit organizations differs in that the payment is computed on the basis of average annual gross revenues less administrative expenses for the two-year period specified above.

Before You Move:

A. Complete a "Request for Determination of Entitlement" form available from your Relocation Agent, and return it promptly.

B. Include a written statement of the reasons the business cannot be relocated without a substantial loss in net earnings.

C. Provide certified copies of tax returns for the two tax years immediately preceding the tax year in which you move. (If you move anytime in the year 2013, regardless of when negotiations began or the State took title to the property, the taxable years would be 2011 and 2012).

D. You will be notified of the amount you are entitled to after the application is received and approved.

E. You cannot receive the payment until after you vacate the property, AND submit a claim for the payment within 18 months of the date of your move.

Relocation Advisory Assistance

Any business, farm or non-profit organization, displaced by Caltrans shall be offered relocation advisory assistance for the purpose of locating a replacement property. Relocation services are provided by qualified personnel employed by Caltrans. It is their goal and desire to be of service to you and assist in any way possible to help you successfully relocate.

A Relocation Agent from Caltrans will contact you personally. Relocation services and payments will be explained to you in accordance with your eligibility. During the initial interview with you, your needs and desires will be determined as well as your need for assistance.

You can expect to receive the following services, advice and assistance from your Relocation Agent who will:

- Determine your needs and preferences.
- Explain the relocation benefits and eligibility.
- Provide information on replacement properties for your consideration.
- Provide information on counseling you can obtain to help minimize hardships in adjusting to your new location.
- Assist you in completing loan documents, rental applications or Relocation Claims Forms.

AND provide information on:

- Security deposits.
- Interest rates and terms.
- Typical down payments.
- Permits, fees and local planning ordinances.
- SBA loan requirements.
- Real property taxes.
- Consumer education literature.

If you desire, your Relocation Agent will give you current listings of other available replacement property. Transportation will be provided to inspect available property, especially if you are elderly or handicapped. Though you may use the services of a real estate broker, Caltrans cannot provide a referral.

Your Relocation Agent is familiar with the services provided by others in your community and will provide information on other federal, state, and local programs offering assistance to displaced persons. If you have special needs, your Relocation Agent will make every effort to secure the services of those agencies with trained personnel who have the expertise to help you.

If the highway project will require a considerable number of people to be relocated, Caltrans will establish a temporary Relocation Field Office on or near the project. Project relocation offices will be open during convenient hours and evening hours if necessary.

In addition to these services, Caltrans is required to coordinate its relocation activities with other agencies causing displacements to ensure that all persons displaced receive fair and consistent relocation benefits.

Remember - YOUR RELOCATION AGENT is there to offer advice and assistance. Do not hesitate to ask questions. And be sure you fully understand all of your rights and available benefits.

YOUR RIGHTS AS A DISPLACEE

It is important to remember that your relocation benefits will not have an adverse effect on your:

- Social Security Eligibility
- Welfare Eligibility
- Income Taxes

In addition, the Title VIII of the Civil Rights Act of 1968 and later acts and amendments make discriminatory practices in the purchase and rental of most residential units illegal if based on race, color, religion, sex, or national origin.

Caltrans' Non-Discrimination Policy ensures that all services and/or benefits will be administered to the general public without regard to race, color, national origin, or sex in compliance with Title VI of the 1964 Civil Rights Act (42 USC 2000d. et seq.).

And you always have the Right to Appeal any decision by Caltrans regarding your relocation benefits and eligibility.

Your Right of Appeal is guaranteed in the "Uniform Act" which states that any person may file an appeal with the head of the responsible

agency if that person believes that the agency has failed to properly determine the person's eligibility or the amount of a payment authorized by the Act.

If you indicate your dissatisfaction, either verbally or in writing, Caltrans will assist you in filing an appeal and explain the procedures to be followed. You will be given a prompt and full opportunity to be heard. You have the right to be represented by legal counsel or other representative in connection with the appeal (but solely at your own expense).

Caltrans will consider all pertinent justifications and materials submitted by you and other available information needed to ensure a fair review. Caltrans will provide you with a written determination resulting from the appeal with an explanation of the basis for the decision. If you are still dissatisfied with the relief granted, Caltrans will advise you that you may seek judicial review.

Americans with Disabilities Act (ADA) Notice:

This document is available in alternative formats for people with physical disabilities. Please call (916) 654-5413, or write to 'Department of Transportation - Right of Way, MS-37, 1120 N Street, Sacramento, CA 95814,' for information.

NOTES:

Non-Residential (2nd Printing)
Effective October 1, 2014

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Appendix D. Consultation and Coordination

The following consultation and coordination actions that are included in this appendix were completed during the preparation of the environmental studies.

- Bay Area Air Quality Conformity Task Force
- Plan Bay Area 2050, List of 2021 Transportation Improvement Plan (TIP) Projects, Transportation Air Quality Conformity Analysis Report Appendix B (US 101/Produce Avenue Interchange project listing, from page 5 of 50)
- FHWA concurrence with the Air Quality Conformity Determination, February 6, 2023.
- Caltrans correspondence submitted to the State Historic Preservation Officer:
    a. December 9, 2021: Caltrans initiated consultation with the SHPO and requested concurrence with the NRHP eligibility determinations
    b. January 28, 2022: Caltrans notified SHPO that more than 30 days had passed with no objection, response, or request for extensions, and Caltrans was proceeding.
    c. September 13, 2022: Caltrans submitted a Finding of No Adverse Effect for the proposed project, regarding the one property found eligible for listing in the NRHP: the Golden Gate Produce Terminal. SHPO reviewed the finding and on September 13, 2022, provided a letter of no objection to the Finding of No Adverse Effect for the project. Receipt of this letter concluded consultation with the SHPO for this project.

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From: Fund Management System
To: eunejune.kim@ssf.net
Cc: Fund Management System; Harold Brazil
Subject: FMS POAQC Project TIP ID SM-110003 (US 101/Produce Avenue New Interchange) update: Project is a not a POAQC
Date: Thursday, September 23, 2021 12:44:43 PM

Dear Project Sponsor

Based on the recent interagency consultation with the Air Quality Conformity Task force, Project TIP ID SM-110003 (FMS ID:4697.00) does not fit the definition of a project of air quality concern as defined by 40 CFR 93.123(b)(1) or 40 CFR 93.128 and therefore is not subject to PM2.5 project level conformity requirement. Please save this email as documentation confirming the project has undergone and completed the interagency consultation requirement for PM2.5 project level conformity. Note project sponsors are required to undergo a proactive public involvement process which provides opportunity for public review as outlined by 40 CFR 93.105(e). For projects that are not of air quality concern, a comment period is only required for project level conformity determinations if such a comment period would have been required under NEPA. For more information, please see FHWA PM2.5 Project Level Conformity Frequently Asked Questions (FAQ):
https://urldefense.com/v3/__http://www.fhwa.dot.gov/environment/air_quality/conformity/reference/faqs/pm25faqs.cfm__;!!ETWISUBM!jh7gx5VJSUitiyC7c1gdqbooCjSAtFxsh1zeIUiZgHumbspmrmVHunra0JhMJzv3HTb6$

If you have any questions, please direct them to Harold Brazil at hbrazil@bayareametro.gov or by phone at 415-778-6747

Report of TIP Revision 2023-02

(By Phase & Fund Source)

PROPOSED

TIP ID: SM-110003 **Revision:** 2023-02 **Version:** 9 **Status:** ACCEPTED **CTIPS ID:** 20600004708

Sponsoring Agency: South San Francisco **Implementing Agency:** South San Francisco

Trans. System: State Highway **Mode:** Auto:100% **Purpose:** EXPANSION:100%

Project Name: US 101/Produce Avenue Interchange Improvements **Hwy Rte:** 101

Proj Description: South San Francisco : On US Highway 101 from Utah Avenue on the east side to the vicinity of Produce Avenue on the west side : Improve the interchange including adding an overcrossing from Utah Avenue on the east side to the vicinity of Produce Avenue

Revision Reason: Update the project description to better reflect the scope of the project

Primary RTP ID: 21-T06-027 **RTP Cycle:** PLANBAYAREA2050 **RTP Cost:**

RTP Description:

AQCTF Review: Review Pending

AQ Description: Non-Exempt (N/A) - N/A

Phase	Fund Source	Total	Prior	FY 22/23	FY 23/24	FY 24/25	FY 25/26	Later	Toll Credit
ENV	OTHER LOCAL	150,000	150,000	-	-	-	-	-	-
ENV	SALESTAX-MEASURE-SM	3,000,000	3,000,000	-	-	-	-	-	-
PSE	PRIVATE-DEV-FEE	1,300,000	1,300,000	-	-	-	-	-	-
PSE	RIP-T5-18-FED-SM	5,000,000	-	5,000,000	-	-	-	-	-
PE	OTHER LOCAL	1,040,000	1,040,000	-	-	-	-	-	-
PE	SALESTAX-MEASURE-SM	500,000	500,000	-	-	-	-	-	-
CON	PRIVATE-DEV-FEE	2,000,000	-	-	-	2,000,000	-	-	-
CON	RTP-LRP	123,500,000	-	-	-	-	-	123,500,000	-
Total Funding		136,490,000	5,990,000	5,000,000	-	2,000,000	-	123,500,000	-

CURRENT

TIP ID: SM-110003 **Revision:** 2023-00 **Version:** 8 **Status:** PROPOSED **CTIPS ID:** 20600004708

Sponsoring Agency: South San Francisco **Implementing Agency:** South San Francisco

Trans. System: State Highway **Mode:** Auto:100% **Purpose:** EXPANSION:100%

Project Name: US 101/Produce Avenue New Interchange **Hwy Rte:** 101

Proj Description: South San Francisco : On US Highway 101 from Utah Avenue on the east side to the vicinity of Produce Avenue on the west side : Construct a local interchange

Revision Reason: 2023 TIP Update - update the funding plan

Primary RTP ID: 21-T06-027 **RTP Cycle:** PLANBAYAREA2050 **RTP Cost:**

RTP Description:

AQCTF Review: Review Pending

AQ Description: Non-Exempt (N/A) - N/A

Phase	Fund Source	Total	Prior	FY 22/23	FY 23/24	FY 24/25	FY 25/26	Later	Toll Credit
ENV	OTHER LOCAL	150,000	150,000	-	-	-	-	-	-
ENV	SALESTAX-MEASURE-SM	3,000,000	3,000,000	-	-	-	-	-	-
PSE	PRIVATE-DEV-FEE	1,300,000	1,300,000	-	-	-	-	-	-
PSE	RIP-T5-18-FED-SM	5,000,000	-	5,000,000	-	-	-	-	-
PE	OTHER LOCAL	1,040,000	1,040,000	-	-	-	-	-	-
PE	SALESTAX-MEASURE-SM	500,000	500,000	-	-	-	-	-	-
CON	PRIVATE-DEV-FEE	2,000,000	-	-	-	2,000,000	-	-	-
CON	RTP-LRP	123,500,000	-	-	-	-	-	123,500,000	-
Total Funding		136,490,000	5,990,000	5,000,000	-	2,000,000	-	123,500,000	-

End of Project SM-110003

List of 2021 TIP Projects

County	Sponsor	Project Title	Project Description	TIP ID	Air Quality Description	RTP ID	Conformity Analysis Year
San Mateo	SSF	US 101/Produce Avenue New Interchange	South San Francisco: On US Highway 101 from Utah Avenue on the east side to the vicinity of Produce Avenue on the west side: Construct a local interchange	SM-110003	NON-EXEMPT	21-T06-027	2025
Santa Clara	Caltrans	SCL-SM I-280 Pavement Preserv. and HOV Extension	Santa Clara and San Mateo Counties: On I-280 from Foothill Blvd(Santa Clara County PM 11.5) to 0.5 mile north of Sand Hill Rd(San Mateo County PM 2.1): Pavement rehab; On SB I-280 from near	SCL190034	NON-EXEMPT	21-T06-017	2025
Santa Clara	San Jose	San Jose - Autumn Street Extension	In San Jose: Autumn St between Julian Street and San Carlos Street: Widen, partially realign, and extend Autumn Street to adequately accommodate projected traffic demand.	SCL110006	NON-EXEMPT	21-T07-056	2050
Santa Clara	San Jose	US 101/Blossom Hill Interchange Improvements	San Jose: At US101/Blossom Hill I/C: Reconstruct I/C including the widening of Blossom Hill Rd, signal upgrades and other modifications to eliminate congestion caused by merge and weave problems and	SCL030006	NON-EXEMPT	21-T06-028	2025
Santa Clara	Santa Clara Co	Montague Expwy Widening - Trade Zone-Great Mall	Santa Clara County: Montague Expressway between Trade Zone and Great Mall Blvd: Widen roadway to 8 lanes	SCL090017	NON-EXEMPT	21-T07-056	2025
Santa Clara	VTA	BART - Berryessa to San Jose Extension	San Jose: From Berryessa Station to San Jose and Santa Clara: Extend BART line	BRT030001	NON-EXEMPT	21-T11-109	2030
Santa Clara	VTA	Calaveras Boulevard Widening	Milpitas: Calaveras Blvd. overpass at UPRR tracks from Abel St to Town Center Blvd: Widen from 4 to 6 lanes and modify signing, striping and signals	SCL190009	NON-EXEMPT	21-T07-056	2040
Santa Clara	VTA	Eastridge to BART Regional Connector	San Jose: At the Eastridge Transit Center: Ph I (completed) - Improve and expand transit center; Capitol Expwy Light Rail from Alum Rock Transit Center to Eastridge Transit Center: Ph II - Extend light rail,	SCL050009	NON-EXEMPT	21-T10-087	2025
Santa Clara	VTA	I-280 HOV - San Mateo County line to Magdalena Ave	Santa Clara County: On I-280 NB from the existing HOV lane near Magdalena Ave to the San Mateo County Line and SB from approximately 3200 ft north of the existing HOV lane near Magdalena Ave to the	SCL190004	NON-EXEMPT	21-T06-017	2040
Santa Clara	VTA	LRT Extension to Vasona Junction and Double Track	Campbell and San Jose: From the existing Winchester Station to a new Vasona Junction Station, near Route 85: Extend the light-rail line and double-track single-track sections of the Vasona line	SCL090040	NON-EXEMPT	21-T10-089	2040
Santa Clara	VTA	Santa Clara County - US 101 Express Lanes	In Santa Clara County: From Cochrane Rd. in Morgan Hill to San Mateo County line in Palo Alto: Implement roadway pricing on US 101 carpool lane	SCL110002	NON-EXEMPT	21-T12-116	2025
Santa Clara	VTA	SR 152 New Alignment	Santa Clara/ San Benito counties: SR152 between US101 and SR156: Complete PA&ED for new alignment the highway.	SCL090016	NON-EXEMPT	21-T06-042	Not Modelled
Santa Clara	VTA	SR 17 Congestion Relief in Los Gatos	Los Gatos: On both directions of SR 17 from Lark Ave to south of SR 9 IC: Construct aux lanes including modifications to on-ramps and off-ramps to improve operations and relieve congestion; Along SR-	SCL190014	NON-EXEMPT	21-T06-032	2030
Santa Clara	VTA	SR 237 WB Auxiliary Lane fr McCarthy to North 1st	Santa Clara County: SR 237 between McCarthy Boulevard and North First Street: Add westbound auxiliary lane	SCL190005	NON-EXEMPT	21-T06-043	2025
Santa Clara	VTA	SR 85 Express Lanes	Santa Clara County: On SR 85 carpool lane from US 101 in San Jose to US 101 in Mountain View including the US 101/SR 85 HOV direct connectors and approaches: Install ETS and implement roadway	SCL090030	NON-EXEMPT	21-T12-116	2025
Santa Clara	VTA	US 101/Buena Vista Avenue Interchange Improvement	Gilroy: At Buena Vista Ave. overcrossing at US 101: Construct a complete interchange by widening the overcrossing structure and adding new northbound and southbound on and off ramps.	SCL190010	NON-EXEMPT	21-T06-028	2030
Santa Clara	VTA	US 101/De L Cruz Blvd - Trimble Road I/C Imp	Santa Clara: At the US101/De La Cruz Blvd/Trimble Rd IC: Modify interchange into a partial cloverleaf.	SCL190008	NON-EXEMPT	21-T06-028	2025
Santa Clara	VTA	US 101/Zanker Road-Skyport Drive-N. Fourth St. Imp	San Jose: US101 at Zanker Rd/Skyport Dr./N. 4th St: Construct a new overcrossing over US 101 connecting Zanker Rd to Skyport Dr-N. Fourth St to create a new north-south corridor parallel to N. First St	SCL190007	NON-EXEMPT	21-T06-028	2030
Solano	Fairfield	Fairfield/Vacaville Intermodal Rail Station	Fairfield: Capitol Corridor: Construct train station with passenger platforms, pedestrian undercrossing, highway overcrossing, park and ride lot,bike and other station facilities. Project is phased.	SOL030002	NON-EXEMPT	21-T11-115	2025

U.S. Department of Transportation
Federal Highway Administration

California Division

650 Capitol Mall, Suite 4-100
Sacramento, CA 95814
(916) 498-5001
(916) 498-5008 (FAX)

February 6, 2023

In Reply, Refer To:
HDA-CA

ELECTRONIC CORRESPONDENCE ONLY

Ms. Dina El-Tawansy, District Director
California Department of Transportation,
District 4
P.O. Box 2366
Oakland, CA 94623-0660

SUBJECT: Project Level Conformity Determination for the US 101/Produce Avenue Interchange Project (CTIPS ID 206-0000-4708)

Dear Ms. El-Tawansy:

On January 27, 2023, the California Department of Transportation (Caltrans) submitted to the Federal Highway Administration (FHWA) a complete request for a project level conformity determination for the US 101/Produce Avenue Interchange Project. The project is in an area that is designated Non-Attainment or Maintenance for Ozone, and Particulate Matter (PM 2.5).

The project level conformity analysis submitted by Caltrans indicates that the project-level transportation conformity requirements of 40 CFR Part 93 have been met. The project is included in the Metropolitan Transportation Commission's (MTC) current Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP), as amended. The design concept and scope of the preferred alternative have not changed significantly from those assumed in the regional emissions analysis.

As required by 40 CFR 93.116 and 93.123, the localized $PM_{2.5}$ and PM_{10} analyses are included in the documentation. The analyses demonstrate that the project will not create any new violations of the standards or increase the severity or number of existing violations.

Based on the information provided, FHWA finds that the US 101/Produce Avenue Interchange Project conforms with the State Implementation Plan (SIP) in accordance with 40 CFR Part 93.

If you need additional information or assistance regarding this matter, please contact Patrick Pittenger, at (916) 498-5854 or Patrick.Pittenger@dot.gov.

Sincerely,

Antonio Johnson
Director of Planning, Environment,
& Right of Way
Federal Highway Administration

TO:

Dina El-Tawansy, Caltrans
Dina.El-Tawansy@dot.ca.gov

CC (via email):

Shilpa Mareddy, Caltrans
Kevin Krewson, Caltrans
Lucas Sanchez, Caltrans
Rodney Tavitas, Caltrans
Vincent Mammano, FHWA
Elissa Konove, FHWA
Antonio Johnson, FHWA
Patrick Pittenger, FHWA

Shilpa.Mareddy@dot.ca.gov
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Vincent.Mammano@dot.gov
Elissa.Konove@dot.gov
Antonio.Johnson@dot.gov
Patrick.Pittenger@dot.gov

Kubal, Kathleen

From: Palmer, Charles@DOT <Charles.Palmer@dot.ca.gov>
Sent: Friday, January 28, 2022 2:28 PM
To: OHP, CALSHPO@Parks
Cc: Lindquist, Natalie@Parks; Woodward, Lucinda@Parks; Perez, Alicia@Parks; Price, David@DOT; Busse, Lindsay@DOT; Rose, Kathryn@DOT; Blackmore, Helen@DOT; Kubal, Kathleen; Zimmerman, Jeff
Subject: [EXTERNAL] 106 U.S. 101/Produce Avenue Overcrossing Project, South San Francisco, San Mateo County

Dear Ms. Polanco,

Caltrans District 4 submitted, on December 9, 2021, the HPSR, ASR and HRER for the U.S. 101/Produce Avenue Overcrossing Project, South San Francisco, San Mateo County, containing the evaluations of five built resources that were determined not eligible for the National Register of Historic Places, and one built resource that was determined eligible (Golden Gate Produce Terminal, 131 Terminal Court, South San Francisco, APN 015-113-210).

Because more than 30 days have passed without objection, comment, or a request for an extension, Caltrans is notifying your office that we will move forward with the undertaking according to Stipulation VIII.C.6.a of the Section 106 PA. Please let me know if you have any questions.

Thank you,

Charles C. Palmer
Associate Environmental Planner/Principal Architectural Historian
Office of Cultural Resource Studies
Caltrans District 4 - Environmental Planning
(510) 847-2654

From: Palmer, Charles@DOT
Sent: Thursday, December 9, 2021 3:44 PM
To: OHP, CALSHPO@Parks <CALSHPO.OHP@parks.ca.gov>
Cc: Lindquist, Natalie@Parks <Natalie.Lindquist@parks.ca.gov>; Woodward, Lucinda@Parks <Lucinda.Woodward@parks.ca.gov>; Perez, Alicia@Parks <Alicia.Perez@parks.ca.gov>; Price, David@DOT <David.Price@dot.ca.gov>; Busse, Lindsay@DOT <lindsay.busse@dot.ca.gov>; Rose, Kathryn@DOT <kathryn.rose@dot.ca.gov>; Blackmore, Helen@DOT <Helen.Blackmore@dot.ca.gov>
Subject: 106 U.S. 101/Produce Avenue Overcrossing Project, South San Francisco, San Mateo County

Ms. Polanco,

The California Department of Transportation (Caltrans) is initiating consultation with you regarding the proposed project on United States Highway 101 in the City of South San Francisco, in San Mateo County (Undertaking).

A separate email is being sent with a link to the Historic Property Survey Report (HPSR), Archaeological Survey Report (ASR), and HRER for the proposed Undertaking. In accordance with Stipulation VIII.C.6 of the PA, Caltrans is requesting SHPO's concurrence with the National Register of Historic Places (NRHP) eligibility determinations for six properties within the Undertaking's Area of Potential Effect. Five properties have been determined ineligible for the NRHP, and one has been determined eligible.

Thank you,

Charles C. Palmer
Associate Environmental Planner/Principal Architectural Historian
Office of Cultural Resource Studies
Caltrans District 4 - Environmental Planning
(510) 847-2654

State of California • Natural Resources Agency
Gavin Newsom, *Governor*

DEPARTMENT OF PARKS AND RECREATION
OFFICE OF HISTORIC PRESERVATION
Armando Quintero, *Director*

Julianne Polanco, State Historic Preservation Officer
1725 23rd Street, Suite 100, Sacramento, CA 95816-7100
Telephone: (916) 445-7000 FAX: (916) 445-7053
calshpo.ohp@parks.ca.gov www.ohp.parks.ca.gov

September 13, 2022

VIA EMAIL In reply refer to: FHWA_2021_1209_001

Mr. David Price, Section 106 Coordinator
Caltrans Cultural Studies Office
Division of Environmental Analysis
1120 N Street, PO Box 942873, MS-27
Sacramento, CA 94273-0001

Subject: Finding of Effect for the Proposed Highway 101 – Produce Avenue Overcrossing Project, South San Francisco, San Mateo County, California

Dear Mr. Price:

Caltrans is continuing consultation regarding the above project in accordance with the January 1, 2014 *First Amended Programmatic Agreement Among the Federal Highway Administration (FHWA), the Advisory Council on Historic Preservation, the California State Historic Preservation Officer (SHPO), and the California Department of Transportation Regarding Compliance with Section 106 of the National Historic Preservation Act, as it Pertains to the Administration of the Federal-Aid Highway Program in California* (106 PA). As part of your documentation, Caltrans submitted a Finding of No Adverse Effect (FNAE) for the proposed project.

Caltrans is proposing to construct a new overcrossing over U.S. Highway 101, extending from the Utah Avenue/South Airport Boulevard intersection to San Mateo Avenue (Undertaking). A full project description can be found on Page 3 of the Finding of No Adverse Effect Report.

As part of its identification effort, Caltrans identified one property that is eligible for listing on the National Register of Historic Places (NRHP): the Golden Gate Produce Terminal located at 131 Terminal Court.

Caltrans applied the Criteria of Adverse Effect as defined in 36 CFR 800.5(a)(1) and found that no historic properties will be adversely affected as part of this undertaking. The undertaking as proposed will not adversely affect the Golden Gate Produce Terminal's ability to convey its historic significance.

Based on my review of the submitted documentation, I have no objections to Caltrans' finding of no adverse effect for this undertaking.

If you have any questions, please contact Natalie Lindquist at natalie.lindquist@parks.ca.gov .

Sincerely,

Julianne Polanco
State Historic Preservation Officer

Appendix E. Environmental Commitment Record

To be sure that all of the environmental measures identified in this document are executed at the appropriate times, the following mitigation program (as articulated on the proposed Environmental Commitments Record [ECR] which follows) would be implemented. During project design, avoidance, minimization, and/or mitigation measures will be incorporated into the project's final plans, specifications, and cost estimates, as appropriate. All permits will be obtained prior to implementation of the project. During construction, environmental and construction/engineering staff will ensure that the commitments contained in this ECR are fulfilled. Following construction and appropriate phases of project delivery, long-term mitigation maintenance and monitoring will take place, as applicable. As the following ECR is a draft, some fields have not been completed, and will be filled out as each of the measures is implemented. Note: Some measures may apply to more than one resource area. Duplicative or redundant measures have not been included in this ECR.

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Resource Category	Task Number	Task Description	Applicable Alternatives	Responsible Branch	Measure Type (avoidance and minimization measure [AMM]; or compensation)	Mitigation for significant impacts under CEQA?	Project Phase
Aesthetics	VIS-01	**Aesthetic Treatments.** New structures, including the overcrossing structure and retaining walls, will match or enhance the aesthetics of the corridor through context-sensitive designs. The visual simulations in Section 2.2.9.3 show one potential design for the overcrossing structure, but specific aesthetic treatments will ultimately be determined during the detailed design phase.	Build Alternative	Design	AMM	No	Construction
Aesthetics	VIS-02	**Construction Impact Measures.** • Contractor staging areas shall use unvegetated, preferably paved areas. The project requires acquisition of two parcels, at the IHOP Restaurant on South Airport Boulevard and the commercial building on San Mateo Avenue, and these properties would be available for contractor staging use. • Place unsightly materials, equipment storage and staging so that they are not visible within the foreground of the highway corridor to the maximum extent feasible. Where such siting is unavoidable, material and equipment shall be visually screened to minimize visibility from the roadway and nearby sensitive off-road receptors.	Build Alternative	Construction	AMM	No	Construction
Biological	BIO-01	**Best Management Practices (BMPs).** A water pollution control program (WPCP) and erosion control BMPs will be developed and implemented to minimize wind or water-related material discharges, in compliance with the requirements of the Regional Water Quality Control Board. The WPCP will provide measures to avoid and minimize stormwater and non-stormwater discharges; temporary construction BMPs will be used to the maximum extent necessary.	Build Alternative	Construction	AMM	No	Construction
Biological	BIO-02	**Vegetation Removal.** Vegetation removal is limited to landscaped plants, and will be minimized to the greatest extent feasible. No clearing or grubbing will be permitted beyond designated construction sites. All cleared vegetation will be removed from the BSA to avoid attracting wildlife. The contractor will be responsible for obtaining all permits, licenses, and environmental clearances for properly disposing such materials.	Build Alternative	Construction	AMM	No	Construction

Resource Category	Task Number	Task Description	Applicable Alternatives	Responsible Branch	Measure Type (avoidance and minimization measure [AMM]; or compensation)	Mitigation for significant impacts under CEQA?	Project Phase
Biological	BIO-03	**Tree Removal.** To minimize effects on trees that occur within the project footprint, the following minimization measures will be implemented: • Only those trees requiring removal will be cut down. • Whenever possible, trees will be trimmed rather than removed. To avoid potential damage to retained trees, trees will be safeguarded during construction through implementation of the following measures as applicable: • No construction equipment, vehicles, or materials will be stored, parked or staged within the tree dripline; and • Work will not be performed within the dripline of remaining trees. If trees are damaged during construction and become unhealthy or die, the damaged tree(s) will be removed and replaced. During final design, Caltrans will develop a landscaping plan that will identify the location and number of trees that will be replanted within the ROW. Trees that are removed will be replaced at a 1:1 ratio if sufficient space and sight distance requirement allow for safe replacement.	Build Alternative	Construction, Design	AMM	No	Construction
Biological	BIO-04	**ESA area at Colma Creek.** The bed and banks of Colma Creek shall be identified in project plans as an ESA, where temporary and permanent work is prohibited. No temporary lighting for construction would be implemented at Colma Creek due to the ESA.	Build Alternative	Construction, Biology	AMM	No	Preconstruction, Construction
Biological	BIO-05	**Preconstruction Nesting Bird Surveys.** Tree removal or trimming will be conducted during the non-nesting period, between September 1 and January 31, to the maximum extent feasible. If vegetation trimming or tree removal cannot be completed prior to January 31 and must occur between February 1 and August 31, a qualified biologist(s) will survey for nesting birds, including raptors. The BSA will include the project footprint and a buffer approximately 300 feet beyond its boundaries. If active raptor nests are detected within 300 feet of an active construction site, or if active nests of other migratory birds are detected within 50 feet, the biological monitor will establish an appropriate non-disturbance buffer to avoid direct effects of construction-related disturbance. All nest avoidance requirements of the Migratory Bird Treaty Act and the California Fish and Game Code will be observed.	Build Alternative	Biology	AMM	No	Preconstruction
Biological	BIO-06	To eliminate attraction to predators of protected species, all food-related trash items (e.g., wrappers, cans, bottles, and food scraps) will be disposed in solid, closed containers (trash cans) and will be removed from the BSA at the end of each day.	Build Alternative	Construction	AMM	No	Construction
Biological	BIO-07	To prevent listed species from becoming entangled or trapped in erosion-control materials, plastic mono-filament netting (i.e., erosion-control matting or wattles) or similar material will not be used in the BSA. Straw wattles will be made of natural fiber, and no plastic or synthetic material will be used.	Build Alternative	Construction	AMM	No	Construction

Resource Category	Task Number	Task Description	Applicable Alternatives	Responsible Branch	Measure Type (avoidance and minimization measure [AMM]; or compensation)	Mitigation for significant impacts under CEQA?	Project Phase
Cultural	CUL-01	During project construction, if previously unidentified cultural resources are unearthed, all earth-moving activity within and around the immediate discovery area will be halted until a qualified archaeologist can assess the nature and significance of the find. If remains are discovered during excavation, all work within 60 feet of the discovery will halt and Caltrans' Office of Cultural Resource Studies (OCRS) will be called. Caltrans OCRS staff will assess the remains and, if determined human, will contact the County Coroner as per Public Resources Code (PRC) Sections 5097.98, 5097.99, and 7050.5 of the California Health and Safety Code. If the Coroner determines the remains to be Native American, the Coroner will contact the Native American Heritage Commission who will assign a Most Likely Descendant. Caltrans will consult with the Most Likely Descendant on treatment and reburial of the remains. Further provisions of PRC 5097.98 are to be followed as applicable.	Build Alternative	Construction, Archaeology	AMM	No	Construction

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Appendix F. List of Acronyms and Abbreviations

AB	Assembly Bill
ABAG	Association of Bay Area Governments
ACHP	Advisory Council on Historic Preservation
ACM	asbestos-containing material
ADA	Americans with Disabilities Act
ADL	aerially deposited lead
ADT	Average Daily Traffic
AMM	avoidance, minimization, and mitigation measure
APE	Area of Potential Effect
APN	Assessor's Parcel Number
AQCTF	Air Quality Conformity Task Force
ARB	California Air Resources Board
BAAQMD	Bay Area Air Quality Management District
BATA	Bay Area Toll Authority
Bay Plan	Bay Conservation and Development Commission San Francisco Bay Plan
BCDC	Bay Conservation and Development Commission
BMP	best management practices
Btu	British Thermal Unit
CAAQS	California Ambient Air Quality Standards
CAFÉ	Corporate Average Fuel Economy
Cal-IPC	California Invasive Plant Council
Caltrans	California Department of Transportation
CCAA	California Clean Air Act
CDFA	California Department of Food and Agriculture
CDFW	California Department of Fish and Wildlife
CDOC	California Department of Conservation
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESA	California Endangered Species Act

CFGC	California Fish and Game Code
CFR	Code of Federal Regulations
CHP	California Highway Patrol
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CREC	Controlled Recognized Environmental Condition
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
creel	cumulative sound exposure level
CTP	California Transportation Plan
CWA	Clean Water Act
CZMA	Coastal Zone Management Act
dB	decibel
dBA	A-weighted decibel
DDT	dichlorodiphenyltrichloroethane
DPS	distinct population segment
DSA	disturbed soil area
DTSC	Department of Toxic Substances Control
EA	Environmental Assessment
EFH	essential fish habitat
EIA	United States Energy Information Administration
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMFAC	Emission Factors Model
ESA	Environmentally Sensitive Area
EO	Executive Order
ESU	evolutionarily significant unit
FCAA	Federal Clean Air Act
FE	federally listed as endangered
FEMA	Federal Emergency Management Act
FESA	Federal Endangered Species Act

FHWA	Federal Highway Administration
FHWG	Fisheries Hydroacoustic Working Group
FIGR	Federated Indians Graton Rancheria
FIRM	Flood Insurance Rate Map
FMP	Fisheries Management Plan
FONSI	Finding of No Significant Impact
FP	Fully Protected species
FPPA	Farmland Protection Policy Act
FR	Federal Register
FT	federally listed as threatened
FTIP	Federal Transportation Improvement Program
GHG	greenhouse gas
GP	general purpose
GWP	global warming potential
HAS	hydrologic subarea
HCP	Habitat Conservation Plan
HFC	hydrofluorocarbons
HOV	high-occupancy vehicle
HREC	Historical Recognized Environmental Condition
H&SC	Health and Safety Code
I-80	Interstate 80
I-580	Interstate 580
in/sec	inch per second
ISA	Initial Site Assessment
KV	key view
lbs/day	pounds per day
LCFS	low carbon fuel standard
LEDPA	least environmentally damaging practicable alternative
$L_{eq[h]}$	Hourly Equivalent Sound Level
LOS	Level of Service
Management Program	Management Program for the San Francisco Bay Segment of the California Coastal Zone
MBTA	Migratory Bird Treaty Act
$\mu g/m^3$	micrograms per cubic meter

MGS	Midwest Guard Rail System
MHHW	mean higher high water
MMB	movable median barrier
MMT	million metric tons
$MMTCO_2e$	million metric tons of carbon dioxide equivalent
MOU	Memorandum of Understanding
mph	miles per hour
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MS4	municipal separate storm sewer system
MSA	Magnuson-Stevens Fishery Conservation and Management Act of 1976
MSAT	mobile source air toxics
MT	metric ton
MTC	Metropolitan Transportation Commission
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NAC	noise abatement criteria
NAVD88	North American Vertical Datum of 1988
NCST	National Center for Sustainable Transportation
NEPA	National Environmental Policy Act
NES	Natural Environment Study
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NNIP	nonnative invasive plant
NOAA	National Oceanic and Atmospheric Administration
NO_2	nitrogen dioxide
NO_X	oxides of nitrogen
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
NSGA	Naval Security Group Activity
O_3	ozone
OHWM	ordinary high water mark

OPC	Ocean Protection Council
ORT	Open Road Tolling
OSHA	Occupational Safety and Health Act
PA	Programmatic Agreement
PAD	Passage Assessment Database
PCB	polychlorinated biphenyl
PDA	priority development area
PDT	Project Development Team
PEL	Planning and Environmental Linkages Study
PG&E	Pacific Gas and Electric Company
PIR/PER	Paleontological Identification Report/Paleontological Evaluation Report
PM	post mile
PM	particulate matter
PM_{10}	particulate matter 10 micrometers or smaller
$PM_{2.5}$	particulate matter 2.5 micrometers and smaller
POAQC	project of Air Quality Concern
POM	polycyclic organic matter
ppm	parts per million
ppt	parts per thousand
PPV	peak particle velocity
PRC	Public Resources Code
PS and E	Plans, Specifications, and Estimates
PSI	preliminary site investigation
PSR-PDS	Project Study Report-Project Development Support
RAP	Relocation Assistance Program
RCEM	Sacramento Metropolitan Air Quality Management District's Road Construction Model
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
Refuge	San Pablo Bay National Wildlife Refuge
ROG	reactive organic gas
RTP	regional transportation plan
RWQCB	Regional Water Quality Control Board

SAFE	Safer Affordable Fuel-Efficient
SB	Senate Bill
SCS	Sustainable Communities Strategy
SDC	Seismic Design Criteria
SE	state-listed as endangered
SEL	sound exposure level
SF6	sulfur hexafluoride
SFBAAB	San Francisco Bay Area Air Basin
SFEI	San Francisco Estuary Institute
SFHA	Special Flood Hazard Area
SFRWQCB	San Francisco Bay Regional Water Quality Control Board
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SLC	State Land Commission
SLR	sea-level rise
SO_2	sulfur dioxide
SOV	single-occupancy vehicle
SR	State Route
SSC	Species of Special Concern
ST	state-listed as threatened
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TCE	temporary construction easement
TDM	Transportation Demand Management
TIP	Transportation Improvement Program
TM1	Travel Model One
TMDL	total maximum daily load
TMP	transportation management plan
TSM	Traffic Systems Management
U.S. EPA	United States Environmental Protection Agency
UAIC	United Auburn Indian Community
UCMP	University of California Museum of Paleontology
US 101	United States Highway 101

USACE	United States Army Corps of Engineers
USC	United States Code
USCG	United States Coast Guard
USDOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
USGCRP	United States Global Change Research Program
USGS	United Sates Geological Survey
UST	Underground Storage Tank
UXO	unexploded ordnance
VDECS	Verified Diesel Emissions Control Strategy
VHD	vehicle hours of delay
VHT	vehicle hours traveled
VMT	vehicle miles traveled
vph	vehicles per hour
WDR	Waste Discharge Requirements
WEF	wildlife exclusion fencing
WPCP	water pollution control program

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Appendix G. Notice of Preparation

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Notice of Preparation

To: State Clearinghouse
1400 Tenth Street
Sacramento, CA 95814

From: California Dept. of Transportation
111 Grand Ave, MS 8-B
Oakland, CA 94612

Subject: Notice of Preparation of a Draft Environmental Impact Report

California Dept. of Transportation (Caltrans) District 4 will be the Lead Agency and will prepare an environmental impact report for the project identified below. We need to know the views of your agency as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency will need to use the EIR prepared by our agency when considering your permit or other approval for the project.

The project description, location, and the potential environmental effects are contained in the attached materials. A copy of the Initial Study (☐ is ■ is not) attached.

Due to the time limits mandated by State law, your response must be sent at the earliest possible date but not later than 30 days after receipt of this notice.

Please send your response to Tanvi.Gupta@dot.ca.gov at the address shown above. We will need the name for a contact person in your agency.

Project Title: _____

Project Applicant, if any: _____

Date 8/4/2021

Signature _____

Title Zach Gifford

Telephone 510-506-1264

Reference: California Code of Regulations, Title 14, (CEQA Guidelines) Sections 15082(a), 15103, 15375.

Notice of Preparation of an Environmental Impact Report

U.S. 101/Produce Avenue Interchange Project

The California Department of Transportation (Caltrans) District 4 is preparing an Environmental Impact Report (EIR) consistent with the requirements of the California Environmental Quality Act (CEQA), and a joint Environmental Assessment (EA) to meet the requirements of the National Environmental Policy Act (NEPA). The purpose of this Notice of Preparation (NOP) is to notify agencies, organizations, and individuals of this intent, and request input on the scope and content of the proposed EIR/EA.

Scoping Period for Receipt of Comments

Comments must be received by September 9, 2021. Send written comments to:

Caltrans District 4
Attn: Tanvi Gupta
P.O. Box 23660, MS 8B
Oakland, CA 94623-0660

Or by email to: Tanvi.Gupta@dot.ca.gov

Virtual Scoping Meeting

A virtual scoping meeting will be held on Tuesday, August 24, 2021, from 6:00 to 7:30 PM. At the meeting, attendees can ask questions about the project. However, questions and discussion at the meeting are not considered scoping comments and all scoping comments must be submitted by mail, e-mail, or at the project website to be shared with the entire project development team. Attendance at the virtual scoping meeting is not required to submit comments. Please visit http://www.ssf.net/101Produce for more information about the project and to join the virtual scoping meeting.

Project Description

The City of South San Francisco, and the San Mateo County Transportation Authority (SMCTA), are the sponsors of the US 101/Produce Avenue Interchange Project (the project), located in the City of South San Francisco, San Mateo County. The project area is shown in Figure 1. The California Department of Transportation is the lead agency responsible for the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) review and approval.

The project is considering one Build Alternative and a No Build alternative. The Build Alternative would include a new US 101 overcrossing extending from the Utah Avenue/South Airport Boulevard intersection to San Mateo Avenue (referred to as the Utah Avenue extension). The overcrossing would provide two lanes in each direction as well as sidewalks and Class II bike lanes.

The intersections at S. Airport Boulevard/Utah Avenue and San Mateo Avenue/Utah Avenue would also be reconstructed to include turning lanes and connect to the new overcrossing. The Airport Boulevard/Produce Avenue/San Mateo Avenue intersection would be modified, or reconstructed, to include new through lanes and turning lanes.

Bicycle and Pedestrian Improvements

The Build Alternative would include the following new bicycle and pedestrian facilities:

- Class II bike lanes would be constructed in each direction on Utah Avenue between San Mateo Avenue and South Airport Boulevard. Bike lanes would also extend for several hundred feet north and south on South Airport Boulevard and Utah Avenue east of South Airport Boulevard.
- Sidewalks would be constructed on the overcrossing and would extend along Utah Avenue on both sides of US 101 connecting to pedestrian facilities at the Utah Avenue/San Mateo Avenue intersection west of US 101 and the Utah Avenue/South Airport Boulevard intersection east of US 101.
- Signalized crosswalks would be constructed at the intersections of Utah Avenue/South Airport Boulevard and Utah Avenue/San Mateo Avenue.
- The signals at the intersections of Airport Boulevard and Produce Avenue and Produce and San Mateo Avenue would be modified. Class II bike lanes would be added to San Mateo Avenue and South Airport Boulevard at these intersections to separate bikes from vehicles making right turns. Sidewalks and pedestrian crossings would be provided in all directions (with the exception of the southbound freeway off and on ramps connecting to S. Airport Boulevard).

All project improvements would be designed following the applicable provisions of the Americans with Disabilities Act (ADA).

Property Acquisitions and Changes

No residential property acquisitions or residential temporary construction easements are currently anticipated as part of the project. However, the Build Alternative may require full or partial property acquisitions, as well as permanent easements to accommodate the proposed overcrossing structure and intersection improvements. Non-residential temporary construction easements may also be required as part of the Build Alternative.

No Build (No Action) Alternative

The No Build Alternative assumes no modifications would be made to the current Utah Avenue or improvements made to local roadway intersections, other than routine maintenance and rehabilitation of the facility and any currently planned and programmed projects within the City of South San Francisco.

The No Build Alternative would not alleviate current and future traffic or improve traffic on local streets. It would not enhance vehicular, pedestrian or bicycle safety and would not provide a local east-west connection across US 101 to help serve commercial and pedestrian traffic.

Anticipated Permits and Approvals

The following environmental permits and approvals have been identified as potentially be required for project construction:

- **Bay Area Air Quality Task Force**: Demonstration of the project's conformity to Clean Air Act and other requirements.
- **State Historic Preservation Officer (SHPO):** Concurrence on findings with respect to historic resources and requirements of Section 106 of the National Historic Preservation Act.
- **San Francisco Bay Regional Water Quality Control Board (RWQCB Region 2)**: Section 401 Water Quality Certification; National Pollutant Discharge Elimination System (NPDES) approval for work greater than one acre.

Figure 1: Project Location Map

Potential Environmental Effects/Topics to be Studied

Based on preliminary surveys and information, Caltrans identified the following main subject areas for analysis in the EIR/EA. The scope of environmental analysis could be modified based on input from this Notice of Preparation and project scoping.

- Aesthetics
- Air Quality
- Biological Resources
- Climate Change
- Community
- Cultural Resources
- Energy
- Greenhouse Gas Emissions
- Hazards & Hazardous Materials
- Hydrology/Water Quality
- Land Use/Planning
- Noise
- Tribal Cultural Resources
- Paleontology
- Public Services
- Recreation
- Transportation, Bicycle, and Pedestrian Travel
- Utilities/Service Systems
- Mandatory Findings of SignificanceConstruction-Related Impacts

Appendix H. USFWS and NOAA Fisheries Service Species Lists

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United States Department of the Interior

FISH AND WILDLIFE SERVICE
Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
Phone: (916) 414-6600 Fax: (916) 414-6713

In Reply Refer To: January 25, 2023
Project Code: 2022-0051169
Project Name: US 101/Produce Avenue project

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see https://www.fws.gov/birds/policies-and-regulations.php.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
(916) 414-6600

Project Summary

Project Code: 2022-0051169
Project Name: US 101/Produce Avenue project
Project Type: Road/Hwy - New Construction
Project Description: This project would include a new US 101 overcrossing extending from the Utah Avenue/South Airport Boulevard intersection to San Mateo Avenue (referred to as the Utah Avenue extension). The intersections at South Airport Boulevard/Utah Avenue and San Mateo Avenue/Utah Avenue would also be reconstructed to include turning lanes and connect to the new overcrossing. The Airport Boulevard/Produce Avenue/San Mateo Avenue intersection would be modified, or reconstructed.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@37.64732031673966,-122.40718612363415,14z

Counties: San Mateo County, California

Endangered Species Act Species

There is a total of 18 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Salt Marsh Harvest Mouse *Reithrodontomys raviventris* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/613	Endangered

Birds

NAME	STATUS
California Clapper Rail *Rallus longirostris obsoletus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4240	Endangered
California Least Tern *Sterna antillarum browni* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8104	Endangered
Marbled Murrelet *Brachyramphus marmoratus* Population: U.S.A. (CA, OR, WA) There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4467	Threatened
Western Snowy Plover *Charadrius nivosus nivosus* Population: Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast) There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8035	Threatened

Reptiles

NAME	STATUS
Green Sea Turtle *Chelonia mydas* Population: East Pacific DPS No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6199	Threatened
San Francisco Garter Snake *Thamnophis sirtalis tetrataenia* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5956	Endangered

Amphibians

NAME	STATUS
California Red-legged Frog *Rana draytonii* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2891	Threatened

Fishes

NAME	STATUS
Delta Smelt *Hypomesus transpacificus* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/321	Threatened
Tidewater Goby *Eucyclogobius newberryi* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/57	Endangered

Insects

NAME	STATUS
Monarch Butterfly *Danaus plexippus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

Flowering Plants

NAME	STATUS
California Seablite *Suaeda californica* Population: No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6310	Endangered
Franciscan Manzanita *Arctostaphylos franciscana* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5350	Endangered
Presidio Manzanita *Arctostaphylos hookeri var. ravenii* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7216	Endangered
Robust Spineflower *Chorizanthe robusta var. robusta* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9287	Endangered
San Francisco Lessingia *Lessingia germanorum (=L.g. var. germanorum)* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8174	Endangered
Showy Indian Clover *Trifolium amoenum* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6459	Endangered
White-rayed Pentachaeta *Pentachaeta bellidiflora* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7782	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

IPaC User Contact Information

Agency:	California Department of Transportation District 4
Name:	David Pecora
Address:	300 Lakeside Drive
Address Line 2:	Suite 400
City:	Oakland
State:	CA
Zip:	94612
Email	david.pecora@aecom.com
Phone:	5107546453

Pecora, David

From: Pecora, David
Sent: Wednesday, January 25, 2023 10:38 AM
To: nmfs.wcrca.specieslist@noaa.gov
Subject: US 101/Produce Ave Project

Federal Agency: Federal Highway Administration – California Division
Federal Agency Address: 650 Capitol Mall, Suite 4-100, Sacramento, CA 95814-4708
Non-Federal Agency Representative: California Department of Transportation
Non-Federal Agency Address: Caltrans District 04, 111 Grand Ave, Oakland, CA 94612
Non-federal agency conducting biological studies: AECOM, 300 Lakeside Drive, Suite 400, Oakland, CA 94612, USA
Point of contact: David Pecora, Sr Biologist at AECOM, 973-525-9976, david.pecora@aecom.com
Project Name: US 101/Produce Ave Project

Quad Name **San Francisco South**
Quad Number **37122-F4**

ESA Anadromous Fish

SONCC Coho ESU (T) -
CCC Coho ESU (E) - **X**
CC Chinook Salmon ESU (T) -
CVSR Chinook Salmon ESU (T) -
SRWR Chinook Salmon ESU (E) -
NC Steelhead DPS (T) -
CCC Steelhead DPS (T) - **X**
SCCC Steelhead DPS (T) -
SC Steelhead DPS (E) -
CCV Steelhead DPS (T) -
Eulachon (T) -
sDPS Green Sturgeon (T) - **X**

ESA Anadromous Fish Critical Habitat

SONCC Coho Critical Habitat -
CCC Coho Critical Habitat - **X**
CC Chinook Salmon Critical Habitat -
CVSR Chinook Salmon Critical Habitat -
SRWR Chinook Salmon Critical Habitat -
NC Steelhead Critical Habitat -
CCC Steelhead Critical Habitat -
SCCC Steelhead Critical Habitat -

SC Steelhead Critical Habitat -
CCV Steelhead Critical Habitat -
Eulachon Critical Habitat -
sDPS Green Sturgeon Critical Habitat - X

ESA Marine Invertebrates

Range Black Abalone (E) - X
Range White Abalone (E) -

ESA Marine Invertebrates Critical Habitat

Black Abalone Critical Habitat - X

ESA Sea Turtles

East Pacific Green Sea Turtle (T) - X
Olive Ridley Sea Turtle (T/E) - X
Leatherback Sea Turtle (E) - X
North Pacific Loggerhead Sea Turtle (E) - X

ESA Whales

Blue Whale (E) - X
Fin Whale (E) - X
Humpback Whale (E) - X
Southern Resident Killer Whale (E) - X
North Pacific Right Whale (E) - X
Sei Whale (E) - X
Sperm Whale (E) - X

ESA Pinnipeds

Guadalupe Fur Seal (T) - X
Steller Sea Lion Critical Habitat -

Essential Fish Habitat

Coho EFH - X
Chinook Salmon EFH - X
Groundfish EFH - X
Coastal Pelagics EFH - X

Highly Migratory Species EFH -

MMPA Species (See list at left)

ESA and MMPA Cetaceans/Pinnipeds
See list at left and consult the NMFS Long Beach office
562-980-4000

MMPA Cetaceans - **X**

MMPA Pinnipeds - **X**

NOTE NEW PHONE # BELOW

David Pecora
he, him, his
Senior Biologist
973-525-9976
david.pecora@aecom.com

AECOM
300 Lakeside Drive, Suite 400
Oakland, CA 94612, U.S.
aecom.com

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Appendix I. List of Technical Studies

The following technical studies were prepared in support of this document and project.

Air Quality Report, Baseline Environmental Consulting, April 2022

Archaeological Survey Report, AECOM, November 2021

Community Impact Assessment, AECOM, December 2020

Energy Analysis Report, AECOM, March 2022

Historic Property Survey Report, AECOM, November 2021

Historic Resource Evaluation Report, AECOM, November 2021

Initial Site Assessment (Hazardous Materials), AECOM, November 2021

Location Hydraulic Study, WRECO, March 2021

Natural Environment Study, AECOM, November 2020

Noise Study Report, Illingworth & Rodkin, February 2022

Noise Abatement Determination Report, AECOM, March 2022

Paleontological Evaluation Report, AECOM, November 2020

Preliminary Geotechnical Design Report, AECOM, 2021

Visual Impact Assessment, AECOM, November 2021

Water Quality Assessment Report, WRECO, October 2021

Traffic Operations Analysis Report, AECOM, July 2022

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Appendix J. 2025 and 2045 Traffic Conditions

Note: Study intersections below Caltrans acceptable standard level of service (LOS C/D or better) are shown in bold.

Table J-1 Year 2025 No Build and Build Intersection Movement LOS[23]

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Eastbound Right Turn	36.9	D	38.0	D	25.8	C	22.1	C
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Westbound Left Turn	19.2	B	20.6	C	21.2	C	17.3	B
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Westbound Through	21.0	C	22.4	C	26.6	C	21.1	C
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Westbound Right Turn	22.9	C	15.1	B	NA	NA	NA	NA
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Northbound Left Turn	45.2	D	45.8	D	41.4	D	34.0	C
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Northbound Through	45.2	D	46.6	D	39.6	D	35.5	D
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Southbound Through	32.8	C	32.6	C	19.6	B	18.5	B
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Southbound Right Turn	4.4	A	5.2	A	5.7	A	5.4	A
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Total	28.2	C	29.5	C	28.1	C	24.6	C
2	Airport Blvd. and E. Grand Ave.	Eastbound Left Turn	31.2	C	31.7	C	44.1	D	49.8	D
2	Airport Blvd. and E. Grand Ave.	Eastbound Through	29.5	C	31.7	C	40.7	D	37.0	D

[23] NA = Not Applicable

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
2	Airport Blvd. and E. Grand Ave.	Eastbound Right	16.1	B	20.7	C	9.6	A	9.1	A
2	Airport Blvd. and E. Grand Ave.	Westbound Left Turn	38.9	D	41.0	D	54.7	D	53.3	D
2	Airport Blvd. and E. Grand Ave.	Westbound Through	42.7	D	39.5	D	48.2	D	46.6	D
2	Airport Blvd. and E. Grand Ave.	Westbound Right Turn	8.9	A	8.2	A	29.2	C	29.0	C
2	Airport Blvd. and E. Grand Ave.	Northbound Left Turn	31.7	C	36.9	D	44.4	D	51.6	D
2	Airport Blvd. and E. Grand Ave.	Northbound Through	44.7	D	47.6	D	57.2	**E**	65.2	**E**
2	Airport Blvd. and E. Grand Ave.	Northbound Right Turn	3.6	A	3.5	A	3.6	A	4.3	A
2	Airport Blvd. and E. Grand Ave.	Southbound Left Turn	35.7	D	34.6	C	55.0	**E**	48.0	D
2	Airport Blvd. and E. Grand Ave.	Southbound Through	36.7	D	35.4	D	61.3	**E**	54.0	D
2	Airport Blvd. and E. Grand Ave.	Southbound Right Turn	15.3	B	15.9	B	27.5	C	22.0	C
2	Airport Blvd. and E. Grand Ave.	Total	30.0	C	30.8	C	47.6	D	47.5	D
3	Dubuque Ave. and E. Grand Ave.	Eastbound Left Turn	46.6	D	50.6	D	54.3	D	55.6	**E**
3	Dubuque Ave. and E. Grand Ave.	Eastbound Through	3.5	A	3.5	A	29.1	C	28.2	C
3	Dubuque Ave. and E. Grand Ave.	Westbound Through	9.8	A	9.8	A	50.7	D	37.9	D
3	Dubuque Ave. and E. Grand Ave.	Westbound Right Turn	10.2	B	9.3	A	86.4	**F**	61.5	**E**

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
3	Dubuque Ave. and E. Grand Ave.	Southbound Left Turn	43.5	D	44.6	D	62.6	**E**	52.0	D
3	Dubuque Ave. and E. Grand Ave.	Southbound Right Turn	43.6	D	44.4	D	53.0	D	50.1	D
3	Dubuque Ave. and E. Grand Ave.	Total	11.5	B	11.7	B	51.2	D	39.8	D
4	Grand Ave. and E. Grand Ave.	Eastbound Through	17.0	B	16.5	B	39.5	D	31.3	C
4	Grand Ave. and E. Grand Ave.	Eastbound Right Turn	13.5	B	14.6	B	38.2	D	25.4	C
4	Grand Ave. and E. Grand Ave.	Westbound Left Turn	42.0	D	43.9	D	62.7	**E**	66.4	**E**
4	Grand Ave. and E. Grand Ave.	Westbound Through	13.7	B	14.3	B	25.3	C	15.6	B
4	Grand Ave. and E. Grand Ave.	Northbound Left Turn	15.2	B	14.3	B	81.4	**F**	42.2	D
4	Grand Ave. and E. Grand Ave.	Northbound Right Turn	3.5	A	3.6	A	9.4	A	2.8	A
4	Grand Ave. and E. Grand Ave.	Total	13.5	B	13.4	B	35.8	D	21.0	C
5	Gateway Blvd. and E. Grand Ave.	Eastbound Left Turn	36.6	D	35.4	D	59.8	**E**	51.4	D
5	Gateway Blvd. and E. Grand Ave.	Eastbound Through	32.4	C	33.6	C	30.8	C	29.9	C
5	Gateway Blvd. and E. Grand Ave.	Eastbound Right Turn	28.1	C	28.9	C	22.4	C	21.0	C
5	Gateway Blvd. and E. Grand Ave.	Westbound Left Turn	46.7	D	46.9	D	42.5	D	36.5	D
5	Gateway Blvd. and E. Grand Ave.	Westbound Through	32.7	C	34.3	C	20.2	C	18.4	B

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
5	Gateway Blvd. and E. Grand Ave.	Westbound Right Turn	6.1	A	7.0	A	6.3	A	5.9	A
5	Gateway Blvd. and E. Grand Ave.	Northbound Left Turn	46.1	D	46.1	D	60.2	**E**	49.3	D
5	Gateway Blvd. and E. Grand Ave.	Northbound Through	43.4	D	43.9	D	34.4	C	36.4	D
5	Gateway Blvd. and E. Grand Ave.	Northbound Right Turn	21.0	C	22.3	C	6.8	A	6.8	A
5	Gateway Blvd. and E. Grand Ave.	Southbound Left Turn	46.9	D	50.3	D	49.8	D	44.5	D
5	Gateway Blvd. and E. Grand Ave.	Southbound Through	34.9	C	37.9	D	44.4	D	34.4	C
5	Gateway Blvd. and E. Grand Ave.	Southbound Right Turn	3.2	A	3.2	A	27.9	C	8.9	A
5	Gateway Blvd. and E. Grand Ave.	Total	33.0	C	34.3	C	29.6	C	24.7	C
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Eastbound Left Turn	48.3	D	48.2	D	45.9	D	43.6	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Eastbound Through	45.7	D	46.6	D	42.7	D	36.5	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Eastbound Right Turn	9.5	A	17.2	B	8.3	A	28.7	C
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Westbound Left Turn	37.3	D	40.9	D	35.6	D	37.2	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Westbound Through	37.8	D	70.9	**E**	30.0	C	30.1	C
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Westbound Right Turn	4.9	A	7.9	A	5.9	A	10.6	B

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Northbound Left Turn	52.3	D	58.5	**E**	49.1	D	52.9	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Northbound Through	57.1	**E**	57.9	**E**	30.9	C	28.6	C
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Northbound Right Turn	14.5	B	10.4	B	5.9	A	6.5	A
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Southbound U-Turn	12.2	B	12.0	B	33.4	C	46.2	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Southbound Left Turn	16.3	B	14.5	B	31.3	C	41.1	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Southbound Through	21.3	C	20.8	C	42.0	D	34.8	C
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Southbound Right Turn	4.8	A	5.0	A	3.7	A	6.1	A
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Total	25.6	C	24.9	C	30.5	C	30.3	C
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Eastbound U-Tun	97.9	**F**	88.0	**F**	72.9	**E**	35.5	D
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Eastbound Left Turn	98.4	**F**	85.6	**F**	57.4	**E**	45.0	D
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Eastbound Through	78.4	**E**	62.8	**E**	40.3	D	31.4	C
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Eastbound Right Turn	33.2	C	19.6	B	16.9	B	11.5	B
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Westbound Left Turn	48.4	D	46.9	D	78.1	**E**	55.4	**E**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Westbound Through	32.6	C	35.5	D	55.2	**E**	37.3	D

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Westbound Right Turn	22.6	C	24.5	C	45.3	D	30.1	C
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Northbound U-Turn	NA	NA	33.7	C	NA	NA	37.3	D
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Northbound Left Turn	32.1	C	33.7	C	42.7	D	34.5	C
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Northbound Through	44.0	D	44.0	D	35.0	D	29.7	C
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Northbound Right Turn	32.4	C	33.2	C	5.2	A	6.9	A
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Southbound Left Turn	43.9	D	41.2	D	43.5	D	56.4	**E**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Southbound Through	45.5	D	50.2	D	42.3	D	53.6	D
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Southbound Right Turn	10.0	B	12.1	B	27.0	C	24.6	C
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Total	43.4	D	40.3	D	38.6	D	34.7	C
8	Produce Ave. and 101 SB Off Ramp	Westbound Left Turn	10.5	B	9.6	A	16.2	C	15.8	C
8	Produce Ave. and 101 SB Off Ramp	Westbound Right Turn	5.8	A	6.5	A	2.2	A	2.0	A
8	Produce Ave. and 101 SB Off Ramp	Northbound Through	8.1	A	7.9	A	9.0	A	9.4	A
8	Produce Ave. and 101 SB Off Ramp	Southbound Through	3.3	A	2.0	A	4.5	A	2.6	A
8	Produce Ave. and 101 SB Off Ramp	Total	4.4	A	3.8	A	4.4	A	2.8	A

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Eastbound Left Turn	19.7	C	24.7	C	81.8	**F**	88.9	**F**
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Eastbound Right Turn	8.2	A	9.5	A	43.6	**E**	40.5	**E**
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Southbound Through	3.0	A	2.9	A	4.3	A	4.7	A
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Southbound Right Turn	2.4	A	2.4	A	3.3	A	4.2	A
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Total	4.1	A	4.5	A	5.5	A	5.8	A
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Eastbound Left Turn	43.3	D	33.4	C	38.7	D	55.0	**E**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Eastbound Through	42.2	D	37.7	D	32.3	C	45.1	D
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Eastbound Right Turn	45.3	D	24.9	C	36.4	D	17.1	B
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Westbound Left Turn	58.8	**E**	56.7	**E**	39.8	D	54.5	D
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Westbound Through	48.9	D	58.4	**E**	38.4	D	57.9	**E**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Westbound Right Turn	14.3	B	12.7	B	6.2	A	4.9	A
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Northbound U-Turn	71.7	**E**	NA	NA	116.3	**F**	NA	NA
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Northbound Left Turn	65.8	**E**	52.6	D	118.0	**F**	102.7	**F**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Northbound Through	27.4	C	22.1	C	48.2	D	58.6	**E**

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Northbound Right Turn	24.0	C	14.2	B	12.7	B	30.6	C
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Southbound U-Turn	90.1	**F**	68.6	**E**	52.9	D	49.6	D
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Southbound Left Turn	95.0	**F**	71.1	**E**	44.2	D	55.3	**E**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Southbound Through	59.8	**E**	44.1	D	30.3	C	48.1	D
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Southbound Right Turn	30.1	C	20.2	C	19.6	B	30.6	C
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Total	46.2	D	33.4	C	48.8	D	58.0	**E**
11	San Mateo Ave. / Utah Ave.	Eastbound	NA	NA	NA	NA	NA	NA	NA	NA
11	San Mateo Ave. / Utah Ave.	Westbound Left Turn	NA	NA	18.1	B	NA	NA	13.2	B
11	San Mateo Ave. / Utah Ave.	Westbound Through	NA	NA	0.2	A	NA	NA	NA	NA
11	San Mateo Ave. / Utah Ave.	Westbound Right Turn	NA	NA	7.3	A	NA	NA	6.6	A
11	San Mateo Ave. / Utah Ave.	Northbound Through	NA	NA	11	B	NA	NA	9.6	A
11	San Mateo Ave. / Utah Ave.	Northbound Right Turn	NA	NA	8	A	NA	NA	6.8	A
11	San Mateo Ave. / Utah Ave.	Southbound Left Turn	NA	NA	19.6	B	NA	NA	5.9	A
11	San Mateo Ave. / Utah Ave.	Southbound through	NA	NA	8.4	A	NA	NA	5.7	A
11	San Mateo Ave. / Utah Ave.	Total	NA	NA	10.9	B	NA	NA	8.3	A

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
14	South Airport Blvd. and Utah Ave.	Eastbound Left Turn	44.8	D	46.9	D	46.6	D	44.6	D
14	South Airport Blvd. and Utah Ave.	Eastbound Through	39.0	D	61.2	**E**	49.7	D	46.1	D
14	South Airport Blvd. and Utah Ave.	Eastbound Right Turn	6.1	A	34.5	C	16.8	B	25.2	C
14	South Airport Blvd. and Utah Ave.	Westbound Left Turn	17.0	B	31.6	C	28.3	C	22.8	C
14	South Airport Blvd. and Utah Ave.	Westbound Through	6.6	A	31.6	C	17.2	B	62.2	**E**
14	South Airport Blvd. and Utah Ave.	Westbound Right Turn	7.4	A	12.9	B	32.7	C	62.9	**E**
14	South Airport Blvd. and Utah Ave.	Northbound U-Turn	45.6	D	74.2	**E**	253.3	**F**	446.6	**F**
14	South Airport Blvd. and Utah Ave.	Northbound Left Turn	67.6	**E**	58.9	**E**	251.6	**F**	457.4	**F**
14	South Airport Blvd. and Utah Ave.	Northbound Through	46.3	D	29.4	C	208.1	**F**	475.7	**F**
14	South Airport Blvd. and Utah Ave.	Northbound Right-Turn	25.4	C	23.0	C	100.8	**F**	341.6	**F**
14	South Airport Blvd. and Utah Ave.	Southbound Left Turn	40.8	D	46.4	D	34.6	C	52.0	D
14	South Airport Blvd. and Utah Ave.	Southbound Through	22.5	C	14.2	B	19.1	B	35.9	D
14	South Airport Blvd. and Utah Ave.	Southbound Right Turn	17.9	B	4.5	A	17.5	B	14.7	B
14	South Airport Blvd. and Utah Ave.	Total	29.3	C	25.8	C	63.6	**E**	116.0	**F**

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
15	Harbor Way and Utah Ave.	Eastbound Left Turn	17.8	C	19.3	C	9.4	A	10.5	B
15	Harbor Way and Utah Ave.	Eastbound Through	18.3	C	20.5	C	9.5	A	10.4	B
15	Harbor Way and Utah Ave.	Eastbound Right Turn	16.5	C	19.3	C	6.8	A	7.4	A
15	Harbor Way and Utah Ave.	Westbound Left Turn	NA	NA	NA	NA	12.7	B	11.2	B
15	Harbor Way and Utah Ave.	Westbound Through	7.7	A	8.1	A	12.1	B	11.4	B
15	Harbor Way and Utah Ave.	Westbound Right Turn	5.1	A	5.4	A	10.0	B	8.6	A
15	Harbor Way and Utah Ave.	Northbound Left Turn	6.8	A	7.5	A	7.7	A	8.5	A
15	Harbor Way and Utah Ave.	Northbound Through	8.8	A	9.3	A	9.1	A	10.2	B
15	Harbor Way and Utah Ave.	Northbound Right Turn	4.1	A	4.9	A	3.6	A	5.0	A
15	Harbor Way and Utah Ave.	Southbound Left Turn	8.1	A	8.6	A	8.7	A	9.0	A
15	Harbor Way and Utah Ave.	Southbound Through	9.6	A	10.2	B	10.1	B	10.3	B
15	Harbor Way and Utah Ave.	Southbound Right Turn	5.3	A	6.2	A	7.3	A	6.7	A
15	Harbor Way and Utah Ave.	Total	14.6	B	16.3	C	10.5	B	10.1	B
16	San Mateo Ave. and Linden Ave.	Westbound Left Turn	21.1	C	17.6	B	19.6	B	14.7	B
16	San Mateo Ave. and Linden Ave.	Westbound Through	9.4	A	NA	NA	NA	NA	NA	NA

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
16	San Mateo Ave. and Linden Ave.	Westbound Right Turn	11.1	B	6.9	A	8.8	A	4.0	A
16	San Mateo Ave. and Linden Ave.	Northbound Through	6.8	A	7.3	A	8.3	A	8.6	A
16	San Mateo Ave. and Linden Ave.	Northbound Right Turn	1.4	A	1.5	A	1.0	A	1.0	A
16	San Mateo Ave. and Linden Ave.	Southbound Left Turn	10.2	B	10.7	B	13.8	B	13.2	B
16	San Mateo Ave. and Linden Ave.	Southbound Through	3.6	A	3.4	A	5.4	A	4.7	A
16	San Mateo Ave. and Linden Ave.	Total	7.5	A	6.5	A	9.8	A	7.6	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Eastbound Left Turn	10.8	B	13.0	B	13.4	B	9.8	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Eastbound Through	NA	NA	NA	NA	12.3	B	14.0	B
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Eastbound Right Turn	3.1	A	5.4	A	4.8	A	5.0	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Westbound Left Turn	17.9	C	15.6	C	13.2	B	14.3	B
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Westbound Through	19.6	C	21.8	C	22.4	C	11.9	B
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Westbound Right Turn	10.1	B	8.8	A	6.7	A	7.6	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Northbound Left Turn	4.0	A	4.6	A	4.7	A	5.2	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Northbound Through	2.4	A	3.0	A	2.0	A	2.0	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Northbound Right Turn	1.0	A	1.6	A	0.9	A	0.7	A

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Southbound Left Turn	4.0	A	4.1	A	2.8	A	3.0	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Southbound Through	1.0	A	0.9	A	1.0	A	0.9	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Southbound Right Turn	0.6	A	0.6	A	0.4	A	0.6	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Total	3.4	A	3.5	A	2.7	A	2.8	A
18	South Airport Blvd. and Belle Aire Rd.	Westbound Left Turn	26.2	C	26.0	C	19.5	B	40.7	D
18	South Airport Blvd. and Belle Aire Rd.	Westbound Right Turn	10.8	B	11.8	B	4.9	A	42.2	D
18	South Airport Blvd. and Belle Aire Rd.	Northbound U-Turn	41.4	D	38.2	D	30.1	C	177.9	**F**
18	South Airport Blvd. and Belle Aire Rd.	Northbound Through	18.8	B	16.4	B	17.4	B	145.1	**F**
18	South Airport Blvd. and Belle Aire Rd.	Northbound Right Turn	19.4	B	16.8	B	14.1	B	136.1	**F**
18	South Airport Blvd. and Belle Aire Rd.	Southbound U-Turn	52.6	D	47.4	D	30.0	C	87.8	**F**
18	South Airport Blvd. and Belle Aire Rd.	Southbound Left Turn	52.2	D	50.2	D	29.5	C	91.4	**F**
18	South Airport Blvd. and Belle Aire Rd.	Southbound Through	8.6	A	6.8	A	12.4	B	16.2	B
18	South Airport Blvd. and Belle Aire Rd.	Total	18.0	B	15.8	B	15.7	B	61.5	**E**

Table J-2 Year 2045 No Build and Build Intersection Movement LOS[24]

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Eastbound Right Turn	38.9	D	46.8	D	29.0	C	43.2	D
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Westbound Left Turn	44.4	D	54.2	D	22.3	C	30.0	C
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Westbound Through	45.4	D	57.9	**E**	26.2	C	40.1	D
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Westbound Right Turn	43.0	D	42.2	D	NA	NA	NA	NA
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Northbound Left Turn	54.8	D	52.4	D	31.0	C	35.7	D
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Northbound Through	53.2	D	46.1	D	28.9	C	30.8	C
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Southbound Through	93.6	**F**	37.9	D	30.2	C	37.9	D
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Southbound Right Turn	54.6	D	9.9	A	9.6	A	8.2	A
1	Airport Boulevard and 101 SB off-ramp/Miller Avenue	Total	59.1	**E**	47.3	D	26.7	C	33.7	C
2	Airport Blvd. and E. Grand Ave.	Eastbound Left Turn	35.5	D	37.7	D	68.9	**E**	81.6	**F**
2	Airport Blvd. and E. Grand Ave.	Eastbound Through	34.0	C	37.6	D	61.8	**E**	65.0	**E**
2	Airport Blvd. and E. Grand Ave.	Eastbound Right	25.9	C	30.8	C	13.1	B	16.0	B

[24] NA = Not Applicable

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
2	Airport Blvd. and E. Grand Ave.	Westbound Left Turn	42.4	D	41.5	D	49.6	D	51.4	D
2	Airport Blvd. and E. Grand Ave.	Westbound Through	45.7	D	63.6	**E**	47.0	D	50.1	D
2	Airport Blvd. and E. Grand Ave.	Westbound Right Turn	9.0	A	8.4	A	28.2	C	27.8	C
2	Airport Blvd. and E. Grand Ave.	Northbound Left Turn	36.7	D	36.5	D	60.8	**E**	74.9	**E**
2	Airport Blvd. and E. Grand Ave.	Northbound Through	51.6	D	56.4	**E**	69.9	**E**	91.1	**F**
2	Airport Blvd. and E. Grand Ave.	Northbound Right Turn	3.5	A	3.5	A	4.9	A	5.3	A
2	Airport Blvd. and E. Grand Ave.	Southbound Left Turn	42.6	D	36.2	D	61.7	**E**	70.8	**E**
2	Airport Blvd. and E. Grand Ave.	Southbound Through	46.1	D	36.5	D	57.1	**E**	69.5	**E**
2	Airport Blvd. and E. Grand Ave.	Southbound Right Turn	24.8	C	18.9	B	27.9	C	37.0	D
2	Airport Blvd. and E. Grand Ave.	Total	36.1	D	34.7	C	49.7	D	58.8	**E**
3	Dubuque Ave. and E. Grand Ave.	Eastbound Left Turn	52.0	D	44.6	D	81.9	**F**	65.9	**E**
3	Dubuque Ave. and E. Grand Ave.	Eastbound Through	3.5	A	4.1	A	26.0	C	28.2	C
3	Dubuque Ave. and E. Grand Ave.	Westbound Through	11.4	B	7.2	A	63.5	**E**	53.2	D
3	Dubuque Ave. and E. Grand Ave.	Westbound Right Turn	12.0	B	6.1	A	76.0	**E**	93.0	**F**

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
3	Dubuque Ave. and E. Grand Ave.	Southbound Left Turn	41.9	D	42.3	D	88.2	**F**	80.0	**F**
3	Dubuque Ave. and E. Grand Ave.	Southbound Right Turn	45.6	D	43.5	D	83.4	**F**	74.4	**E**
3	Dubuque Ave. and E. Grand Ave.	Total	12.3	B	11.0	B	62.9	**E**	55.6	**E**
4	Grand Ave. and E. Grand Ave.	Eastbound Through	20.5	C	19.3	B	40.1	D	32.7	C
4	Grand Ave. and E. Grand Ave.	Eastbound Right Turn	16.5	B	17.4	B	32.6	C	21.8	C
4	Grand Ave. and E. Grand Ave.	Westbound Left Turn	47.1	D	43.9	D	86.4	**F**	102.2	**F**
4	Grand Ave. and E. Grand Ave.	Westbound Through	14.0	B	14.0	B	33.1	C	36.9	D
4	Grand Ave. and E. Grand Ave.	Northbound Left Turn	17.9	B	14.8	B	61.9	**E**	62.9	**E**
4	Grand Ave. and E. Grand Ave.	Northbound Right Turn	5.3	A	8.6	A	7.1	A	6.5	A
4	Grand Ave. and E. Grand Ave.	Total	15.6	B	15.4	B	38.8	D	39.0	D
5	Gateway Blvd. and E. Grand Ave.	Eastbound Left Turn	40.0	D	77.3	**E**	107.6	**F**	99.3	**F**
5	Gateway Blvd. and E. Grand Ave.	Eastbound Through	38.3	D	41.0	D	70.1	**E**	56.2	**E**
5	Gateway Blvd. and E. Grand Ave.	Eastbound Right Turn	32.3	C	39.7	D	111.6	**F**	76.9	**E**
5	Gateway Blvd. and E. Grand Ave.	Westbound Left Turn	64.4	**E**	65.9	**E**	685.7	**F**	163.4	**F**

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
5	Gateway Blvd. and E. Grand Ave.	Westbound Through	35.1	D	28.4	C	78.2	**E**	42.6	D
5	Gateway Blvd. and E. Grand Ave.	Westbound Right Turn	8.0	A	8.8	A	125.0	**F**	21.7	C
5	Gateway Blvd. and E. Grand Ave.	Northbound Left Turn	47.6	D	46.9	D	117.4	**F**	102.1	**F**
5	Gateway Blvd. and E. Grand Ave.	Northbound Through	44.3	D	48.9	D	44.6	D	54.7	D
5	Gateway Blvd. and E. Grand Ave.	Northbound Right Turn	23.4	C	22.1	C	7.9	A	7.2	A
5	Gateway Blvd. and E. Grand Ave.	Southbound Left Turn	61.3	**E**	86.7	**F**	780.2	**F**	359.7	**F**
5	Gateway Blvd. and E. Grand Ave.	Southbound Through	39.0	D	38.8	D	829.5	**F**	329.3	**F**
5	Gateway Blvd. and E. Grand Ave.	Southbound Right Turn	5.2	A	4.1	A	868.8	**F**	413.3	**F**
5	Gateway Blvd. and E. Grand Ave.	Total	38.9	D	45.2	D	367.4	**F**	143.3	**F**
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Eastbound Left Turn	211.0	**F**	54.9	D	168.7	**F**	63.4	**E**
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Eastbound Through	219.8	**F**	88.8	**F**	165.8	**F**	50.6	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Eastbound Right Turn	146.6	**F**	23.3	C	85.3	**F**	34.4	C
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Westbound Left Turn	41.1	D	42.6	D	48.1	D	50.4	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Westbound Through	39.2	D	42.0	D	46.3	D	47.6	D

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Westbound Right Turn	5.5	A	8.4	A	8.9	A	11.2	B
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Northbound Left Turn	97.0	**F**	54.3	D	102.8	**F**	71.3	**E**
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Northbound Through	109.7	**F**	38.3	D	70.7	**E**	37.1	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Northbound Right Turn	114.2	**F**	19.1	B	54.2	D	8.2	A
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Southbound U-Turn	54.8	D	307.2	**F**	67.1	**E**	34.7	C
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Southbound Left Turn	51.8	D	269.6	**F**	72.6	**E**	41.0	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Southbound Through	37.3	D	32.2	C	56.3	**E**	47.9	D
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Southbound Right Turn	4.9	A	5.8	A	5.7	A	8.0	A
6	Produce Ave./ Airport Blvd. and San Mateo Ave.	Total	86.2	**F**	65.8	**E**	66.5	**E**	40.4	D
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Eastbound U-Tun	186.2	**F**	187.0	**F**	252.1	**F**	85.9	**F**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Eastbound Left Turn	195.1	**F**	181.8	**F**	204.2	**F**	88.4	**F**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Eastbound Through	154.4	**F**	184.5	**F**	209.0	**F**	65.3	**E**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Eastbound Right Turn	81.1	**F**	91.8	**F**	191.3	**F**	35.5	D
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Westbound Left Turn	168.1	**F**	580.5	**F**	977.6	**F**	984.1	**F**

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Westbound Through	76.4	**E**	494.8	**F**	912.9	**F**	924.8	**F**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Westbound Right Turn	78.7	**E**	437.5	**F**	961.6	**F**	918.5	**F**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Northbound U-Turn	NA	NA	83.9	**F**	NA	NA	73.1	**E**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Northbound Left Turn	41.9	D	46.8	D	62.6	**E**	62.8	**E**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Northbound Through	51.6	D	44.0	D	53.3	D	54.0	D
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Northbound Right Turn	37.2	D	34.1	C	30.6	C	23.4	C
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Southbound Left Turn	187.5	**F**	274.4	**F**	1024.3	**F**	359.0	**F**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Southbound Through	196.0	**F**	299.2	**F**	689.9	**F**	350.5	**F**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Southbound Right Turn	43.2	D	102.7	**F**	573.2	**F**	307.1	**F**
7	Gateway Blvd. and South Airport Blvd./Mitchell Ave.	Total	86.2	**F**	158.5	**F**	460.5	**F**	363.1	**F**
8	Produce Ave. and 101 SB Off Ramp	Westbound Left Turn	1007.6	**F**	23.7	C	117.9	**F**	19.3	C
8	Produce Ave. and 101 SB Off Ramp	Westbound Right Turn	995.7	**F**	19.0	C	99.8	**F**	4.6	A
8	Produce Ave. and 101 SB Off Ramp	Northbound Through	13.0	B	8.2	A	11.2	B	9.1	A
8	Produce Ave. and 101 SB Off Ramp	Southbound Through	4.0	A	1.8	A	4.6	A	2.7	A

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
8	Produce Ave. and 101 SB Off Ramp	Total	289.3	**F**	7.7	A	22.8	C	3.3	A
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Eastbound Left Turn	25.9	D	24.0	C	41.7	**E**	59.9	**F**
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Eastbound Right Turn	12.4	B	14.8	B	29.6	D	38.1	**E**
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Southbound Through	3.4	A	3.1	A	4.3	A	4.8	A
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Southbound Right Turn	3.1	A	2.5	A	3.8	A	4.0	A
9	Produce Ave./ 101 SB On Ramp and Terminal Ct.	Total	5.0	A	4.8	A	5.1	A	5.6	A
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Eastbound Left Turn	589.5	**F**	523.3	**F**	248.7	**F**	139.7	**F**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Eastbound Through	587.6	**F**	511.8	**F**	233.6	**F**	123.7	**F**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Eastbound Right Turn	590.1	**F**	505.9	**F**	243.8	**F**	86.5	**F**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Westbound Left Turn	57.3	**E**	63.6	**E**	66.4	**E**	64.0	**E**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Westbound Through	57.2	**E**	67.6	**E**	65.9	**E**	57.0	**E**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Westbound Right Turn	14.6	B	15.0	B	6.6	A	6.9	A
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Northbound U-Turn	40.1	D	NA	NA	141.6	**F**	NA	NA
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Northbound Left Turn	45.8	D	126.4	**F**	179.9	**F**	134.3	**F**

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Northbound Through	20.6	C	41.3	D	85.9	**F**	66.7	**E**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Northbound Right Turn	20.4	C	13.5	B	39.9	D	15.0	B
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Southbound U-Turn	229.2	**F**	301.9	**F**	168.0	**F**	206.8	**F**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Southbound Left Turn	229.4	**F**	287.0	**F**	167.9	**F**	212.9	**F**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Southbound Through	200.9	**F**	261.3	**F**	156.7	**F**	188.9	**F**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Southbound Right Turn	336.3	**F**	349.3	**F**	280.3	**F**	221.0	**F**
10	South Airport Blvd. and 101 NB Ramps/Wondercolor Ln.	Total	331.2	**F**	319.4	**F**	199.1	**F**	147.8	**F**
11	San Mateo Ave. / Utah Ave.	Eastbound	NA	NA	NA	NA	NA	NA	NA	NA
11	San Mateo Ave. / Utah Ave.	Westbound Left Turn	NA	NA	23.2	C	NA	NA	13.5	B
11	San Mateo Ave. / Utah Ave.	Westbound Through	NA	NA	NA	NA	NA	NA	NA	NA
11	San Mateo Ave. / Utah Ave.	Westbound Right Turn	NA	NA	7.6	A	NA	NA	6.4	A
11	San Mateo Ave. / Utah Ave.	Northbound Through	NA	NA	62	E	NA	NA	10.3	B
11	San Mateo Ave. / Utah Ave.	Northbound Right Turn	NA	NA	57.6	**E**	NA	NA	7.5	A
11	San Mateo Ave. / Utah Ave.	Southbound Left Turn	NA	NA	54.0	D	NA	NA	14.3	B

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
11	San Mateo Ave. / Utah Ave.	Southbound through	NA	NA	25.4	C	NA	NA	9.9	A
11	San Mateo Ave. / Utah Ave.	Total	NA	NA	46.9	D	NA	NA	9.5	A
14	South Airport Blvd. and Utah Ave.	Eastbound Left Turn	56.1	**E**	606.8	**F**	61.5	**E**	449.2	**F**
14	South Airport Blvd. and Utah Ave.	Eastbound Through	52.3	D	185.3	**F**	43.2	D	57.3	**E**
14	South Airport Blvd. and Utah Ave.	Eastbound Right Turn	9.4	A	170.6	**F**	19.0	B	41.7	D
14	South Airport Blvd. and Utah Ave.	Westbound Left Turn	24.5	C	23.4	C	42.0	D	134.4	**F**
14	South Airport Blvd. and Utah Ave.	Westbound Through	15.0	B	39.2	D	35.1	D	308.2	**F**
14	South Airport Blvd. and Utah Ave.	Westbound Right Turn	10.2	B	35.8	D	66.0	**E**	311.5	**F**
14	South Airport Blvd. and Utah Ave.	Northbound U-Turn	126.4	**F**	310.6	**F**	988.9	**F**	1038.3	**F**
14	South Airport Blvd. and Utah Ave.	Northbound Left Turn	112.3	**F**	258.8	**F**	958.6	**F**	1026.2	**F**
14	South Airport Blvd. and Utah Ave.	Northbound Through	67.7	**E**	263.9	**F**	842.6	**F**	1003.6	**F**
14	South Airport Blvd. and Utah Ave.	Northbound Right-Turn	45.4	D	130.4	**F**	611.5	**F**	746.7	**F**
14	South Airport Blvd. and Utah Ave.	Southbound Left Turn	43.3	D	48.1	D	37.0	D	130.1	**F**
14	South Airport Blvd. and Utah Ave.	Southbound Through	23.4	C	18.2	B	18.1	B	43.4	D

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
14	South Airport Blvd. and Utah Ave.	Southbound Right Turn	12.1	B	6.7	A	10.7	B	18.4	B
14	South Airport Blvd. and Utah Ave.	Total	41.7	D	142.4	**F**	176.0	**F**	256.0	**F**
15	Harbor Way and Utah Ave.	Eastbound Left Turn	25.3	D	18.7	C	10.9	B	10.7	B
15	Harbor Way and Utah Ave.	Eastbound Through	26.3	D	20.1	C	9.7	A	10.0	B
15	Harbor Way and Utah Ave.	Eastbound Right Turn	25.8	D	18.9	C	6.8	A	7.1	A
15	Harbor Way and Utah Ave.	Westbound Left Turn	NA	NA	NA	NA	12.6	B	89.8	**F**
15	Harbor Way and Utah Ave.	Westbound Through	8.6	A	8.4	A	15.3	C	66.8	**F**
15	Harbor Way and Utah Ave.	Westbound Right Turn	5.6	A	5.3	A	14.2	B	61.8	**F**
15	Harbor Way and Utah Ave.	Northbound Left Turn	8.0	A	7.7	A	9.0	A	26.2	D
15	Harbor Way and Utah Ave.	Northbound Through	9.0	A	9.6	A	10.3	B	25.1	D
15	Harbor Way and Utah Ave.	Northbound Right Turn	5.9	A	5.3	A	7.2	A	13.9	B
15	Harbor Way and Utah Ave.	Southbound Left Turn	9.6	A	8.3	A	9.2	A	17.1	C
15	Harbor Way and Utah Ave.	Southbound Through	11.6	B	10.6	B	11.0	B	19.0	C
15	Harbor Way and Utah Ave.	Southbound Right Turn	6.6	A	NA	NA	8.2	A	16.5	C

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
15	Harbor Way and Utah Ave.	Total	20.5	C	16.1	C	12.8	B	47.1	**E**
16	San Mateo Ave. and Linden Ave.	Westbound Left Turn	28.9	C	21.1	C	36.0	D	16.0	B
16	San Mateo Ave. and Linden Ave.	Westbound Through	NA	NA	NA	NA	NA	NA	NA	NA
16	San Mateo Ave. and Linden Ave.	Westbound Right Turn	14.9	B	6.3	A	24.0	C	4.4	A
16	San Mateo Ave. and Linden Ave.	Northbound Through	9.4	A	11.7	B	8.0	A	9.6	A
16	San Mateo Ave. and Linden Ave.	Northbound Right Turn	2.2	A	3.0	A	1.0	A	1.1	A
16	San Mateo Ave. and Linden Ave.	Southbound Left Turn	15.8	B	23.1	C	16.9	B	17.3	B
16	San Mateo Ave. and Linden Ave.	Southbound Through	6.1	A	7.0	A	7.1	A	7.4	A
16	San Mateo Ave. and Linden Ave.	Total	9.5	A	10.0	A	13.4	B	8.8	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Eastbound Left Turn	20.7	C	24.0	C	14.2	B	16.2	C
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Eastbound Through	NA	NA	NA	NA	13.1	B	17.6	C
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Eastbound Right Turn	5.2	A	6.9	A	6.5	A	6.9	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Westbound Left Turn	34.1	D	38.2	**E**	16.0	C	17.7	C
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Westbound Through	41.4	**E**	43.6	**E**	16.3	C	25.2	D
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Westbound Right Turn	29.5	D	31.3	D	8.3	A	9.6	A

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Northbound Left Turn	14.0	B	37.7	**E**	7.6	A	5.8	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Northbound Through	14.0	B	39.6	**E**	4.1	A	4.6	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Northbound Right Turn	12.1	B	35.6	**E**	2.6	A	2.7	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Southbound Left Turn	6.2	A	5.5	A	3.2	A	3.5	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Southbound Through	1.0	A	1.1	A	1.0	A	1.0	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Southbound Right Turn	0.7	A	0.5	A	0.5	A	0.5	A
17	San Mateo Ave. and Tanforan Ave./ Shaw Rd.	Total	12.2	B	27.3	D	3.4	A	3.8	A
18	South Airport Blvd. and Belle Aire Rd.	Westbound Left Turn	25.6	C	31.7	C	39.3	D	79.6	**E**
18	South Airport Blvd. and Belle Aire Rd.	Westbound Right Turn	12.2	B	29.2	C	103.3	**F**	187.3	**F**
18	South Airport Blvd. and Belle Aire Rd.	Northbound U-Turn	59.1	**E**	197.7	**F**	1083.5	**F**	1503.7	**F**
18	South Airport Blvd. and Belle Aire Rd.	Northbound Through	28.8	C	200.3	**F**	1316.6	**F**	1497.3	**F**
18	South Airport Blvd. and Belle Aire Rd.	Northbound Right Turn	30.5	C	221.9	**F**	1308.5	**F**	1455.5	**F**
18	South Airport Blvd. and Belle Aire Rd.	Southbound U-Turn	46.9	D	129.5	**F**	129.1	**F**	306.1	**F**
18	South Airport Blvd. and Belle Aire Rd.	Southbound Left Turn	48.5	D	132.3	**F**	133.3	**F**	302.1	**F**

No.	Intersection	Movement	No Build AM Peak Hour Delay (Sec/Veh)	No Build AM Peak Hour LOS	Build AM Peak Hour Delay (Sec/Veh)	Build AM Peak Hour LOS	No Build PM Peak Hour Delay (Sec/Veh)	No Build PM Peak Hour LOS	Build PM Peak Hour Delay (Sec/Veh)	Build PM Peak Hour LOS
18	South Airport Blvd. and Belle Aire Rd.	Southbound Through	7.6	A	9.2	A	16.7	B	44.3	D
18	South Airport Blvd. and Belle Aire Rd.	Total	24.3	C	145.1	**F**	484.6	**F**	587.0	**F**

Table J-3 Year 2025 No Build and Build Intersection 95th Percentile Queues Summary[25]

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
1	Airport Blvd and E. Grand Ave	Eastbound Right Turn Lane	240	180	150	120	110
1	Airport Blvd and E. Grand Ave	Westbound Left Turn Lane	450	220	220	200	140
1	Airport Blvd and E. Grand Ave	Westbound Left Turn/Through/Right Turn Lane	610	250	260	300	240
1	Airport Blvd and E. Grand Ave	Northbound Left Turn/Through Lane	320	130	120	320	290
1	Airport Blvd and E. Grand Ave	Northbound Through Lane	320	120	130	290	280
1	Airport Blvd and E. Grand Ave	Southbound Through Lane 1	290	260	260	130	120
1	Airport Blvd and E. Grand Ave	Southbound Through Lane 2	290	200	200	120	110
1	Airport Blvd and E. Grand Ave	Southbound Right Turn Lane	100	70	80	70	60
2	Airport Blvd and Grand Ave	Eastbound Left Turn/Through Lane	220	**250**	**230**	**280**	**370**
2	Airport Blvd and Grand Ave	Eastbound Through/Right Turn Lane	220	190	180	80	90
2	Airport Blvd and Grand Ave	Westbound Left Turn Lane 1	480	100	100	450	410
2	Airport Blvd and Grand Ave	Westbound Left Turn Lane 2	480	100	90	460	420

[25] NA = Not Applicable

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
2	Airport Blvd and Grand Ave	Westbound Through Lane	480	160	150	360	350
2	Airport Blvd and Grand Ave	Westbound Right Turn Lane	60	60	60	**180**	**190**
2	Airport Blvd and Grand Ave	Northbound Left Turn Lane	130	70	80	**150**	**160**
2	Airport Blvd and Grand Ave	Northbound Through Lane 1	290	130	150	260	**310**
2	Airport Blvd and Grand Ave	Northbound Through Lane 2	290	270	290	**310**	**340**
2	Airport Blvd and Grand Ave	Southbound Left Turn Lane	320	300	310	160	150
2	Airport Blvd and Grand Ave	Southbound Left Turn/Through Lane	320	320	310	150	150
2	Airport Blvd and Grand Ave	Southbound Through Lane	320	**350**	**330**	150	140
2	Airport Blvd and Grand Ave	Southbound Right Turn Lane	70	**120**	**130**	**120**	**130**
3	Grand Ave/E. Grand Ave and Dubuque Ave	Eastbound Left Turn Lane	130	130	**140**	90	90
3	Grand Ave/E. Grand Ave and Dubuque Ave	Eastbound Through Lane 1	480	140	150	100	100
3	Grand Ave/E. Grand Ave and Dubuque Ave	Eastbound Through Lane 2	480	130	140	110	100
3	Grand Ave/E. Grand Ave and Dubuque Ave	Eastbound Through Lane 3	480	110	120	120	110
3	Grand Ave/E. Grand Ave and Dubuque Ave	Westbound Through Lane 1	850	50	50	**1010**	780

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
3	Grand Ave/E. Grand Ave and Dubuque Ave	Westbound Through Lane 2	850	50	60	**1100**	**950**
3	Grand Ave/E. Grand Ave and Dubuque Ave	Westbound Through/Right Turn Lane	850	220	220	**1080**	**980**
3	Grand Ave/E. Grand Ave and Dubuque Ave	Southbound Left Turn Lane	610	170	180	270	210
3	Grand Ave/E. Grand Ave and Dubuque Ave	Southbound Right Turn Lane	60	**80**	**80**	**100**	**110**
4	Grand Ave and E. Grand Ave	Eastbound Through Lane 1	850	220	220	180	160
4	Grand Ave and E. Grand Ave	Eastbound Through Lane 2	850	230	240	200	160
4	Grand Ave and E. Grand Ave	Eastbound Through/Right Turn Lane	850	250	260	230	200
4	Grand Ave and E. Grand Ave	Westbound Left Turn Lane	50	**70**	**70**	**60**	**60**
4	Grand Ave and E. Grand Ave	Westbound Through Lane 1	300	80	90	300	230
4	Grand Ave and E. Grand Ave	Westbound Through Lane 2	300	130	140	**350**	280
4	Grand Ave and E. Grand Ave	Westbound Through Lane 3	300	180	190	**460**	**380**
4	Grand Ave and E. Grand Ave	Northbound Left Turn Lane	250	90	90	**330**	**280**
4	Grand Ave and E. Grand Ave	Northbound Right Turn Lane 1	670	110	110	**1190**	410

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
4	Grand Ave and E. Grand Ave	Northbound Right Turn Lane 2	670	70	70	**830**	260
5	Gateway Blvd. and E. Grand Ave	Eastbound Left Turn Lane	150	**210**	**200**	150	140
5	Gateway Blvd. and E. Grand Ave	Eastbound Through Lane 1	300	**320**	300	160	130
5	Gateway Blvd. and E. Grand Ave	Eastbound Through Lane 2	300	**410**	**400**	180	160
5	Gateway Blvd. and E. Grand Ave	Eastbound Through/Right Turn Lane	300	**400**	**380**	220	200
5	Gateway Blvd. and E. Grand Ave	Westbound Left Turn Lane	190	160	150	**280**	**280**
5	Gateway Blvd. and E. Grand Ave	Westbound Through Lane 1	510	90	100	470	390
5	Gateway Blvd. and E. Grand Ave	Westbound Through Lane 2	510	120	120	340	280
5	Gateway Blvd. and E. Grand Ave	Westbound Through Lane 3	510	140	140	240	270
5	Gateway Blvd. and E. Grand Ave	Westbound Right Turn Lane	200	60	60	130	160
5	Gateway Blvd. and E. Grand Ave	Northbound Left Turn Lane	190	150	170	150	120
5	Gateway Blvd. and E. Grand Ave	Northbound Through Lane	510	250	250	120	90
5	Gateway Blvd. and E. Grand Ave	Northbound Through/Right Turn Lane	510	380	380	110	110

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
5	Gateway Blvd. and E. Grand Ave	Southbound Left Turn Lane	190	**220**	**230**	130	130
5	Gateway Blvd. and E. Grand Ave	Southbound Through Lane	790	200	240	450	230
5	Gateway Blvd. and E. Grand Ave	Southbound Through/Right Turn Lane	790	150	200	500	310
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Left Turn Lane	150	110	140	120	**170**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Left Turn/Through Lane	230	**330**	-	150	-
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Through Lane 1	650	160	190	100	100
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Through Lane 2	650	-	190	-	60
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Right Turn Lane	150	60	80	80	130
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Left Turn Lane 1	230	160	160	**280**	**280**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Left Turn Lane 2	710	-	180	-	390
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Left Turn/Through Lane	710	180	-	330	-

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Through Lane	710	160	60	240	160
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Right Turn Lane	125	80	100	**160**	**150**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Left Turn Lane	130	**160**	**160**	130	**140**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Through Lane 1	200	190	120	50	60
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Through Lane 2	200	60	100	40	30
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Right Turn Lane 1	200	**260**	110	0	50
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Right Turn Lane 2	200	NA	90	NA	40
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Southbound U-Turn/Left Turn Lane	180	160	160	**250**	**230**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Southbound Through Lane 1	1470	230	240	420	390
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Southbound Through Lane 2	1470	240	250	430	400

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Southbound Right Turn Lane	1470	0	80	60	60
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Eastbound U-Tun/Left Turn Lane	130	**200**	**200**	110	90
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Eastbound Through/Right Turn Lane	710	620	540	180	130
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Eastbound Right Turn Lane	710	660	380	130	90
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Westbound Left Turn Lane	110	100	100	**170**	**170**
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Westbound Through/Right Turn Lane	320	170	190	**780**	**480**
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Northbound U-Tun/Left Turn Lane	290	140	140	220	200
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Northbound Left Turn Lane	290	290	260	230	190
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Northbound Through Lane	370	**530**	**570**	150	130
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Northbound Through/Right Turn Lane	370	**580**	**630**	140	140
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Southbound Left Turn Lane	100	90	100	50	40
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Southbound Through Lane	480	280	310	440	**490**
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Southbound Right Turn Lane	480	100	110	**670**	480

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
8	Produce Ave and US 101 SB Off Ramp	Westbound Left Turn Lane	560	170	230	70	50
8	Produce Ave and US 101 SB Off Ramp	Westbound Right Turn Lane	150	**170**	**170**	20	0
8	Produce Ave and US 101 SB Off Ramp	Northbound Through Lane	900	60	50	40	40
8	Produce Ave and US 101 SB Off Ramp	Southbound Through Lane 1	130	20	20	10	10
8	Produce Ave and US 101 SB Off Ramp	Southbound Through Lane 2	130	10	10	10	0
9	US 101 SB On Ramp/Produce Ave and Terminal Ct	Eastbound Left Turn Lane	260	80	90	60	60
9	US 101 SB On Ramp/Produce Ave and Terminal Ct	Eastbound Right Turn Lane	150	60	60	60	70
9	US 101 SB On Ramp/Produce Ave and Terminal Ct	Southbound Through Lane	900	0	0	10	10
9	US 101 SB On Ramp/Produce Ave and Terminal Ct	Southbound Through/Right Turn Lane	900	30	30	30	20
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Eastbound Left Turn Lane	750	**870**	670	320	340
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Eastbound Left Turn/Through Lane	750	**920**	**790**	210	220
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Eastbound Right Turn Lane 1	120	**280**	**280**	**220**	**190**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Eastbound Right Turn Lane 2	65	**50**	**80**	40	40
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Westbound Left Turn/Through Lane	410	60	60	50	70

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Westbound Right Turn Lane	410	50	60	30	30
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Northbound Left Turn Lane	190	**250**	**240**	**230**	**300**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Northbound Through Lane	510	380	300	**690**	**680**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Northbound Through/Right Turn Lane	510	260	230	**720**	**720**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Southbound U-Turn/Left Turn Lane	90	**110**	**110**	80	70
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Southbound Through Lane 1	510	**520**	400	280	360
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Southbound Through Lane 2	510	**540**	420	300	380
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Southbound Right Turn Lane	130	**200**	**190**	**180**	**190**
11	San Mateo Ave. and Utah Ave.	Westbound Left Turn/Right Turn Lane	1500	NA	140	NA	100
11	San Mateo Ave. and Utah Ave.	Westbound Right Turn Lane	1500	NA	50	NA	40
11	San Mateo Ave. and Utah Ave.	Northbound Through/Right Turn Lane	1460	NA	190	NA	140
11	San Mateo Ave. and Utah Ave.	Southbound Left Turn/Through Lane	610	NA	170	NA	110
14	South Airport Blvd. and Utah Ave	Eastbound Left Turn/Through Lane	75	60	NA	50	NA

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
14	South Airport Blvd. and Utah Ave	Eastbound Left Turn Lane 1	120	NA	20	NA	**150**
14	South Airport Blvd. and Utah Ave	Eastbound Left Turn Lane 2	1500	NA	20	NA	120
14	South Airport Blvd. and Utah Ave	Eastbound Through/Right Turn Lane	1500	NA	90	NA	70
14	South Airport Blvd. and Utah Ave	Eastbound Right Turn Lane	50	40	NA	40	NA
14	South Airport Blvd. and Utah Ave	Westbound Left Turn Lane 1	670 NB /400 B	90	110	400	260
14	South Airport Blvd. and Utah Ave	Westbound Left Turn Lane 2	670	NA	120	NA	270
14	South Airport Blvd. and Utah Ave	Westbound Left Turn/Through Lane	670	90	NA	430	NA
14	South Airport Blvd. and Utah Ave	Westbound Through/Right Turn Lane	670	NA	240	NA	910
14	South Airport Blvd. and Utah Ave	Westbound Right Turn Lane	175	80	-	**200**	NA
14	South Airport Blvd. and Utah Ave	Northbound U-Turn/Left Turn Lane	150	80	30	**250**	50
14	South Airport Blvd. and Utah Ave	Northbound Left Turn Lane	150	NA	60	NA	**390**
14	South Airport Blvd. and Utah Ave	Northbound Through Lane 1	740	520	600	**1300**	**2120**
14	South Airport Blvd. and Utah Ave	Northbound Through Lane 2	740	690	720	**1310**	**2170**

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
14	South Airport Blvd. and Utah Ave	Northbound Right Turn Lane	180	**290**	**290**	**270**	**290**
14	South Airport Blvd. and Utah Ave	Southbound Left Turn Lane 1	215	**220**	200	70	100
14	South Airport Blvd. and Utah Ave	Southbound Left Turn Lane 2	510	240	210	100	160
14	South Airport Blvd. and Utah Ave	Southbound Through Lane 1	510	230	180	230	360
14	South Airport Blvd. and Utah Ave	Southbound through Lane 2	510	NA	190	NA	370
14	South Airport Blvd. and Utah Ave	Southbound Through/Right Turn Lane	510	240	NA	230	NA
14	South Airport Blvd. and Utah Ave	Southbound Right Turn Lane	100	NA	100	NA	**180**
15	Harbor Wy and Utah Ave	Eastbound Left Turn/Through Lane	790	260	280	70	90
15	Harbor Wy and Utah Ave	Eastbound Through/Right Turn Lane	790	220	240	90	110
15	Harbor Wy and Utah Ave	Westbound Left Turn/Through Lane	480	60	60	140	140
15	Harbor Wy and Utah Ave	Westbound Through/Right Turn Lane	480	80	80	160	140
15	Harbor Wy and Utah Ave	Northbound Left Turn/Through/Right Turn Lane	930	70	60	80	90

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
15	Harbor Wy and Utah Ave	Southbound Left Turn/Through/Right Turn Lane	410	90	90	100	110
16	San Mateo Ave and Linden Ave	Westbound Left Turn Lane	380	120	120	190	150
16	San Mateo Ave and Linden Ave	Westbound Right Turn Lane	380	NA	NA	NA	NA
16	San Mateo Ave and Linden Ave	Northbound Through Lane	60	**80**	**80**	**100**	**100**
16	San Mateo Ave and Linden Ave	Northbound Right Turn Lane	60	**90**	**90**	50	60
16	San Mateo Ave and Linden Ave	Southbound Left Turn Lane	200	90	90	80	90
16	San Mateo Ave and Linden Ave	Southbound Through Lane	650	80	70	100	90
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Eastbound Left Turn/Through/Right Turn Lane	380	40	40	50	50
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Westbound Left Turn/Through/Right Turn Lane	470	100	90	90	100
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Northbound Left Turn/Through/Right Turn Lane	440	60	90	60	60
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Southbound Left Turn Lane	50	**60**	**60**	50	50
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Southbound Through/Right Turn Lane	60	40	50	30	30

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Westbound Left Turn Lane 1	90	40	50	**120**	**150**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Westbound Left Turn Lane 2	600	90	90	180	410
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Westbound Right Turn Lane	200	60	80	50	190
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Northbound U-Turn Lane	130	70	50	40	70
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Northbound Through Lane	900	440	400	180	**1840**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Northbound Through/Right Turn Lane	900	460	430	220	**1850**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Southbound U-Turn/Left Turn Lane	280	160	160	220	**440**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Southbound Through Lane 1	800	140	100	240	630
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Southbound Through Lane 2	800	150	120	250	610

Table J-4 Year 2045 No Build and Build Intersection 95th Percentile Queues Summary[26]

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
1	Airport Blvd and E. Grand Ave	Eastbound Right Turn Lane	240	180	180	110	160
1	Airport Blvd and E. Grand Ave	Westbound Left Turn Lane	450	320	370	200	290
1	Airport Blvd and E. Grand Ave	Westbound Left Turn/Through/Right Turn Lane	610	320	800	300	430
1	Airport Blvd and E. Grand Ave	Northbound Left Turn/Through Lane	320	130	120	270	280
1	Airport Blvd and E. Grand Ave	Northbound Through Lane	320	130	120	290	290
1	Airport Blvd and E. Grand Ave	Southbound Through Lane 1	290	580	260	150	190
1	Airport Blvd and E. Grand Ave	Southbound Through Lane 2	290	560	250	150	170
1	Airport Blvd and E. Grand Ave	Southbound Right Turn Lane	100	**150**	**120**	80	90
2	Airport Blvd and Grand Ave	Eastbound Left Turn/Through Lane	220	**290**	**320**	**350**	**410**
2	Airport Blvd and Grand Ave	Eastbound Through/Right Turn Lane	220	**230**	**260**	130	210
2	Airport Blvd and Grand Ave	Westbound Left Turn Lane 1	480	90	110	**500**	**520**

[26] NA = Not Applicable

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
2	Airport Blvd and Grand Ave	Westbound Left Turn Lane 2	480	90	110	**590**	**510**
2	Airport Blvd and Grand Ave	Westbound Through Lane	480	160	220	360	340
2	Airport Blvd and Grand Ave	Westbound Right Turn Lane	60	60	60	**170**	**170**
2	Airport Blvd and Grand Ave	Northbound Left Turn Lane	130	80	80	**160**	**190**
2	Airport Blvd and Grand Ave	Northbound Through Lane 1	290	150	170	280	**370**
2	Airport Blvd and Grand Ave	Northbound Through Lane 2	290	**310**	**300**	**320**	**360**
2	Airport Blvd and Grand Ave	Southbound Left Turn Lane	320	**360**	**340**	160	200
2	Airport Blvd and Grand Ave	Southbound Left Turn/Through Lane	320	**390**	**360**	140	150
2	Airport Blvd and Grand Ave	Southbound Through Lane	320	**410**	**400**	140	140
2	Airport Blvd and Grand Ave	Southbound Right Turn Lane	70	**130**	**130**	**130**	**130**
3	Grand Ave/E. Grand Ave and Dubuque Ave	Eastbound Left Turn Lane	130	**140**	**150**	100	110
3	Grand Ave/E. Grand Ave and Dubuque Ave	Eastbound Through Lane 1	480	140	200	100	110
3	Grand Ave/E. Grand Ave and Dubuque Ave	Eastbound Through Lane 2	480	140	180	110	110
3	Grand Ave/E. Grand Ave and Dubuque Ave	Eastbound Through Lane 3	480	110	140	120	120

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
3	Grand Ave/E. Grand Ave and Dubuque Ave	Westbound Through Lane 1	850	40	50	**1060**	**1060**
3	Grand Ave/E. Grand Ave and Dubuque Ave	Westbound Through Lane 2	850	70	40	**1120**	**1130**
3	Grand Ave/E. Grand Ave and Dubuque Ave	Westbound Through/Right Turn Lane	850	240	150	**1110**	**1060**
3	Grand Ave/E. Grand Ave and Dubuque Ave	Southbound Left Turn Lane	610	170	170	400	360
3	Grand Ave/E. Grand Ave and Dubuque Ave	Southbound Right Turn Lane	60	**90**	**80**	**110**	**110**
4	Grand Ave and E. Grand Ave	Eastbound Through Lane 1	850	240	230	200	160
4	Grand Ave and E. Grand Ave	Eastbound Through Lane 2	850	260	230	220	170
4	Grand Ave and E. Grand Ave	Eastbound Through/Right Turn Lane	850	260	250	230	210
4	Grand Ave and E. Grand Ave	Westbound Left Turn Lane	50	**60**	**60**	50	**60**
4	Grand Ave and E. Grand Ave	Westbound Through Lane 1	300	90	70	**330**	**360**
4	Grand Ave and E. Grand Ave	Westbound Through Lane 2	300	140	120	**370**	**390**
4	Grand Ave and E. Grand Ave	Westbound Through Lane 3	300	190	160	**450**	**490**
4	Grand Ave and E. Grand Ave	Northbound Left Turn Lane	250	120	130	**320**	**320**

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
4	Grand Ave and E. Grand Ave	Northbound Right Turn Lane 1	670	190	230	**1260**	**890**
4	Grand Ave and E. Grand Ave	Northbound Right Turn Lane 2	670	140	200	**890**	560
5	Gateway Blvd. and E. Grand Ave	Eastbound Left Turn Lane	150	**220**	**220**	**200**	**180**
5	Gateway Blvd. and E. Grand Ave	Eastbound Through Lane 1	300	**320**	**330**	250	210
5	Gateway Blvd. and E. Grand Ave	Eastbound Through Lane 2	300	**440**	**450**	300	260
5	Gateway Blvd. and E. Grand Ave	Eastbound Through/Right Turn Lane	300	**410**	**420**	**350**	**320**
5	Gateway Blvd. and E. Grand Ave	Westbound Left Turn Lane	190	190	180	**250**	**280**
5	Gateway Blvd. and E. Grand Ave	Westbound Through Lane 1	510	90	110	**7170**	**2260**
5	Gateway Blvd. and E. Grand Ave	Westbound Through Lane 2	510	110	100	**6950**	**1800**
5	Gateway Blvd. and E. Grand Ave	Westbound Through Lane 3	510	140	140	**5180**	**1230**
5	Gateway Blvd. and E. Grand Ave	Westbound Right Turn Lane	200	60	60	**290**	**290**
5	Gateway Blvd. and E. Grand Ave	Northbound Left Turn Lane	190	170	160	**190**	130
5	Gateway Blvd. and E. Grand Ave	Northbound Through Lane	510	280	260	120	110

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
5	Gateway Blvd. and E. Grand Ave	Northbound Through/Right Turn Lane	510	400	350	140	130
5	Gateway Blvd. and E. Grand Ave	Southbound Left Turn Lane	190	**250**	**250**	**260**	**240**
5	Gateway Blvd. and E. Grand Ave	Southbound Through Lane	790	340	570	**5500**	**2890**
5	Gateway Blvd. and E. Grand Ave	Southbound Through/Right Turn Lane	790	190	350	**5500**	**2920**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Left Turn Lane	150	**220**	**170**	**200**	**200**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Left Turn/Through Lane	230	**2620**	NA	**1620**	NA
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Through Lane 1	650	330	440	220	220
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Through Lane 2	650	-	360	-	160
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Eastbound Right Turn Lane	150	**220**	**160**	140	**170**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Left Turn Lane 1	230	170	150	**280**	**290**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Left Turn Lane 2	710	NA	170	NA	460

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Left Turn/Through Lane	710	200	NA	400	NA
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Through Lane	710	170	50	320	200
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Westbound Right Turn Lane	125	110	110	**190**	**150**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Left Turn Lane	130	130	**160**	**160**	**160**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Through Lane 1	200	70	140	130	100
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Through Lane 2	200	60	60	200	50
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Right Turn Lane 1	200	**290**	170	**330**	80
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Northbound Right Turn Lane 2	200	NA	160	NA	70
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Southbound U-Turn/Left Turn Lane	180	**240**	**240**	**260**	**270**
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Southbound Through Lane 1	1470	450	**1600**	600	570

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Southbound Through Lane 2	1470	380	1390	590	560
6	Produce Ave/Airport Blvd and San Mateo Ave/South Airport Blvd	Southbound Right Turn Lane	1470	0	720	50	80
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Eastbound U-Tun/Left Turn Lane	130	**190**	**210**	**210**	**170**
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Eastbound Through/Right Turn Lane	710	**780**	**900**	**880**	250
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Eastbound Right Turn Lane	710	**880**	**870**	**980**	210
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Westbound Left Turn Lane	110	**170**	**160**	**160**	**160**
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Westbound Through/Right Turn Lane	320	**690**	**3060**	**7660**	**8430**
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Northbound U-Tun/Left Turn Lane	290	150	160	240	210
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Northbound Left Turn Lane	290	290	**300**	240	220
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Northbound Through Lane	370	**480**	**520**	230	160
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Northbound Through/Right Turn Lane	370	**560**	**630**	180	200
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Southbound Left Turn Lane	100	**120**	**120**	40	40

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Southbound Through Lane	480	**990**	**1440**	**2290**	**2710**
7	Gateway Blvd and South Airport Blvd/Mitchell Ave	Southbound Right Turn Lane	480	**620**	**1130**	**2320**	**2750**
8	Produce Ave and US 101 SB Off Ramp	Westbound Left Turn Lane	560	**6740**	170	**1160**	50
8	Produce Ave and US 101 SB Off Ramp	Westbound Right Turn Lane	150	**180**	**180**	**190**	0
8	Produce Ave and US 101 SB Off Ramp	Northbound Through Lane	900	80	60	40	40
8	Produce Ave and US 101 SB Off Ramp	Southbound Through Lane 1	130	10	10	10	20
8	Produce Ave and US 101 SB Off Ramp	Southbound Through Lane 2	130	20	0	20	**10**
9	US 101 SB On Ramp/Produce Ave and Terminal Ct	Eastbound Left Turn Lane	260	90	90	50	50
9	US 101 SB On Ramp/Produce Ave and Terminal Ct	Eastbound Right Turn Lane	150	60	60	60	60
9	US 101 SB On Ramp/Produce Ave and Terminal Ct	Southbound Through Lane	900	10	10	10	20
9	US 101 SB On Ramp/Produce Ave and Terminal Ct	Southbound Through/Right Turn Lane	900	40	40	20	30
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Eastbound Left Turn Lane	750	**7770**	**6990**	**1120**	**920**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Eastbound Left Turn/Through Lane	750	**7740**	**7000**	**1130**	**930**

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Eastbound Right Turn Lane 1	120	**280**	**280**	**290**	**180**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Eastbound Right Turn Lane 2	65	**70**	**70**	50	60
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Westbound Left Turn/Through Lane	410	50	60	60	60
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Westbound Right Turn Lane	410	60	60	30	30
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Northbound Left Turn Lane	190	**260**	**220**	**220**	**220**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Northbound Through Lane	510	430	**580**	**570**	**580**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Northbound Through/Right Turn Lane	510	250	380	**720**	**730**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Southbound U-Turn/Left Turn Lane	90	**100**	**110**	80	90
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Southbound Through Lane 1	510	**1090**	**1040**	**1100**	**1090**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Southbound Through Lane 2	510	**1110**	**1080**	**1050**	**1110**
10	South Airport Blvd. and 101 NB Off Ramp/Wondercolor Ln	Southbound Right Turn Lane	130	**170**	**190**	**150**	**160**
11	San Mateo Ave. and Utah Ave.	Westbound Left Turn/Right Turn Lane	1500	NA	140	NA	280
11	San Mateo Ave. and Utah Ave.	Westbound Right Turn Lane	1500	NA	40	NA	250

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
11	San Mateo Ave. and Utah Ave.	Northbound Through/Right Turn Lane	1460	NA	1350	NA	150
11	San Mateo Ave. and Utah Ave.	Southbound Left Turn/Through Lane	610	NA	360	NA	160
14	South Airport Blvd. and Utah Ave	Eastbound Left Turn/Through Lane	75	60	NA	60	NA
14	South Airport Blvd. and Utah Ave	Eastbound Left Turn Lane 1	120	NA	**220**	NA	**220**
14	South Airport Blvd. and Utah Ave	Eastbound Left Turn Lane 2	1500	NA	**1690**	NA	**1540**
14	South Airport Blvd. and Utah Ave	Eastbound Through/Right Turn Lane	1500	NA	**1570**	NA	900
14	South Airport Blvd. and Utah Ave	Eastbound Right Turn Lane	50	40	NA	40	NA
14	South Airport Blvd. and Utah Ave	Westbound Left Turn Lane 1	670 NB /400 B	100	70	**700**	**1510**
14	South Airport Blvd. and Utah Ave	Westbound Left Turn Lane 2	670	NA	90	NA	**1800**
14	South Airport Blvd. and Utah Ave	Westbound Left Turn/Through Lane	670	120	0	**750**	**920**
14	South Airport Blvd. and Utah Ave	Westbound Through/Right Turn Lane	670	NA	240	NA	**910**
14	South Airport Blvd. and Utah Ave	Westbound Right Turn Lane	175	100	NA	**190**	NA

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
14	South Airport Blvd. and Utah Ave	Northbound U-Turn/Left Turn Lane	150	110	30	**230**	40
14	South Airport Blvd. and Utah Ave	Northbound Left Turn Lane	150	NA	**310**	NA	**370**
14	South Airport Blvd. and Utah Ave	Northbound Through Lane 1	740	**1050**	**2050**	**1630**	**1610**
14	South Airport Blvd. and Utah Ave	Northbound Through Lane 2	740	**1100**	**2050**	**1650**	**1620**
14	South Airport Blvd. and Utah Ave	Northbound Right Turn Lane	180	**250**	**300**	**250**	**220**
14	South Airport Blvd. and Utah Ave	Southbound Left Turn Lane 1	215	**250**	210	70	170
14	South Airport Blvd. and Utah Ave	Southbound Left Turn Lane 2	510	290	240	90	260
14	South Airport Blvd. and Utah Ave	Southbound Through Lane 1	510	220	220	190	450
14	South Airport Blvd. and Utah Ave	Southbound through Lane 2	510	NA	240	NA	460
14	South Airport Blvd. and Utah Ave	Southbound Through/Right Turn Lane	510	240	NA	210	NA
14	South Airport Blvd. and Utah Ave	Southbound Right Turn Lane	100	NA	**180**	NA	**230**
15	Harbor Wy and Utah Ave	Eastbound Left Turn/Through Lane	790	370	280	70	80
15	Harbor Wy and Utah Ave	Eastbound Through/Right Turn Lane	790	360	260	90	100

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
15	Harbor Wy and Utah Ave	Westbound Left Turn/Through Lane	480	60	60	150	**840**
15	Harbor Wy and Utah Ave	Westbound Through/Right Turn Lane	480	80	80	180	**850**
15	Harbor Wy and Utah Ave	Northbound Left Turn/Through/Right Turn Lane	930	70	70	90	200
15	Harbor Wy and Utah Ave	Southbound Left Turn/Through/Right Turn Lane	410	100	90	100	160
16	San Mateo Ave and Linden Ave	Westbound Left Turn Lane	380	130	140	180	160
16	San Mateo Ave and Linden Ave	Westbound Right Turn Lane	380	0	20	20	0
16	San Mateo Ave and Linden Ave	Northbound Through Lane	60	**90**	**90**	**110**	**110**
16	San Mateo Ave and Linden Ave	Northbound Right Turn Lane	60	**110**	**130**	50	**70**
16	San Mateo Ave and Linden Ave	Southbound Left Turn Lane	200	120	150	90	110
16	San Mateo Ave and Linden Ave	Southbound Through Lane	650	100	120	140	140
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Eastbound Left Turn/Through/Right Turn Lane	380	50	50	50	50
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Westbound Left Turn/Through/Right Turn Lane	470	140	130	100	110

No.	Intersection	Lane	Storage	No Build AM Peak Hour Queue Length (feet)	Build AM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)	No Build PM Peak Hour Queue Length (feet)
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Northbound Left Turn/Through/Right Turn Lane	440	240	**840**	70	90
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Southbound Left Turn Lane	50	**60**	**60**	40	50
17	San Mateo Ave and Tanforan Ave/Shaw Rd	Southbound Through/Right Turn Lane	60	60	60	40	30
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Westbound Left Turn Lane 1	90	50	60	**140**	**150**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Westbound Left Turn Lane 2	600	80	90	430	**960**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Westbound Right Turn Lane	200	60	110	**230**	**310**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Northbound U-Turn Lane	130	70	70	80	70
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Northbound Through Lane	900	450	**4,340**	**9,780**	**11,740**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Northbound Through/Right Turn Lane	900	490	**4,380**	**9,790**	**11,750**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Southbound U-Turn/Left Turn Lane	280	150	240	**520**	**650**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Southbound Through Lane 1	800	130	340	630	**1,540**
18	South Airport Blvd/South Airport Blvd and Belle Aire Rd	Southbound Through Lane 2	800	140	320	590	**1,580**

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Appendix K. Comment Letters and Responses

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San Francisco International Airport

September 6, 2022

TRANSMITTED VIA E-MAIL and U.S. MAIL
tanvi.gupta@dot.ca.gov

Tanvi Gupta
California Department of Transportation, District 4
P.O. Box 23660, MS-8B
Oakland, California 94623-0660

Subject: ***Comment Letter: Draft Environmental Impact Report/Environmental Assessment for the U.S. Highway 101/Produce Avenue Interchange Project, South San Francisco***

San Francisco International Airport (SFO or the Airport) staff have reviewed the Draft Environmental Impact Report/Environmental Assessment (EIR/EA) for the United States (US) Highway 101/Produce Avenue Interchange Project (the Proposed Project), located in the City of South San Francisco. We appreciate this opportunity to provide comments on the draft report.

R-1-1

According to the Draft EIR/EA, the Proposed Project is located over and adjacent to US Highway 101 (US 101) between post miles 21.3 and 21.7, in the City of South San Francisco. The Proposed Project would add an east-west connection across US 101 (also known as the Utah Avenue extension), modify three intersections, and provide additional pedestrian and bicycle access in the project vicinity. The proposed overcrossing would extend from the intersection of Utah Avenue and South Airport Boulevard to San Mateo Avenue. The intersections at South Airport Boulevard/Utah Avenue, San Mateo Avenue/Utah Avenue, and Airport Boulevard/Produce Avenue/San Mateo Avenue would be reconstructed to provide new turning lanes and pedestrian and bicycle facilities. The overcrossing would provide two through lanes, bicycle lanes, and sidewalks in each direction. The overcrossing would span from the east side of US 101 and extend over Terminal Court, an existing street.

R-1-2

As described in Exhibit IV-17 of the SFO ALUCP (see Attachment), the critical aeronautical surfaces above the Proposed Project location vary between approximately 140 feet above mean sea level (AMSL)[1] near Terminal Court, to over 250 feet above mean sea level (AMSL) near the South Airport Boulevard intersection. The height of the overcrossing is not described in the Draft EIR/EA but the maximum height of the lighting would be 35 to 40 feet above the new street level. Therefore, it is anticipated that the proposed structures would be below the critical aeronautical surfaces and the Proposed Project would not appear incompatible with the Airspace Compatibility Policies of the SFO ALUCP, subject to the issuance of a Determination of No Hazard from the Federal Aviation Administration (see below) for any proposed structures, and determinations from the City/County Association of Governments of San Mateo County as the designated Airport Land Use Commission.

This determination does not negate the requirement for the Proposed Project sponsor to undergo Federal Aviation Administration review as described in 14 Code of Federal Regulations Part 77 for both (1) the overcrossing and associated lighting and (2) any temporary cranes or other equipment taller than the permanent structure required to construct those structures. The Airport notes that as the western side of the

[1] In this context, AMSL is defined from the origin of the North American Vertical Datum of 1988 (NAVD88).

AIRPORT COMMISSION CITY AND COUNTY OF SAN FRANCISCO
LONDON N. BREED *MAYOR* | ELEANOR JOHNS *PRESIDENT* | MALCOLM YEUNG *VICE PRESIDENT* | EVERETT A. HEWLETT, JR. | JANE NATOLI | JOSE F. ALMANZA | IVAR C. SATERO *AIRPORT DIRECTOR*
Post Office Box 8097 San Francisco, California 94128 Tel 650.821.5000 Fax 650.821.5005 www.flysfo.com

Proposed Project (from Terminal Court to San Mateo Avenue) lies beneath a more restrictive airspace surface, it may be prudent to plan for lower cranes in this area to avoid a potential Determination of Hazard.

Due to the proximity of the Proposed Project to the Airport, Airspace Protection Policies (AP-1 through AP-4) from the SFO ALUCP are enclosed as reminders of incompatible site characteristics, especially as it pertains to wildlife attractants, particularly large flocks of birds, that pose threats to safe aircraft operations, and building materials/features that reflect and create bright lights/glare.

R-1-2 Cont.

Finally, the Airport requests to be included in discussions regarding the preparation of the Transportation Management Plan (TMP), which would address traffic disruptions from project construction. The Draft EIR/EA states that the TMP would "include outreach to inform local jurisdictions, agencies, and the public of the times and locations of upcoming construction, construction signs in approaching the project area, and incident management for traffic control in the vicinity of construction activities." Given the location of the project and the potential for temporary roadway closures of South Airport Boulevard, an important roadway for accessing Airport property, SFO would like to be involved in those discussions.

* * *

The Airport appreciates your consideration of these comments. If I can be of assistance, please do not hesitate to contact me at (650) 821-6678 or at nupur.sinha@flysfo.com.

Sincerely,

DocuSigned by:
Nupur Sinha
7D552AE8A4CE495...

Nupur Sinha
Director of Planning and Environmental Affairs
San Francisco International Airport

Attachment

cc: Audrey Park, SFO

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and associated with human disease of varying severity.

b. Biosafety Level 3 practices, safety equipment, and facility design and construction are applicable to clinical, diagnostic, teaching, research, or production facilities in which work is done with indigenous or exotic agents with a potential for respiratory transmission, and which may cause serious and potentially lethal infection.

c. Biosafety Level 4 practices, safety equipment, and facility design and construction are applicable for work with dangerous and exotic agents that pose a high individual risk of life-threatening disease, which may be transmitted via the aerosol route and for which there is no available vaccine or therapy.

4.5 Airspace Protection

The compatibility of proposed land uses with respect to airspace protection shall be evaluated in accordance with the policies set forth in this section. These policies are established with a twofold purpose:

1. To protect the public health, safety, and welfare by minimizing the public's exposure to potential safety hazards that could be created through the construction of tall structures.

2. To protect the public interest in providing for the orderly development of SFO by ensuring that new development in the Airport environs avoids compromising the airspace in the Airport vicinity. This avoids the degradation in the safety, utility, efficiency, and air service capability of the Airport that could be caused by the attendant need to raise visibility minimums, increase minimum rates of climb, or cancel, restrict, or redesign flight procedures.

4.5.1 FEDERAL REGULATIONS REGARDING TALL STRUCTURES

14 Code of Federal Regulations (CFR) Part 77, *Safe, Efficient Use and Preservation of the Navigable Airspace*, governs the FAA's review of proposed construction exceeding certain height limits, defines airspace obstruction criteria, and provides for FAA aeronautical studies of proposed construction. **Appendix F** describes the FAA airspace review process and the extent of FAA authority related to airspace protection.

4.5.2 PART 77, SUBPART B, NOTIFICATION PROCESS

Federal regulations require any person proposing to build a new structure or alter an existing structure with a height that would exceed the elevations described in CFR Part 77, Subpart B, Section 77.9, to prepare an FAA Form 7460-1, *Notice of Proposed Construction or Alteration*, and submit the notice to the FAA. The regulations apply to buildings and other structures or portions of structures, such as mechanical equipment, flag poles, and other projections that may exceed the aforementioned elevations.

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Exhibit IV-10 depicts the approximate elevations at which the 14 CFR Part 77 notification requirements would be triggered; see **Exhibit IV-11** for a close-up view of the northern half and **Exhibit IV-12** for a close-up view of the southern half of the area. These exhibits are provided for informational purposes only. Official determinations of the areas and elevations within which the federal notification requirements apply are subject to the authority of the FAA. The FAA is empowered to require the filing of notices for proposed construction based on considerations other than height. For example, in some areas of complex airspace and high air traffic volumes, the FAA may be concerned about the potential for new construction of any height to interfere with electronic navigation aids. In these areas, the FAA will want to review all proposed construction projects.

The FAA has developed an on-line tool for project sponsors to use in determining whether they are required to file a Notice of Proposed Construction or Alteration. Sponsors of proposed projects are urged to refer to this website to determine whether they are required to file Form 7460-1 with the FAA:

https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToolForm

4.5.3 AIRSPACE MAPPING

Part 77, Subpart C, establishes obstruction standards for the airspace around airports including approach zones, conical zones, transitional zones, and horizontal zones known as "imaginary surfaces." **Exhibit IV-13** depicts the Part 77 Civil Airport Imaginary Surfaces at SFO. The imaginary surfaces rise from the primary surface, which is at ground level immediately around the runways. The surfaces rise gradually along the approach slopes associated with each runway end and somewhat more steeply off the sides of the runways. The FAA considers any objects penetrating these surfaces, whether buildings, trees or vehicles travelling on roads and railroads, as obstructions to air navigation. Obstructions may occur without compromising safe air navigation, but they must be marked, lighted, and noted on aeronautical publications to ensure that pilots can see and avoid them.

Close-up views of the north and south sides of the Part 77 surfaces are provided in **Exhibit IV-14** and **Exhibit IV-15**, respectively. Additionally, **Exhibit IV-16** provides an illustration of the outer approach and transitional surfaces located on the southeast side of the Part 77 surfaces.

Together with its tenant airlines, SFO has undertaken a mapping effort to illustrate the critical aeronautical surfaces that protect the airspace required for multiple types of flight procedures such as those typically factored into FAA aeronautical studies, as shown on **Exhibit IV-17** and **Exhibit IV-18**. These aeronautical surfaces include those established in accordance with FAA Order 8260.3B, *U.S. Standard for Terminal Instrument Procedures (TERPS)*, and a surface representing the airspace required for One-Engine Inoperative (OEI) departures from Runway 28L (to the west through the San Bruno Gap).[16] The exhibits depict the lowest elevations from the combination of the OEI procedure surface and all TERPS surfaces. The surfaces are defined with Required Obstacle Clearance (ROC) criteria to ensure safe separation of aircraft using the procedures from the underlying obstacles. Any proposed structures penetrating these surfaces are likely to receive Determinations of Hazard (DOH) from the FAA through the 7460-1 aeronautical study process. These surfaces indicate the maximum height at which structures can be considered compatible with Airport operations.

[16] See Appendix F, Section F.3.2 for a discussion of one-engine inoperative procedures.

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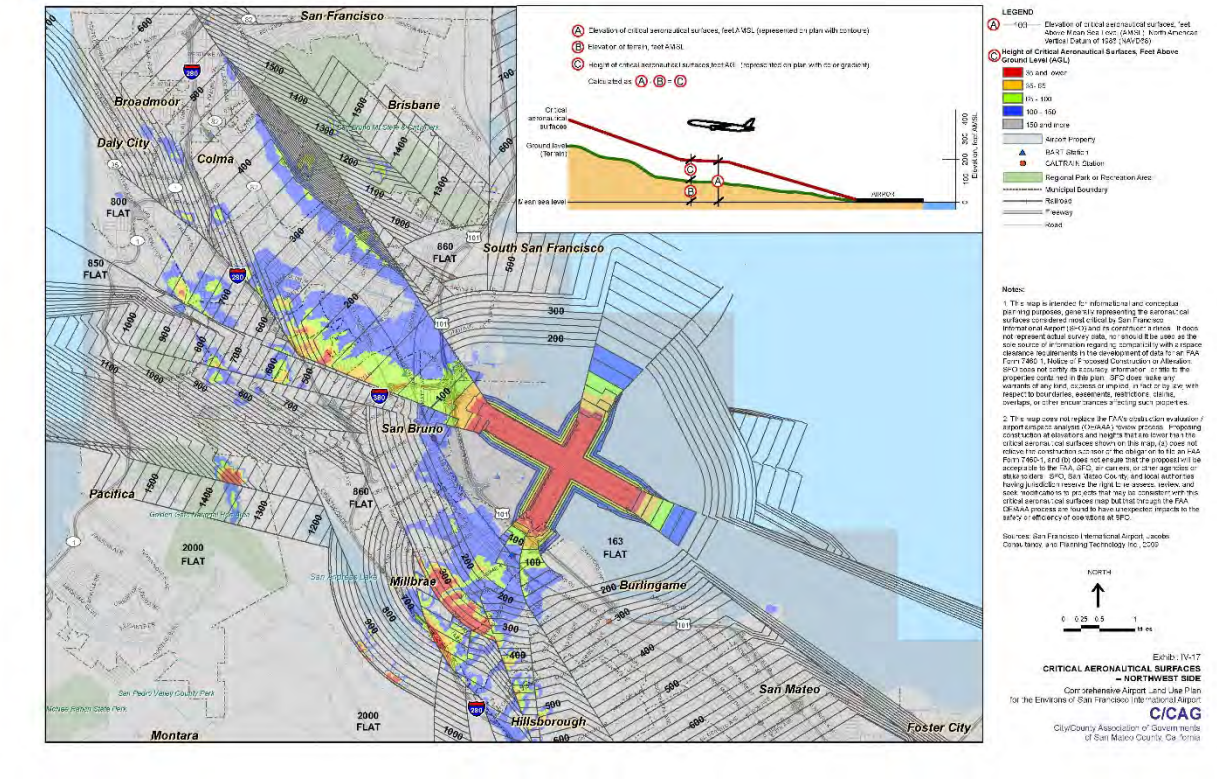

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Exhibit IV-19, which is provided for information purposes only, depicts a profile view of the lowest critical airspace surfaces along the extended centerline of Runway 10L-28R – the TERPS Obstacle Departure Procedure (ODP) surface, representing standard all-engines departures, and the approximate OEI surface developed by SFO through independent study in consultation with the airlines serving SFO. The exhibit also shows the terrain elevation beneath the airspace surfaces and various aircraft approach and departure profiles, based on varying operating assumptions. The exhibit illustrates a fundamental principle related to the design of airspace protection surfaces. The surfaces are always designed below the actual aircraft flight profile which they are designed to protect, thus providing a margin of safety. Note that the ODP climb profile is above the ODP airspace surface, and the OEI climb profile is above the OEI airspace surface.

4.5.4 AIRSPACE PROTECTION POLICIES

The following airspace protection policies (AP) shall apply to the ALUCP.

AP-1 COMPLIANCE WITH 14 CFR PART 77, SUBPART B, NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

AP-1.1 Local Government Responsibility to Notify Project Sponsors

Local governments should notify sponsors of proposed projects at the earliest opportunity to file Form 7460-1, *Notice of Proposed Construction or Alteration*, with the FAA for any proposed project that would exceed the FAA notification heights, as shown approximately on Exhibit IV-10. Under Federal law, it is the responsibility of the project sponsor to comply with all notification and other requirements described in 14 CFR Part 77. This requirement applies independent of this ALUCP.

AP-1.2 FAA Aeronautical Study Findings Required Before Processing Development Application

The sponsor of a proposed project that would exceed the FAA notification heights, as shown approximately on Exhibit IV-10, shall present to the local government permitting agency with his or her application for a development permit, a copy of the findings of the FAA's aeronautical study, or evidence demonstrating that he or she is exempt from having to file an FAA Form 7460-1. It is the responsibility of the local agency to consider the FAA determination study findings as part of its review and decision on the proposed project.

AP-2 COMPLIANCE WITH FINDINGS OF FAA AERONAUTICAL STUDIES

Project sponsors shall be required to comply with the findings of FAA aeronautical studies with respect to any recommended alterations in the building design and height and any recommended marking and lighting of their structures for their proposed projects to be deemed consistent with this ALUCP.

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AP-3 MAXIMUM COMPATIBLE BUILDING HEIGHT

In order to be deemed consistent with the ALUCP, the maximum height of a new building must be the lower of (1) the height shown on the SFO critical aeronautical surfaces map (Exhibits IV-17 and IV-18), or (2) the maximum height determined not to be a "hazard to air navigation" by the FAA in an aeronautical study prepared pursuant to the filing of Form 7460-1.

For the vast majority of parcels, the height limits established in local zoning ordinances are lower than the critical airspace surfaces. In those cases, the zoning district height regulations will control. Compliance with the zoning district height and the SFO critical aeronautical surfaces map, however, does not relieve the construction sponsor of the obligation to file a FAA Form 7460-1 *Notice of Proposed Construction or Alteration*, if required, and to comply with the determinations resulting from the FAA's aeronautical study.

For a project to be consistent with this ALUCP, no local agency development permits shall be issued for any proposed structure that would penetrate the aeronautical surfaces shown on Exhibits IV-17 and IV-18 or the construction of which **has not** received a Determination of No Hazard from the FAA, or which would cause the FAA to increase the minimum visibility requirements for any instrument approach or departure procedure at the Airport.

AP-4 OTHER FLIGHT HAZARDS ARE INCOMPATIBLE

Proposed land uses with characteristics that may cause visual, electronic, or wildlife hazards, particularly bird strike hazards, to aircraft taking off or landing at the Airport or in flight are incompatible in Area B of the Airport Influence Area. They may be permitted only if the uses are consistent with FAA rules and regulations. Proof of consistency with FAA rules and regulations and with any performance standards cited below must be provided to the Airport Land Use Commission (C/CAG Board) by the sponsor of the proposed land use action.

Specific characteristics that may create hazards to aircraft in flight and which are incompatible include:

(a) Sources of glare, such as highly reflective buildings or building features, or bright lights, including search lights or laser displays, which would interfere with the vision of pilots making approaches to the Airport.

(b) Distracting lights that that could be mistaken by pilots on approach to the Airport for airport identification lighting, runway edge lighting, runway end identification lighting, or runway approach lighting.

(c) Sources of dust, smoke, or water vapor that may impair the vision of pilots making approaches to the Airport.

(d) Sources of electrical interference with aircraft or air traffic control communications or navigation equipment, including radar.

(e) Land uses that, as a regular byproduct of their operations, produce thermal plumes with the potential to rise high enough and at sufficient velocities to interfere with the control of aircraft in

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flight. Upward velocities of 4.3 meters (14.1 feet) per second at altitudes above 200 feet above the ground shall be considered as potentially interfering with the control of aircraft in flight.[17]

(f) Any use that creates an increased attraction for wildlife, particularly large flocks of birds, that is inconsistent with FAA rules and regulations, including, but not limited to, FAA Order 5200.5A, *Waste Disposal Sites On or Near Airports*, FAA Advisory Circular 150/5200-33B, *Hazardous Wildlife Attractants On or Near Airports*, and any successor or replacement orders or advisory circulars. Exceptions to this policy are acceptable for wetlands or other environmental mitigation projects required by ordinance, statute, court order, or Record of Decision issued by a federal agency under the National Environmental Policy Act.

4.5.5 iALP AIRSPACE TOOL

In consultation with C/CAG, SFO developed the iALP Airspace Tool, a web-based, interactive tool to evaluate the relationship of proposed buildings with the Airport's critical airspace surfaces. The iALP Airspace Tool is designed to assist planners, developers, and other interested persons with the implementation of the airspace protection policies of the SFO ALUCP. The tool helps users determine: (1) the maximum allowable building height at a given site, and/or (2) whether a building penetrates a critical airspace surface, and by how much, given the proposed building height.

A more detailed description of the iALP Airspace Tool and a tutorial explaining how to use it is presented in **Appendix J**. Use of this tool, however, does not relieve a project sponsor of the duty to comply with all federal regulations, including the obligation to file Form 7460-1, Notice of Proposed Construction or Alteration, with the FAA.

[17] This is a threshold established by the California Energy Commission in its review of power plant licensing applications. See *Blythe Solar Power Project Supplemental Staff Assessment, Part 2*,. CEC-700-2010-004-REV1-SUP-PT2, July 2010. California Energy Commission. Docket Number 09-AFC-6, p. 25. This criterion is based on guidance established by the Australian Government Civil Aviation Authority (Advisory Circular AC 139-05(0), June 2004). The FAA's Airport Obstructions Standards Committee (AOSC) is studying this matter but has not yet issued specific guidance.

Response to Comment R-1-1

This comment contains introductory statements; no response is required.

Response to Comment R-1-2

Thank you for your comment. The overcrossing structure would require a minimum vertical clearance of approximately 19 feet above ground surface, and the proposed lighting would be 35 to 40 feet high. As this comment states, this would be below the critical aeronautical surfaces. Information on construction crane heights, as noted in your comment, has not been developed at this preliminary phase of design but can be provided during final design. Caltrans appreciates the detailed consideration by San Francisco International Airport (SFO), and will continue to inform SFO and other stakeholders of project developments.

From: Mary Sales <mary@merrysales.com>
Sent: Thursday, August 11, 2022 7:21 PM
To: Gupta, Tanvi@DOT <Tanvi.Gupta@dot.ca.gov>
Cc: mike.futrell@ssf.net <mike.futrell@ssf.net>; Jim Porter <jim_porter@merrysales.com>
Subject: 1415 San Mateo Avenue

EXTERNAL EMAIL. Links/attachments may not be safe.

I-1-1 Hi - I made a comment this evening during the Zoom meeting (101/Produce/Utah interchange) regarding the flooding problem on San Mateo Avenue. During king tides and heavy rain, our building on 1415 San Mateo Avenue floods, meaning the storm drains cannot handle the amount of water and the water seeps into our building; the street is flooded, even with the pump station at the canal down the street from us. I have attached a picture I just took now, showing our tenant having to place sandbags on her side trying to keep the water out. Every winter this occurs. This will create a huge problem moving forward with your project and it needs to be addressed. Thank you for your time and please contact us if you need clarification.

Best Regards,

Mary Sales
Interloc Design Group
The Merry Sales Co.
Soma Fabrications
Interloc Racing Design
Yokozuna USA
New Albion
Newbaum's Tape
Pake
Crane Bells
Cardiff, Ltd.
Osaka Bells
Tanaka

Response to Comment I-1-1

Thank you for your comment. As stated in Sections 2.3.1, 2.3.2, and 3.2.10, the Build Alternative would not lead to significant environmental impacts to hydrology, floodplains, water quality, or stormwater runoff. As shown in Figure 2.3.1 1 in the EIR/EA, part of the project area is within Zone AE EL 10, which represents areas that are subject to flooding by the aforementioned 100-year flood. This Zone AE includes the property at 1415 San Mateo Avenue.

The project would add an elevated bridge structure and intersection improvements within an already urbanized and paved area. This would add some fill within the flood zone, primarily for the bridge abutments and supporting columns. The hydrology evaluation conducted to date identified that these project changes would not change the overall land use and would not significantly increase the impervious area that would affect drainage. Therefore the project was determined to not have a significant encroachment into the existing floodplain. Additional hydrology analysis would be performed as part of final design. A drainage plan, including the collection, discharge, and treatment of runoff from the project's paved surfaces would be part of final design.

Thus, the project would not significantly change the existing flood risk within the project area, including at the property on San Mateo Avenue (it would not significantly increase or decrease the existing flood plain risk for the local area). While additional actions (i.e., drainage rehabilitation) are not within the scope of the Build Alternative, that does not preclude the City of South San Francisco or other future projects from studying and implementing additional features. This comment and issue have been forwarded to the City of South San Francisco.

From: Darryl Yip <darrylyip2@gmail.com>
Sent: Tuesday, September 6, 2022 7:30 AM
To: Bicycle and Pedestrian Advisory Committee <bpac@ssf.net>; Espiritu, Christopher <Christopher.Espiritu@ssf.net>
Subject: Major concern about the US Highway 101/Produce Avenue Interchange Project

Please forward email and attachment to my fellow BPAC members.

Hi BPAC,

I-2-1

I'm sharing my public comment letter on the DEIR of the US Highway 101/Produce Avenue Interchange Project, which would expand Utah Ave. and widen an interchange at Produce Ave. In contrast to state law and CEQA Guidelines, the DEIR falsely claims "no impact" on increasing vehicle miles traveled, leading to faulty conclusions on environmental justice, air quality, climate change, and consistency with local and regional plans. While the city may claim that it's supporting the draft Active South City Plan because the project has a bicycle lane made of paint, by adding vehicle capacity, the city is also increasing driving, which goes against both the draft Active South City Plan and the draft General Plan with goals to reduce the need to drive. I'm also sure you're well aware that the project to expand the roadway is located in an Equity Priority Community and is in the single most polluted census tract in the entire San Francisco Bay Area (CalEnviroScreen 4.0), the textbook definition of environmental injustice.

I know the city has been working on this project for a long time, but I do not believe the impacts can be mitigated in the build alternative and urge my fellow BPAC members to take a stand against this project as it will induce vehicle travel, undermining the city's, region's, and state's climate and equity goals. Should the city move forward with the project, it is imperative for the city to conduct a thorough, holistic reevaluation of the project that accounts for its impact within the broader context of our region's transportation system, environment, and vulnerable communities. I look forward to working with you on this issue.

Darryl Yip

Date: September 6, 2022
To: Caltrans and the City of South San Francisco
From: Darryl Yip; Transportation Planner; Member, SSF Bicycle & Pedestrian Advisory Committee
Jennifer Garstang; Educator; Acting Secretary, Sustainable South City
Re: Public Comment on DEIR for US Highway 101/Produce Avenue Interchange Project, Project ID 0413000212

Dear Caltrans and the City of South San Francisco ("city"),

I-2-2

Thank you for the opportunity to comment on the DEIR for the US Highway 101/Produce Avenue Interchange Project ("project"), Project ID 0413000212. We are South San Francisco residents with backgrounds in transportation planning, education, and climate advocacy. **As such, we can say with confidence that the DEIR for this project does not follow CEQA Guidelines 2022 to adequately evaluate the full impact of induced demand on vehicle miles traveled, and, therefore, fails to accurately account for the negative impacts it will have on the environment and surrounding vulnerable communities.** In contrast to the CEQA Guidelines, the DEIR (1) does not adequately evaluate the full impact of induced demand on vehicles miles traveled (Section 3.2.17.1). This results in it falsely stating that the project will have "no impact" on (2a) Environmental Justice (Section 2.2.6), (2b) Air Quality (Section 3.2.3), (2c) Climate Change (Section 3.3), and (3) that the project is consistent with local and regional plans (Section 2.2.2.1). We do not believe these impacts can be mitigated in the build alternative and urge the City of South San Francisco to halt this project as its DEIR does not meet CEQA standards.

I-2-3

1. Section 15064(h) of the CEQA Guidelines requires project sponsors to analyze **the cumulative and indirect impacts on vehicle miles traveled**, or VMT. This project's DEIR fails to meet that condition, as demonstrated by its section titled "CEQA Significance Determinations for Transportation" (Section 3.2.17.1). This section erroneously states there will be a "less than significant impact" on vehicle miles traveled, pursuant to CEQA Guidelines Section 15064.3, subdivision (b). That claim is only possible if the project is incorrectly analyzed in a vacuum without considering the numerous related projects planned throughout our region, including the US-101 Managed Lanes Project (all phases) by the San Mateo County Transportation Authority. **The DEIR's failure to incorporate a holistic review *of the cumulative and indirect impacts of all planned transportation investments* in its VMT analysis means that it does not reflect the true increase that this project will cause in traffic and its associated environmental harms[1].** The city can begin to correct this error by applying the elasticity-based National Center for Sustainable Transportation Induced Demand Calculator (2019) for capacity-increasing projects to estimate induced travel (Transportation Analysis under CEQA, Caltrans, 2020).

    a. The DEIR fails to assess the negative impacts this project will have on induced demand and the rest of our transportation system. Induced demand is a well-known phenomenon. Adding new road capacity attracts more travelers from

[1] The city is well aware of the project's relationship to other projects. Email exchanges on July 22, 2021, obtained via public records requests, between San Mateo County Transportation Authority project staff/contractors and the City of South San Francisco, specifically cite the need for "significant traffic improvements" to US-101 as a prerequisite for this overpass project. This makes the failure to analyze the broader environmental context even more unacceptable.

I-2-3 Cont.

other modes, times of day, and other routes (UCLA Transfers Magazine, UCLA, 2022), leading to longer vehicle trips, more frequent vehicle trips, and changes to land use (Transportation Analysis under CEQA, Caltrans, 2020). Projects that lower travel costs of driving like time, money, and uncertainties; increase capacity, especially along already congested routes; or provide significantly higher levels of roadway connectivity can and will induce vehicle travel, undermining investments like Caltrain electrification and the proposed Active South City Plan.

b. Moreover, this DEIR's analysis on induced demand looks at far too narrow a window of space and time to accurately assess its impact. Corridor-level analyses only pick up a portion of the potential induced travel where impacts are felt region-wide, and short-term analyses only pick up the start of the uptick in induced travel when long-term effects accrue over 10 years or more (SB 743 Expert Panel Final Report on Calculating Induced VMT from Highway Projects, Caltrans, 2020).

c. *Therefore, per CEQA Guidelines Section 15064(h), cumulatively analyze the transportation impacts of both this project and all three phases of the US-101 Managed Lanes Projects in a wide space and time.* In other words, do *not* just analyze VMT impacts immediately adjacent to the project, analyze VMT impacts across the entire freeway network, especially along the current and planned expansions along US-101. Do *not* just analyze VMT impacts over the next few years, analyze VMT impacts over the next 30-50 years to incorporate planned increases in commercial development and activity. Pursuant to the Transportation Analysis Under CEQA document from Caltrans, apply the National Center for Sustainable Transportation Induced Demand Calculator, which states that adding roadway capacity does indeed induce travel and traffic. For example, if one analyzes just the planned expansion of US-101 North of I-380, that project will induce regional VMT by at least 145.3 million miles a year, or 400,000 additional VMT a day, which is the equivalent of a car crossing the Golden Gate Bridge over 230,000 times or circling the earth 16 times in one day.

I-2-4

2. The DEIR's failure to evaluate the full impact of induced demand on VMT as required by CEQA Guidelines 2022 Section 15064(h) has resulted in false conclusions regarding Environmental Justice (Section 2.2.6), Air Quality (Section Section 3.2.3), and Climate Change (Section 3.3). *Therefore, the city needs to evaluate the full VMT impact on environmental justice, air quality, and climate change, per CEQA Guidelines Section 15064(h).*

   a. The DEIR's failure to assess the full impact of induced demand on VMT has resulted in a false conclusion of "no impact" on Environmental Justice (Section 2.2.6). The DEIR bases its current conclusion on the fact that "there is no housing in or immediately adjacent to the proposed project area". However, the pollution from increased driving–including but not limited to exhaust fumes, tire microplastics, and brake dust–will not be confined to areas immediately adjacent to the proposed project area. *The project is located in an MTC Equity Priority Community (EPC) with a high proportion of marginalized people of color* (Equity Priority Communities, MTC, 2021). *This EPC is in the 95th percentile of most polluted census tracts in California and is already the single most polluted census tract in the entire nine-county San Francisco Bay Area region* (CalEnviroScreen

4.0, CA OEHHA, 2021). Increased VMT and pollution in vulnerable communities of color that are already suffering disproportionate harms from infrastructure is a textbook example of environmental injustice.

b. The DEIR's failure to evaluate the full impact of induced demand on VMT, has also resulted in a false conclusion of "no impact" on Air Quality (Section 3.2.3). As established above, this project will result in increased air pollutants from vehicle traffic.

c. The DEIR's failure to evaluate the full impact of induced demand on VMT, has also resulted in the profoundly incorrect conclusion that the project will "lower GHG emissions" in its statement on Climate Change (Section 3.3). "Lower GHG emissions" is predicated on the thoroughly debunked assumption that adding roadway capacity will reduce congestion, when, in fact, the opposite is true. As established above, adding roadway capacity induces demand for driving, thus *raising*, not lowering, GHG emissions.

I-2-4 Cont.

3. The false conclusions in the DEIR also obscure the fact that the DEIR violates Section 15125(d) of the CEQA Guidelines, which requires an EIR to be consistent with general plans, specific plans, and regional plans. *The DEIR's failure to accurately assess the true increases to VMT means that the city must reevaluate it once environmental and equity impacts are correctly calculated to confirm whether or not it is still consistent with the long-term goals of those plans, per CEQA Guidelines Section 15125(d).*

a. In regards to local plans, the DEIR erroneously states that the project is consistent with the goals of the Climate Action Plan and the General Plan. The DEIR relies on the outdated goals of the General Plan Transportation Element from 2014 instead of the soon-to-be-approved Draft General Plan Mobility and Access Element and Climate Element from 2022. Therefore, the city needs to evaluate the full VMT impact on consistency with local plans and should evaluate based on the updated draft General Plan, per CEQA Guidelines Section 15125(d).

i. Section 2.2.2.1 of the DEIR states that the project is consistent with the city's Climate Action Plan under "Measure 1.1: Expand active transportation alternatives by providing infrastructure and enhanced connectivity for bicycle and pedestrian access." However, the city has explicit goals in its Climate Action Plan to reduce greenhouse gas emissions to 15% below 2005 levels by 2020 (Climate Action Plan, 2014). Moreover, the city has draft goals to in its draft Climate Element of the General Plan to become carbon-neutral by 2045 (Draft General Plan Climate Element, 2022). While the city does propose to include bicycle lanes made of paint, as established above, they are not enough to mitigate the induced demand that the project will have on driving and will worsen any incentives for the mode shift needed to help meet the goals of the city's Climate Action Plan and draft General Plan.

ii. Section 2.2.2.1 of the DEIR states that the project is consistent with the General Plan Transportation Element from 2014. While partially true, the city is in the process of revising the Transportation Element with updated goals (Draft General Plan Mobility and Access Element, 2022). The

I-2-5

newer goals, actions, and policies highlight ways that the city will *prioritize moving people, not cars*. These include, but are not limited to:

1. Goal MOB-2: "South San Francisco provides a multimodal network with convenient choices for everyone…To provide low-cost, low-impact travel options and *to focus on moving people rather than cars* (Resolution 86-2012)."

2. Action MOB-3.1.2: "*Implement an East of 101 area trip cap* with triennial monitoring and corrective actions if exceeded. Implement project-specific trip caps for large campus developments."

3. Policy MOB-3.2: "Optimize traffic operations on City streets while *avoiding widening roadways* or otherwise pursuing traffic operations changes at expense of multimodal safety, transit reliability, or bicycle and pedestrian comfort."

I-2-5 Cont.

b. Regarding regional plans, Section 2.2.2.1 of the DEIR incorrectly states that the project is consistent with Plan Bay Area. Although it is included in the list of projects in Plan Bay Area, the project is *not* consistent with regional plans as it actively goes against regional goals. Plan Bay Area has explicit goals to reduce per-capita carbon emissions from cars and light duty trucks and increase non-automobile mode share by 10% (Plan Bay Area 2050 Goals and Targets, 2021). As mentioned above, roadway expansions make it more attractive to drive and thus induce demand, increasing per-capita carbon emissions from cars and trucks and decreasing non-automobile mode share. Therefore, the city needs to evaluate the full VMT impact on consistency with regional plans, per CEQA Guidelines Section 15125(d).

I-2-6

For all of the reasons stated above, we do not believe the impacts can be mitigated in the build alternative and urge the city to halt this project. If the city moves forward, it is imperative for the city to conduct a thorough, holistic reevaluation of the project that accounts for its impact within the broader context of our region's transportation system, environment, and vulnerable communities. Thank you for your time and urgent action.

CC

- Mayor Mark Nagales
- Vice Mayor Buenaflor Nicolas
- Councilmember Eddie Flores
- Councilmember Mark Addiego
- Councilmember James Coleman
- City of South San Francisco Bicycle and Pedestrian Advisory Committee
- Supervisor Dave Pine
- Supervisor David Canepa
- Harbor Commissioner Nancy Reyerling
- Harbor Commissioner Edmundo Larenas
- Assemblymember Kevin Mullin
- Assemblymember Phil Ting
- State Senator Josh Becker
- State Senator Scott Wiener
- Representative Jackie Speier
- Jeanie Ward-Waller, Deputy Director, Planning and Modal Programs, Caltrans HQ
- Tony Dang, Deputy Director, Sustainability, Caltrans HQ
- Eric Sundquist, SB 743 Manager, and team, Caltrans HQ
- Dina El-Tawansy, Director, Caltrans District 4
- Climate Plan
- Silicon Valley Bicycle Coalition
- San Mateo Daily Journal
- StreetsblogSF

Response to Comment I-2-1

Thank you for your comments. Caltrans appreciates your detailed consideration but does not agree with your conclusion that the project would have significant environmental impacts to transportation, environmental justice, air quality, climate change, or consistency with local and regional plans. Please see the proceeding comment responses, which provide a detailed explanation of the modeling used for vehicle miles traveled (VMT), and how that modeling relates to the aforementioned resource areas.

Response to Comment I-2-2

The California Natural Resources Agency adopted new CEQA Guidelines consistent with Senate Bill (SB) 743 in December 2018, which went into effect in July 2020. The new CEQA Guidelines state in Section 15064.3 that, generally, VMT is the appropriate measure of transportation impacts, not LOS. As a result of this regulatory change, a project's effect on automobile delay (LOS) no longer constitutes a significant environmental impact. This does not preclude LOS as being an informational measure that is reported in a CEQA document—it just cannot be a measure of CEQA impact significance. The EIR/EA reports both VMT and LOS, but VMT is the measure of significance reported in Section 3.2.17.1 and its corresponding checklist.

Caltrans guidance for evaluation of VMT was issued in the Transportation Analysis under CEQA (Caltrans 2020c) and Transportation Analysis Framework (TAF) (Caltrans 2020d). As per CEQA and Caltrans guidelines, transportation projects that reduce, or have no impact on vehicle miles traveled (VMT), should be presumed to cause a less-than-significant transportation impact. Caltrans implemented this policy for projects that started after September 2020 and provided guidance describing the process in relation to CEQA.

VMT was extracted from the traffic forecast model for the sub area selected to capture all parallel and potential diversion routes in the project's traffic forecast study area. The traffic forecast study area extended on US 101 from just north of the East Grand Avenue interchange to just south of the San Bruno Interchange, and to east of Harbor Way and to west of South Linden Avenue. All streets within this rectangular study area were used to create a "sub area" street and intersection network to generate VMT for the study years of 2025 and 2045, for both the No Build and Build Alternatives. The total VMT on the street network within this study area was used to compare between alternatives. The table below provides the VMT comparison between the No Build and Build Alternatives. VMT is also reported in the EIR/EA in Section 2.3.8.3.

Year 2025 and 2045 VMT Summary from Forecast Model - No Build vs Build

Vehicle Miles Travelled (VMT)	2025 No Build	2025 Build	2045 No Build	2045 Build	2025 % Diff - Build Vs No Build	2045 % Diff - Build Vs No Build
VMT - Daily	1,127,743	1,126,771	1,167,053	1,166,514	-0.09%	-0.05%

The traffic forecast model used for the above estimate of VMT is the C/CAG-VTA Countywide model (https://ccag.ca.gov/programs/travel-demand-model/). The State requires that every congestion management agency (in coordination with the regional transportation planning agency, which is MTC), develop and maintain a database and countywide model to be used for transportation analysis, including evaluation of sub areas such as was done for this project. The C/CAG model's land use and transportation network are updated consistent with MTC's Bay Area Travel Demand Model. These data are the most up to date regional traffic forecast data, and are required to be applied for analysis of transportation projects on the State highway system including the US 101/Produce Avenue Interchange. As a travel forecast model, the C/CAG-VTA Countywide model generates VMT for the selected study area and for specified study years. This model also provided the basis for the traffic volumes used in the traffic operational analysis that provided volumes and speeds at a local street and freeway level used for evaluation of LOS and other measures of traffic performance reported in the Draft EIR/EA.

The Caltrans guidelines process includes an initial screening of project type and determines whether the project is likely to induce travel. If the proposed project does not induce travel, it can be screened out from a more formal and detailed analysis. The Build Alternative would not add any capacity (add lanes to mainline) to the freeway or ramps, and the overcrossing would carry collector level traffic volumes only. Additionally, the travel demand model results predicted only localized shifts with the proposed overpass over US 101, showing that the proposed project is not expected to induce travel within the study area, as indicated in the previous table.

A sub-area level comparison of the daily VMT between the Build Alternative and No Build Alternative from the travel demand model indicated that VMT would be slightly reduced as a result of the Build Alternative in both the opening year, 2025, and design year, 2045. This VMT reduction is likely the result of two factors:

- trips shifting to a shorter route with the proposed overcrossing in place; and
- the new, shorter route reducing distance traveled (i.e., drivers would have a less circuitous route across US 101 in some cases).

The Build Alternative would also improve pedestrian and bicycle conditions along the proposed overcrossing, and at adjacent intersections. While these improvements were not factored into the calculation and modeling of VMT, they are intended to encourage mode shift towards active transportation.

Based on the comparison of VMT between the No Build and Build Alternatives, which shows a reduction in VMT with the Build Alternative, the project would have a less-than-significant impact on transportation. Therefore, no mitigation is required.

Response to Comment I-2-3

Please see the response to comment I-2-2 regarding analysis of VMT for the Build and No Build Alternatives. The Draft EIR/EA noted that the limited distance of the proposed overpass (approximately ¼ mile long, with two lanes in each direction) attracted future year traffic volumes that were characteristic of a collector street, since it connects two minor arterials (Utah Avenue and San Mateo Avenue). The project does not connect to US 101 – it only crosses over the freeway.

Cumulative traffic from existing and future transportation investments are included in the C/CAG-VTA Countywide model used for the project VMT analysis. The countywide model includes transportation projects that are programmed in the Regional Transportation Plan, which was Plan Bay Area 2040, and most recently updated to Plan Bay Area 2050. The 101/Produce Avenue Interchange Project is included in Plan Bay Area, as are the US 101 Managed Lanes Projects, from Santa Clara County to Whipple Avenue, and from Whipple Avenue to I-380 that is currently in construction (the first two phases referred to in this comment). The US 101 Managed Lanes Project North (I-380 to the San Mateo/San Francisco County line) is also included, that is planned and in the preliminary design phase. These and other planned or programmed transportation projects are also included, and are phased in the model depending on their anticipated opening year with respect to this project's 2025 and 2045 future study years. Therefore, the C/CAG-VTA Countywide model includes programmed and planned transportation projects in the travel forecast that generated the VMT volumes and traffic conditions used in the evaluation of LOS and other traffic measures.

This comment identifies the induced travel demand calculator for capacity increasing projects. The calculator applies to facilities with Federal Highway Administration (FHWA) functional classifications of 1, 2 or 3. That corresponds to interstate highways (class 1), other freeways and expressways (class 2), and other principal arterials (class 3). Since this overcrossing is not a principal arterial, the calculator was not used for VMT analysis purpose and because the C/CAG-VTA Countywide model was available to generate VMT results consistent with regional travel demand modeling. The project would not modify the US 101 freeway, and would not add lanes or change the capacity of US 101.

This comment also states that a corridor analysis only evaluates a portion of induced traffic within a regional area, and evaluates only short-term time periods in comparison to effects over a 10-year time horizon. The regional C/CAG-VTA Countywide model includes the roadway network within the study area described in response to comment I-2-2. This includes US 101, and also all arterials and expressways. This is an important aspect of the Countywide model, as it allows evaluation of shifts in traffic that occur with and without a project in place. For the US 101/Produce Avenue Interchange project, the proposed overcrossing provides an alternative or additional crossing of US 101, in addition to the existing undercrossing of Airport Boulevard. The forecast modeling and traffic operational analysis showed a shift in traffic for vehicle trips that could use the overcrossing to access either side of US 101, and this resulted in slightly shorter trips and slightly reduced VMT. The study years of 2025 and 2045 represent the opening

year of the project (2025) and a future horizon year (2045, or 20 years out). Therefore, the traffic analysis did include and compare conditions in the long-term.

The cumulative traffic conditions were evaluated for the 2025 and 2045 study years for VMT and other traffic conditions, which addresses CEQA's requirement for cumulative impacts noted in this comment. As stated above, this included the three US 101 Managed Lanes projects that are under construction or proposed/planned, as well as other transportation projects planned by local and regional transportation agencies in the Bay Area.

Travel on local and regional roadways and freeways is constrained by the roadway network, such as at intersections or points of congestion. The traffic forecast model generates and includes new trips that can access new capacity, such as the proposed overcrossing, but the analysis also is constrained by other remaining congestion points that are accounted for in the traffic operational analysis. For example, traffic controls at intersections and constrained turning movements limit the number of vehicles that can ultimately access and use the roadway network and these conditions are represented in the traffic operational analysis that was completed for this project.

Response to Comment I-2-4

Please see the responses to comments I-2-2 and I-2-3 regarding the project's VMT analysis. The project would not increase VMT, as explained therein, and is projected to reduce VMT relative to the No Build Alternative. Therefore, additional calculations and analysis stand regarding operational emissions, to include greenhouse gas emissions.

This comment states that the Build Alternative would lead to significant environmental effects on environmental justice. As stated in Section 2.2.6.2 of the Draft EIR/EA, three U.S. Census Block Groups in the vicinity of the project meet the definition of an Environmental Justice Community used for this analysis. However, the project would not lead to a disproportionate impact to an Environmental Justice Community. Temporary impacts such as street closures, construction noise and dust would be limited to the construction period and would affect all people that travel through the project area by vehicle, regardless of transportation mode. Therefore, this does not represent a disproportionate impact.

As stated above in the responses to comments I-2-2 and I-2-3, the Build Alternative would not increase VMT. Conversely, it is projected to reduce VMT. Further, as shown in Section 2.3.6.3, the Build Alternative would not increase operational criteria air pollutant or mobile source air toxics emissions relative to the No Build Alternative. As shown in Tables 2.3.6-3 and 2.3.6-4, these emissions are projected to be lower with the Build Alternative. Construction emissions would be short-term, and project features PF-AIR-01 and 02 would be implemented as best practices for dust and exhaust during construction.

Response to Comment I-2-5

Please see the responses to comments I-2-2 and I-2-3 regarding the project's VMT analysis. The project would not increase VMT, as explained therein, and is projected to reduce VMT relative to the No Build Alternative.

This comment states that the project is inconsistent with the City of South San Francisco's Climate Action Plan (CAP). This claim is based on the CAP's goal of reducing greenhouse gas emissions to 15% below 2005 levels by 2020. However, as stated in the responses to comments I-2-2, 3, and 4, the Build Alternative would not increase VMT relative to the No Build Alternative – it is projected to reduce VMT. Additionally, the project would accommodate bicycle and pedestrian modes by implementing new Class II bike lanes, sidewalks, and signalized crosswalks. Although these non-vehicle improvements are proposed as part of the project, these amenities were not a factor in the comparison of VMT between the Build and No Build alternatives.

Please also note that the General Plan Transportation Element (Amended by Resolution 136-2014, adopted December 10, 2014) was reviewed in the Draft EIR/EA because it is part of the currently adopted General Plan. Regardless, the Build Alternative is projected to reduce VMT relative to the No Build Alternative, and would improve bicycle and pedestrian infrastructure, thus encouraging mode shift.

This comment further states that the project is inconsistent with Plan Bay Area 2050, citing Plan Bay Area goals to "reduce per-capita carbon emissions from cars and light duty trucks and increase non-automobile mode share by 10%." As stated above, VMT is projected to be reduced with the Build Alternative relative to the No Build Alternative. Further, the project would provide enhanced pedestrian and bicycle travel options.

Response to Comment I-2-6

Thank you for your comments. The Build Alternative is projected to slightly reduce VMT relative to the No Build Alternative. The VMT volumes for the No Build and Build alternatives were included in the Draft EIR/EA (Section 2.3.8.3). As stated in the response to I-2-2, the Build Alternative would not add any capacity (add lanes to mainline) to the freeway or ramps, and the overcrossing would carry collector level traffic volumes only. Additionally, the travel demand model results predicted only localized shifts with the proposed overpass over US 101, showing that the proposed project is not expected to induce travel within the study area.

From: Anthony.Middleton <Anthony.Middleton@Kiewit.com>
Sent: Wednesday, September 7, 2022 9:58 AM
To: Gupta, Tanvi@DOT <Tanvi.Gupta@dot.ca.gov>
Subject: US Highway 101/Produce Avenue Interchange Project

EXTERNAL EMAIL. Links/attachments may not be safe.

Good Morning

My name is Anthony Middleton. I am the Business Development Specialist for Kiewit in Fairfield, Ca. I am reaching out today regarding an update on your following projects: US Highway 101/Produce Avenue Interchange Project.

- Is there an estimated cost update for this project?
- Is there a Release date update for this project?
- Do you happen to have a Conceptual design for this project?

Thank you for your time

Kiewit
Anthony Middleton
Kiewit Infrastructure West Co.
District Office Fairfield
Business Development Specialist
4650 Business Center Drive,
Fairfield California 94534
916-599-2214 cell
707-439-7392 Office

Anthony.Middleton@kiewit.com

Response to Comment I-3-1

The most recent project funding and schedule for the project is described in Section 1.4 of the Final EIR/EA. That section includes the schedule for the different phases, including construction (2025 to 2027) and the cost estimate (approximately $125 million in 2024 dollars).

Appendix F:
Tribal Outreach Materials

Infinite 131 Project – Native American Consultation

Contact List	Date Letter Sent to Contact	Comments/Concerns
Amah Mutsun Tribal Band of Mission San Juan Bautista Irene Zwierlein, Chairperson 3030 Soda Bay Road Lakeport, CA, 95453 amahmutsuntribal@gmail.com (650) 851-7489	9/27/2023	N/A
Costanoan Rumsen Carmel Tribe Tony Cerda, Chairperson 244 E. 1st Street Pomona, CA, 91766 rumsen@aol.com (909) 629-6081	9/27/2023	N/A
Indian Canyon Mutsun Band of Costanoan Ann Marie Sayers, Chairperson P.O. Box 28 Hollister, CA, 95024 ams@indiancanyon.org (831) 637-4238	9/27/2023	N/A
Indian Canyon Mutsun Band of Costanoan Kanyon Sayers-Roods 1615 Pearson Court San Jose, CA, 95122 kanyon@kanyonkonsulting.com (408)673-0626	9/27/2023	N/A
Muwekma Ohlone Indian Tribe of the SF Bay Area Charlene Nijmeh, Chairperson 20885 Redwood Road, Suite 232 Castro Valley, CA, 94546 cnijmeh@muwekma.org (408)464-2892	9/27/2023	N/A
Muwekma Ohlone Indian Tribe of the SF Bay Area Monica Arellano, Chairwoman 20885 Redwood Road, Suite 232 Castro Valley, CA, 94546 monicavarellano@gmail.com (408) 205-9714	9/27/2023	N/A

The Ohlone Indian Tribe Andrew Galvan, Chairperson P.O. Box 3388 Fremont, CA, 94539 chochenyo@aol.com (510) 882-0527	9/27/2023	N/A
Wuksachi Indian Tribe/Eshom Valley Band Kenneth Woodrow, Chairperson 1179 Rock Haven Ct. Salinas, CA, 93906 kwood8934@aol.com (831) 443-9702	9/27/2023	N/A

DEPARTMENT OF ECONOMIC
AND COMMUNITY DEVELOPMENT
(650) 829-6620
FAX (650) 829-6657
E-MAIL WEB-ECD@SSF.NET

CITY COUNCIL 2023

FLOR NICOLAS, MAYOR (DIST. 3)
MARK NAGALES, VICE MAYOR (DIST. 2)
MARK ADDIEGO, MEMBER (DIST. 1)
JAMES COLEMAN, MEMBER (DIST. 4)
EDDIE FLORES, MEMBER (DIST. 5)

SHARON RANALS, CITY MANAGER

Amah Mutsun Tribal Band of Mission San Juan Bautista
Irene Zwierlein, Chairperson
3030 Soda Bay Road
Lakeport, CA, 95453

September 27, 2023

Subject: Formal Notification of Consultation Opportunity Pursuant to Public Resources Code §21080.3.1 (Assembly Bill 52) and Government Code §65352.3 (Senate Bill 18) for the Infinite 131 Project and the Amendment to the South San Francisco General Plan, South San Francisco, San Mateo County, California

Dear Chairperson Zwierlein:

The City of South San Francisco (City) has received a project application for the Infinite 131 Project (project) and is conducting an environmental analysis pursuant to the California Environmental Quality Act (CEQA). The purpose of this letter is to provide you with: 1) a description of the project site and the proposed project; and 2) a summary of a records search of the Northwest Information Center (NWIC) of the California Historical Resources Information System (CHRIS) and Sacred Lands File (SLF) at the Native American Heritage Commission (NAHC). This letter serves as formal notification pursuant to Public Resources Code §21080.3.1 (AB 52) and Government Code §65352.3 (SB 18).

Project Description

The approximately 17.67-acre project site comprises one parcel at 131 Terminal Court in the city of South San Francisco (see Figure 1 attached). The project site is identified as assessor's parcel number (APN) 015-113-210. Surrounding land uses include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot is north of the project site, a large surface parking lot and U.S. 101 (known as Bayshore Freeway) are adjacent to the eastern portion of the project site, a navigable slough that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. The project site is approximately 1 mile west of San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. The project site includes a portion of the shoreline band jurisdiction of the San Francisco Conservation and Development Commission, adjacent to the navigable slough. In addition, the project site is approximately 1 mile northwest of San Francisco International Airport (SFO). The topography of the project site is relatively flat, approximately 6 feet above mean sea level.

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking. The project site consists of two warehouse buildings, a smaller administrative building, and open-air structures, including loading docks and trash compactors, associated with operations

of the Golden Gate Produce Terminal. The project site outside the existing building footprints is covered with asphalt and concrete paving, with minimal surrounding landscaping and no trees.

The project proposes demolition of all existing on-site uses (i.e., warehouse buildings, administrative building, open-air structures) and the construction of Research and Design (R&D) uses and an on-site amenity space. Overall, the proposed project would construct approximately 1.6 million square feet (sf) of new uses across six buildings (I131S A, I131S B, I131S C, I131S D, I131N A, and I131N B). In addition, the proposed project would include two parking garages, associated with the I131N buildings and I131S buildings. The I131N parking garage would be approximately 551,631 sf in area and approximately 100 feet tall. It would include three below-grade levels of parking as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 sf in area and include two levels of below-grade parking. The proposed project would provide a total of 3,011 parking spaces, including 114 surface parking spaces. A total of 377 bicycle parking spaces would also be provided throughout the site, including 358 long-term bicycle parking spaces and 19 short-term bicycle parking spaces. The buildings would be linked together though a cohesive network of landscaping and open space. Two central landscaped courtyards would be located along the interior of the project site and framed by the shape of the I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections as well as outdoor amenities.

The proposed project would be constructed in eight phases, including demolition of the warehouse buildings, administrative building, and open air structures. After receipt of the building permit, construction of the proposed project is anticipated to take approximately 5 years, with construction on the southern portion of the project site beginning in March 2026 and ending in October 2028 and construction on the northern portion of the project site beginning in November 2028 and ending in May 2031. The phases of construction would consist of (1) rough grading and site demolition, (2) deep foundation installation, (3) foundation installation, (4) superstructure construction, (5) building enclosure construction, (6) interior buildout, (7) sitework, and (8) final building inspections.

Demolition, grading, and excavation would generate approximately 40,214 cubic yards (cy) of material, including removed fencing, building materials, concrete, soil, and asphalt. In addition, during demolition and grading, approximately 22,299 cy of soil would be imported for site preparation. Utility work associated with the proposed project would require excavation to a depth of approximately 3 to 7 feet below the existing ground surface. The maximum depth of excavation would be 5 feet below sea level for the sanitary sewer main upgrade.

The proposed project would require a general plan, specific plan, and zoning code amendment to change the existing and use designations from Mixed Industrial High (MIH) and Mixed Industrial Medium (MIM), respectively, to Business Technology Park-High (BTP-H), and allow development of the R&D campus. In addition, five parcels north of the project site at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (referred to as the off-site redesignation parcels), which are currently designated as MIH and zoned as T6 Urban Core (T6UC), would also seek general plan and zoning code amendments to be redesignated as BTP-H. However, the proposed project would not include the construction of any new uses as part of the redesignation of these parcels.

Results of Records Searches

In August 2023, ICF (the City's cultural resources consultant) conducted a records search of the project site and a 0.25-mile radius at the NWIC on behalf of the City. The NWIC, an affiliate of the State of California

Office of Historic Preservation, is the official state repository of cultural resources records and reports for San Mateo County.

One previously recorded archaeological resource was recorded within the project site, as described below:

1. P-41-000051 (CA-SMA-47) – This site was originally recorded by N. Nelson in 1909 as a shell mound located in South San Francisco. No additional information is included in the record on file with the NWIC.

Four previously recorded archaeological resources were recorded within a 0.25-mile radius of the project site, as described below:

1. P-41-000045 (CA-SMA-41) – Originally recorded by N. Nelson as a shell mound, the first site record was completed in 1909. Nelson recorded the site in South San Francisco, near US 101 and San Mateo Avenue, between Airport Boulevard and South Airport Boulevard. However, no evidence of the site was identified at this location during archaeological surveys conducted by Basin Research Associates. Nor was evidence of the site identified during Geoprobing conducted in 2016 by AECOM. Based on these negative results, AECOM concluded that the resource was either mapped incorrectly or no longer present.
2. P-41-000047 (CA-SMA-43) – Originally recorded by N. Nelson as a shell mound, the first site record was completed in 1909. Nelson recorded the site in South San Francisco, near US 101 and the San Bruno Canal, between Shaw Road and South Airport Boulevard. However, no evidence of the site was identified at this location during archaeological surveys conducted by Woodward-Clyde Consultants in 1995 and Basin Research Associates in 1988. Nor was evidence of the site identified during Geoprobing conducted in 2016 by AECOM. Based on these negative results, AECOM concluded that the resource was either mapped incorrectly or no longer present.
3. P-41-000049 (CA-SMA-45) – This site was originally recorded by N. Nelson in 1909 as a shell mound located in South San Francisco. No additional information is included in the record on file with the NWIC.
4. P-41-002147 (CA-SMA-353H) – This site was originally recorded by Mooney & Associates in 2000 as a historic refuse scatter eroding out of a railroad embankment. Based on ceramics identified in the field, it was estimated that the scatter was deposited between 1890-1918. Subsequent archaeological site visits in 2005 and 2009 indicated that the area had been heavily disturbed, although some sparse historic artifacts were observed.

In June 2023, ICF requested a search of the NAHC SLF on behalf of the City. In July 2023, ICF received a response from the NAHC stating “the results of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.”

The Native American Heritage Commission provided your name as a representative of a California Native American Tribe who may have knowledge of cultural resources within or near the project area. The City would like to provide you with an opportunity to communicate concerns you might have regarding places within the project area that may be important to your community. The City requests your participation in the identification and protection of cultural resources, sacred lands or other heritage sites within the above

described project area with the understanding that you or other members of the community might possess specialized knowledge of the area.

Lead Agency Point of Contact
Attn: Billy Gross, Principal Planner
City of South San Francisco
Department of Economic and Community Development
315 Maple Street
South San Francisco, CA 94080
Email: billy.gross@ssf.net

Pursuant to PRC §21080.3.1 (AB 52), tribal representatives have 30 days from the receipt of this letter to request consultation, in writing, with the City of South San Francisco (i.e., until October 27, 2023). Pursuant to Government Code §65352.3 (SB 18), tribal representatives have 90 days from receipt of this letter in which to request consultation under SB 18. Therefore, the City respectfully requests that you submit any requests to consult under PRC §21080.3.1 **or** Government Code §65352.3 by **December 29, 2023**.

Very Respectfully,

Billy Gross, Principal Planner
City of South San Francisco
Attachment: Project Location Map

CC: File

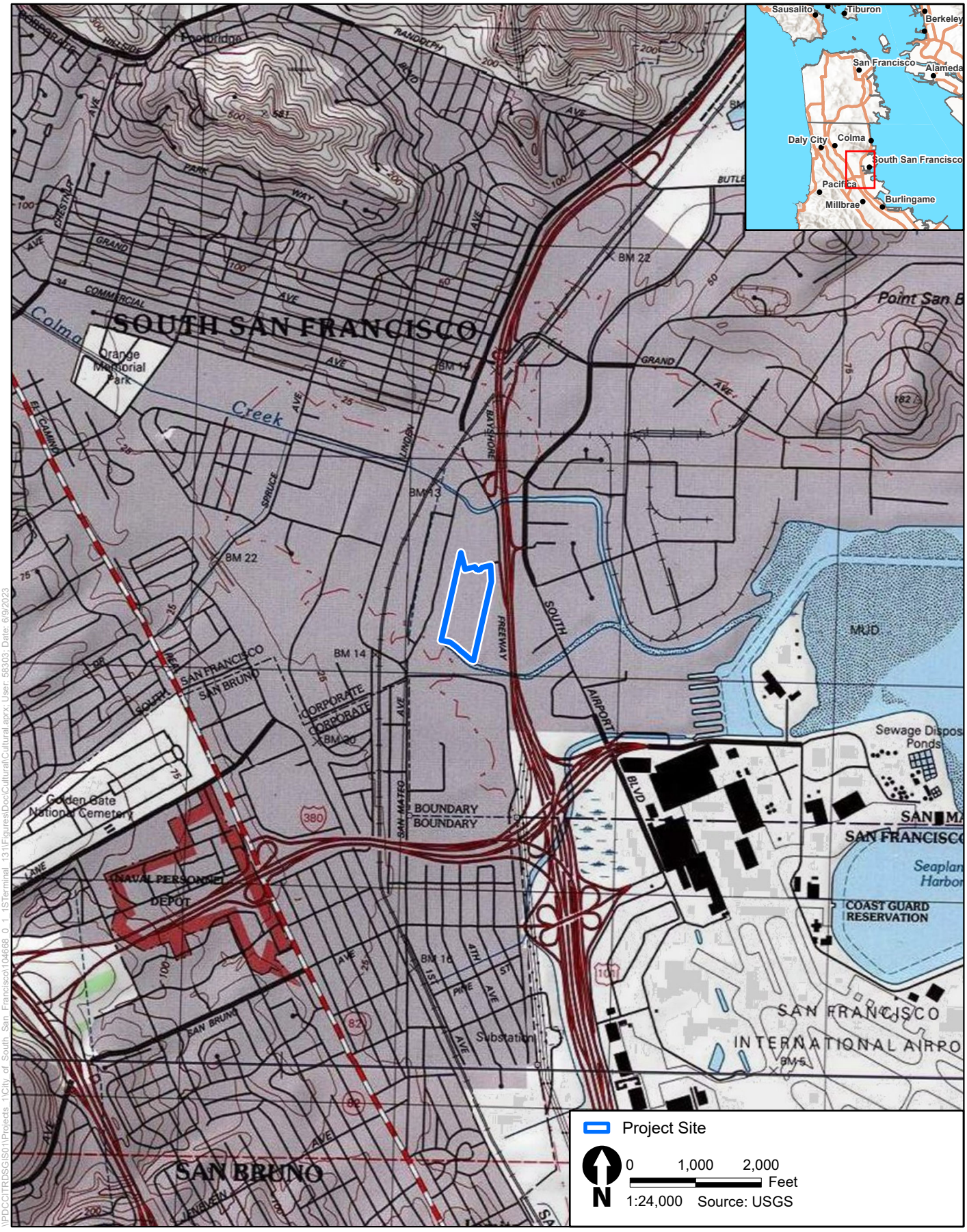

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Figure 1
Project Location

DEPARTMENT OF ECONOMIC
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CITY COUNCIL 2023

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EDDIE FLORES, MEMBER (DIST. 5)

SHARON RANALS, CITY MANAGER

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayers, Chairperson
P.O. Box 28
Hollister, CA, 95024

September 27, 2023

Subject: Formal Notification of Consultation Opportunity Pursuant to Public Resources Code §21080.3.1 (Assembly Bill 52) and Government Code §65352.3 (Senate Bill 18) for the Infinite 131 Project and the Amendment to the South San Francisco General Plan, South San Francisco, San Mateo County, California

Dear Chairperson Sayers:

The City of South San Francisco (City) has received a project application for the Infinite 131 Project (project) and is conducting an environmental analysis pursuant to the California Environmental Quality Act (CEQA). The purpose of this letter is to provide you with: 1) a description of the project site and the proposed project; and 2) a summary of a records search of the Northwest Information Center (NWIC) of the California Historical Resources Information System (CHRIS) and Sacred Lands File (SLF) at the Native American Heritage Commission (NAHC). This letter serves as formal notification pursuant to Public Resources Code §21080.3.1 (AB 52) and Government Code §65352.3 (SB 18).

Project Description

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The project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking. The project site consists of two warehouse buildings, a smaller administrative building, and open-air structures, including loading docks and trash compactors, associated with operations

of the Golden Gate Produce Terminal. The project site outside the existing building footprints is covered with asphalt and concrete paving, with minimal surrounding landscaping and no trees.

The project proposes demolition of all existing on-site uses (i.e., warehouse buildings, administrative building, open-air structures) and the construction of Research and Design (R&D) uses and an on-site amenity space. Overall, the proposed project would construct approximately 1.6 million square feet (sf) of new uses across six buildings (I131S A, I131S B, I131S C, I131S D, I131N A, and I131N B). In addition, the proposed project would include two parking garages, associated with the I131N buildings and I131S buildings. The I131N parking garage would be approximately 551,631 sf in area and approximately 100 feet tall. It would include three below-grade levels of parking as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 sf in area and include two levels of below-grade parking. The proposed project would provide a total of 3,011 parking spaces, including 114 surface parking spaces. A total of 377 bicycle parking spaces would also be provided throughout the site, including 358 long-term bicycle parking spaces and 19 short-term bicycle parking spaces. The buildings would be linked together though a cohesive network of landscaping and open space. Two central landscaped courtyards would be located along the interior of the project site and framed by the shape of the I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections as well as outdoor amenities.

The proposed project would be constructed in eight phases, including demolition of the warehouse buildings, administrative building, and open air structures. After receipt of the building permit, construction of the proposed project is anticipated to take approximately 5 years, with construction on the southern portion of the project site beginning in March 2026 and ending in October 2028 and construction on the northern portion of the project site beginning in November 2028 and ending in May 2031. The phases of construction would consist of (1) rough grading and site demolition, (2) deep foundation installation, (3) foundation installation, (4) superstructure construction, (5) building enclosure construction, (6) interior buildout, (7) sitework, and (8) final building inspections.

Demolition, grading, and excavation would generate approximately 40,214 cubic yards (cy) of material, including removed fencing, building materials, concrete, soil, and asphalt. In addition, during demolition and grading, approximately 22,299 cy of soil would be imported for site preparation. Utility work associated with the proposed project would require excavation to a depth of approximately 3 to 7 feet below the existing ground surface. The maximum depth of excavation would be 5 feet below sea level for the sanitary sewer main upgrade.

The proposed project would require a general plan, specific plan, and zoning code amendment to change the existing and use designations from Mixed Industrial High (MIH) and Mixed Industrial Medium (MIM), respectively, to Business Technology Park-High (BTP-H), and allow development of the R&D campus. In addition, five parcels north of the project site at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (referred to as the off-site redesignation parcels), which are currently designated as MIH and zoned as T6 Urban Core (T6UC), would also seek general plan and zoning code amendments to be redesignated as BTP-H. However, the proposed project would not include the construction of any new uses as part of the redesignation of these parcels.

Results of Records Searches

In August 2023, ICF (the City's cultural resources consultant) conducted a records search of the project site and a 0.25-mile radius at the NWIC on behalf of the City. The NWIC, an affiliate of the State of California

Office of Historic Preservation, is the official state repository of cultural resources records and reports for San Mateo County.

One previously recorded archaeological resource was recorded within the project site, as described below:

1. P-41-000051 (CA-SMA-47) – This site was originally recorded by N. Nelson in 1909 as a shell mound located in South San Francisco. No additional information is included in the record on file with the NWIC.

Four previously recorded archaeological resources were recorded within a 0.25-mile radius of the project site, as described below:

1. P-41-000045 (CA-SMA-41) – Originally recorded by N. Nelson as a shell mound, the first site record was completed in 1909. Nelson recorded the site in South San Francisco, near US 101 and San Mateo Avenue, between Airport Boulevard and South Airport Boulevard. However, no evidence of the site was identified at this location during archaeological surveys conducted by Basin Research Associates. Nor was evidence of the site identified during Geoprobing conducted in 2016 by AECOM. Based on these negative results, AECOM concluded that the resource was either mapped incorrectly or no longer present.
2. P-41-000047 (CA-SMA-43) – Originally recorded by N. Nelson as a shell mound, the first site record was completed in 1909. Nelson recorded the site in South San Francisco, near US 101 and the San Bruno Canal, between Shaw Road and South Airport Boulevard. However, no evidence of the site was identified at this location during archaeological surveys conducted by Woodward-Clyde Consultants in 1995 and Basin Research Associates in 1988. Nor was evidence of the site identified during Geoprobing conducted in 2016 by AECOM. Based on these negative results, AECOM concluded that the resource was either mapped incorrectly or no longer present.
3. P-41-000049 (CA-SMA-45) – This site was originally recorded by N. Nelson in 1909 as a shell mound located in South San Francisco. No additional information is included in the record on file with the NWIC.
4. P-41-002147 (CA-SMA-353H) – This site was originally recorded by Mooney & Associates in 2000 as a historic refuse scatter eroding out of a railroad embankment. Based on ceramics identified in the field, it was estimated that the scatter was deposited between 1890-1918. Subsequent archaeological site visits in 2005 and 2009 indicated that the area had been heavily disturbed, although some sparse historic artifacts were observed.

In June 2023, ICF requested a search of the NAHC SLF on behalf of the City. In July 2023, ICF received a response from the NAHC stating “the results of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.”

The Native American Heritage Commission provided your name as a representative of a California Native American Tribe who may have knowledge of cultural resources within or near the project area. The City would like to provide you with an opportunity to communicate concerns you might have regarding places within the project area that may be important to your community. The City requests your participation in the identification and protection of cultural resources, sacred lands or other heritage sites within the above

described project area with the understanding that you or other members of the community might possess specialized knowledge of the area.

Lead Agency Point of Contact
Attn: Billy Gross, Principal Planner
City of South San Francisco
Department of Economic and Community Development
315 Maple Street
South San Francisco, CA 94080
Email: billy.gross@ssf.net

Pursuant to PRC §21080.3.1 (AB 52), tribal representatives have 30 days from the receipt of this letter to request consultation, in writing, with the City of South San Francisco (i.e., until October 27, 2023). Pursuant to Government Code §65352.3 (SB 18), tribal representatives have 90 days from receipt of this letter in which to request consultation under SB 18. Therefore, the City respectfully requests that you submit any requests to consult under PRC §21080.3.1 **or** Government Code §65352.3 by **December 29, 2023**.

Very Respectfully,

Billy Gross, Principal Planner
City of South San Francisco
Attachment: Project Location Map

CC: File

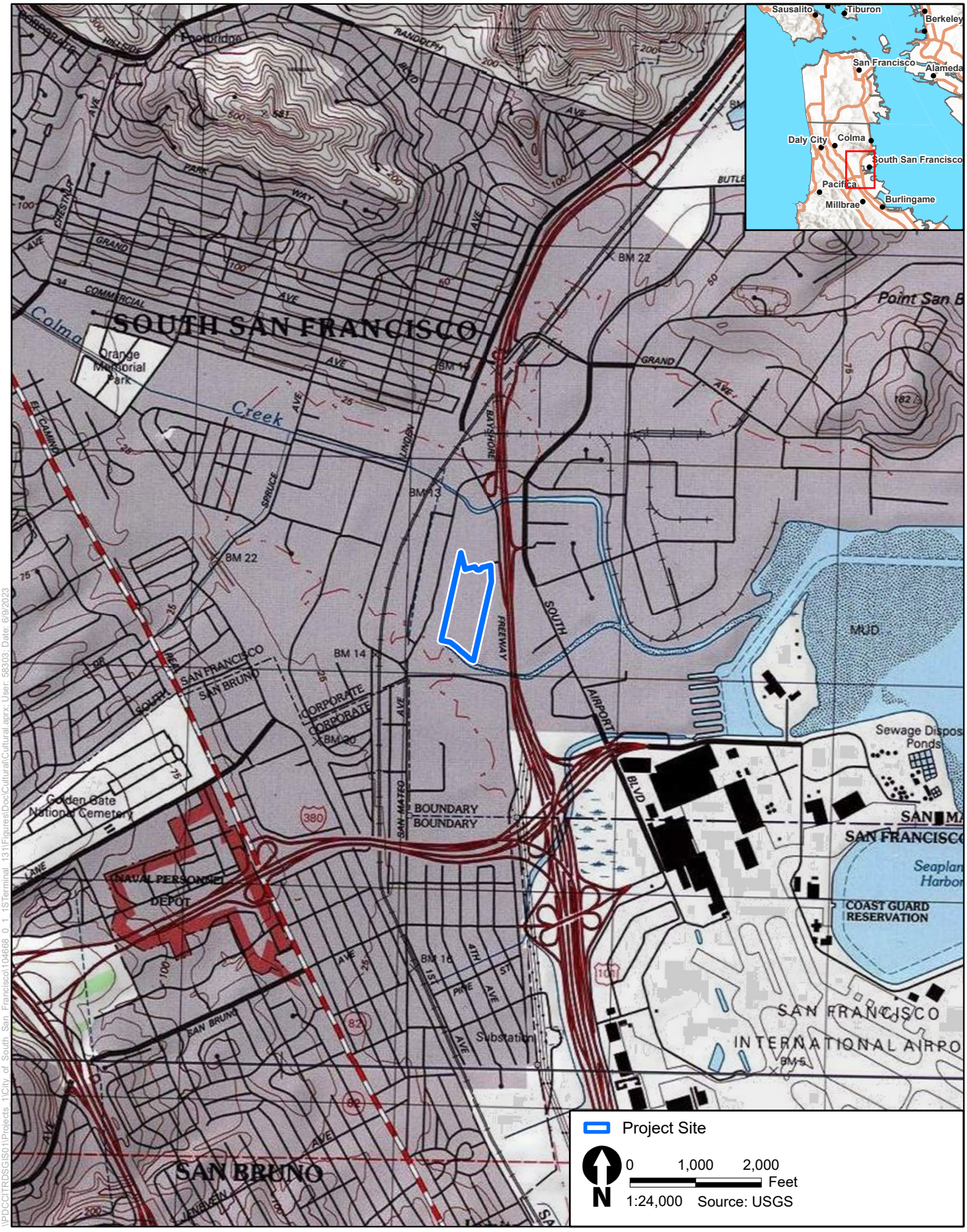

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Figure 1
Project Location

DEPARTMENT OF ECONOMIC
AND COMMUNITY DEVELOPMENT
(650) 829-6620
FAX (650) 829-6657
E-MAIL WEB-ECD@SSF.NET

CITY COUNCIL 2023

FLOR NICOLAS, MAYOR (DIST. 3)
MARK NAGALES, VICE MAYOR (DIST. 2)
MARK ADDIEGO, MEMBER (DIST. 1)
JAMES COLEMAN, MEMBER (DIST. 4)
EDDIE FLORES, MEMBER (DIST. 5)

SHARON RANALS, CITY MANAGER

Indian Canyon Mutsun Band of Costanoan
Kanyon Sayers-Roods
1615 Pearson Court
San Jose, CA, 95122

September 27, 2023

Subject: Formal Notification of Consultation Opportunity Pursuant to Public Resources Code §21080.3.1 (Assembly Bill 52) and Government Code §65352.3 (Senate Bill 18) for the Infinite 131 Project and the Amendment to the South San Francisco General Plan, South San Francisco, San Mateo County, California

Dear Kanyon Sayers-Roods:

The City of South San Francisco (City) has received a project application for the Infinite 131 Project (project) and is conducting an environmental analysis pursuant to the California Environmental Quality Act (CEQA). The purpose of this letter is to provide you with: 1) a description of the project site and the proposed project; and 2) a summary of a records search of the Northwest Information Center (NWIC) of the California Historical Resources Information System (CHRIS) and Sacred Lands File (SLF) at the Native American Heritage Commission (NAHC). This letter serves as formal notification pursuant to Public Resources Code §21080.3.1 (AB 52) and Government Code §65352.3 (SB 18).

Project Description

The approximately 17.67-acre project site comprises one parcel at 131 Terminal Court in the city of South San Francisco (see Figure 1 attached). The project site is identified as assessor's parcel number (APN) 015-113-210. Surrounding land uses include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot is north of the project site, a large surface parking lot and U.S. 101 (known as Bayshore Freeway) are adjacent to the eastern portion of the project site, a navigable slough that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. The project site is approximately 1 mile west of San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. The project site includes a portion of the shoreline band jurisdiction of the San Francisco Conservation and Development Commission, adjacent to the navigable slough. In addition, the project site is approximately 1 mile northwest of San Francisco International Airport (SFO). The topography of the project site is relatively flat, approximately 6 feet above mean sea level.

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking. The project site consists of two warehouse buildings, a smaller administrative building, and open-air structures, including loading docks and trash compactors, associated with operations

of the Golden Gate Produce Terminal. The project site outside the existing building footprints is covered with asphalt and concrete paving, with minimal surrounding landscaping and no trees.

The project proposes demolition of all existing on-site uses (i.e., warehouse buildings, administrative building, open-air structures) and the construction of Research and Design (R&D) uses and an on-site amenity space. Overall, the proposed project would construct approximately 1.6 million square feet (sf) of new uses across six buildings (I131S A, I131S B, I131S C, I131S D, I131N A, and I131N B). In addition, the proposed project would include two parking garages, associated with the I131N buildings and I131S buildings. The I131N parking garage would be approximately 551,631 sf in area and approximately 100 feet tall. It would include three below-grade levels of parking as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 sf in area and include two levels of below-grade parking. The proposed project would provide a total of 3,011 parking spaces, including 114 surface parking spaces. A total of 377 bicycle parking spaces would also be provided throughout the site, including 358 long-term bicycle parking spaces and 19 short-term bicycle parking spaces. The buildings would be linked together though a cohesive network of landscaping and open space. Two central landscaped courtyards would be located along the interior of the project site and framed by the shape of the I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections as well as outdoor amenities.

The proposed project would be constructed in eight phases, including demolition of the warehouse buildings, administrative building, and open air structures. After receipt of the building permit, construction of the proposed project is anticipated to take approximately 5 years, with construction on the southern portion of the project site beginning in March 2026 and ending in October 2028 and construction on the northern portion of the project site beginning in November 2028 and ending in May 2031. The phases of construction would consist of (1) rough grading and site demolition, (2) deep foundation installation, (3) foundation installation, (4) superstructure construction, (5) building enclosure construction, (6) interior buildout, (7) sitework, and (8) final building inspections.

Demolition, grading, and excavation would generate approximately 40,214 cubic yards (cy) of material, including removed fencing, building materials, concrete, soil, and asphalt. In addition, during demolition and grading, approximately 22,299 cy of soil would be imported for site preparation. Utility work associated with the proposed project would require excavation to a depth of approximately 3 to 7 feet below the existing ground surface. The maximum depth of excavation would be 5 feet below sea level for the sanitary sewer main upgrade.

The proposed project would require a general plan, specific plan, and zoning code amendment to change the existing and use designations from Mixed Industrial High (MIH) and Mixed Industrial Medium (MIM), respectively, to Business Technology Park-High (BTP-H), and allow development of the R&D campus. In addition, five parcels north of the project site at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (referred to as the off-site redesignation parcels), which are currently designated as MIH and zoned as T6 Urban Core (T6UC), would also seek general plan and zoning code amendments to be redesignated as BTP-H. However, the proposed project would not include the construction of any new uses as part of the redesignation of these parcels.

Results of Records Searches

In August 2023, ICF (the City's cultural resources consultant) conducted a records search of the project site and a 0.25-mile radius at the NWIC on behalf of the City. The NWIC, an affiliate of the State of California

Office of Historic Preservation, is the official state repository of cultural resources records and reports for San Mateo County.

One previously recorded archaeological resource was recorded within the project site, as described below:

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In June 2023, ICF requested a search of the NAHC SLF on behalf of the City. In July 2023, ICF received a response from the NAHC stating “the results of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.”

The Native American Heritage Commission provided your name as a representative of a California Native American Tribe who may have knowledge of cultural resources within or near the project area. The City would like to provide you with an opportunity to communicate concerns you might have regarding places within the project area that may be important to your community. The City requests your participation in the identification and protection of cultural resources, sacred lands or other heritage sites within the above

described project area with the understanding that you or other members of the community might possess specialized knowledge of the area.

Lead Agency Point of Contact
Attn: Billy Gross, Principal Planner
City of South San Francisco
Department of Economic and Community Development
315 Maple Street
South San Francisco, CA 94080
Email: billy.gross@ssf.net

Pursuant to PRC §21080.3.1 (AB 52), tribal representatives have 30 days from the receipt of this letter to request consultation, in writing, with the City of South San Francisco (i.e., until October 27, 2023). Pursuant to Government Code §65352.3 (SB 18), tribal representatives have 90 days from receipt of this letter in which to request consultation under SB 18. Therefore, the City respectfully requests that you submit any requests to consult under PRC §21080.3.1 **or** Government Code §65352.3 by **December 29, 2023**.

Very Respectfully,

Billy Gross, Principal Planner
City of South San Francisco
Attachment: Project Location Map

CC: File

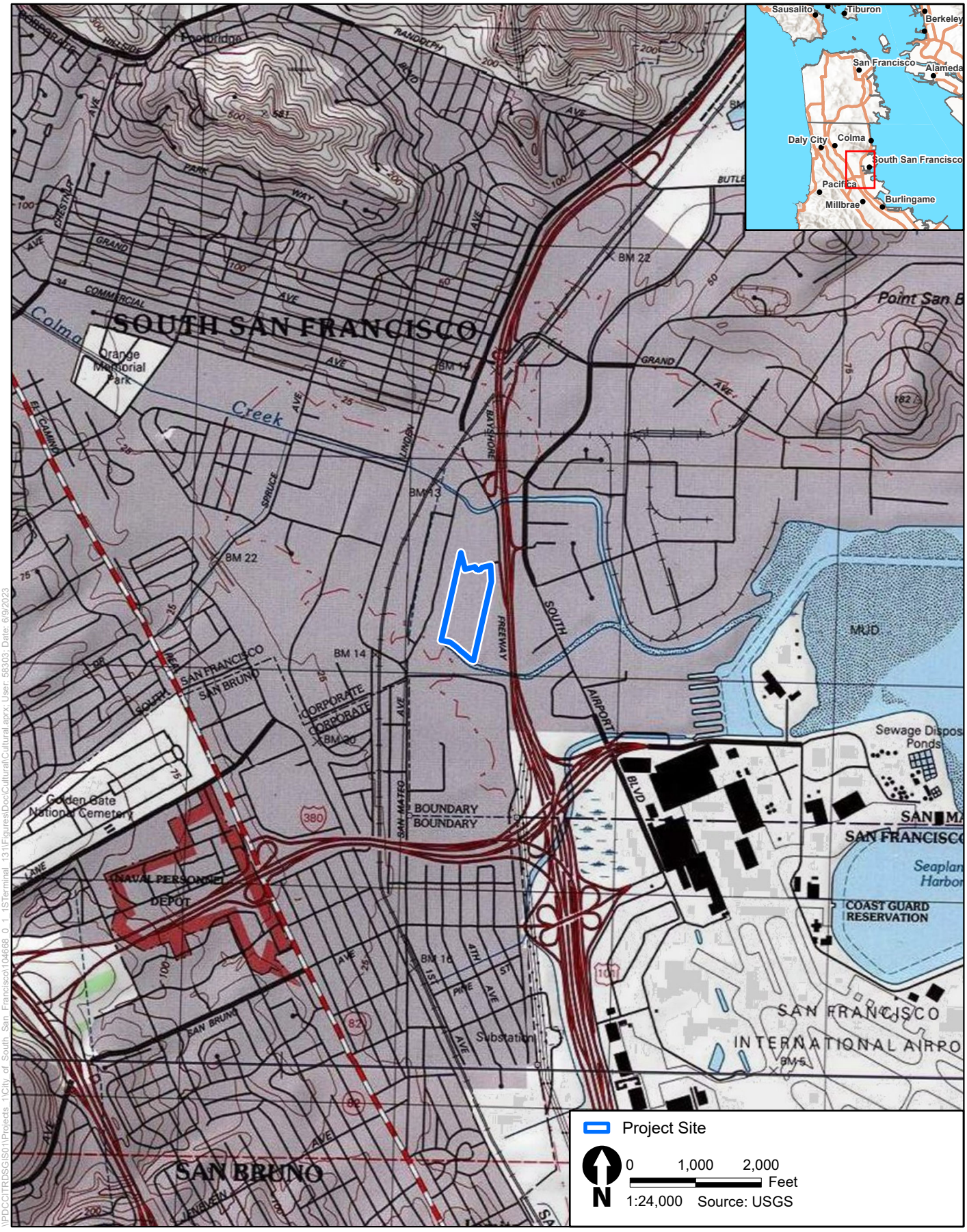

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Figure 1
Project Location

DEPARTMENT OF ECONOMIC
AND COMMUNITY DEVELOPMENT
(650) 829-6620
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MARK NAGALES, VICE MAYOR (DIST. 2)
MARK ADDIEGO, MEMBER (DIST. 1)
JAMES COLEMAN, MEMBER (DIST. 4)
EDDIE FLORES, MEMBER (DIST. 5)

SHARON RANALS, CITY MANAGER

Costanoan Rumsen Carmel Tribe
Tony Cerda, Chairperson
244 E. 1st Street
Pomona, CA, 91766

September 27, 2023

Subject: Formal Notification of Consultation Opportunity Pursuant to Public Resources Code §21080.3.1 (Assembly Bill 52) and Government Code §65352.3 (Senate Bill 18) for the Infinite 131 Project and the Amendment to the South San Francisco General Plan, South San Francisco, San Mateo County, California

Dear Chairperson Cerda:

The City of South San Francisco (City) has received a project application for the Infinite 131 Project (project) and is conducting an environmental analysis pursuant to the California Environmental Quality Act (CEQA). The purpose of this letter is to provide you with: 1) a description of the project site and the proposed project; and 2) a summary of a records search of the Northwest Information Center (NWIC) of the California Historical Resources Information System (CHRIS) and Sacred Lands File (SLF) at the Native American Heritage Commission (NAHC). This letter serves as formal notification pursuant to Public Resources Code §21080.3.1 (AB 52) and Government Code §65352.3 (SB 18).

Project Description

The approximately 17.67-acre project site comprises one parcel at 131 Terminal Court in the city of South San Francisco (see Figure 1 attached). The project site is identified as assessor's parcel number (APN) 015-113-210. Surrounding land uses include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot is north of the project site, a large surface parking lot and U.S. 101 (known as Bayshore Freeway) are adjacent to the eastern portion of the project site, a navigable slough that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. The project site is approximately 1 mile west of San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. The project site includes a portion of the shoreline band jurisdiction of the San Francisco Conservation and Development Commission, adjacent to the navigable slough. In addition, the project site is approximately 1 mile northwest of San Francisco International Airport (SFO). The topography of the project site is relatively flat, approximately 6 feet above mean sea level.

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking. The project site consists of two warehouse buildings, a smaller administrative building, and open-air structures, including loading docks and trash compactors, associated with operations

of the Golden Gate Produce Terminal. The project site outside the existing building footprints is covered with asphalt and concrete paving, with minimal surrounding landscaping and no trees.

The project proposes demolition of all existing on-site uses (i.e., warehouse buildings, administrative building, open-air structures) and the construction of Research and Design (R&D) uses and an on-site amenity space. Overall, the proposed project would construct approximately 1.6 million square feet (sf) of new uses across six buildings (I131S A, I131S B, I131S C, I131S D, I131N A, and I131N B). In addition, the proposed project would include two parking garages, associated with the I131N buildings and I131S buildings. The I131N parking garage would be approximately 551,631 sf in area and approximately 100 feet tall. It would include three below-grade levels of parking as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 sf in area and include two levels of below-grade parking. The proposed project would provide a total of 3,011 parking spaces, including 114 surface parking spaces. A total of 377 bicycle parking spaces would also be provided throughout the site, including 358 long-term bicycle parking spaces and 19 short-term bicycle parking spaces. The buildings would be linked together though a cohesive network of landscaping and open space. Two central landscaped courtyards would be located along the interior of the project site and framed by the shape of the I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections as well as outdoor amenities.

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Lead Agency Point of Contact
Attn: Billy Gross, Principal Planner
City of South San Francisco
Department of Economic and Community Development
315 Maple Street
South San Francisco, CA 94080
Email: billy.gross@ssf.net

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Very Respectfully,

Billy Gross, Principal Planner
City of South San Francisco
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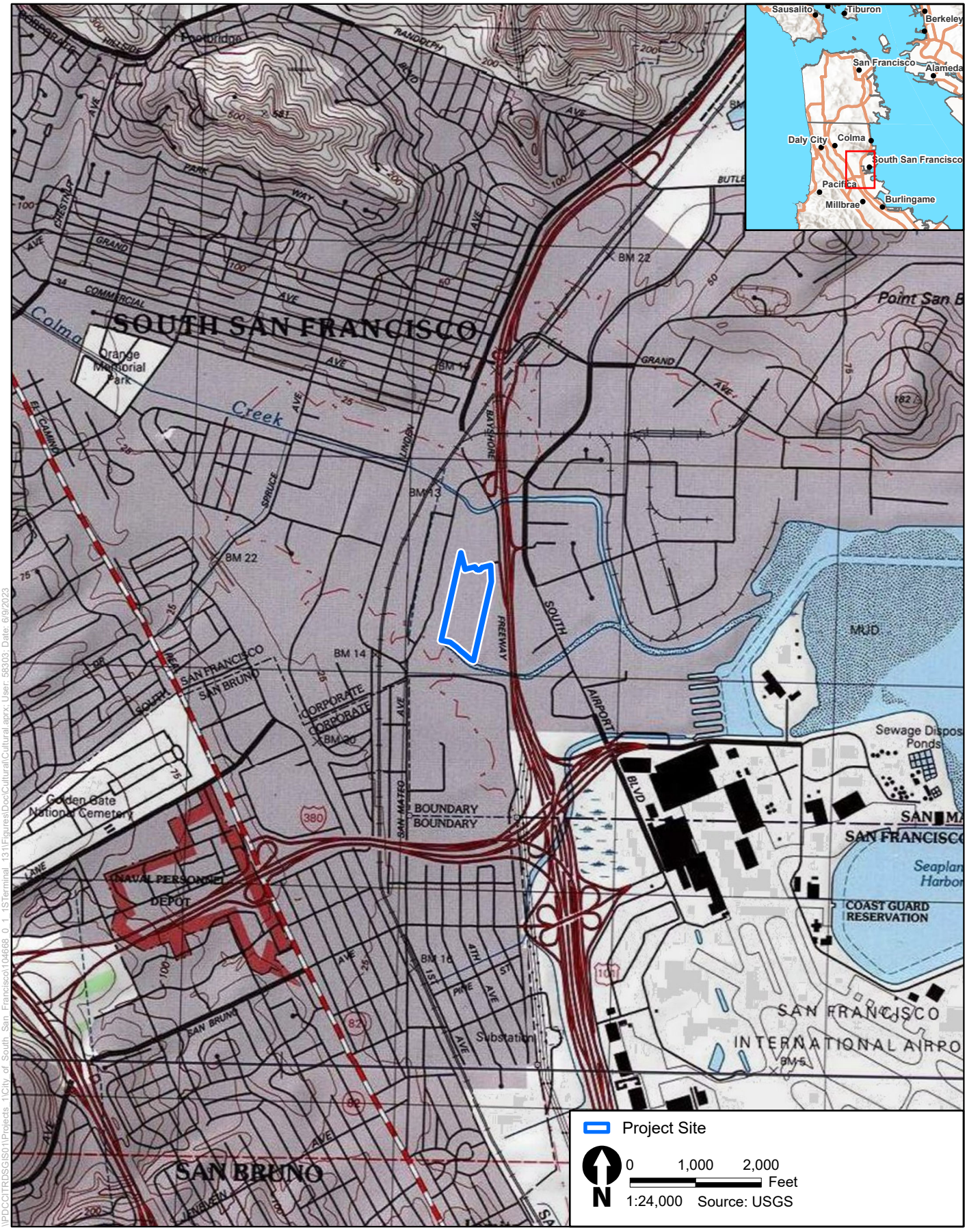

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Figure 1
Project Location

DEPARTMENT OF ECONOMIC
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EDDIE FLORES, MEMBER (DIST. 5)

SHARON RANALS, CITY MANAGER

Muwekma Ohlone Indian Tribe of the SF Bay Area
Monica Arellano, Vice Chairwoman
20885 Redwood Road, Suite 232
Castro Valley, CA, 94546

September 27, 2023

Subject: Formal Notification of Consultation Opportunity Pursuant to Public Resources Code §21080.3.1 (Assembly Bill 52) and Government Code §65352.3 (Senate Bill 18) for the Infinite 131 Project and the Amendment to the South San Francisco General Plan, South San Francisco, San Mateo County, California

Dear Vice Chairwoman Arellano:

The City of South San Francisco (City) has received a project application for the Infinite 131 Project (project) and is conducting an environmental analysis pursuant to the California Environmental Quality Act (CEQA). The purpose of this letter is to provide you with: 1) a description of the project site and the proposed project; and 2) a summary of a records search of the Northwest Information Center (NWIC) of the California Historical Resources Information System (CHRIS) and Sacred Lands File (SLF) at the Native American Heritage Commission (NAHC). This letter serves as formal notification pursuant to Public Resources Code §21080.3.1 (AB 52) and Government Code §65352.3 (SB 18).

Project Description

The approximately 17.67-acre project site comprises one parcel at 131 Terminal Court in the city of South San Francisco (see Figure 1 attached). The project site is identified as assessor's parcel number (APN) 015-113-210. Surrounding land uses include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot is north of the project site, a large surface parking lot and U.S. 101 (known as Bayshore Freeway) are adjacent to the eastern portion of the project site, a navigable slough that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. The project site is approximately 1 mile west of San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. The project site includes a portion of the shoreline band jurisdiction of the San Francisco Conservation and Development Commission, adjacent to the navigable slough. In addition, the project site is approximately 1 mile northwest of San Francisco International Airport (SFO). The topography of the project site is relatively flat, approximately 6 feet above mean sea level.

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking. The project site consists of two warehouse buildings, a smaller administrative building, and open-air structures, including loading docks and trash compactors, associated with operations

of the Golden Gate Produce Terminal. The project site outside the existing building footprints is covered with asphalt and concrete paving, with minimal surrounding landscaping and no trees.

The project proposes demolition of all existing on-site uses (i.e., warehouse buildings, administrative building, open-air structures) and the construction of Research and Design (R&D) uses and an on-site amenity space. Overall, the proposed project would construct approximately 1.6 million square feet (sf) of new uses across six buildings (I131S A, I131S B, I131S C, I131S D, I131N A, and I131N B). In addition, the proposed project would include two parking garages, associated with the I131N buildings and I131S buildings. The I131N parking garage would be approximately 551,631 sf in area and approximately 100 feet tall. It would include three below-grade levels of parking as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 sf in area and include two levels of below-grade parking. The proposed project would provide a total of 3,011 parking spaces, including 114 surface parking spaces. A total of 377 bicycle parking spaces would also be provided throughout the site, including 358 long-term bicycle parking spaces and 19 short-term bicycle parking spaces. The buildings would be linked together though a cohesive network of landscaping and open space. Two central landscaped courtyards would be located along the interior of the project site and framed by the shape of the I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections as well as outdoor amenities.

The proposed project would be constructed in eight phases, including demolition of the warehouse buildings, administrative building, and open air structures. After receipt of the building permit, construction of the proposed project is anticipated to take approximately 5 years, with construction on the southern portion of the project site beginning in March 2026 and ending in October 2028 and construction on the northern portion of the project site beginning in November 2028 and ending in May 2031. The phases of construction would consist of (1) rough grading and site demolition, (2) deep foundation installation, (3) foundation installation, (4) superstructure construction, (5) building enclosure construction, (6) interior buildout, (7) sitework, and (8) final building inspections.

Demolition, grading, and excavation would generate approximately 40,214 cubic yards (cy) of material, including removed fencing, building materials, concrete, soil, and asphalt. In addition, during demolition and grading, approximately 22,299 cy of soil would be imported for site preparation. Utility work associated with the proposed project would require excavation to a depth of approximately 3 to 7 feet below the existing ground surface. The maximum depth of excavation would be 5 feet below sea level for the sanitary sewer main upgrade.

The proposed project would require a general plan, specific plan, and zoning code amendment to change the existing and use designations from Mixed Industrial High (MIH) and Mixed Industrial Medium (MIM), respectively, to Business Technology Park-High (BTP-H), and allow development of the R&D campus. In addition, five parcels north of the project site at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (referred to as the off-site redesignation parcels), which are currently designated as MIH and zoned as T6 Urban Core (T6UC), would also seek general plan and zoning code amendments to be redesignated as BTP-H. However, the proposed project would not include the construction of any new uses as part of the redesignation of these parcels.

Results of Records Searches

In August 2023, ICF (the City's cultural resources consultant) conducted a records search of the project site and a 0.25-mile radius at the NWIC on behalf of the City. The NWIC, an affiliate of the State of California

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The Native American Heritage Commission provided your name as a representative of a California Native American Tribe who may have knowledge of cultural resources within or near the project area. The City would like to provide you with an opportunity to communicate concerns you might have regarding places within the project area that may be important to your community. The City requests your participation in the identification and protection of cultural resources, sacred lands or other heritage sites within the above

described project area with the understanding that you or other members of the community might possess specialized knowledge of the area.

Lead Agency Point of Contact
Attn: Billy Gross, Principal Planner
City of South San Francisco
Department of Economic and Community Development
315 Maple Street
South San Francisco, CA 94080
Email: billy.gross@ssf.net

Pursuant to PRC §21080.3.1 (AB 52), tribal representatives have 30 days from the receipt of this letter to request consultation, in writing, with the City of South San Francisco (i.e., until October 27, 2023). Pursuant to Government Code §65352.3 (SB 18), tribal representatives have 90 days from receipt of this letter in which to request consultation under SB 18. Therefore, the City respectfully requests that you submit any requests to consult under PRC §21080.3.1 **or** Government Code §65352.3 by **December 29, 2023**.

Very Respectfully,

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Attachment: Project Location Map

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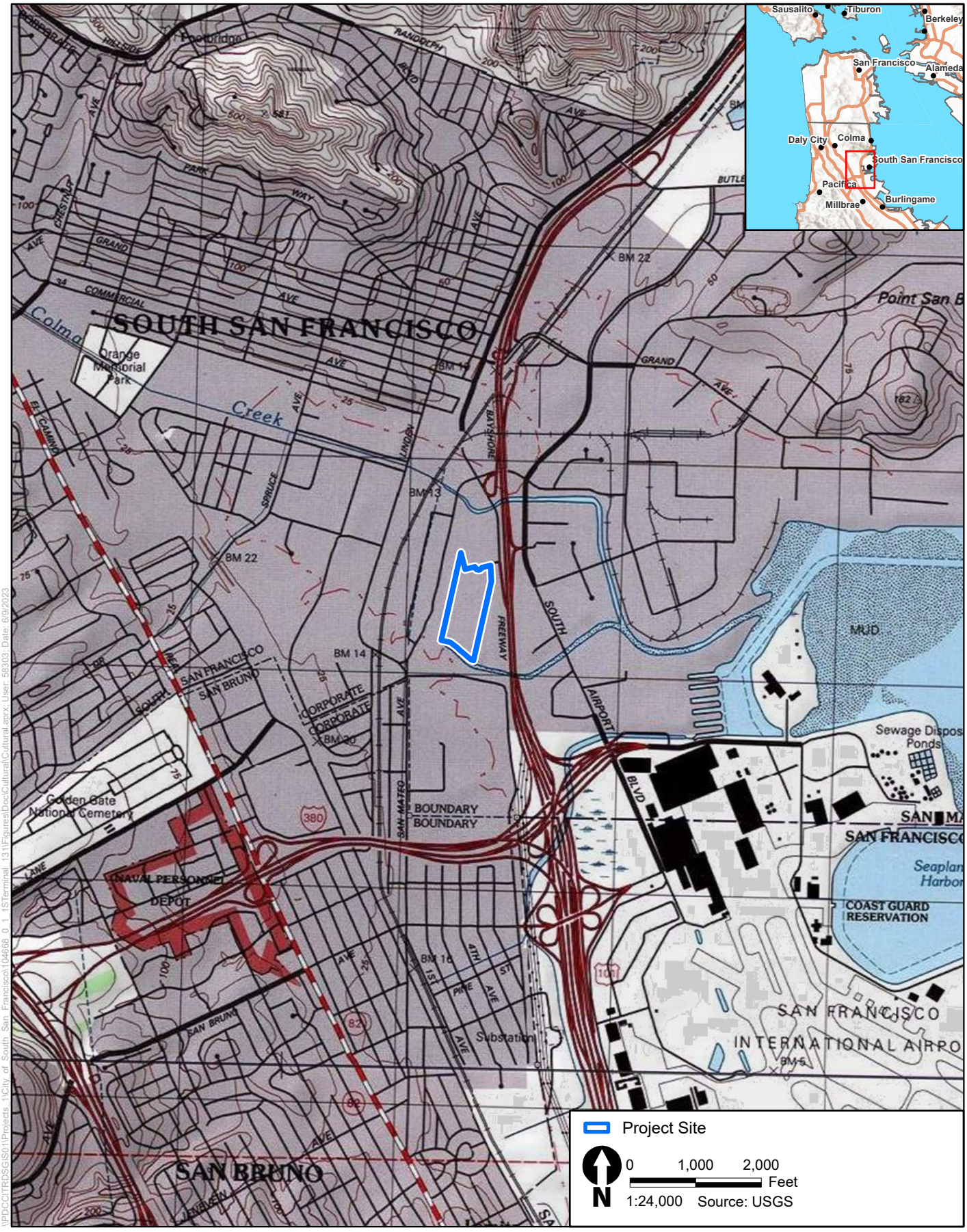

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Figure 1
Project Location

DEPARTMENT OF ECONOMIC
AND COMMUNITY DEVELOPMENT
(650) 829-6620
FAX (650) 829-6657
E-MAIL WEB-ECD@SSF.NET

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SHARON RANALS, CITY MANAGER

Muwekma Ohlone Indian Tribe of the SF Bay Area
Charlene Nijmeh, Chairperson
20885 Redwood Road, Suite 232
Castro Valley, CA, 94546

September 27, 2023

Subject: Formal Notification of Consultation Opportunity Pursuant to Public Resources Code §21080.3.1 (Assembly Bill 52) and Government Code §65352.3 (Senate Bill 18) for the Infinite 131 Project and the Amendment to the South San Francisco General Plan, South San Francisco, San Mateo County, California

Dear Chairperson Nijmeh:

The City of South San Francisco (City) has received a project application for the Infinite 131 Project (project) and is conducting an environmental analysis pursuant to the California Environmental Quality Act (CEQA). The purpose of this letter is to provide you with: 1) a description of the project site and the proposed project; and 2) a summary of a records search of the Northwest Information Center (NWIC) of the California Historical Resources Information System (CHRIS) and Sacred Lands File (SLF) at the Native American Heritage Commission (NAHC). This letter serves as formal notification pursuant to Public Resources Code §21080.3.1 (AB 52) and Government Code §65352.3 (SB 18).

Project Description

The approximately 17.67-acre project site comprises one parcel at 131 Terminal Court in the city of South San Francisco (see Figure 1 attached). The project site is identified as assessor's parcel number (APN) 015-113-210. Surrounding land uses include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot is north of the project site, a large surface parking lot and U.S. 101 (known as Bayshore Freeway) are adjacent to the eastern portion of the project site, a navigable slough that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. The project site is approximately 1 mile west of San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. The project site includes a portion of the shoreline band jurisdiction of the San Francisco Conservation and Development Commission, adjacent to the navigable slough. In addition, the project site is approximately 1 mile northwest of San Francisco International Airport (SFO). The topography of the project site is relatively flat, approximately 6 feet above mean sea level.

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking. The project site consists of two warehouse buildings, a smaller administrative building, and open-air structures, including loading docks and trash compactors, associated with operations

of the Golden Gate Produce Terminal. The project site outside the existing building footprints is covered with asphalt and concrete paving, with minimal surrounding landscaping and no trees.

The project proposes demolition of all existing on-site uses (i.e., warehouse buildings, administrative building, open-air structures) and the construction of Research and Design (R&D) uses and an on-site amenity space. Overall, the proposed project would construct approximately 1.6 million square feet (sf) of new uses across six buildings (I131S A, I131S B, I131S C, I131S D, I131N A, and I131N B). In addition, the proposed project would include two parking garages, associated with the I131N buildings and I131S buildings. The I131N parking garage would be approximately 551,631 sf in area and approximately 100 feet tall. It would include three below-grade levels of parking as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 sf in area and include two levels of below-grade parking. The proposed project would provide a total of 3,011 parking spaces, including 114 surface parking spaces. A total of 377 bicycle parking spaces would also be provided throughout the site, including 358 long-term bicycle parking spaces and 19 short-term bicycle parking spaces. The buildings would be linked together though a cohesive network of landscaping and open space. Two central landscaped courtyards would be located along the interior of the project site and framed by the shape of the I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections as well as outdoor amenities.

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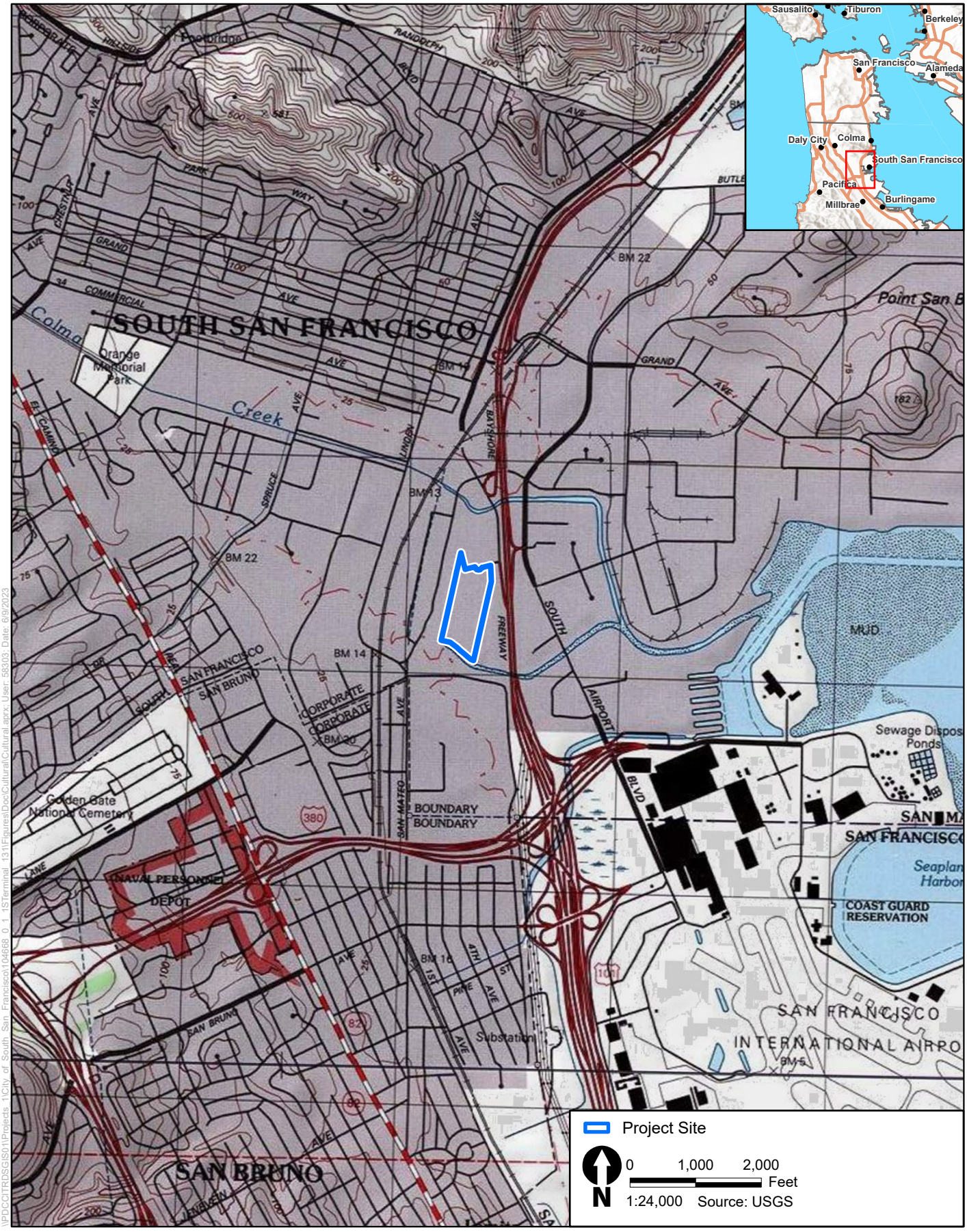

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SHARON RANALS, CITY MANAGER

The Ohlone Indian Tribe
Andrew Galvan, Chairperson
P.O. Box 3388
Fremont, CA, 94539

September 27, 2023

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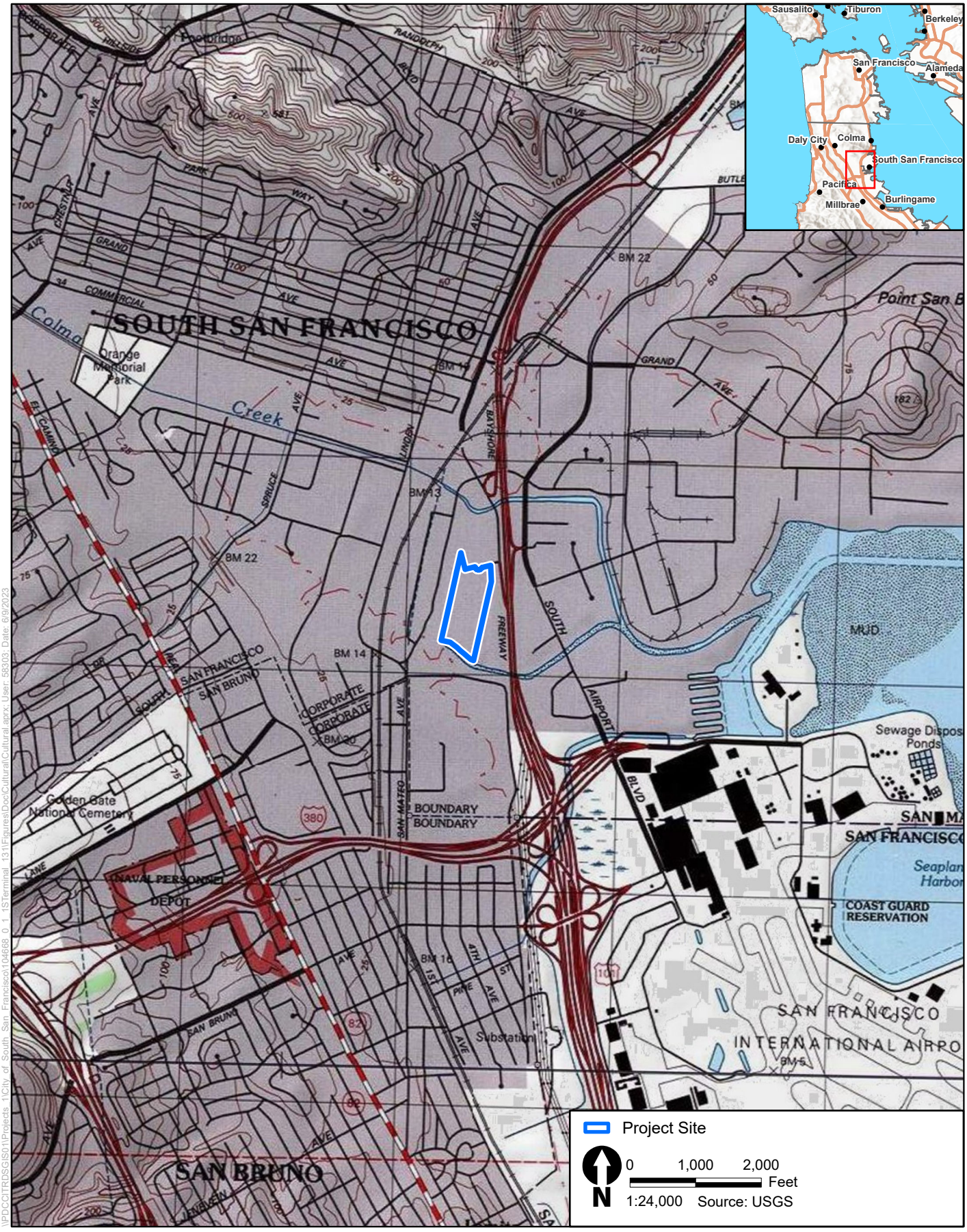

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1179 Rock Haven Ct.
Salinas, CA, 93906

September 27, 2023

Subject: Formal Notification of Consultation Opportunity Pursuant to Public Resources Code §21080.3.1 (Assembly Bill 52) and Government Code §65352.3 (Senate Bill 18) for the Infinite 131 Project and the Amendment to the South San Francisco General Plan, South San Francisco, San Mateo County, California

Dear Chairperson Woodrow:

The City of South San Francisco (City) has received a project application for the Infinite 131 Project (project) and is conducting an environmental analysis pursuant to the California Environmental Quality Act (CEQA). The purpose of this letter is to provide you with: 1) a description of the project site and the proposed project; and 2) a summary of a records search of the Northwest Information Center (NWIC) of the California Historical Resources Information System (CHRIS) and Sacred Lands File (SLF) at the Native American Heritage Commission (NAHC). This letter serves as formal notification pursuant to Public Resources Code §21080.3.1 (AB 52) and Government Code §65352.3 (SB 18).

Project Description

The approximately 17.67-acre project site comprises one parcel at 131 Terminal Court in the city of South San Francisco (see Figure 1 attached). The project site is identified as assessor's parcel number (APN) 015-113-210. Surrounding land uses include industrial and commercial uses. Specifically, Terminal Court and a large Park N' Fly surface parking lot is north of the project site, a large surface parking lot and U.S. 101 (known as Bayshore Freeway) are adjacent to the eastern portion of the project site, a navigable slough that feeds into San Bruno Canal is south of the project site, and several mixed industrial and commercial buildings and San Mateo Avenue are west of the project site. The project site is approximately 1 mile west of San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. The project site includes a portion of the shoreline band jurisdiction of the San Francisco Conservation and Development Commission, adjacent to the navigable slough. In addition, the project site is approximately 1 mile northwest of San Francisco International Airport (SFO). The topography of the project site is relatively flat, approximately 6 feet above mean sea level.

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking. The project site consists of two warehouse buildings, a smaller administrative building, and open-air structures, including loading docks and trash compactors, associated with operations

of the Golden Gate Produce Terminal. The project site outside the existing building footprints is covered with asphalt and concrete paving, with minimal surrounding landscaping and no trees.

The project proposes demolition of all existing on-site uses (i.e., warehouse buildings, administrative building, open-air structures) and the construction of Research and Design (R&D) uses and an on-site amenity space. Overall, the proposed project would construct approximately 1.6 million square feet (sf) of new uses across six buildings (I131S A, I131S B, I131S C, I131S D, I131N A, and I131N B). In addition, the proposed project would include two parking garages, associated with the I131N buildings and I131S buildings. The I131N parking garage would be approximately 551,631 sf in area and approximately 100 feet tall. It would include three below-grade levels of parking as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 sf in area and include two levels of below-grade parking. The proposed project would provide a total of 3,011 parking spaces, including 114 surface parking spaces. A total of 377 bicycle parking spaces would also be provided throughout the site, including 358 long-term bicycle parking spaces and 19 short-term bicycle parking spaces. The buildings would be linked together though a cohesive network of landscaping and open space. Two central landscaped courtyards would be located along the interior of the project site and framed by the shape of the I131N and I131S buildings to prioritize pedestrian- and bike-friendly connections as well as outdoor amenities.

The proposed project would be constructed in eight phases, including demolition of the warehouse buildings, administrative building, and open air structures. After receipt of the building permit, construction of the proposed project is anticipated to take approximately 5 years, with construction on the southern portion of the project site beginning in March 2026 and ending in October 2028 and construction on the northern portion of the project site beginning in November 2028 and ending in May 2031. The phases of construction would consist of (1) rough grading and site demolition, (2) deep foundation installation, (3) foundation installation, (4) superstructure construction, (5) building enclosure construction, (6) interior buildout, (7) sitework, and (8) final building inspections.

Demolition, grading, and excavation would generate approximately 40,214 cubic yards (cy) of material, including removed fencing, building materials, concrete, soil, and asphalt. In addition, during demolition and grading, approximately 22,299 cy of soil would be imported for site preparation. Utility work associated with the proposed project would require excavation to a depth of approximately 3 to 7 feet below the existing ground surface. The maximum depth of excavation would be 5 feet below sea level for the sanitary sewer main upgrade.

The proposed project would require a general plan, specific plan, and zoning code amendment to change the existing and use designations from Mixed Industrial High (MIH) and Mixed Industrial Medium (MIM), respectively, to Business Technology Park-High (BTP-H), and allow development of the R&D campus. In addition, five parcels north of the project site at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (referred to as the off-site redesignation parcels), which are currently designated as MIH and zoned as T6 Urban Core (T6UC), would also seek general plan and zoning code amendments to be redesignated as BTP-H. However, the proposed project would not include the construction of any new uses as part of the redesignation of these parcels.

Results of Records Searches

In August 2023, ICF (the City's cultural resources consultant) conducted a records search of the project site and a 0.25-mile radius at the NWIC on behalf of the City. The NWIC, an affiliate of the State of California

Office of Historic Preservation, is the official state repository of cultural resources records and reports for San Mateo County.

One previously recorded archaeological resource was recorded within the project site, as described below:

1. P-41-000051 (CA-SMA-47) – This site was originally recorded by N. Nelson in 1909 as a shell mound located in South San Francisco. No additional information is included in the record on file with the NWIC.

Four previously recorded archaeological resources were recorded within a 0.25-mile radius of the project site, as described below:

1. P-41-000045 (CA-SMA-41) – Originally recorded by N. Nelson as a shell mound, the first site record was completed in 1909. Nelson recorded the site in South San Francisco, near US 101 and San Mateo Avenue, between Airport Boulevard and South Airport Boulevard. However, no evidence of the site was identified at this location during archaeological surveys conducted by Basin Research Associates. Nor was evidence of the site identified during Geoprobing conducted in 2016 by AECOM. Based on these negative results, AECOM concluded that the resource was either mapped incorrectly or no longer present.
2. P-41-000047 (CA-SMA-43) – Originally recorded by N. Nelson as a shell mound, the first site record was completed in 1909. Nelson recorded the site in South San Francisco, near US 101 and the San Bruno Canal, between Shaw Road and South Airport Boulevard. However, no evidence of the site was identified at this location during archaeological surveys conducted by Woodward-Clyde Consultants in 1995 and Basin Research Associates in 1988. Nor was evidence of the site identified during Geoprobing conducted in 2016 by AECOM. Based on these negative results, AECOM concluded that the resource was either mapped incorrectly or no longer present.
3. P-41-000049 (CA-SMA-45) – This site was originally recorded by N. Nelson in 1909 as a shell mound located in South San Francisco. No additional information is included in the record on file with the NWIC.
4. P-41-002147 (CA-SMA-353H) – This site was originally recorded by Mooney & Associates in 2000 as a historic refuse scatter eroding out of a railroad embankment. Based on ceramics identified in the field, it was estimated that the scatter was deposited between 1890-1918. Subsequent archaeological site visits in 2005 and 2009 indicated that the area had been heavily disturbed, although some sparse historic artifacts were observed.

In June 2023, ICF requested a search of the NAHC SLF on behalf of the City. In July 2023, ICF received a response from the NAHC stating “the results of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.”

The Native American Heritage Commission provided your name as a representative of a California Native American Tribe who may have knowledge of cultural resources within or near the project area. The City would like to provide you with an opportunity to communicate concerns you might have regarding places within the project area that may be important to your community. The City requests your participation in the identification and protection of cultural resources, sacred lands or other heritage sites within the above

described project area with the understanding that you or other members of the community might possess specialized knowledge of the area.

Lead Agency Point of Contact
Attn: Billy Gross, Principal Planner
City of South San Francisco
Department of Economic and Community Development
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Pursuant to PRC §21080.3.1 (AB 52), tribal representatives have 30 days from the receipt of this letter to request consultation, in writing, with the City of South San Francisco (i.e., until October 27, 2023). Pursuant to Government Code §65352.3 (SB 18), tribal representatives have 90 days from receipt of this letter in which to request consultation under SB 18. Therefore, the City respectfully requests that you submit any requests to consult under PRC §21080.3.1 **or** Government Code §65352.3 by **December 29, 2023**.

Very Respectfully,

Billy Gross, Principal Planner
City of South San Francisco
Attachment: Project Location Map

CC: File

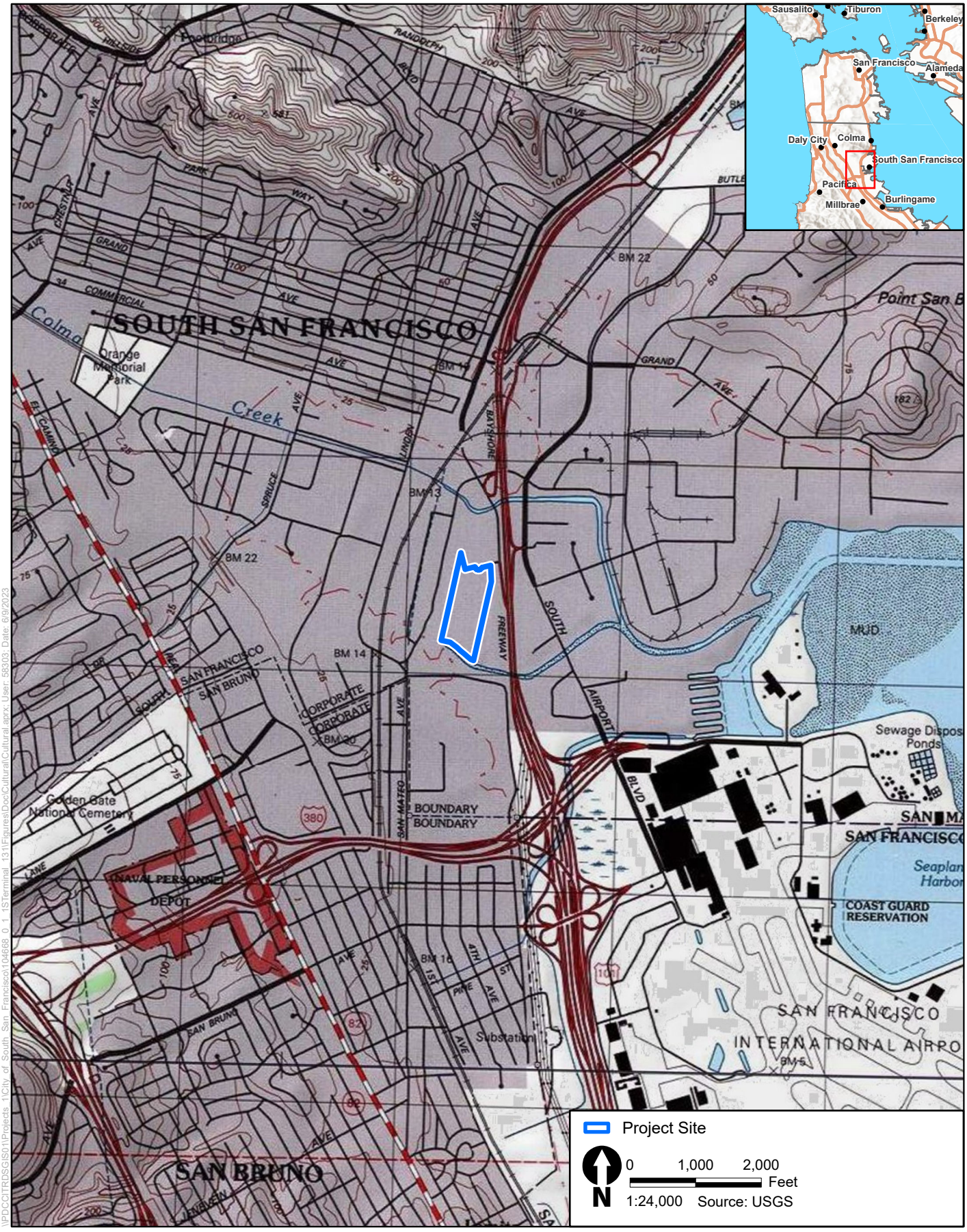

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Figure 1
Project Location

Appendix G:
Noise Technical Report

NOISE TECHNICAL REPORT
INFINITE 131 PROJECT

PREPARED FOR:

City of South San Francisco
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Contact: Billy Gross
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FEBRUARY 2024

ICF. 2024. Noise Technical Report, Infinite 131 Project. Final. February. (ICF 104668.) Prepared for City of South San Francisco.

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Acronyms and Abbreviations

ADT	average daily traffic
ALUCP	Airport Land Use Compatibility Plan
APN	assessor's parcel number
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
City	City of South San Francisco
CNEL	Community Noise Equivalent Level
dB	decibel
dBA	A-weighted decibel
DOAS	direct outside air system
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
General Plan	Shape SSF 2040 General Plan
HVAC	heating, ventilation, air-conditioning
Hz	Hertz
in/sec	inch per second
kHz	kilohertz
kW	kilowatt
L_{dn}	day-night sound level
L_{eq}	equivalent sound level
L_{max}	maximum sound level
L_{min}	minimum sound level
L_V	vibration velocity level
L_{xx}	percentile-exceeded sound level
PPV	peak particle velocity
project sponsor	US Terminal Court Owner, LLC
proposed project	Infinite 131 Project
R&D	research and development
rms	root mean square
SEL	sound equivalent level
sf	square feet
SFO	San Francisco International Airport
SLM	sound level meter
SOG	slab on grade
SOMD	slab on metal deck
SPL	sound pressure level
US	U.S. Highway
VdB	vibration decibel
µPa	micropascals

Chapter 1
Introduction

The purpose of this noise technical report is to identify potential noise and vibration impacts associated with the proposed Infinite 131 Project (proposed project), which is to be developed by US Terminal Court Owner, LLC (project sponsor). The analysis provided in this report evaluates the potential for short- and long-term noise and vibration impacts associated with construction and operation of the proposed project. In addition, the report documents the assumptions, methodologies, and findings used to evaluate the impacts. The report also includes a description of the environmental setting for the proposed project, including existing noise conditions, as well as a discussion of applicable laws and regulations.

1.1 Project Description

The project sponsor is proposing construction and operation of the proposed project, which would include demolition of approximately 126,750 square feet (sf) of industrial and commercial operations at the Golden Gate Produce Terminal, along with approximately 116,572 sf of open-air structures (e.g., loading docks, trash compactor areas) on a 17.67-acre site (i.e., the project site). In its place, the proposed project would construct approximately 1.7 million sf of research-and-development (R&D) uses and amenities within seven buildings, ranging from one to six stories. The proposed project would require City of South San Francisco (City) *Shape SSF 2040 General Plan* (General Plan), Specific Plan, and Zoning Code amendments to change the existing land use and zoning designations from Mixed Industrial High (MIH) to Business Technology Park High (BTP-H) and allow development of the R&D campus. In addition, five parcels north of the project site at 120 Terminal Court, 196 Produce Avenue, 160 Produce Avenue, and 140 Produce Avenue (i.e., the off-site redesignation parcels), which are currently designated as MIH, would also seek City General Plan, Specific Plan, and Zoning Code amendments to be redesignated as BTP-H. However, the proposed project would not include the construction of any new uses as part of redesignation of these parcels.

The proposed project would also include two parking garages. A stand-alone structure would provide 1,378 parking spaces in a 12-level parking garage (three levels below grade and nine levels above grade) as well as 20 surface-level parking spaces. The I131S parking garage, located beneath the I131S buildings, would provide 1,538 parking spaces as well as 40 surface parking spaces. The project would include twenty-four 500-kilowatt (kW) emergency generators with Tier 2 engines. Six of the generators would be located at grade inside I131N in a separate generator room. The remaining 18 generators would be at grade in one of three outdoor service yards. The generators would all be housed in acoustic enclosures, which would help to reduce engine noise from the generators. Refer to Figure 1 for a conceptual site plan of the proposed project.

Once construction of the proposed project is complete and the site is operational, a small day-care facility would be opened to serve the general public and project employees. The proposed footprint for the facility would include a 4,050 sf single-story building and a 4,950 sf outdoor play area. The facility would open at 8:00 a.m. and operate until 5:30 p.m. Monday through Friday. Nine people would be employed at the day care, which would accommodate up to 50 children per day.

Source: SteelWave and SOM LLP, 2024.

Graphics ... 104668 (2-14-2024) JC

ICF

Figure 1
Conceptual Site Plan

1.2 Project Location and Site Description

The approximately 17.67-acre project site comprises one parcel at 131 Terminal Court in the city of South San Francisco. Refer to Figure 2 for a map of the project location. The project site, assessor's parcel number (APN) 015-113-210, is bounded by Terminal Court and a large Park 'N Fly surface parking lot to the north, a large surface parking lot and U.S. Highway (US) 101 (known as Bayshore Freeway) to the east, a navigable slough[1] that feeds into San Bruno Canal to the south, and several mixed industrial and commercial buildings, along with San Mateo Avenue, to the west. The project site is approximately 1 mile west of San Francisco Bay and 0.30 mile west of a portion of the San Francisco Bay Trail that runs along San Bruno Canal. In addition, the project site is approximately 1 mile northwest of San Francisco International Airport (SFO).

The project site is currently occupied by the Golden Gate Produce Terminal, a produce market, and associated surface parking. The project site consists of two warehouse buildings and a smaller administrative building, totaling approximately 126,750 sf. In addition, the site is also developed with approximately 116,572 sf of open-air structures, including loading docks and trash compactors, associated with operations at the Golden Gate Produce Terminal.

[1] The navigable slough is a remnant tidal channel that cuts through a commercial district in South San Francisco; the slough is connected to San Francisco Bay (ESA. 2019. *Navigable Slough Flood Management Study.* Prepared for the County of San Mateo, City of South San Francisco, and City of San Bruno. Available: https://oneshoreline.org/wp-content/uploads/2020/06/Navigable-Slough-Flood-Management-Study.pdf. Accessed: April 12, 2023).

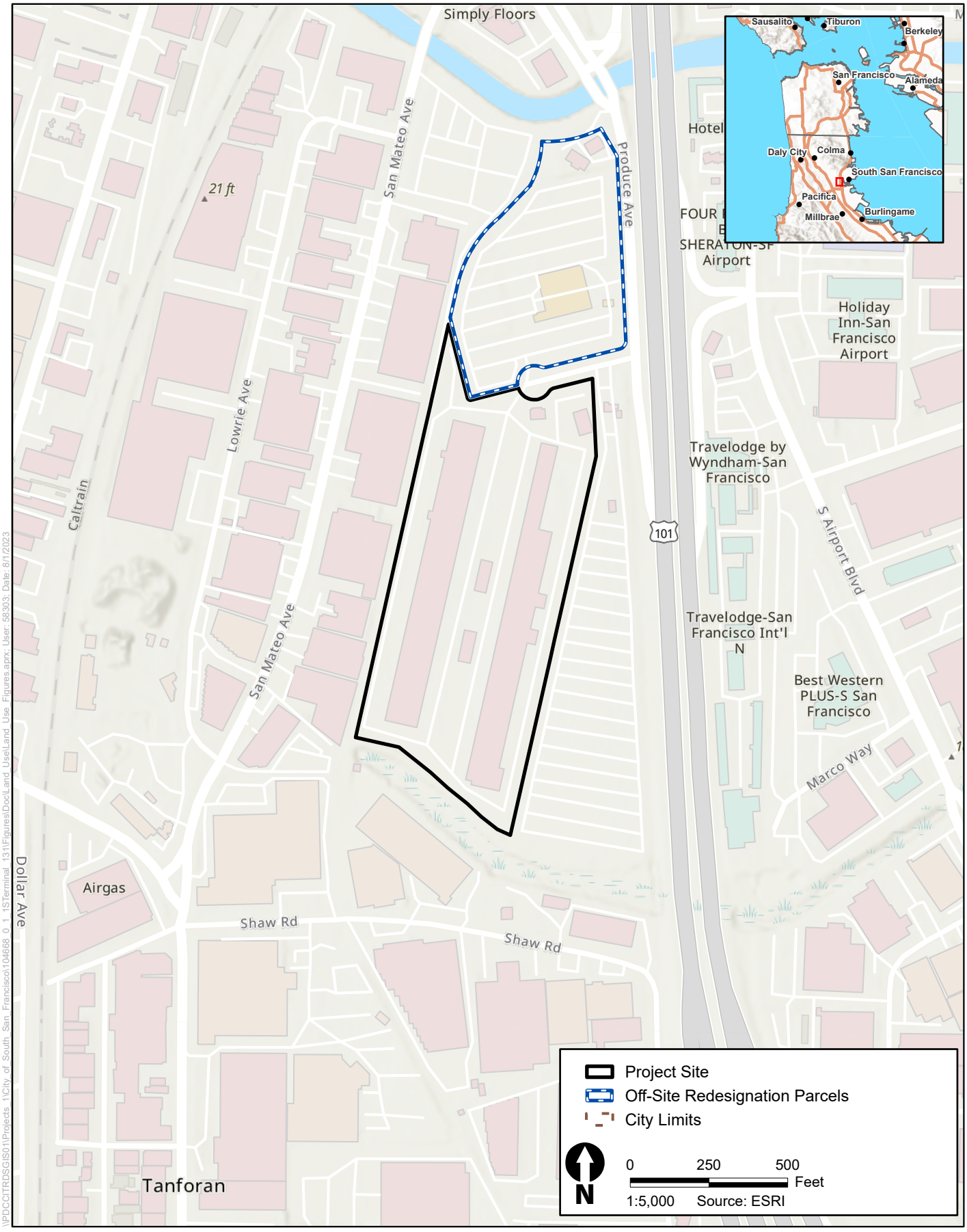

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Figure 2
Project Location Map

Chapter 2
Noise Fundamentals

2.1 Frequency, Amplitude, and Decibels

Continuous sound can be described by its *frequency* (pitch) and *amplitude* (loudness). A low-frequency sound is perceived as low in pitch; a high-frequency sound is perceived as high-pitched. Frequency is expressed in terms of cycles per second, or Hertz (Hz) (e.g., a frequency of 250 cycles per second is referred to as 250 Hz). High frequencies are sometimes more conveniently expressed in kilohertz (kHz), or thousands of Hz. The audible frequency range for humans is generally between 20 and 20,000 Hz.

The amplitude of pressure waves generated by a sound source correlates with the loudness of that source. The amplitude of a sound is typically described in terms of *sound pressure level* (SPL), also referred to simply as the sound level. The SPL, which refers to the root-mean-square (rms)[2] pressure of a sound wave, is measured in units called micropascals (µPa). One µPa is approximately one hundred billionth (0.00000000001) of normal atmospheric pressure. Sound pressure amplitudes for different kinds of noise environments can range from less than 100 to more than 100,000,000 µPa. Because of this large range of values, sound is rarely expressed in terms of µPa. Instead, a logarithmic scale is used to describe the SPL in terms of decibels, abbreviated dB. The decibel is a logarithmic unit that describes the ratio of the actual sound pressure to a reference pressure (20 µPa is the standard reference pressure level for acoustical measurements in air). Specifically, an SPL, in decibels, is calculated as follows:

$$SPL = 20 \times \log_{10}\left(\frac{X}{20\mu Pa}\right)$$

where X is the actual sound pressure and 20 µPa is the reference pressure. The threshold of hearing for young people is about 0 dB, which corresponds to 20 µPa.

2.1.1 Decibel Calculations

Because decibels represent noise levels on a logarithmic scale, SPLs cannot be added, subtracted, or averaged through ordinary arithmetic. On the dB scale, a doubling of sound energy corresponds to a 3 dB increase. In other words, when two identical sources are each producing sound of the same loudness, their combined sound level at a given distance would be 3 dB higher than one source under the same conditions. For example, if one bulldozer produces an SPL of 80 dB, two bulldozers would not produce a combined sound level of 160 dB. Rather, they would combine to produce 83 dB. The cumulative sound level of any number of sources, such as excavators, can be determined using decibel addition. The same decibel addition is used for A-weighted decibels, described below. Similarly, the arithmetic mean (average) of a series of noise levels does not accurately represent the

[2] Root mean square (rms) is defined as the square root of the mean (average) value of the squared amplitude of the noise signal.

overall average noise level. Instead, the values must be averaged using a linear scale before converting the result back into a logarithmic (i.e., dB) noise level. This method is typically referred to as calculating the "energy average" of the noise levels. Table 2-1 demonstrates the general results of adding noise from multiple sources. (Note that the examples summarized in this table are rounded to the nearest whole number.)

Table 2-1. Rules for Combining Sound Levels by Decibel Addition

When two decibel values differ by…	…add the following amount to the higher decibel value	Example
0 to 1 dB	3 dB	60 dB + 61 dB = 64 dB
2 to 3 dB	2 dB	60 dB + 63 dB = 65 dB
4 to 9 dB	1 dB	60 dB + 69 dB = 70 dB
10 dB or more	0 dB	60 dB + 75 dB = 75 dB

Source: California Department of Transportation. 2013. *Technical Noise Supplement to the Traffic Noise Analysis Protocol.* September. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tens-sep2013-a11y.pdf. Accessed: August 2, 2023.

2.1.2 A-Weighting

The dB scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on human response to that sound. Although the intensity (i.e., energy per unit area) of the sound is a purely physical quantity, the loudness or human response is determined by the characteristics of the human ear.

Human hearing is limited in the range of audible frequencies as well as in the way it perceives the SPL in that range. In general, people are most sensitive to the frequency range of 1,000 to 5,000 Hz and perceive sounds within that range better than sounds of the same amplitude at higher or lower frequencies. To approximate the response of the human ear, sound levels of individual frequency bands are weighted (i.e., adjusted), depending on human sensitivity to those frequencies. The resulting SPL is expressed in A-weighted decibels, or dBA.

The A-weighting scale approximates the frequency response of the average young ear when listening to most ordinary sounds. When people make judgments regarding the relative loudness or annoyance of a sound, their judgments correlate well with the A-weighted sound levels of those sounds. Table 2-2 describes typical A-weighted sound levels for various noise sources.

2.2 Noise Descriptors

Because sound levels can vary markedly over a short period of time, various descriptors, or noise "metrics," have been developed to quantify environmental and community noise. These metrics generally describe either the average character of the noise or the statistical behavior of the variations in the noise level. Some of the most common metrics used to describe environmental noise, including those metrics used in this report, are described below.

Table 2-2. Typical A-Weighted Sound Levels

Common Outdoor Noise Source	Sound Level (dBA)	Common Indoor Noise Source
	— 110 —	Rock band
Jet flying at 1,000 feet		
	— 100 —	
Gas lawn mower at 3 feet		
	— 90 —	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	— 80 —	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower at 100 feet	— 70 —	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	— 60 —	
		Large business office
Quiet urban, daytime	— 50 —	Dishwasher in next room
	— 40 —	Theater, large conference room (background)
Quiet urban, nighttime		
Quiet suburban, nighttime		
	— 30 —	Library
Quiet rural, nighttime		Bedroom at night
	— 20 —	
		Broadcast/recording studio
	— 10 —	
Lowest threshold of human hearing	— 0 —	Lowest threshold of human hearing

Source: California Department of Transportation. 2013. *Technical Noise Supplement to the Traffic Noise Analysis Protocol.* September. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tens-sep2013-a11y.pdf. Accessed: August 2, 2023.

- **Equivalent Sound Level (L_{eq})** is the most common metric used to describe short-term average noise levels. Many noise sources produce levels that fluctuate over time; examples include mechanical equipment that cycles on and off and construction work, which can vary sporadically. The L_{eq} describes the average acoustical energy content of noise for an identified period of time, commonly 1 hour. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustical energy over the duration of the exposure. For many noise sources, the L_{eq} will vary, depending on the time of day. A prime example is traffic noise, which rises and falls, depending on the amount of traffic on a given street or freeway.
- **Maximum Sound Level (L_{max})** and **Minimum Sound Level (L_{min})** refer to the maximum and minimum sound levels, respectively, that occur during the noise measurement period. More specifically, they describe the rms sound levels that correspond to the loudest and quietest 1-second intervals that occur during the measurement.
- **Percentile-Exceeded Sound Level (L_{xx})** describes the sound level exceeded for a given percentage of a specified period. For example, the L_{50} is the sound level exceeded 50 percent of the time (such as 30 minutes per hour), and L_{25} is the sound level exceeded 25 percent of the time (such as 15 minutes per hour).

- **Community Noise Equivalent Level (CNEL)** is a measure of the 24-hour average A-weighted noise level, which is also time weighted to "penalize" noise that occurs during the evening and nighttime hours when noise is generally recognized to be more disturbing because people are trying to rest, relax, or sleep during these times. Specifically, 5 dBA is added to the L_{eq} during the evening hours of 7:00 p.m. to 10:00 p.m., and 10 dBA is added to the L_{eq} during the nighttime hours of 10:00 p.m. to 7:00 a.m. The energy average is then taken for the whole 24-hour day.
- **Day-Night Sound Level (L_{dn})** is very similar to the CNEL described above. L_{dn} is also a time-weighted average of the 24-hour A-weighted noise level. The only difference is that no "penalty" is applied to the evening hours of 7:00 p.m. to 10:00 p.m. However, 10 dBA is added to the L_{eq} during the nighttime hours of 10:00 p.m. to 7:00 a.m. The energy average is then taken for the whole 24-hour day.

It is noted that various federal, state, and local agencies have adopted CNEL or L_{dn} as the measure of community noise. Although not identical, CNEL and L_{dn} are normally within 1 dBA of each other when measured in typical community environments, and many noise standards/regulations use the two interchangeably.

2.3 Sound Propagation

When sound propagates over a distance, it changes in both level and frequency content. The manner in which noise is reduced with distance depends on the factors described below. In general, noise attenuates (decreases) with distance. Roadway noise sources tend to be arranged linearly. Therefore, noise from roadway vehicular traffic attenuates at a rate of approximately 3.0 to 4.5 dB per doubling of distance from the source, depending on the intervening surface (paved or vegetated, respectively).[3] Point sources of noise, such as stationary equipment or construction equipment, typically attenuate at a rate of approximately 6.0 to 7.5 dB per doubling of distance from the source.[4] For example, a sound level of 80 dBA at 50 feet from the noise source will be reduced to 74 dBA at 100 feet, 68 dBA at 200 feet, and so on. Noise levels can also be attenuated by shielding the noise source or providing a barrier between the source and the receptor.

- **Geometric Spreading.** Sound from a single source (i.e., a "point" source) radiates uniformly outward as it travels away from the source in a spherical pattern. The sound level attenuates (or drops off) at a general rate of 6 dB for each doubling of distance. Highway noise is not a single stationary point source of sound. The movement of vehicles on a highway makes the source of the sound appear to emanate from a line (i.e., a "line" source) rather than from a point. This results in cylindrical spreading rather than the spherical spreading that results from a point source. The change in sound level (i.e., attenuation or decrease) from a line source is generally 3 dB per doubling of distance.

[3] California Department of Transportation. 2013. *Technical Noise Supplement to the Traffic Noise Analysis Protocol.* September. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tens-sep2013-a11y.pdfhttps://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/ tens-sep2013-a11y.pdf. Accessed: August 2, 2023

[4] The 1.5 dB variation in attenuation rate (6 dB versus 7.5 dB) can result from ground-absorption effects, which occur as sound travels over soft surfaces such as earth or vegetation (7.5 dB attenuation rate) versus hard surfaces such as pavement or hard-packed earth (6 dB rate).

- **Ground Absorption.** The noise path between the source and the observer is usually close to the ground. The excess noise attenuation from ground absorption occurs because of acoustic energy losses on sound wave reflection. For acoustically "hard" sites (i.e., sites with a reflective surface, such as a parking lot or a smooth body of water, between the source and the receptor), no excess ground attenuation is assumed because the sound wave is reflected without energy losses. For acoustically absorptive or "soft" sites (i.e., sites with an absorptive ground surface, such as soft dirt, grass, or scattered bushes and trees), an excess ground attenuation value of 1.5 dB per doubling of distance is normally assumed. When added to the geometric spreading, the excess ground attenuation results in an overall drop-off rate of 4.5 dB per doubling of distance for a line source and 7.5 dB per doubling of distance for a point source.
- **Atmospheric Effects.** Research by the California Department of Transportation (Caltrans) and others has shown that atmospheric conditions can have a major effect on noise levels. Such factors include wind; air temperature, including vertical temperature gradients; humidity; and turbulence. Receptors downwind from a source can be exposed to increased noise levels relative to calm conditions, whereas receptors upwind can have lower noise levels. Increased sound levels can also occur over relatively large distances because of temperature inversion conditions (i.e., increasing temperatures with elevation).
- **Shielding by Natural or Human-Made Features.** A large object or barrier in the path between a noise source and a receptor can substantially attenuate noise levels at the receptor. The amount of attenuation provided by this shielding depends on the size of the object, proximity to the noise source and receptor, surface weight, solidity, and the frequency content of the noise source. Natural terrain features, such as hills and dense woods, and human-made features, such as buildings and walls, can substantially reduce noise levels. Walls are often constructed between a source and a receptor with the specific purpose of reducing noise. In addition to the noise that diffracts over the top of a barrier, noise will also diffract around the ends of a barrier, resulting in "flanking" noise that can reduce the overall efficacy of the barrier. Assuming it is long enough to minimize the effects of flanking noise, a barrier that breaks the line of sight between a source and a receptor will typically result in at least 5 dB of noise reduction. A higher barrier may provide as much as 20 dB of noise reduction.

2.4 Human Response to Noise

Noise can have a range of effects on people, including hearing damage, sleep interference, speech interference, performance interference, physiological responses, and annoyance. Each of these is briefly described below.

- **Hearing Damage.** A person who is exposed to high noise levels can suffer either gradual or traumatic hearing damage. Gradual hearing loss occurs with repeated exposure to excessive noise levels. It is most commonly associated with occupational noise exposures involving heavy industry or other very noisy work environments. Traumatic hearing loss is caused by a sudden exposure to an extremely high noise level, such as a gunshot or explosion at very close range. The potential for noise-induced hearing loss is not generally a concern in typical community noise environments. Noise levels in neighborhoods, even in very noisy airport environs, are not loud enough to cause hearing loss.

- **Sleep Interference.** Exposure to excessive noise levels at night has been shown to cause sleep disturbance. *Sleep disturbance* refers not only to awakening from sleep but also effects on the quality of sleep, such as alterations to the patterns and stages of sleep. World Health Organization guidelines recommend noise limits of 30 dBA L_{eq} (8-hour average) for continuous noise and 45 dBA L_{max} for single sound events inside bedrooms at night to minimize sleep disturbance.[5]

- **Speech Interference.** Speech interference can be a problem in any situation where clear communication is desired. It is often of particular concern in learning environments, such as schools, or situations where poor communication could jeopardize safety. Normal conversational speech inside homes is typically in the range of 50 to 65 dBA.[6] Any noise in that range or louder may interfere with speech. As background noise levels rise, the intelligibility of speech decreases and the listener fails to recognize an increasing percentage of the words spoken. A speaker may raise his or her voice in an attempt to compensate for higher background noise levels, but this, in turn, can lead to vocal fatigue for the speaker.

- **Performance Interference.** Excessive noise has been found to have various detrimental effects on human performance, including information processing, concentration, accuracy, reaction times, and academic performance. Intrusive noise from individual events can also cause distraction. These effects are of obvious concern for learning and work environments.

- **Physiological Responses.** Acute noise has been shown to cause measurable physiological responses in humans, including changes in stress hormone levels, pulse rate, and blood pressure. The extent to which these responses cause harm, or are signs of harm, is not clearly defined, but it has been postulated that they could contribute to stress-related diseases, such as hypertension, anxiety, and heart disease. However, research indicates that links between environmental noise and permanent health effects are generally weak and inconsistent. Statistically significant health risks have been found for extended exposure to very high noise levels, such as the risks for workers who are exposed to high levels of industrial noise for 5 to 30 years.[7]

- **Annoyance.** The subjective effects of annoyance, nuisance, and dissatisfaction are possibly the most difficult to quantify, and no accurate method exists to measure the effects. This difficulty arises primarily from differences in individual sensitivity and habituation to sound, which can vary widely from person to person. What one person considers tolerable can be unbearable to another of equal hearing acuity. An important tool in estimating the likelihood of annoyance due to a new sound is a comparison to the existing baseline or "ambient" environment to which a person has adapted. In general, the more the levels or tonal (frequency) variations of a sound exceed the previously existing ambient sound level or tonal quality, the less acceptable the new sound will be.

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5 World Health Organization. 1999. *Guidelines for Community Noise*. April. London, United Kingdom. Available: https://www.who.int/publications/i/item/a68672. Accessed: August 10, 2023.

6 U.S. Environmental Protection Agency. 1977. *Speech Levels in Various Noise Environments*. EPA 600/1-77-025. May. Prepared by: Bolt, Beranek, and Newman. Prepared for: U.S. Environmental Protection Agency. Washington, D.C.

7 World Health Organization. 1999. *Guidelines for Community Noise*. April. London, United Kingdom. Available: https://www.who.int/publications/i/item/a68672. Accessed: March 10. 2023.

In most cases, effects from sounds typically found in the natural environment are limited to annoyance or interference. Physiological effects and hearing loss are more commonly associated with human-made noise, such as that in an industrial or occupational setting.

Studies have shown that, under controlled conditions in an acoustics laboratory, a healthy human ear is able to discern changes in sound levels of 1 dBA. In the normal environment, the healthy human ear can detect changes of about 2 dBA; however, it is widely accepted that a doubling of sound energy, which results in a change of 3 dBA in the normal environment, is considered just noticeable for most people. A change of 5 dBA is readily perceptible, and a change of 10 dBA is perceived as being twice as loud. Accordingly, a doubling of sound energy (e.g., doubling the volume of traffic on a highway) resulting in a 3 dBA increase in sound would generally be barely detectable.

2.5 Noise-Sensitive Land Uses

The project site is surrounded primarily by commercial and industrial uses to the south, west, and north. Such uses are generally not considered to be noise sensitive. To the east, the project site is bounded by US 101. The nearest noise-sensitive land uses are two hotels (Travelodge and Best Western) east of the project site, across US 101 in the city of South San Francisco. The Travelodge hotel is approximately 250 feet from the project site, or 295 feet from the nearest portion of a proposed project structure. The Best Western hotel is approximately 800 feet east of the project site. The nearest existing residences are southwest of the intersection of Hermann Street and Tanforan Avenue in the city of San Bruno, approximately 1,100 feet (0.2 mile) southwest of the nearest project construction area (the project driveway) and 1,570 feet south of the closest proposed project building footprint.

A proposed residential development has been approved at 100 Produce Avenue and 124 Airport Boulevard. Although construction has not yet begun on this project, these multi-family residences would be occupied during project operation; they may also be occupied during some portions of project construction. The nearest portion of this residential development is approximately 950 feet north of the northernmost portion of the project site.

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Chapter 3
Ground-borne Vibration Fundamentals

This chapter describes basic concepts related to ground-borne vibration. Ground-borne vibration is a small, rapidly fluctuating motion transmitted through the ground. The effects of ground-borne vibration are typically limited to nuisance or annoyance for people, but at extreme vibration levels, damage to buildings may also occur.

In contrast to airborne sound, ground-borne vibration is not a phenomenon that most people experience every day. The ambient ground-borne vibration level in residential areas is usually much lower than the threshold of human perception. Most perceptible indoor vibration is caused by sources within buildings, such as mechanical equipment while in operation, people moving, or doors slamming. Typical outdoor sources of perceptible ground-borne vibration are heavy construction activities, such as blasting, pile driving, or earthmoving; trains with steel wheels; and traffic on rough roads. If a roadway is smooth, the ground-borne vibration from traffic is rarely perceptible, even in locations close to major roads. The strength of ground-borne vibration from typical environmental sources diminishes (or attenuates) fairly rapidly over distance.

For the prediction of ground-borne vibration, the fundamental model consists of a vibration source, a receptor, and the propagation path between the two. The power of the vibration source and the characteristics and geology of the intervening ground, which affect the propagation path to the receptor, determine the ground-borne vibration level and the characteristics of the vibration perceived by the receptor.

The sections that follow provide an explanation of key concepts and terms used in the analysis of environmental ground-borne vibration.

3.1 Displacement, Velocity, and Acceleration

When a vibration source (e.g., blasting, dynamic construction equipment, a train) impacts the ground, it imparts energy to the ground, creating vibration waves that propagate away from the source along the surface and downward into the earth. As vibration waves travel outward from a source, they excite the particles of rock and soil through which they pass and cause them to oscillate. The distance that these particles move is referred to as the *displacement,* which is typically very small, usually only a few ten thousandths to a few thousandths of an inch. *Velocity* describes the instantaneous speed of the motion, and *acceleration* is the instantaneous rate of change in the speed. Each of these measures can be described further in terms of *frequency* and *amplitude*, as discussed below.

Although displacement is generally easier to understand than velocity or acceleration, it is rarely used to describe ground-borne vibration because most transducers used to measure vibration measure velocity or acceleration directly, not displacement.

3.2 Frequency and Amplitude

The frequency of a vibrating object describes how rapidly it is oscillating. The unit of measurement for the frequency of vibration is Hz (the same as used in the measurement of noise), which describes the number of cycles per second.

The amplitude of displacement describes the distance that a particle moves from its resting (or equilibrium) position as it oscillates; this can be measured in inches. The amplitude of vibration velocity (the speed of the movement) can be measured in inches per second (in/sec). The amplitude of vibration acceleration (the rate of change in the speed) can be measured in in/sec per second.

3.3 Vibration Descriptors

As noted above, there are various ways to quantify ground-borne vibration, based on its fundamental characteristics. Because vibration can vary markedly over a short period of time, various descriptors have been developed to quantify vibration. The two most common descriptors used in the analysis of ground-borne vibration are the peak particle velocity (PPV) and vibration velocity level (Lv), each of which is described below.

- **PPV** is defined as the maximum instantaneous positive or negative peak amplitude of the vibration velocity. The unit of measurement for PPV is in/sec. Unlike many quantities used in the study of environmental acoustics, PPV is typically presented using linear values; it does not employ a dB scale. Because it is related to the stresses that are experienced by buildings, PPV is generally accepted as the most appropriate descriptor for evaluating the potential for building damage. Both Federal Transit Administration (FTA) and Caltrans guidelines recommend using PPV for that purpose. It is also used in many instances to evaluate the human response to ground-borne vibration. Caltrans guidelines recommend using PPV for that purpose.
- **L_V** describes the rms vibration velocity. Because of the typically small amplitudes of ground-borne vibration, vibration velocity is often expressed in decibels, calculated as follows:

$$L_V = 20 \times \log_{10}\left(\frac{V}{V_{ref}}\right)$$

where V is the actual rms velocity amplitude and V_{ref} is the reference velocity amplitude. It is important to note that there is no universally accepted value for V_{ref}, but the accepted reference quantity for vibration velocity in the U.S. is 1 micro-inch per second (1×10^{-6} in/sec). The abbreviation VdB is commonly used for vibration decibels to distinguish them from noise-level decibels. L_V is often used to evaluate human response to vibration levels. FTA guidelines recommend using L_V for that purpose.

3.4 Vibration Propagation

Vibration energy spreads out as it travels through the ground, causing the vibration level to diminish with distance from the source. High-frequency vibrations reduce much more rapidly than low frequencies so that low frequencies tend to dominate the spectrum at large distances from the source. The propagation of ground-borne vibration is not as simple to model as airborne noise. This is because noise in the air travels through a relatively uniform medium, while ground-borne vibrations travel through the earth, which may contain significant geological differences. Geological factors that influence the propagation of ground-borne vibration include the following:

- **Soil Conditions.** The type of soil is known to have a strong influence on the levels of ground-borne vibration. Among the most important factors are the stiffness and internal damping of the soil. Hard, dense, and compacted soil; stiff clay soil; and hard rock transmit vibration more efficiently than loose, soft soils; sand; or gravel.
- **Depth to Bedrock.** Shallow depth to bedrock has been linked to the efficient propagation of ground-borne vibration. One possibility is that shallow bedrock acts to concentrate the vibration energy near the surface, reflecting vibration waves back toward the surface that would otherwise continue to propagate farther down into the earth.
- **Soil Strata.** Discontinuities in the soil strata (i.e., soil layering) can also cause diffractions or channeling effects that affect the propagation of vibration over long distances.
- **Frost Conditions.** Vibration waves typically propagate more efficiently in frozen soils than in unfrozen soils. Propagation also varies, depending on the depth of the frost.
- **Water Conditions.** The amount of water in the soil can affect vibration propagation. The depth of the water table in the path of the propagation also appears to have substantial effects on ground-borne vibration levels.

Specific conditions at the source and receiver locations can also affect vibration levels. For instance, how the source is connected to the ground (e.g., direct contact, through rails, by a structure) will affect the amount of energy transmitted into the ground. There are also notable differences when the source is underground, such as in a tunnel, versus on the surface. At the receiver, vibration levels can be affected by variables such as the foundation type, building construction, and acoustical absorption inside rooms where people are located. When vibration encounters a building, a ground-to-foundation coupling loss will usually reduce the overall vibration level. However, under certain circumstances, the ground-to-foundation coupling may also amplify the vibration level because of structural resonances from the floors and walls.

3.5 Effects of Ground-Borne Vibration

Vibration can result in effects that range from annoyance to structural damage. Annoyance or disturbance for people may occur at vibration levels that are substantially below those that would pose a risk of damage to buildings. Each of these effects is discussed below.

3.5.1 Potential Building Damage

When ground-borne vibration encounters a building, vibrational energy is transmitted to the structure, causing it to vibrate. If the vibration levels are high enough, damage to the building may occur. Depending on the type of building and the vibration levels, this damage could range from cosmetic architectural damage (e.g., cracked plaster, stucco, tile) to more severe structural damage (e.g., cracking of floor slabs, foundations, columns, beams, wells). Buildings can typically withstand higher levels of vibration from transient sources than from continuous or frequent intermittent sources. Transient sources are those that create a single isolated vibration event, such as blasting or the use of drop balls. Continuous/frequent intermittent sources include pile drivers (impact or vibratory), crack-and-seat equipment, and vibratory compaction equipment. Older fragile buildings, which may include important historic buildings, are of particular concern. Modern commercial and industrial buildings can generally withstand much higher vibration levels before damage occurs.

3.5.2 Human Disturbance or Annoyance

Ground-borne vibration can be annoying for people and cause serious concern for nearby neighbors, even when vibration is well below the level that could cause physical damage to structures. Ground-borne vibration is almost exclusively a concern inside buildings. It is rarely perceived as a problem outdoors where the motion may be discernible, but the reaction is less adverse without the effects associated with a shaking building. The normal frequency range at which most ground-borne vibration starts to be felt is generally from less than 1 to about 200 Hz.

When ground-borne vibration waves encounter a building, vibrational energy is transmitted to the building foundation. It then propagates throughout the remainder of the structure, causing surfaces (e.g., walls, floors, ceilings) to vibrate. This movement may be felt directly by building occupants. It may also generate a low-frequency rumbling noise as sound waves are radiated by the vibrating surfaces. At higher frequencies, building vibration can cause other audible effects, such as the rattling of windows, building fixtures, or items on shelves or hanging on walls. These audible effects due to ground-borne vibration are referred to as *ground-borne noise*. Ground-borne vibration levels that result in ground-borne noise are often experienced as a combination of perceptible vibration and low-frequency noise. However, sources that have the potential to generate ground-borne noise are likely to produce airborne noise impacts that mask the radiated ground-borne noise. Any perceptible effect (i.e., vibration or ground-borne noise) can lead to annoyance. The degree to which a person is annoyed depends on the activity in which they are participating at the time of the disturbance. For example, someone sleeping or reading will be more sensitive than someone who is engaged in physical activity. Reoccurring vibration effects often lead people to believe that vibration is damaging their homes, even though the vibration levels are well below the minimum thresholds for damage potential.[8]

Numerous studies have been conducted to characterize the human response to vibration. Over the years, vibration criteria and standards have been suggested by researchers, organizations, and governmental agencies. These studies suggest that the thresholds for perception and annoyance vary, according to duration, frequency, and amplitude of vibration. For a continuous or frequent

[8] California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. Final. CT-HWANP-RT-20-365.01.01. April. Sacramento, CA.

intermittent vibration source, such as construction activity, including the use of pile drivers or vibratory compaction equipment, the human response to vibration varies from barely perceptible at a PPV of 0.01 in/sec to distinctly perceptible at a PPV of 0.04 in/sec, strongly perceptible at a PPV of 0.1 in/sec, and severe at a PPV of 0.4 in/sec. [9]

3.6 Vibration-Sensitive Land Uses

As noted above, the potential effects of ground-borne vibration can be divided into two categories: building damage and potential human annoyance. Because building damage would be considered a permanent negative effect at any building, regardless of land use, any type of building would typically be considered sensitive to this type of impact. Fragile structures, which often include historic buildings, are most susceptible to damage and of particular concern. The closest land uses surrounding the project site have structures that would most likely be categorized as "historic and some old buildings," according to Caltrans' Vibration Guidelines for Potential Damage to Structures because of the age of the structures. Specifically, nearly all buildings immediately west of the project site were built between 1956 and 1968. In addition, the nearest existing residences, which are approximately 1,100 feet away from the project site (1,570 feet away from the nearest project building), would most likely be categorized as "older residential structures." The buildings within the planned residential development at 100 Produce Avenue and 124 Airport Boulevard, approximately 950 feet from project construction areas, would most likely be categorized as "newer residential structures" or "modern industrial/commercial buildings."

Human annoyance effects from ground-borne vibration are typically considered only inside occupied buildings and not at outside areas such as residential yards, parks, or open spaces. Buildings that would be considered sensitive to human annoyance caused by vibration are generally the same as those that would be sensitive to noise. These typically include residences, schools, hospitals, assisted-living facilities, mental care facilities, places of worship, libraries, performing arts facilities, and hotels and motels. Nearby vibration-sensitive buildings include the hotels and motels located about 250 to 800 feet east of the project site and the residences located approximately 1,100 feet southwest of the project site.

[9] California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. Final. CT-HWANP-RT-20-365.01.01. April. Sacramento, CA.

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Chapter 4
Existing Noise Environment

A number of transportation- and industrial-related noise sources contribute to the ambient noise environment in the project vicinity. Traffic on major roadways, such as US 101, South Airport Boulevard, and San Mateo Avenue, heavily influence the ambient noise levels in this area. In addition, aircraft noise from planes taking off and landing at nearby SFO, along with Caltrain's passenger trains running north and south parallel to Hermann Street in San Bruno, influence the ambient noise environment.

Ambient noise is often measured to help characterize existing ambient noise levels in the vicinity of a given project. To quantify existing ambient noise levels near the project site, long- (24-hour) and short-term (15-minute) ambient noise measurements were conducted between Wednesday, March 1, and Thursday, March 3, 2023. On these days, weather conditions ranged from clear to overcast, with no precipitation. Winds were mild, with wind speeds averaging approximately 1 to 2 miles per hour.

Long- and short-term monitoring locations were selected to capture noise levels in areas with representative ambient noise levels throughout the day and night near the project site as well as areas that were representative of noise-sensitive receptors, including the hotel uses east of the project site and the residences to the southwest. The long-term measurements were conducted using a Piccolo Type 2 sound-level meter (SLM). The SLM measured 1-hour L_{eq} for a period of approximately 24 hours. The recorded 1-hour data were used to generate 24-hour average L_{dn}, 24-hour CNEL, and average 12-hour L_{eq} noise levels for the daytime hours of 8:00 a.m. to 8:00 p.m. In addition, the highest and lowest 1-hour L_{eq} noise level recorded during the measurement window was noted.

Five long-term noise measurement locations near the project site were selected. The 24-hour noise levels from the long-term measurements ranged from 69.6 to 77.2 dBA L_{dn}, with higher noise levels generally corresponding to areas near busier roadways (i.e., US 101) and the nearby Caltrain passenger rail line (parallel to Herman Street). In addition, four short-term noise measurements were conducted near the project site. Short-term measurements were conducted using a Larson Davis 831 Type 1 SLM, which measured L_{eq} every 10 seconds for 15 minutes as well as overall L_{eq} averaged over the 15-minute measurement interval. The measured short-term noise levels ranged from 57.8 to 73.0 dBA L_{eq}.

The relevant noise data from the noise measurement survey are shown in Tables 4-1 and 4-2 for the long- and short-term noise measurements, respectively. All noise measurement locations are shown in Figure 3. Refer to Appendix A for the complete dataset of noise measurement data from the field survey.

Table 4-1. Measured Existing Noise Levels in the Project Vicinity, Long Term

Site	Site Description	L_{dn}	CNEL	Highest Recorded 1-Hour L_{eq}[a]	Lowest Recorded 1-Hour L_{eq}[b]	12-Hour Daytime L_{eq}[c]
LT-1	San Mateo Avenue, between Peking Handi-Craft and W.M. Dickerson	77.2	77.4	74.7	64.6	73.6
LT-2	Within the parking lot between Best Western hotel and Travelodge hotel, ~120 feet south of electrical tower	69.6	69.9	69.8	58.7	65.8
LT-3	Corner of Pacific Avenue and Hermann Street	76.5	77.0	76.2	54.9	74.1
LT-4	On project site, approximately 450 feet south of Terminal Court	74.9	75.2	75.4	65.0	70.3
LT-5	Southeast corner of IHOP parking lot	73.2	73.5	69.9	63.3	68.8

LT = long-term (24-hour) ambient noise measurement.
All noise levels are reported in A-weighted decibels (dBA).
a. Highest 1-hour L_{eq} is the highest calculated L_{eq} level during a 24-hour period.
b. Lowest 1-hour L_{eq} is the lowest calculated L_{eq} level during a 24-hour period.
c. The 12-hour daytime L_{eq} was the average hourly L_{eq} noise level from 8:00 a.m. to 8:00 p.m.

Table 4-2. Measured Existing Noise Levels in the Project Vicinity, Short Term

Site	Site Description	Measurement Start Time	L_{eq}	L_{max}	L_{min}	Dominant Noise Source
ST-1	Travelodge parking lot, adjacent to US 101	9:20 a.m.	73.0	87.2	68.9	Highway traffic
ST-2	Parking lot between Bay Badminton Center and Peking Handi-Craft	10:35 a.m.	68.0	76.9	63.5	Mechanical equipment, nearby table saw
ST-3	Parking lot between Peninsula Auto Body and SF Elite Volleyball Club	9:03 a.m.	62.6	75.3	50.8	Roadway traffic
ST-4	Approximately 570 feet west from the southwest corner of the project site	11:39 a.m.	57.8	71.5	53.7	HVAC equipment hum from produce facility

ST = short-term (15-minute) ambient noise measurement.
All noise levels are reported in A-weighted decibels (dBA).
HVAC = heating, ventilation, air-conditioning

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Figure 3
Noise Measurement Locations

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Chapter 5
Regulatory Framework

5.1 Federal

No federal laws, regulations, or policies for construction-related noise and vibration apply directly to the proposed project. However, FTA has developed general assessment criteria for analyzing construction noise. Although FTA standards are intended for federally funded mass-transit projects, the impact assessment procedures and criteria included in FTA's *Transit Noise and Vibration Impact Assessment* manual[10] are routinely used to evaluate a variety of projects proposed by local jurisdictions (i.e., not exclusively transit projects). The FTA construction guidelines state that each A-weighted sound level increase of 10 dB corresponds to an approximate doubling of subjective loudness. As a result, a 10 dB increase in the ambient noise level is often used as the threshold in determining if an increase in ambient noise levels because of construction would be considered substantial.

5.2 State

Governor's Office of Planning and Research

The *State of California General Plan Guidelines* document, published and updated by the Governor's Office of Planning and Research, provides guidance for evaluating the compatibility of various land uses with respect to community noise exposure. These guidelines for general land use planning describe noise acceptability categories for the different types of land uses considered by the State of California (State). California also requires each local government entity to perform noise studies and implement a noise element as part of its general plan. The purpose of the noise element is to limit the exposure of the community to excessive noise levels; the noise element must be used to guide decisions concerning land use. Section 5.3, below, examines noise guidelines found in the City General Plan.

California Department of Transportation

Caltrans provides guidelines regarding vibration associated with the construction and operation of transportation infrastructure. Table 5-1 provides Caltrans' vibration guidelines for potential damage to different types of structures. Generally, people are more sensitive to vibration during nighttime hours, when people generally sleep, rather than daytime hours. Numerous studies have been conducted to characterize the human response to vibration. Table 5-2 provides Caltrans' guidelines regarding vibration annoyance potential, expressed here as PPV.

[10] Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment.* FTA Report No. 0123. September. Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/ research-innovation/118131/ transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf. Accessed: February 17, 2023.

Table 5-1. Caltrans Vibration Guidelines for Potential Damage to Structures

	Maximum Peak Particle Velocity (PPV, in/sec)	
Structure Type and Condition	**Transient Sources**	**Continuous/Frequent Intermittent Sources**
Extremely fragile historic buildings	0.12	0.08
Fragile buildings	0.2	0.1
Historic and some old buildings	0.5	0.25
Older residential structures	0.5	0.3
New residential structures	1.0	0.5
Modern industrial/commercial buildings	2.0	0.5

Source: California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. Final. CT-HWANP-RT-20-365.01.01. April. Sacramento, CA. Available: https://dot.ca.gov/-/media/dot-media/programs/ environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf. Accessed: February 3, 2023.
Note: Transient sources create a single, isolated vibration event (e.g., blasting or the use of drop balls). Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

Table 5-2. Caltrans Guidelines for Vibration Annoyance Potential

	Maximum PPV (in/sec)	
Human Response	**Transient Sources**	**Continuous/Frequent Intermittent Sources**
Barely perceptible	0.04	0.01
Distinctly perceptible	0.25	0.04
Strongly perceptible	0.9	0.10
Severe	2.0	0.4

Source: California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. Final. CT-HWANP-RT-20-365.01.01. April. Sacramento, CA. Available: https://dot.ca.gov/-/media/dot-media/programs/ environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf. Accessed: February 3, 2023.
Note: Transient sources create a single, isolated vibration event (e.g., blasting or the use of drop balls). Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

5.3 Local

South San Francisco Municipal Code

Chapter 8.32 of the City Municipal Code contains noise regulations for South San Francisco. The code includes noise limits for sound that constitutes a noise disturbance, measured as the maximum permissible sound level at any receiving property. The City Municipal Code's quantitative noise limits and construction noise regulations are described below. Table 5-3 outlines the specific noise criteria that apply to various land uses in South San Francisco. Although these exact zoning/district designations are no longer in effect, the City generally applies the guidelines to the corresponding current zoning districts.

Table 5-3. Noise Level Standards for the City of South San Francisco

Land Use Category	Time Period	Noise Level (dBA)[a]
R-e, R-1, and R-2 zones or any single-family or duplex residential use in a specific plan district	10:00 p.m. to 7:00 a.m.	50
	7:00 a.m. to 10:00 p.m.	60
R-3 and D-C zones or any multi-family residential or mixed residential/commercial use in any specific plan district	10:00 p.m. to 7:00 a.m.	55
	7:00 a.m. to 10:00 p.m.	60
C-1, P-C, Gateway, and Oyster Point Marina Specific Plan districts or any commercial use in any specific plan district	10:00 p.m. to 7:00 a.m.	60
	7:00 a.m. to 10:00 p.m.	65
M-1, P-1	Anytime	70

Notes:
- Noise levels are identified as the maximum permissible sound levels for a cumulative period of more than 30 minutes in 1 hour.
- If the measured ambient noise level for any area is higher than the standard set listed above, the ambient level shall be the base noise level standard for purposes of identifying a noise disturbance.
- If the measurement location is on a boundary between two different zones, the applicable noise level standard shall be the more stringent noise zone plus 5 dBA.

a. The noise level standard for each land use for a cumulative period of more than 30 minutes in any 1 hour (L_{50}). Standards increase for durations of less than 15 minutes per hour.

Under the City Noise Ordinance, it is unlawful for any person to operate or cause to be operated any source of sound at any location within the city, or allow the creation of any noise on property owned, leased, occupied, or otherwise controlled by such person, that causes the noise level, when measured on any other property, to exceed the limits specified in Table 5-3, with limited exceptions, including permitted construction activity**.** If the measured ambient level for any area is higher than the standard in the City Municipal Code for a particular use, then the applicable threshold for that use is 5 dB above the measured ambient level.[11]

The City Municipal Code also identifies special provisions for activities related to construction, alterations, and landscaping. With a valid permit, such activities may occur from 8:00 a.m. to 8:00 p.m. Monday through Friday, 9:00 a.m. to 8:00 p.m. on Saturdays, and 10:00 a.m. to 6:00 p.m. on Sundays and holidays. Other hours may be authorized by the permit if at least one of the following noise limitations is met:

1. No individual piece of equipment shall produce a noise level exceeding 90 dBA at a distance of 25 feet or
2. The noise level at any point outside of the property plane of the project shall not exceed 90 dBA.

Exception permits may be issued if an applicant can show that a diligent investigation of available noise abatement techniques indicates that immediate compliance with the requirements of Chapter 8.32 of the City Municipal Code would be impractical or unreasonable. Exception permits may contain conditions to minimize the public detriment caused by such exceptions. In addition, performance standards related to noise and vibration can be found in Chapter 20.300.010 of the City Municipal Code. Section E, Noise, states that no use or activity shall create ambient noise levels that exceed the levels of the standards established in Chapter 8.32, Noise Regulation.

[11] South San Francisco Municipal Code, Section 8.32.030(a), (b).

Section 20.300.010(F) states that vibration shall not be transmitted through the ground that is discernible without the aid of instruments by a reasonable person at the lot lines of a site. Vibration from temporary construction, demolition, and vehicles that enter and leave the subject parcel (e.g., construction equipment, trucks) is exempt from this standard. Section 20.300.010 also lists noise exposure requirements and limitations for new development, based on various land use types, which can be found below in Table 5-4. In these cases, noise levels at a new land use must meet the requirements for that designated land use.

Table 5-4. Noise Exposure – Land Use Requirements and Limitations

Land Use	CNEL Range (dBA)	Requirements and Limitations
Residential and other noise-sensitive uses (e.g., schools, hospitals, churches)	Less than 65	Satisfactory
	65 to 70	Acoustic study and noise attenuation measures required
	More than 70	Not allowed, with the exception of projects deemed appropriate by the City Council and, to the extent necessary, approved through the local agency override process, consistent with Public Utilities Code Section 21670 et seq.
Commercial	Less than 70	Satisfactory
	70 to 80	Acoustic study and noise attenuation measures required
	More than 80	Airport-related development only; noise attenuation measures required
Industrial	Less than 75	Satisfactory
	75 to 85	Acoustic study and noise attenuation measures required
	More than 85	Airport-related development only; noise attenuation measures required
Open	Less than 75	Satisfactory
	More than 75	Avoid uses involving concentrations of people or animals

2040 South San Francisco General Plan

The General Plan, adopted in October of 2022, contains a noise element (Chapter 16) that sets goals, policies, and implementing programs related to the goal of achieving acceptable noise levels in the city. In addition, the noise chapter sets land use compatibility noise standards for new developments. The following General Plan goals, policies, and programs adopted to avoid or minimize environmental noise are applicable to the project:

Goal NOI-1: Residents and Employees of South San Francisco Are Exposed to Acceptable Noise Levels.

Policy NOI-1.1: Ensure New Development Complies with Noise Compatibility Guidelines. Ensure that all new development within the city complies with the land use/noise compatibility guidelines shown in Table 11 (Table 5-5 of this report).

Action NOI-1.1.1: Enforce Exterior and Interior Noise Limits. Enforce the standards of Table 11, Land Use/Noise Compatibility Matrix (Table 5-5, above), which specify acceptable exterior and interior noise limits for various land uses throughout the city.

Table 5-5. Land Use Compatibility Noise Standards for New Development

Land Use Categories	Compatible Uses	CNEL	
		Interior[a]	Exterior[b]
Residential	Single-family, duplex, multi-family, mobile home, residence care uses	45[c]	65[d]
Commercial	Hotel, motel, transient lodging uses	45[c]	65
	Commercial, retail, bank, restaurant, health club uses	55	—
	Office building, R&D, professional office uses	50	—
	Amphitheater, concert hall, auditorium, meeting hall, movie theater uses	50	—
	Manufacturing, warehousing, wholesale, utility uses	65	—
Open Space	Park, neighborhood park, playground uses	—	65
Institutional/Public Facility	Hospital, school, classroom uses	45[c]	65
	Church, library uses	45[c]	—

Interpretation:

a. Interior environment excludes bathrooms, toilets, closets, and corridors.
b. Outdoor environment limited to private yard of single-family residential, multi-family residential, and mobile home park outdoor common space areas; hospital patio; park picnic area; school playground; and hotel and motel recreation area.
c. Noise-Level Requirement with Closed Windows: Mechanical ventilating system or other means of natural ventilation shall be provided pursuant to Uniform Building Code requirements.
d. Multi-family developments with private balconies that would not meet the 65 dBA CNEL standard are required to provide occupancy disclosure notices to all future tenants regarding potential noise impacts.

Action NOI-1.1.2: Incorporate Noise Compatibility Conditions of Approval. Continue to assess projects through subdivision, site plan, conditional use permit, and other development review processes and incorporate conditions of approval and mitigation measures that ensure noise compatibility where appropriate.

Action NOI-1.1.3: Require Noise Study in Applicable Areas. Require a noise study to be performed and appropriate noise attenuation to be incorporated to reduce interior noise levels to 45 dB CNEL or less prior to approving any multi-family or mixed-use residential development in an area with a CNEL of 65 dB or greater.

Action NOI-1.1.5: Require Noise Control for New Developments. Require the control of noise at the source through site design, building design, landscaping, hours of operation, and other techniques for new developments deemed to be noise generators.

Policy NOI-1.2: Enforce Noise Performance Standards. The City enforces the noise ordinance noise performance standards.

Action NOI-1.2.1: Update Municipal Code Section Related to the Noise Ordinance. Update the noise ordinance in the South San Francisco Municipal Code to establish standards for permissible construction hours and controls related to other potential nuisances, such as music, dogs, special events, and mechanical/sound equipment, and encourage enforcement and penalties for violations of the noise ordinance. The update should not interfere with the regular course of business in commercial and industrial zones.

- *General Activity Noise Performance Standards:* Establish general noise performance standards for the city's established land use zones.
- *Construction Noise:* Continue to restrict construction activities to acceptable time periods. Consider constructing temporary sound walls surrounding construction sites during construction.
- *Special Event Noise:* Allow single-event occurrences at specific sites, subject to special permit conditions, which alleviate noise to the greatest extent possible. Limit the permissible hours for special single events and the number of special single events that are allowed to take place each year.

Goal NOI-2: Prevent the Exposure of Residents and Employees of South San Francisco to Unacceptable Vibration Levels.

Policy NOI-2.1: Require Vibration Analysis for Sensitive Receptors. A vibration analysis shall be prepared by a qualified acoustical consultant for any construction-related activities within 100 feet of residential or other sensitive receptors that require the use of pile driving or other construction methods that have the potential to produce high vibration levels.

Policy NOI-2.2: Require Vibration Analysis for Rail Lines. A vibration analysis shall be prepared by a qualified acoustical consultant for new land uses located within 200 feet of existing rail lines.

Goal NOI-3: Historic Structures Are Not Exposed to Unacceptable Vibration Levels.

Policy NOI-3.1: Require Vibration Analysis for Historic Structure Protection. Prior to issuance of grading permits for any development project within 150 feet of a historic structure, if construction activities will require either (1) pile driving within 150 feet the historic structure or (2) utilization of mobile construction equipment within 50 feet of the historic structure, the property owner/developer shall retain an acoustical engineer to conduct a vibration analysis of potential impacts from construction-related vibration on the historic structure. The vibration analysis shall determine the vibration levels created by construction activities at the historic structure and, if necessary, develop mitigation to reduce vibration to the Caltrans threshold for historic buildings (i.e., PPV of 0.12 in/sec).

Lindenville Specific Plan

The Lindenville Specific Plan, adopted September 27, 2023, contains specific guidelines for development within the Lindenville neighborhood, located in the southern portion of South San Francisco. Chapter 3.3.3, Land Use Vision – Allowed Uses, lists one standard regarding noise.

Standard 5: Airport Land Use Compatibility Plan Consistency. All development shall adhere to land use compatibility requirements established in zoning code Chapter 20.300.03, Airport Land Use Compatibility Plan Consistency.

a. **ALUCP Safety Zone Compatibility**. Development projects in Safety Zones 2, 3, and 4 shall adhere to the land use restrictions, as defined by the ALUCP.

b. **ALUCP Noise Compatibility (Interior).** Future developments under the specific plan exposed to conditionally acceptable and generally unacceptable aircraft noise levels, as defined by the ALUCP or the South San Francisco General Plan, whichever is more restrictive, shall complete a detailed noise analysis that includes the required noise reduction measures and noise insulation features included in the design to ensure compatibility with appropriate noise standards.

c. **ALUCP Noise Compatibility (Exterior).** Exterior noise requirements shall adhere to zoning code Chapter 20.300.03, Airport Land Use Compatibility Plan Consistency, and the noise performance standards in the City's General Plan, with the following exceptions:

   i. For new multi-family residential projects and for the residential component of mixed-use development, use a standard of 60 dB CNEL in usable outdoor activity areas. Use noise attenuation techniques such as shielding by buildings and structures for common outdoor use areas. Outdoor uses shall be designed for passive recreational use.

   ii. For new parks and open spaces, use a standard of 60 dB CNEL. Parks and open spaces shall be designed for passive recreational use.

San Bruno Municipal Code

Although the project site is in the city of South San Francisco, project construction and operation have the potential to cause noise impacts at nearby sensitive land uses in the neighboring city of San Bruno. The nearest existing residences to the project site are the single-family residences west of the intersection of Hermann Street and Tanforan Avenue. Therefore, relevant portions of the San Bruno Municipal Code are summarized below.

The San Bruno Municipal Code contains regulations in Section 6.16, San Bruno Noise Ordinance, pertaining to noise. This section discusses noise limits for various noise sources in the jurisdiction. The relevant guidelines from the San Bruno Noise Ordinance are included below.

6.16.030, Ambient Noise Level Limits

Where the ambient noise level is less than designated in this section, the respective noise level shall govern (sound level A, decibels). Residential zone: 10:00 p.m. to 7:00 a.m., 45 dBA; 7:00 a.m. to 10:00 p.m., 60 dBA (Ordinance 1354, Section 1; prior code: Section 16-4.3).

6.16.050, Noise Levels Exceeding Ambient Base Level

Any noise level exceeding the zone ambient base level at the property plane of any property, or exceeding the zone ambient base level on any adjacent residential area zone line or at any place of other property (or, if a condominium or apartment house, within any adjoining apartment), by more than 10 dB shall be deemed to be prima facie evidence of a violation of the provisions of this chapter. However, during the period of 7:00 a.m. to 10:00 p.m., the ambient base level may be exceeded by 20 dB for a period not to exceed 30 minutes during any 24-hour period (Ordinance 1354, Section 1; prior code: Section 16-4.1-5).

6.16.060, Machinery Noise Levels

No person shall operate any machinery, equipment, pump, fan, air-conditioning apparatus, or similar mechanical device in any manner so as to create any noise that would cause the noise level at the property plane of any property to exceed the ambient base noise level by more

than 10 dB. However, during the period of 7:00 a.m. to 10:00 p.m., the ambient base level may be exceeded by 20 dB for a period not to exceed 30 minutes during any 24-hour period (Ordinance 1354, Section 1; prior code: Section 16-4.6).

6.16.070, Construction of Buildings and Projects

No person shall, within any residential zone, or within a radius of 500 feet therefrom, operate equipment or perform any outside construction or repair work on any building, structure, or other project or operate any pile driver, power shovel, pneumatic hammer, derrick, power hoist, or any other construction-type device that shall exceed between the hours of 7:00 a.m. and 10:00 p.m. a noise level of 85 dBA, as measured at 100 feet, or exceed between the hours of 10:00 p.m. and 7:00Âa.m. a noise level of 60 dBA, as measured at 100 feet, unless such person shall have first obtained a permit from the director of public works. No permit shall be required to perform emergency work (Ordinance 1354, Section 1; prior code: Section 16-4.7).

Chapter 6
Impacts and Mitigation Measures

6.1 Methodology

A combination of existing literature and accepted noise and vibration prediction and propagation algorithms was used to predict short-term construction and long-term operational noise levels and evaluate ground-borne vibration impacts. The specific methodology used for each analysis topic is described below.

6.1.1 Construction Noise and Vibration

The evaluation of potential noise and vibration impacts associated with project construction was based on the construction schedule, phasing, and equipment assumptions provided by the project sponsor. Using the construction assumptions derived for the proposed project, noise and vibration levels were estimated using the methods described below.

Construction Noise

Daytime Hours

Noise from construction of a given project varies, depending on the type of equipment in use, how many pieces of equipment are operating at any one time, the proximity of the equipment to a noise receptor, and the duration of equipment use. Estimates of combined construction and demolition noise levels for the proposed project were based on reference noise levels from the Federal Highway Administration (FHWA) roadway construction noise model, the FTA general assessment construction noise analysis method, and information provided by the project sponsor.[12,13] The FTA recommends combining noise levels from the two loudest pieces of equipment expected to operate simultaneously in roughly the same location. For the purposes of this analysis, and to provide a reasonably conservative assessment, the analysis included an evaluation of the three loudest pieces of equipment expected to operate during a given construction phase, assuming simultaneous operation in roughly the same location on the project site. This approach ensures a conservative analysis. Consideration was also given to overlapping phases in the analysis.

The FHWA noise source data used in the construction noise model include A-weighted L_{max} noise levels, measured at 50 feet from the construction equipment, along with utilization factors for the equipment. The utilization factor is the percentage of time each piece of equipment is typically

[12] Federal Highway Administration. 2006. *FHWA Roadway Construction Noise Model User's Guide*. FHWA-HEP-05-054. January. Available: https://www.fhwa.dot.gov/ENVIRonment/noise/construction_noise/rcnm/rcnm.pdf. Accessed: July 17, 2023.

[13] Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment*. FTA Report No. 0123. September. Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf. Accessed: July 17, 2023.

operated at full power over a specified time period. It is used to estimate L_{eq} values from L_{max} values. For example, the L_{eq} value for a piece of equipment that operates at full power over 50 percent of the time is 3 dB less than the L_{max} value.[14]

Modeled construction noise levels were compared to applicable construction noise standards for daytime hours. Specifically, for South San Francisco, construction noise generated between 8:00 a.m. and 8:00 p.m. Monday through Friday, or 8:00 a.m. to 8:00 p.m. on Saturday or 10:00 a.m. to 6:00 p.m. on Sundays and holidays, was analyzed to determine if all individual pieces of equipment proposed for use would result in a noise level below 90 dBA at 25 feet or if combined construction noise levels would be below 90 dBA L_{eq} at the property plane. Daytime construction noise generated within 500 feet of a sensitive use in San Bruno would be limited to 85 dBA L_{eq} at a distance of 100 feet. However, because project construction would take place more than 500 feet from any sensitive uses in San Bruno, this threshold does not apply. Construction noise levels at the nearest existing residential land uses in San Bruno, which are approximately 1,100 feet from the project driveway, approximately 1,400 feet from the main project site, and approximately 1,570 feet from the nearest project building footprint, were modeled and compared to the existing ambient noise level to determine if a substantial temporary increase in noise would occur.

Non-Daytime Hours

Construction activities proposed for non-daytime hours would be those taking place outside of the specified daytime hours for construction identified in the City Municipal Code. As identified by the project sponsor, such activities could include concrete pours, crane work, drilling, and interior buildout work. The interior buildout work would take place inside the buildings during early-morning hours. As was the case for the daytime construction evaluation, described above, non-daytime construction noise was assessed by modeling combined construction noise levels, based on reference noise levels from the FHWA roadway construction noise model, the FTA general assessment construction noise analysis method, and information provided by the project sponsor.

Combined construction noise levels from activities occurring outside of daytime hours were compared to the maximum permissible sound level for surrounding noise-sensitive land uses. The nearest sensitive land uses to the project are the nearby hotel uses. Consideration is also given to the planned multi-family residential development at 100 Produce Avenue and 124 Airport Boulevard. During non-daytime hours, project construction noise is evaluated to determine if it would be in compliance with the overall local noise standards (included in Table 5-3) at the nearest sensitive land uses; the less stringent daytime construction-specific noise thresholds in South San Francisco would not apply. According to Table 5-3, the City nighttime noise standard for multi-family residential or mixed residential/commercial land uses, including transient lodging, is 55 dBA between the hours of 10:00 p.m. and 7:00 a.m., unless the existing ambient noise level exceeds this criterion. According to the City Municipal Code, if measured ambient noise levels are higher than the standard, generated noise levels may exceed measured ambient noise levels by up to 5 dB.

[14] Federal Highway Administration. 2008. *FHWA Roadway Construction Noise Model (RCNM), Software Version 1.1.* December 8. Prepared by: U.S. Department of Transportation, Research and Innovative Technology Administration, John A. Volpe National Transportation Systems Center, Environmental Measurement and Modeling Division.

For purposes of the non-daytime construction noise analysis, the lowest 1-hour L_{eq} noise levels at the nearest sensitive uses are used to establish non-daytime construction noise thresholds because measured ambient noise levels exceed the aforementioned standards. The lowest measured 1-hour nighttime noise level at the nearest hotel (Travelodge) was 63.3 dBA L_{eq}. According to City Municipal Code standards, non-daytime construction noise may be up to 5 dB greater than this measured noise level at this land use. Therefore, non-daytime construction noise is evaluated to determine if combined equipment noise would be expected to exceed approximately 68 dBA at the Travelodge hotel.

Regarding the proposed multi-family residential development at 100 Produce Avenue and 124 Airport Boulevard, existing noise levels are best represented by LT-4 because the distance from US 101 is similar to the distance from the closest edge of the proposed development. The lowest measured 1-hour nighttime noise level at LT-4 was 65.0 dBA L_{eq}. Because non-daytime construction noise is allowed to be up to 5 dB greater than the measured noise level, non-daytime construction noise is evaluated to determine if combined equipment noise would be expected to exceed approximately 70 dBA L_{eq} at the proposed residential development at 100 Produce Avenue and 124 Airport Boulevard. Although project construction may be completed prior to occupation of this development, an evaluation of non-daytime construction noise is conservatively included in this assessment.

For nighttime and early-morning construction noise experienced by receptors in San Bruno, because construction noise would take place more than 500 feet from the nearest sensitive uses, the nighttime (i.e., between 10:00 p.m. and 7:00 a.m.) noise criterion of 60 dBA, as measured at 100 feet, does not apply. Noise levels at the nearest existing residences are presented and compared to the existing ambient noise level, based on project-specific noise measurements, to determine if a substantial temporary increase (10 dB or greater) in noise would be expected to occur.

Noise – Construction Haul Trucks

The City Municipal Code does not include specific thresholds pertaining to construction haul truck noise. Anticipated daily haul truck noise was assessed to determine if a 3 dB increase over modeled ambient traffic noise levels, which is considered to be "barely perceptible," would occur as a result of hauling activity. Note that, in some cases, modeled traffic noise levels do not fully characterize the existing noise environment along a given roadway segment. For example, traffic noise from adjacent larger-capacity roadway segments may dominate the overall noise environment in some areas (i.e., noise from US 101 may be experienced along a quieter, smaller adjacent roadway segment). Therefore, along roadway segments where overall noise levels are influenced by traffic on other roadway segments, measured noise levels, when available, are also considered when evaluating potential haul truck noise impacts.

Construction Vibration

Building/Structure Damage

The operation of heavy-duty construction equipment can generate localized ground-borne vibration at buildings adjacent to the construction areas. Ground-borne vibration rarely causes damage to normal buildings. However, a structure's susceptibility to vibration-induced damage depends on its age, condition, distance from the vibration source, and the vibration level.

Vibration resulting from construction of the proposed project was analyzed using data and modeling methodologies provided by Caltrans' *Transportation and Construction Vibration Guidance Manual*.[15] This guidance manual provides typical vibration source levels for various types of construction equipment as well as methods for estimating the propagation of ground-borne vibration over distance. Table 6-1 provides the PPV levels of the most vibration-intensive construction equipment expected to be used for the proposed project at a reference distance of 25 feet. All of the analyzed equipment is classified as continuous/frequent intermittent vibration sources.

Table 6-1. Construction Equipment Vibration Levels

Equipment Item	Reference PPV at 25 feet, in/sec[a]
Auger drill	0.089
Large bulldozer[b]	0.089
Small bulldozer[c]	0.003

Source: California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. April. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf. Accessed: August 13, 2023.
[a.] Obtained from Caltrans 2020.
[b.] Considered representative of other heavy earthmoving equipment such as excavators, graders, backhoes, etc.
[c.] Considered representative of smaller equipment such as a small backhoe and front-end loader.

The following equation from the guidance manual was used to estimate the change in PPV levels over distance:

$$PPV_{rec} = PPV_{ref} \times (25/D)^{n}$$

where PPV_{rec} is the PPV at a receptor; PPV_{ref} is the reference PPV at 25 feet from the equipment; D is the distance from the equipment to the receiver, in feet; and n is a value related to the vibration attenuation rate through ground. The default recommended value for n is 1.5. This equation was used to estimate the PPV at each of the closest vibration-sensitive receivers, based on an estimated worst-case distance between sources and receivers.

Annoyance/Sleep Disturbance

Regarding the potential for annoyance-related vibration impacts to occur, residential and transient lodging land uses (e.g., hotels and motels) are considered most sensitive to vibration during nighttime hours when people generally sleep. For the purposes of this analysis, should strongly perceptible vibration levels (i.e., a PPV of 0.1 in/sec, per the Caltrans guidelines for vibration annoyance potential) occur at nearby homes, hotels, or motels during nighttime hours, sleep disturbance could occur and annoyance-related vibration impacts would be considered significant.

6.1.2 Operational Noise

Noise associated with project operations was evaluated for individual operational noise sources, as described below. Primary sources of operational noise associated with the project include heating, cooling, and ventilation equipment; emergency generators (during testing); loading

[15] California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. Final. CT-HWANP-RT-20-365.01.01. April. Sacramento, CA.

docks; and traffic from operations associated with the project. Note that no planned events or large gatherings are proposed for the project courtyard, and there would be no amplified music or speeches in this area. Therefore, noise from gatherings in the project courtyard was not evaluated in this analysis.

Mechanical Equipment

The evaluation of operational noise impacts associated with proposed on-site mechanical equipment was based on the available equipment information for the project, as provided by the project sponsor. Noise at various distances from point sources (e.g., stationary equipment associated with project operations such as generators and heating and cooling equipment) was estimated using available source noise data for similar sources, along with a point-source attenuation rate of 6 dB per doubling of distance. Although final equipment makes, models, and locations have not been determined, an example case was modeled to estimate combined noise levels from project mechanical equipment. The potential for noise to exceed allowable levels was also evaluated.

Regarding the applicable operational equipment noise threshold, according to the City Municipal Code, mechanical equipment noise at nearby residential-type uses (assumed to include hotel land uses) shall not exceed 60 dBA during the hours of 7:00 a.m. to 10:00 p.m. or 55 dBA during the hours of 10:00 p.m. to 7:00 a.m., unless the existing ambient noise level exceeds these criteria. According to the City Municipal Code, if measured ambient noise levels are higher than the standards, generated noise levels may exceed measured ambient noise levels by up to 5 dB. For purposes of the operational equipment analysis, the lowest 1-hour L_{eq} at the nearest sensitive uses is used to establish operational equipment noise thresholds because measured ambient noise levels would exceed the aforementioned standards.

To establish a baseline noise level for the purposes of this analysis, the lowest recorded hourly L_{eq} was conservatively used. The lowest measured nighttime noise level at the nearest residential/ transient lodging land use (Travelodge) was 63.3 dBA L_{eq}. The lowest measured nighttime noise level at the Best Western was 58.7 dBA L_{eq}. The lowest measured nighttime noise level at the planned 100 Produce Avenue and 124 Airport Boulevard development was 65.0 dBA L_{eq}. Because operational equipment noise may be up to 5 dB greater than the measured noise level at the aforementioned uses, operational equipment noise was evaluated to determine if combined equipment noise would be expected to exceed approximately 68 dBA L_{eq} at the Travelodge, approximately 64 dBA L_{eq} at the Best Western, or approximately 70 dBA L_{eq} at the proposed residential development at 100 Produce Avenue and 124 Airport Boulevard.

Estimated equipment noise levels at the nearest existing residences in San Bruno are also considered. Under applicable San Bruno thresholds, mechanical equipment must not result in a noise level of 10 dB above ambient at the nearest property plane of a sensitive use. The lowest measured hourly L_{eq} noise level at the nearest residences in San Bruno was 54.9 dBA L_{eq}; therefore, operational equipment noise at these residences was analyzed to determine if combined noise would exceed approximately 65 dBA L_{eq}.

Emergency Generator Testing

The project would incorporate diesel generators, which would be used during power disruptions. Although use of the generators would be limited to primarily emergency circumstances, periodic testing would be required. Note that noise from the operation of generators during an emergency is considered exempt from local noise thresholds in South San Francisco. However, the testing of emergency generators is required to comply with applicable local noise limits for operational equipment. Note that emergency generators would not be tested during nighttime hours.

Noise from emergency generator testing at various distances was estimated using conceptual site plans, equipment specification data, and equipment layout information provided by the project sponsor, along with the general point-source attenuation equation of 6 dB per doubling of distance.

The City Municipal Code establishes daytime (i.e., 7:00 a.m. to 10:00 p.m.) and nighttime (i.e., 10:00 p.m. to 7:00 a.m.) noise limits for receiving land uses. These can be applied to noise generated by stationary equipment in South San Francisco (as presented in Table 5-3). According to the City Municipal Code, as described previously, if measured ambient noise levels are higher than the standards, generated noise levels may exceed measured ambient noise levels by up to 5 dB. For purposes of the generator noise analysis, because generator testing would take place during daytime hours, generator noise would be limited to 5 dB above the 12-hour average daytime L_{eq} at the nearest sensitive land uses. The nearest sensitive land use is the Travelodge, which had a measured daytime 12-hour L_{eq} noise level of 68.8 dBA $L_{eq(12)}$; 5 dB above this noise level would be approximately 74 dBA L_{eq}. The 12-hour average ambient daytime noise levels in the vicinity of the Best Western hotel and the planned 100 Produce Avenue and 124 Airport Boulevard development were 65.8 dBA L_{eq} and 70.3 dBA L_{eq}, respectively. Therefore, modeled generator noise levels are compared to a noise limit of 71 and 75 dBA L_{eq}, respectively.

Although the generators would not be located in San Bruno, and therefore not required to comply with noise limits for equipment in San Bruno, an analysis was done to determine if noise from the generators in South San Francisco would result in a substantial increase in noise levels at nearby homes in San Bruno. Noise from emergency generator testing experienced in San Bruno was evaluated to determine if a 20 dB increase over the daytime ambient noise level, consistent with San Bruno Municipal Code noise limits, would occur (because the noise would not last longer than 30 minutes in a given hour and because testing would not occur during nighttime hours).

Loading Dock Noise

The potential for loading dock noise to result in substantial noise increases in the project area was analyzed qualitatively to determine the potential for a substantial temporary increase in noise at nearby sensitive land uses; a quantitative analysis of loading noise would be necessary only if the development was a loading-intensive use, such as a distribution center.

Operational Traffic Noise

Traffic noise increases along nearby roadway segments resulting from project development were quantitatively modeled using traffic volumes and existing vehicle-mix assumptions (i.e., the proportion of automobiles, trucks, buses, and other vehicles) provided by the project traffic engineer (Fehr &

Peers). Provided daily turn movements were converted into average daily traffic (ADT) volumes and posted speeds were determined using Google Street View. Traffic volumes were provided for existing, existing-with-project, future, and future-with-project conditions.

Quantitative modeling of traffic noise from the project was conducted using a spreadsheet that was based on the FHWA Traffic Noise Model, version 2.5, for the following conditions:

- Existing
- Existing with project
- Future (2040)
- Future (2040) with project

The spreadsheet calculates the traffic noise level at a fixed distance from the centerline of a roadway, according to the traffic volume, roadway speed, and vehicle mix predicted to occur under each condition. The evaluation of potential direct traffic noise impacts compared traffic noise modeling for the existing condition to the existing-with-project traffic scenario; potential effects on existing noise-sensitive land uses along major project traffic access roadways were assessed. In addition, a comparison of existing traffic noise to future-with-project traffic noise was conducted to determine if cumulative traffic noise impacts would occur. If cumulative traffic noise impacts were modeled to occur, the project contribution to these impacts was assessed by comparing traffic noise from the future-no-project scenario to the future-with-project scenario.

In some cases, modeled traffic noise levels do not accurately characterize the existing noise environment along a given roadway segment; for example, traffic noise from an adjacent larger-capacity roadway segment may dominate the overall noise environment in some areas. Therefore, along roadway segments where overall noise levels are influenced by traffic on other roadway segments (e.g., US 101), measured noise levels (when available) are also considered when evaluating potential traffic noise impacts.

Parking Garage Noise

Noise sources in parking garages include moving vehicles, along with doors closing, cars starting, tires squealing, car alarms sounding, and other automotive noises occurring. Noise from underground, or below-grade, parking garages would largely be attenuated by the mass of the earth above them. In addition, the line of sight between the noise source and the nearest sensitive uses would be blocked. Therefore, the I131S parking garage located beneath the I131S buildings would not be expected to result in parking-related noise at nearby sensitive uses. However, noise from the aboveground parking garage associated with the proposed project would still have the potential to radiate out from the structure. Therefore, noise from the 1,378-parking space aboveground I131N parking structure was evaluated qualitatively to determine if a substantial increase in noise at nearby sensitive uses would occur.

On-Site Day Care and Outdoor Play Area

Activities taking place within the proposed day-care building would most likely not increase ambient noise because these sources would be blocked and attenuated by the walls of the building. However, children playing in outdoor play areas associated with the day care may generate audible

noise at nearby sensitive land uses. Noise measurements were obtained from a previous study involving an outdoor play area. Specifically, source noise levels from approximately 58 children playing at Linda Vista Elementary School in San Diego were used to estimate noise from children playing outside the proposed day care. It is anticipated that this would be reasonably representative of the outdoor play area at the day care, which would be attended by approximately 50 children daily. The measured noise levels from the previous study were normalized to a reference distance of 50 feet, then adjusted to account for the assumed number of children playing within the outdoor play area and the distances to the closest noise-sensitive receptors.

The City Municipal Code establishes daytime (7:00 a.m. to 10:00 p.m.) and nighttime (10:00 p.m. to 7:00 a.m.) noise limits for the receiving land use. These can be applied to noise generated by children playing outdoors in South San Francisco (as presented in Table 5-3). According to the City Municipal Code (and as described previously), if measured ambient noise levels are higher than the standards, generated noise levels may exceed measured ambient noise levels by up to 5 dB. For purposes of the day-care outdoor play area noise analysis, because the facility would operate during daytime hours (8:00 a.m. to 5:30 p.m.), outdoor play area noise should not exceed 5 dB above the 12-hour average daytime L_{eq} at the nearest sensitive land uses. The nearest sensitive land use is the Travelodge, which had a measured daytime 12-hour L_{eq} of 68.8 dBA $L_{eq(12)}$; 5 dB above this noise level would be approximately 74 dBA L_{eq}. The 12-hour average ambient daytime noise levels in the vicinity of the Best Western hotel and the planned 100 Produce Avenue and 124 Airport Boulevard development were 65.8 dBA L_{eq} and 70.3 dBA L_{eq}, respectively. Therefore, modeled play area noise levels were compared to a noise limit of 71 and 75 dBA L_{eq}, respectively.

Note that the day-care center would not operate during project construction; therefore, children at the day care would not be exposed to project construction noise.

6.2 Thresholds of Significance

In accordance with Appendix G of the California Environmental Quality Act (CEQA) Guidelines, the proposed project would have a significant effect if it would result in any of the conditions listed below.

a) Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance or applicable standards of other agencies.

b) Generate excessive ground-borne vibration or ground-borne noise levels.

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, expose people residing or working in the project area to excessive noise levels.

The following thresholds were used to evaluate the significance of impacts, based on applicable regulations, ordinances, and policies.

6.2.1 Short-Term Construction Noise Criteria

Daytime Construction Noise

The City identifies criteria for daytime construction noise in Chapter 8.32 of the City Municipal Code. Based on those requirements, and for the purpose of this assessment, construction noise is considered significant if it:

- Occurs during the daytime allowable hours and exceeds the provisions of City Municipal Code Section 8.32.050(d) (i.e., any individual piece of equipment exceeding 90 dB at a distance of 25 feet or 90 dB at any point outside of the property plane) or
- Occurs outside of daytime hours and causes ambient noise levels to exceed maximum permissible sound levels at nearby noise receptors (based on the land use category of the receiving property, as identified in Table 5-3).

In the city of San Bruno, daytime construction noise generated within 500 feet of a sensitive use is limited to 85 dBA L_{eq} at a distance of 100 feet. Nighttime construction noise at that distance is limited to 60 dBA L_{eq}. However, because project construction would take place more than 500 feet from residences, this threshold does not apply. Construction noise levels at the nearest residential land uses in San Bruno were modeled and compared to the existing ambient noise level to determine if a substantial temporary increase in noise would occur.

Non-Daytime (Night and Early-Morning) Construction Noise

Because the nearest noise-sensitive land use to the project site is a hotel, construction noise outside of the standard daytime hours in South San Francisco must comply with the nighttime noise standard for transient lodging (mixed-use/commercial land uses, according to Table 5-3) of 55 dBA at the nearest hotel-type land use between the hours of 10:00 p.m. and 7:00 a.m., unless the existing ambient noise level exceeds this criterion. According to the City Municipal Code, if measured ambient noise levels are higher than the standards, generated noise levels may exceed the measured ambient noise levels by up to 5 dB. As described in the Methodology section, based on the lowest measured hourly noise level (63.3 dBA L_{eq}) at the nearby sensitive land use, the Travelodge, non-daytime construction noise in South San Francisco was evaluated to determine if combined equipment noise would exceed approximately 68 dBA. The lowest measured noise nighttime noise level at the Best Western was 58.7 dBA L_{eq}; therefore, non-daytime construction noise was also evaluated to determine if it would exceed approximately 64 dBA at the Best Western. Finally, the lowest measured noise nighttime noise level at the planned 100 Produce Avenue and 124 Airport Boulevard residential development was 65.0 dBA L_{eq}; therefore, non-daytime construction noise was also evaluated to determine if it would exceed approximately 70 dBA at this planned development.

Construction Haul Trucks

The General Plan does not include specific thresholds pertaining to construction haul truck noise. Anticipated daily haul truck noise was assessed to determine if a 3 dB increase over ambient noise levels, which is considered to be "barely perceptible," would occur as a result of hauling activity.

6.2.2 Long-Term Operational Noise Criteria

Mechanical Equipment Noise

City Municipal Code Section 8.32.030 outlines maximum permissible sound levels, as measured at specified land uses. As shown in Table 5-3, maximum permissible sound levels are determined by the land use category of the receiving property. As described in the Methodology section, because generated noise levels may exceed measured ambient noise levels by up to 5 dB if the applicable municipal code noise standard is already exceeded, operational noise was compared to a threshold of 68 dBA at the nearest sensitive land use (the Travelodge), based on the lowest hourly ambient noise measurement of approximately 63 dBA L_{eq} at that location. Noise from mechanical equipment noise was also evaluated at the next-closest sensitive land uses, the Best Western hotel and the proposed multi-family residential development at 100 Produce Avenue and 124 Airport Boulevard. The lowest measured noise nighttime noise level at the Best Western and the planned 100 Produce Avenue and 124 Airport Boulevard residential development were 58.7 dBA L_{eq} and 65.0 dBA L_{eq}, respectively. Mechanical equipment noise is compared to a noise limit of 5 dB greater than the measured noise levels at these land uses. Therefore, mechanical equipment noise at these land uses was compared to approximately 64 dBA at the Best Western hotel and approximately 70 dBA at the planned 100 Produce Avenue and 124 Airport Boulevard residential development.

Emergency Generator Noise

For the reasons described above pertaining to noise from mechanical equipment, because all emergency generator testing would take place during daytime hours, emergency generator testing noise was compared to a threshold 5 dB greater than the daytime 12-hour L_{eq} noise level of 68.8 dBA $L_{eq(12)}$ at the nearest sensitive use (the Travelodge). Because a 5 dB increase above this noise level would be approximately 74 dBA L_{eq}, the threshold was applied to the assessment of emergency generator noise at this land use. Noise from emergency generator testing was also evaluated at the next-closest sensitive land uses, the Best Western hotel and the proposed multi-family residential development at 100 Produce Avenue and 124 Airport Boulevard. The 12-hour average ambient daytime noise levels in the vicinity of the Best Western hotel and the planned 100 Produce Avenue and 124 Airport Boulevard development were 65.8 dBA L_{eq} and 70.3 dBA L_{eq}, respectively. Therefore, modeled generator noise levels are compared to a noise limit of 71 and 75 dBA L_{eq}, respectively.

Traffic Noise

In general, an increase of 3 dBA in traffic noise is considered just noticeable, a change of 5 dBA in traffic noise is clearly noticeable, and a change of 10 dBA in traffic noise is perceived as a doubling of noise. This report applies the following thresholds of significance for direct traffic-related noise increases:

- A project-generated increase of 5 dBA in traffic noise if the resulting traffic noise remains below the satisfactory range at noise-sensitive receivers, as found in Table 5-4, and
- A 3 dBA or greater increase in traffic noise resulting from project implementation when the future noise level is above the satisfactory range for a noise-sensitive land use.

Regarding potential cumulative traffic noise impacts, a comparison of existing traffic noise to future-with-project traffic noise was conducted to determine if a 3 dBA or 5 dBA increase (as described in the bullets above) would occur. In instances where cumulative traffic noise impacts were modeled to occur, the project contribution to these impacts was assessed by comparing traffic noise from the future-no-project scenario to the future-with-project scenario. Specifically, a cumulative impact and cumulatively considerable contribution related to traffic noise would be identified if:

- A project-generated increase of more than 1 dBA is attributable to the project where a cumulative traffic noise increase of 3 dBA or more occurs (and where cumulative traffic noise levels would be *above* the satisfactory range at a noise-sensitive land use) or
- A project-generated increase of more than 1 dBA is attributable to the project where a cumulative traffic noise increase of 5 dBA or more occurs (and where cumulative traffic noise levels would remain *within* the satisfactory range at a noise-sensitive land use).

On-Site Day Care and Outdoor Play Area

Because the day-care facility would be operating only during daytime hours, outdoor play area noise was compared to a threshold 5 dB greater than the daytime 12-hour L_{eq} noise level of 68.8 dBA $L_{eq}(12)$ at the nearest sensitive use (the Travelodge). Because a 5 dB increase above this noise level would be approximately 74 dBA L_{eq}, the threshold was applied to the assessment of outdoor play area noise at this receiver. Noise from the play area was also evaluated at the next-closest sensitive land uses, the Best Western hotel and the proposed multi-family residential development at 100 Produce Avenue and 124 Airport Boulevard. The 12-hour average ambient daytime noise levels in the vicinity of the Best Western hotel and the planned 100 Produce Avenue and 124 Airport Boulevard development were 65.8 dBA L_{eq} and 70.3 dBA L_{eq}, respectively. Therefore, estimated outdoor play area noise levels are compared to a noise limit of 71 and 75 dBA L_{eq}, respectively.

6.2.3 Ground-Borne Vibration Criteria

The previously cited Caltrans vibration criteria included in the *Transportation and Construction Vibration Guidance Manual* are routinely used to evaluate a variety of projects (not merely transit projects) proposed by local jurisdictions, as outlined below. That guidance is used in this analysis.

- Generation of continuous/frequent intermittent construction-related ground-borne vibration levels that exceed the modern industrial/commercial building damage standard (i.e., PPV of 0.5 in/sec) at off-site commercial/industrial buildings or exceed the “older residential structure” damage criterion (i.e., PPV of 0.3 in/sec) at nearby older residential structures.
- Generation of continuous/frequent intermittent construction-related ground-borne vibration levels that exceed the “strongly perceptible” level (i.e., PPV of 0.1 in/sec) at off-site sensitive receptors (e.g., residences, hotels/motels) during nighttime hours when people normally sleep.

6.3 Project Impacts

6.3.1 Noise Impacts

Construction Noise

Construction for the proposed project has the potential to generate noise that could exceed applicable noise thresholds at nearby sensitive uses. The proposed project would be constructed in eight phases (i.e., rough grading/site demolition, deep foundations, foundations, superstructure, building enclosure, interior buildout, sitework, startup/building commissioning/final inspections). Demolition and construction activities are anticipated to begin in March 2026 and be completed by May 2031, lasting approximately 62 months. Most construction activities would be expected to occur on the project site, with some limited work for a project driveway occurring southwest of the project site. As a result, most construction equipment would generally be operating no closer than 1,400 feet from the nearest single-family residences in San Bruno and 250 feet from the nearest hotel in South San Francisco (assuming equipment could operate anywhere on the project site). Estimated noise levels for individual construction equipment proposed for use with the project are shown in Table 6-2, based on the FHWA Roadway Construction Noise Model.

Table 6-2. Noise from Equipment Proposed for Project Construction (L_{eq})

Equipment Type	Noise at 25 Feet (L_{eq})
Drill rig	83
Crane	79
Excavator	83
Dozer	84
Scraper	86
Gradall	85
Concrete pump truck	80
Front-end loader/forklift	81
Welder	76
Man lift/scissor lift/glass manipulator	74

Source: Federal Highway Administration. 2006. *FHWA Roadway Construction Noise Model User's Guide*. FHWA-HEP-05-054. January. Available: https://www.fhwa.dot.gov/ENVIRonment/noise/construction_noise/rcnm/rcnm.pdf. Accessed: February 20, 2023.

Note: Noise levels are based on source noise levels and utilization factors from the FHWA Roadway Construction Noise Model.

Daytime Construction Noise

In South San Francisco, construction activities are allowed between 8:00 a.m. and 8:00 p.m. weekdays, 9:00 a.m. to 8:00 p.m. on Saturdays, and 10:00 a.m. to 6:00 p.m. on Sundays and holidays, provided they meet one of two noise limitations. Construction is allowed during the daytime hours specified on the permit if noise from each individual piece of equipment is limited to 90 dB at a distance of 25 feet or if combined construction noise does not exceed 90 dB at any point outside of the property plane of the project. Table 6-2 demonstrates that noise levels for each individual piece

of equipment proposed for the project would not exceed 90 dBA L_{eq} at a distance of 25 feet. For that reason, construction that takes place during daytime hours, as defined by the City Municipal Code, would not conflict with the City's construction noise regulations.

Combined construction noise is also assessed. To provide a reasonable worst-case analysis of potential combined noise levels from project construction, it was assumed that the three loudest pieces of equipment from each phase of construction would be operating simultaneously and close to one another anywhere on the project site (including at the project perimeter closest to sensitive uses). This ensures a conservative analysis because many construction phases (e.g., deep foundations, foundations, superstructure, building enclosure, interior buildout) would most likely be limited to the project building footprint, which is not adjacent to the project site perimeter, and therefore would be even farther from the nearest off-site sensitive uses.

A screening analysis was conducted to compare noise levels from the three loudest pieces of equipment proposed for use during each phase of construction to see which phase would produce the highest noise levels. These results are shown in Table 6-3. The screening analysis demonstrated that the rough grading/site demolition phase would be the loudest. This phase would include the use of two scrapers and a Gradall.

Table 6-3. Combined Noise Levels for Each Construction Phase at 50 Feet

Construction Phase	Average Composite Hourly Noise Level (L_{eq}) at 50 feet, dBA
Rough grading/site demolition	84
Deep foundations	83
Foundations	83
Superstructure	83
Building enclosure	83
Interior buildout	82
Site work	81
Startup/building commissioning/final inspection	76

Source: Construction assumptions were provided by the project sponsor. See Appendix A for modeling data. Modeling was conducted with the use of data from: Federal Highway Administration. 2006. *FHWA Roadway Construction Noise Model User's Guide*. FHWA-HEP-05-054. January. Available: https://www.fhwa.dot.gov/ENVIRonment/noise/construction_noise/rcnm/rcnm.pdf. Accessed: February 20, 2023.

At a reference distance of 50 feet, the combined noise level of two scrapers and a Gradall operating simultaneously and close to one another during rough grading and site demolition is estimated to be 84 dBA L_{eq}. Table 6-4 shows the anticipated worst-case combined noise levels from operation of these three pieces of equipment at the closest nearby noise-sensitive land uses. The closest noise-sensitive land uses in South San Francisco are the Travelodge and Best Western hotels east of US 101 and the planned residential development at 100 Produce Avenue and 124 Airport Boulevard. The Travelodge is approximately 250 feet from the project site, the Best Western is approximately 800 feet from the project site, and the planned multi-family residential development near Produce Avenue and Airport Boulevard is approximately 950 feet from the project site.

Table 6-4. Weekday Daytime Construction Noise Levels at nearby Land Uses for Rough Grading/Site Demolition

Receiver (distance from project site, feet)	Construction Phase	Average Construction Noise Level (L_{eq}), dBA	Average Daytime Ambient Noise Level (L_{eq}), dBA[a]	Increase over Daytime Ambient (L_{eq}), dBA
Travelodge (250 feet)	Rough Grading/Site Demolition	71	68.8[b]	2.2
Best Western (800 feet)		60	65.8[c]	-5.8
Planned 100 Produce Ave/124 Airport Blvd Development		59	70.3[d]	-11.3
Single-family residential (San Bruno, 1,100 feet)		58	74.1[e]	-16.1

Source: Appendix A.
Note: Combined construction noise levels from overlapping phases were also estimated, with nearly identical results. Because modeled construction noise from overlapping phases was comparable to modeled construction noise from individual phases, this analysis focuses on construction noise from individual phases. Refer to Appendix A for modeling files for overlapping construction phases.
a. Modeled noise levels for construction activities were compared to the average daytime ambient noise level (12-hour L_{eq}) measured between the hours of 8:00 a.m. and 8:00 p.m.
b. 12-hour L_{eq} was calculated from LT-5 data.
c. 12-hour L_{eq} was calculated from LT-2 data.
d. 12-hour L_{eq} was calculated from LT-4 data.
e. 12-hour L_{eq} was calculated from LT-3 data.

At a distance of 250 feet (i.e., at the nearby Travelodge), the rough grading/site demolition construction phase could result in a combined noise level of approximately 70 dBA L_{eq}. At the Best Western, located 800 feet from the project site, the noise level would be approximately 60 dBA L_{eq}. The 12-hour average ambient daytime noise levels in the vicinity of these two hotels were measured to be 68.8 and 65.8 dBA L_{eq}, as shown in Table 6-4. Combined construction noise levels are therefore anticipated to exceed the existing ambient noise level at the Travelodge by approximately 1 dBA. However, modeled construction noise would be approximately 6 dBA lower than the average ambient noise level during daytime hours at the Best Western.

Regarding the nearby proposed residential development at 100 Produce Avenue and 124 Airport Boulevard, approximately 950 feet north of the project site, the rough grading/site demolition construction phase could result in a combined noise level of approximately 59 dBA L_{eq} at this location. The measurement location that best represents this future noise-sensitive land use (LT-4) had a 12-hour daytime L_{eq} noise level of 70.3 dBA. Therefore, as shown in Table 6-4, combined construction noise levels would be approximately 11 dBA lower than the average ambient noise level during daytime hours at this location.

Although modeling demonstrates that construction noise at the nearby Travelodge may be approximately 1 dBA greater than the existing ambient noise level at this location, 1 dBA is below the threshold of perception for the average human ear, with a 3 dB change generally considered to be "barely perceptible." In addition, the increase would be temporary and intermittent, with construction lasting for 62 months. Furthermore, not all construction activities would occur at the perimeter of the project site closest to sensitive receptors. Some construction would occur at much greater distances as work moves throughout the project site. As described previously, project

construction noise during daytime hours would comply with the applicable City Municipal Code threshold (i.e., no piece of equipment proposed for project construction would produce a noise level that would exceed the 90 dB threshold at 25 feet). For these reasons, the daytime construction noise impacts on the nearest noise-sensitive land uses in South San Francisco would not be considered substantial.

The existing single-family residential land uses closest to the project site are in San Bruno. These would be approximately 1,100 feet southwest of the closest project construction area (i.e., the project driveway for access to Shaw Road); the residences would also be more than 1,570 feet southwest of the nearest project building. At a distance of 1,100 feet, noise from rough grading and demolition on the project site was modeled to be 58 dBA L_{eq}, without accounting for shielding and the associated attenuation from intervening buildings. Shielding from intervening buildings would further reduce this estimated noise level. The 12-hour average daytime ambient noise near the homes was approximately 74 dBA L_{eq}. Therefore, ambient noise at the nearest existing residences was an estimated 16 dBA higher than construction noise would be at these locations. When noise sources are more than 10 dBA different from one another, the combined noise level is equal to the louder noise level. Therefore, construction noise from the project site, as experienced at the nearby residences in San Bruno, would not be expected to be perceptible. Daytime construction noise impacts at the nearest single-family residential land uses would also not be considered substantial.

Non-Daytime Construction Noise

In addition to the daytime construction activities evaluated above, certain activities may be required to take place during nighttime and early-morning hours. These would include concrete pours, crane and/or large equipment (e.g., drill) work, and interior building work. Regarding concrete pours, there would be an estimated five mat slab pours, starting between 12:00 a.m. and 2:00 a.m., and 22 slab-on-metal-deck (SOMD) and slab-on-grade (SOG) pours, starting between 4:00 a.m. and 6:00 a.m. The project sponsor has stated that crane and drilling work may start as early as 5:00 a.m., with a total of 105 days for steel erection (i.e., crane work) and 40 days for drilling during early-morning hours. In addition, once the proposed building is constructed and enclosed, interior work may start before 8:00 a.m. However, this work would all take place internally and would not be expected to generate high noise levels outside. Noise from this activity was not quantitatively analyzed because it would generate less noise than the other analyzed phases. Nighttime and early-morning construction activities are evaluated below.

During non-daytime hours, project construction noise would not be compared to construction-specific daytime noise thresholds in South San Francisco. Rather, it would need to comply with the general City Municipal Code noise standards (included in Table 5-3) for South San Francisco. The City nighttime noise level standard for multi-family residential and transient lodging land uses (mixed-use/commercial land uses, according to Table 5-3) is 55 dBA between the hours of 10:00 p.m. and 7:00 a.m., unless the existing ambient noise level exceeds this criterion. According to the City Municipal Code, if measured ambient noise levels are higher than the standards, generated noise levels may exceed measured ambient noise levels by up to 5 dBA.

For purposes of the non-daytime construction noise analysis, the lowest 1-hour L_{eq} noise levels at the nearest sensitive uses are used to establish operational equipment noise thresholds because measured ambient noise levels would exceed the aforementioned standards. The lowest measured noise nighttime noise level at the nearest land use (Travelodge) was 63.3 dBA L_{eq}. The lowest

measured noise nighttime noise level at the Best Western was 58.7 dBA L_{eq}. The lowest measured nighttime noise level at the planned 100 Produce Avenue and 124 Airport Boulevard residential development was 65.0 dBA L_{eq}. Non-daytime construction noise may be up to 5 dB greater than the measured noise levels at these land uses, according to the City Municipal Code standards. Therefore, non-daytime construction noise was evaluated to determine if combined equipment noise would be expected to exceed approximately 68 dBA at the Travelodge, 64 dBA at the Best Western, or approximately 70 dBA at the planned 100 Produce Avenue and 124 Airport Boulevard residential development.

Modeling was conducted for nighttime and early-morning concrete pours, crane work/steel erection, and drilling. This analysis assumes that concrete pours could occur anywhere on the project site and that drilling and crane work could occur anywhere within or adjacent to the footprint of proposed project buildings or structures. Therefore, concrete pours and crane/drill work could occur as close as 250 and 295 feet, respectively, from the nearby Travelodge. Concrete pours and crane/drill work could occur as close as 800 and 820 feet, respectively, from the Best Western. Finally, concrete pours and crane/drill work could occur as close as 950 and 1,000 feet, respectively, from the planned 100 Produce Avenue and 124 Airport Boulevard development.

Modeling for early-morning and nighttime construction activities was conducted to estimate the combined noise level by activity at the nearby noise-sensitive land uses. Based on the construction equipment list provided by the project sponsor, early-morning or nighttime crane work could require the use of two cranes at one time. Similarly, early-morning drilling activities could involve the use of two drills simultaneously. Finally, early-morning concrete pours could involve the use of two concrete pumps near one another on the project site simultaneously.

Table 6-5 shows estimated noise levels for activities that may occur during nighttime or early-morning hours. As shown in this table, crane work (i.e., two cranes operating simultaneously) could result in an estimated noise level of approximately 61 dBA L_{eq} at the nearby Travelodge. Drilling activities (i.e., two drill rigs operating simultaneously) could result in an estimated noise level of approximately 65 dBA L_{eq} at the Travelodge. Concrete pours would result in an estimated noise level of 63 dBA L_{eq} at the hotel. These noise levels are all below the established non-daytime construction noise threshold of 68 dBA for this location (based on 5 dB above the existing ambient).

At the Best Western, crane work could result in an estimated noise level of approximately 52 dBA L_{eq}, drilling activities could result in an estimated noise level of approximately 56 dBA L_{eq}, and concrete pours could result in an estimated noise level of approximately 53 dBA L_{eq}. These noise levels are all below the established non-daytime construction noise threshold of 64 dBA for this location.

At the planned 100 Produce Avenue and 124 Airport Boulevard development, crane work could result in an estimated noise level of approximately 50 dBA L_{eq}, drilling activities could result in an estimated noise level of approximately 54 dBA L_{eq}, and concrete pours could result in an estimated noise level of approximately 51 dBA L_{eq}. These noise levels are all below the established non-daytime construction noise threshold of 70 dBA for this location.

Table 6-5. Non-Daytime Construction Noise Levels at nearest Sensitive Land Uses

Receiver	Distance (feet)	Non-Daytime Construction Activity	Construction Noise Levels (L_{eq}), dBA L_{eq}	Lowest Hourly Ambient Noise Level (L_{eq}), dBA[a]	Threshold Based on 5 dBA Increase over Ambient[a]	Exceeds Threshold?
Travelodge (South San Francisco)	250 (distance to project site)	Concrete pours – mat slabs	63	63.3	68	No
		Concrete pours – SOMD/SOG	63			No
	295 (distance to project building)	Drilling	65			No
		Crane work	61			No
Best Western (South San Francisco)	800 (distance to project site)	Concrete pours – mat slabs	53	58.7	64	No
		Concrete pours – SOMD/SOG	53			No
	820 (distance to project building)	Drilling	56			No
		Crane work	52			No
Residential (South San Francisco)	950 (distance to project site)	Concrete pours – mat slabs	51	65.0	70	No
		Concrete pours – SOMD/SOG	51			No
	1,000 (distance to project building)	Drilling	54			No
		Crane work	50			No
Residential (San Bruno)	1,100 (distance to project site)	Concrete pours – mat slabs	50	54.9	60	No
		Concrete pours – SOMD/SOG	50			No
	1,570 (distance to project building)	Drilling	50			No
		Crane work	46			No

Source: Appendix A.
The lowest ambient noise level is conservatively used to establish a baseline noise level. In South San Francisco, if existing noise exceeds the applicable noise threshold, a 5 dBA increase in noise over the existing noise level is allowed.

a. The noise threshold for construction noise at the Travelodge was based on the lowest hourly L_{eq} from LT-5. The noise threshold for construction noise at the Best Western was based on the lowest hourly L_{eq} from LT-2. The noise threshold for construction noise at the 100 Produce Avenue and 124 Airport Boulevard planned development was based on the lowest hourly L_{eq} from LT-4. The noise threshold for construction noise at residential land uses in San Bruno was based on the lowest hourly L_{eq} from LT-3, even though these land uses are outside of South San Francisco. The thresholds for South San Francisco are more stringent and therefore more protective of these uses during non-daytime hours.

Regarding the nearest existing single-family residences, which are approximately 1,100 feet from the nearest project construction area and approximately 1,570 feet from the footprint of the nearest project building in San Bruno, estimated noise levels at this location would be 46 dBA L_{eq} from crane work, 50 dBA L_{eq} from drilling work, and 50 dBA L_{eq} from concrete pours, as shown in Table 6-5. The lowest hourly ambient noise level near these residences would be 54.9 dBA L_{eq} during nighttime and early-morning hours. In addition, numerous buildings are located between the project site and the residences, which would greatly reduce the level of construction noise at these locations. Because estimated noise from project construction activities would be below the measured existing noise level and construction noise would be further reduced by intervening buildings, construction noise impacts at the nearest residences in San Bruno would not be considered substantial.

As demonstrated in this analysis, noise from limited early-morning and nighttime construction would not be expected to exceed the applicable thresholds.

Construction Traffic Noise

Demolition and construction activities would require the use of haul trucks to remove debris and excavated materials. To ensure a conservative analysis, haul truck noise modeling was conducted using the worst-case maximum number of haul truck trips on a given day. Specifically, based on information provided, up to 550 one-way truck trips may be made to or from the site on a worst-case day. Note that a smaller number of haul truck trips would take place on most construction days. In addition, no other site deliveries (e.g., vendor drop-offs) would occur while worst-case hauling activities would take place. Therefore, modeling for haul truck noise is based on a maximum of 550 one-way trips on a worst-case day.

Neither the municipal code nor the General Plan includes specific thresholds pertaining to construction haul truck noise. Therefore, anticipated worst-case daily haul truck noise was assessed to determine if a 3 dB increase over ambient noise levels, which is considered to be "barely perceptible," would occur.

The project sponsor identified two northbound and two southbound haul routes, depending on which end of the project site the trucks are accessing. Trucks would exit the site from the north side of the project site via Terminal Court. At Produce Avenue, trucks would turn right to access southbound US 101 or turn left and follow Produce Drive north before turning right onto South Airport Boulevard. Trucks would stay on South Airport Boulevard as it continues south, then make one more right turn before accessing the US 101 northbound ramp. Haul trucks leaving the south end of the project site would use the proposed project driveway to access Shaw Road and San Mateo Avenue west of the project site. Trucks would travel north to the point where San Mateo Avenue intersects Produce Avenue/Airport Boulevard. To access southbound US 101, haul trucks would turn right on Produce Avenue and continue to the entrance ramp. Trucks headed northbound would turn left at San Mateo Avenue onto Airport Boulevard and access the northbound US 101 ramp near Grand Avenue. Trucks would use these same routes to return to the project site.

Daily turn movements and vehicle-mix percentages provided by Fehr & Peers were used to model existing traffic noise along the haul truck routes. In addition, traffic noise modeling was completed for an existing-plus-haul-truck condition by adding the worst-case daily haul truck volumes to the existing daily traffic volumes along roadway segments where hauling would occur. This would be a worst-case existing-plus-haul-truck condition because it would be based on the predicted worst-case daily haul truck volumes.

Traffic noise modeling for the existing and existing-plus-haul-truck scenarios was conducted using a spreadsheet that was based on the FHWA Traffic Noise Model, version 2.5. Modeled noise levels were then compared to determine if a project-related increase in haul truck noise of 3 dB or more would occur along any evaluated segment. Table 6-6 shows the modeled traffic noise levels under both conditions for roadway segments where hauling would occur.

Although project haul trucks were modeled to result in a traffic noise increase of more than 3 dB along some roadway segments (with the largest modeled increase being 10.7 dB over existing conditions), the measured CNEL noise level along these roadway segments is also considered. As an example, along the roadway segment where a 10.7 dB increase was modeled to occur (i.e., Terminal Court west of the Produce Avenue/US 101 southbound on-ramp), resulting in a modeled existing-plus-haul-truck noise level of 64.5 dBA CNEL, the measured noise level was 75.2 dBA CNEL.[16] Therefore, measured noise levels were actually greater than the modeled existing-plus-haul-truck noise level. Existing ambient noise levels along this segment are such that the addition of haul trucks would not result in a meaningful increase in the overall ambient noise level.

As shown in Table 6-6, measured noise levels along all roadway segments where a haul truck–related noise increase of 3 dB or more was modeled to occur actually exceeded modeled existing-plus-haul-truck noise levels. As a result, existing ambient noise levels from other sources (e.g., US 101 noise) would mask haul truck–related noise increases along these roadway segments. In addition, most of the roadways where hauling would occur are surrounded by commercial and industrial land uses, which are not considered to be noise sensitive. For example, San Mateo Avenue (where a 4 dB increase was modeled to occur from haul trucks north of South Linden Avenue) is lined with various commercial and industrial land uses. Ambient noise along this corridor was measured to be 77.4 dBA CNEL.[17] Although there are hotel land uses along some haul route segments, measured ambient noise was greater than the modeled existing-plus-haul-truck noise level along roadway segments where a 3 dB increase (or greater) was modeled to occur. As a result, actual noise increases from haul trucks would not be considered substantial at these locations.

In conclusion, although existing-plus-haul-truck noise levels were modeled to exceed existing traffic noise levels by 3 dB or more along several roadway segments, all of these segments have measured noise levels greater than the modeled existing-plus-haul-truck noise levels. Noise increases from project haul truck activity along haul routes would not be considered substantial.

Summary of Construction Noise Impact Conclusions

Based on the construction noise modeling results, estimated noise levels for both daytime and non-daytime (i.e., early-morning and nighttime) construction activities would be below the applicable significance thresholds. In addition, construction haul truck noise impacts would not be expected to result in a 3 dB increase in noise along evaluated roadway segments. Therefore, daytime and non-daytime construction noise impacts on sensitive uses in South San Francisco would not be considered substantial.

[16] LT-4 (75.2 dBA CNEL).
[17] Compared to LT-1 (77.4 dBA CNEL).

Project Operation

Stationary Noise Sources

Mechanical Equipment Noise

Although general information regarding project heating, cooling, and ventilation equipment, as well as other operational mechanical equipment for the project, is available, final equipment makes and models have not been selected. The proposed locations for project equipment are also not final. However, it is known that project mechanical equipment would include multiple air handling units, air-source heat pumps, make-up air units, chillers, split-system air-conditioners, direct outside air systems, cooling towers, electric water boilers, pumps, and fans.

In general, air handling units, standard heating and cooling package units, and split-system air-conditioners can produce sound levels in the range of about 70 to 75 dBA at 50 feet, depending on the size of the unit.[18] With regard to cooling towers, a typical 100-horsepower, propeller-driven cooling tower generates a noise level of approximately 74 dBA at 50 feet. Depending on cooling capacity, a chiller generates a sound power level of 97 to 103 dBA, which equates to a noise level of 65 to 71 dBA at 50 feet.[19] A typical boiler generates a sound power level in the range of 96 to 99 dBA,[20] which equates to a noise level of 64 to 67 dBA at 50 feet. Pumps generate noise levels at 50 feet of approximately 81 dBA, and exhaust/ventilation fans generate noise levels at 50 feet of approximately 79 dBA.[21]

Although the exact makes, models, sizes, and locations for the proposed mechanical equipment are not known at this time, an example case of combined noise levels was modeled, based on the equipment information available at the time. The analysis evaluated combined noise from a select number of units that could be installed under the project. It conservatively assumed that all modeled pieces of equipment in each building would be located relatively close to one another. Although more equipment than evaluated could be installed under the project, overall noise levels would be generally dominated by the closest and loudest equipment. In addition, equipment located farther from the edge of the project roof would be somewhat blocked by equipment located closer to the roof, resulting in noise attenuation. Finally, the edge of the roof itself would also reduce equipment noise experienced by noise-sensitive uses located closer to the ground level of the approximately 114-foot-tall project building. As a result, the example analysis provides a reasonable estimate of combined noise levels from project equipment experienced at the nearest sensitive uses.

According to the project sponsor, boilers and pumps would be located inside buildings. As a result, because walls would somewhat reduce noise, an estimated 10 dB reduction in the noise level is assumed in the model for these types of equipment. In addition, all rooftop equipment would be located behind a solid screen. As a result, noise reduction of approximately 5 dB was assumed for equipment located behind a mechanical screen in the model.

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18 Hoover and Keith. 2000. *Noise Control for Buildings, Manufacturing Plants, Equipment, and Products*. Houston, TX.
19 Ibid.
20 Ibid.
21 Federal Highway Administration. 2006. *Roadway Construction Noise Model User Guide.*

Table 6-6. Haul Truck Traffic Noise Analysis

Roadway	Segment	dBA CNEL, at 50 feet		Modeled Delta dBA	Measured Noise if 3 dBA Increase Modeled	Modeled Existing-plus-Haul-Truck Noise Level Exceeds Measured?	Significant Impact?
		Existing Noise Levels	Existing-plus-Haul-Truck Noise Levels				
Airport Boulevard	North of San Mateo Avenue/South Airport Boulevard	66.9	68.0	1.1	N/A	No	No
Produce Avenue	North of Terminal Court	68.5	69.5	1.0	N/A	No	No
Produce Avenue	North of US 101 SB off-ramp	69.6	70.6	1.0	N/A	No	No
Produce Avenue	South of San Mateo Avenue/South Airport Boulevard	69.5	70.4	1.0	N/A	No	No
Produce Avenue	South of US 101 SB off-ramp	68.5	69.5	1.0	N/A	No	No
San Mateo Avenue	North of South Linden Avenue	**60.6**	**64.9**	**4.3**	**77.4[a]**	No	No
San Mateo Avenue	North of Tanforan Avenue/Shaw Road	**61.9**	**64.9**	**3.1**	**77.4[a]**	No	No
San Mateo Avenue	South of South Linden Avenue	**61.9**	**64.9**	**3.1**	**77.4[a]**	No	No
San Mateo Avenue	West of Airport Boulevard/Produce Avenue	**62.6**	**65.6**	**3.0**	**77.4[b]**	No	No
Shaw Road	East of San Mateo Avenue	**56.7**	**63.8**	**7.1**	**77.4[c]**	No	No
South Airport Boulevard	East of Airport Boulevard/Produce Avenue	66.0	67.3	1.3	N/A	No	No
South Airport Boulevard	North of US 101 NB on- and off-ramp/Wondercolor Lane	65.8	67.2	1.3	N/A	No	No
South Airport Boulevard	South of South Airport Boulevard/Mitchell Avenue	65.6	66.9	1.3	N/A	No	No
South Airport Boulevard	West of South Airport Boulevard/Gateway Boulevard	66.0	67.3	1.3	N/A	No	No
Terminal Court	West of Produce Avenue/US 101 SB on-ramp	**53.8**	**64.5**	**10.7**	**75.2[d]**	No	No
US 101 NB on- and off-ramp	West of South Airport Boulevard	65.6	67.8	2.3	N/A	No	No
US 101 SB off-ramp	East of Produce Avenue	**61.2**	**66.8**	**5.7**	**75.2[e]**	No	No
US 101 SB on-ramp	South of Terminal Court	72.2	73.0	0.8	N/A	No	No

a. Measured ambient noise level near this segment is 12.5 dB higher than modeled existing-plus-haul-truck results (LT-1, 77.4 dBA CNEL).
b. Measured ambient noise level near this segment is 11.8 dB higher than modeled existing-plus-haul-truck results (LT-1, 77.4 dBA CNEL).
c. Measured ambient noise level near this segment is 13.6 dB higher than modeled existing-plus-haul-truck results (LT-1, 77.4 dBA CNEL).
d. Measured ambient noise level near this segment is 10.7 dB higher than modeled existing-plus-haul-truck results (LT-5, 73.5 dBA CNEL).
e. Measured ambient noise level near this segment is 8.4 dB higher than modeled existing-plus-haul-truck results (LT-4, 75.2 dBA CNEL).
Bold text denotes modeled 3 dB or greater increase attributable to project haul trucks.
NB = northbound; SB = southbound

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As described in the Methodology section, operational equipment noise was evaluated to determine if combined equipment noise would be expected to exceed approximately 68 dBA at the Travelodge or approximately 64 dBA at the Best Western, based on a 5 dB allowable increase over the lowest recorded hourly ambient noise level. In addition, an evaluation is conducted to determine if combined equipment noise would be expected to exceed 70 dBA at the planned residential development at 100 Produce Avenue and 124 Airport Boulevard. Equipment noise experienced at the residences in San Bruno was evaluated to determine if it would exceed approximately 65 dBA L_{eq}, which would constitute a 10 dB increase over the lowest recorded hourly ambient noise level at that location. Note that using the lowest recorded hourly noise level (which occurred during nighttime hours) to establish the operational equipment threshold is conservative because more of the equipment would be operating during daytime hours (i.e., air-conditioning equipment) than during nighttime hours. In addition, most project buildings would be six stories tall, with an estimated height of 114 feet. The Travelodge is one or two stories and an estimated 15 to 30 feet in height. Therefore, the edge of the project roof for the project buildings where most mechanical equipment would be located (I131N and I131 S) would be expected to block the line of sight between most mechanical equipment and this nearby hotel, resulting in a reduction in mechanical equipment noise. However, to ensure a conservative analysis, a quantitative reduction in noise was not applied for this shielding.

Combined noise levels from two boilers (in an equipment room), two chillers, two cooling towers, four pumps (in an equipment room), two air handlers or direct outside air system (DOAS) units, and two exhaust fans would result in an estimated noise level of 81.5 dBA L_{eq} at a standard distance of 50 feet. At the nearby Travelodge, approximately 295 feet from the closest project building, without accounting for the height difference between the rooftop equipment and the hotel, the noise level would be approximately 66.2 dBA L_{eq}. At the Best Western, approximately 820 feet from the nearest project building, the estimated combined equipment noise level would be reduced to 57.3 dBA L_{eq} in the example case described above. At the planned residential development at 100 Produce Avenue and 124 Airport Boulevard, located more than 950 feet from the nearest project building, the noise level would be approximately 56.0 dBA L_{eq}. Refer to Table 6-7 for a summary of the equipment noise modeling for this example case.

For the reasons described above, and based on the modeling results shown in Table 6-7, it is unlikely that combined mechanical equipment noise would result in a 5 dB increase over the existing ambient noise level at the nearby land uses. Specifically, modeled noise levels would not exceed the established 68 dBA L_{eq} standard at the Travelodge, the 64 dBA L_{eq} standard at the Best Western, or the 70 dBA L_{eq} standard at the planned residential development at 100 Produce Avenue and 124 Airport Boulevard (based on a 5 dB allowable increase over the lowest recorded hourly ambient noise level).

Regarding noise impacts on residences in San Bruno, which are approximately 1,100 feet from the nearest portion of the project site but 1,570 feet southwest of the nearest project building (where mechanical equipment would be installed), noise from the example case above would be reduced to approximately 51.7 dBA L_{eq}. It would be reduced further by the edge of the roof where the equipment would be located and the presence of intervening buildings between the project site and the residences. In addition, this noise level would be well below the conservatively established 65 dBA noise limit for this location (based on the lowest hourly L_{eq} recorded). For these reasons, noise from project mechanical equipment would not be expected to result in noise in excess of the thresholds at the residential land uses in San Bruno, which would be 1,570 feet from the closest project building.

Table 6-7. Example Combined Mechanical Equipment Noise

Type of Equipment	dBA L_{eq} Noise at 50 Feet (assuming 100% utilization)	Number of Pieces of Equipment Assumed	Combined Noise Level	Attenuated Noise[a]	Source for Estimated Equipment Noise
Boiler	67	2	70	60	H&K
Chiller	71	2	74	69	H&K
Cooling tower	74	2	77	72	H&K
Pump	81	4	87	77	FHWA
Air handling unit	75	2	78	73	H&K
Exhaust fan	79	2	82	77	FHWA
Combined Equipment Noise at 50 feet				**81.6**	
Combined Equipment Noise at 295 feet (Travelodge)				**66.2**	
Combined Equipment Noise at 820 feet (Best Western)				**57.3**	
Combined Equipment Noise at 950 feet (100 Produce Avenue/124 Airport Boulevard)				**56.0**	
Combined Equipment Noise at 1,570 feet (San Bruno Residences)				**51.7**	

Sources:
Hoover and Keith. 2000. *Noise Control for Buildings, Manufacturing Plants, Equipment, and Products*. Houston, TX.
Federal Highway Administration. 2006. *FHWA Roadway Construction Noise Model User's Guide*. FHWA-HEP-05-054. January. Available: https://www.fhwa.dot.gov/ENVIRonment/noise/construction_noise/rcnm/rcnm.pdf. Accessed: February 17, 2023.

a. Assumes 10 dB of attenuation if equipment is internal to the building and 5 dB of reduction if equipment is behind a solid screen.

H&K = Hoover and Keith

Although modeled equipment noise levels would be below the applicable thresholds at nearby sensitive uses, the final equipment has not yet been selected. In addition, should more equipment be operational simultaneously than assumed in the example analysis included above, actual noise levels may be louder than the combined noise levels presented previously. Therefore, actual mechanical equipment noise levels could differ from, and be greater than, the levels cited above. However, General Plan policies and actions would ensure that noise from rooftop mechanical equipment would be in compliance with applicable thresholds. Specifically, Action NOI-1.1.5 from the General Plan requires all new developments that are considered to be noise generators to control noise at the source through their site designs, building designs, and other techniques. Although City Municipal Code noise standards still reflect the previous land use designation terminology, the standards are applied to comparable land uses under the current General Plan, according to the City. Therefore, with respect to project mechanical equipment, compliance with the noise standards in Table 8.32.030 from the current City Municipal Code (or comparable, once the Action NOI 1.2.1, Update Municipal Code, section related to the noise ordinance is implemented) would be demonstrated prior to the issuance of building permits and once the final makes, models, sizes, and locations have been determined. For these reasons, noise impacts from project mechanical equipment would not be considered substantial.

Emergency Generator Noise

Emergency generators included in the project could result in the generation of audible noise during testing. Generator testing for the project would be conducted on a monthly basis for 30 minutes on weekends or during non-business hours but never after 10:00 p.m. (when noise standards become more stringent). Noise from the operation of generators during an emergency is typically exempt from local ordinances. However, even though the testing of emergency generators is a short-term process (i.e., less than 1 hour) and intermittent (usually once or twice per month), noise resulting from generator testing must comply with local noise limits for operational equipment noise.

The project sponsor has specified that the project would involve the installation of twenty-four 500 kW emergency generators. Six of the generators would be located at grade inside I131N in a separate generator room. The remaining 18 generators would be at grade in the outdoor service yards around the project site. Specifically, six generators would be located outside I131N, eight generators would be located outside the I131S A and buildings, and four generators would be located outside the I131S C building.

Although the final makes and models of the generators have not been selected, specification data for a similar generator can be used to estimate generator noise. Based on the example generator specification data, a 500 kW generator (Cummins 500DFEK)[22, 23] could produce an unattenuated noise level of 101.5 dBA at 50 feet, including both engine and exhaust noise.

The City Municipal Code establishes daytime (7:00 a.m. to 10:00 p.m.) and nighttime (10:00 p.m. to 7:00 a.m.) noise limits, based on the receiving land use, that can be applied to stationary equipment noise generated in the city (as presented in Table 5-3). As described in the Methodology section, if measured ambient noise levels are higher than the standards, the allowable noise level is instead the ambient noise levels plus 5 dB. For purposes of the generator noise analysis, and because generator testing would take place during daytime hours, generator noise would be limited to 5 dB above the 12-hour average daytime L_{eq} at the nearest sensitive land uses. The nearest sensitive land use (the focus of this analysis) is the Travelodge hotel, which had a measured daytime 12-hour L_{eq} noise level of 68.8 dBA; the adjusted noise limit would therefore be 5 dB above this noise level, or approximately 74 dBA L_{eq}.

Note that specific details about generator shielding and the precise attenuation features for the project generators are not known with certainty at this time. It is expected that six of the generators would be located indoors, and the remaining generators outdoors would be located in service yards with acoustic enclosures. These features would be expected reduce some of the noise from generator engines but would be unlikely to greatly reduce noise from exhaust, which is typically piped out of a building/generator enclosure. Exhaust noise usually dominates overall generator noise levels. Note that all walls must be solid to result in meaningful attenuation from shielding, with no gaps or open louvers. Although it is expected that the generator room and enclosures would result in some noise reduction, the precise noise reduction (in dB) cannot be estimated at this time. Because the type and sound rating of future shielding or exhaust mufflers is unknown, this analysis is conservatively based on unattenuated generator noise levels.

[22] Cummins, Inc. 2019. *Cummins Power Generation.* Sound Data, 500DFEK. October.

[23] Choice based on specification data provided by the project sponsor.

General locations for the proposed generators have been identified by the project sponsor. The nearest sensitive land use to all four generator locations (i.e., the generator room and the service yard locations) is the Travelodge, which is on the east side of US 101. This hotel is approximately 340 feet from the closest proposed generators (i.e., the six 500 kW generators located outside the I131N B building), approximately 410 feet from the six generators internal to the I131N A building, 770 feet from the four generators outside the I131S C building, and approximately 1,030 feet from the eight generators outside the I131S A and B buildings. At these distances, unattenuated noise from the testing of each of the twenty-four 500 kW generators located throughout the site, noting only one would be tested at a given time, is estimated to be between 93.2 dBA L_{eq} (for the closest generators) and 88.4 dBA L_{eq} (for the farthest generators). Therefore, unattenuated generator noise levels from the testing of all proposed generators would most likely exceed the City noise level standard of 5 dB over the ambient noise level of 68.8 dBA, or approximately 74 dBA L_{eq}. Because noise levels during testing of all generators may exceed the existing ambient noise level at the nearby hotel by 5 dB or more, noise effects at the nearby hotel land use in South San Francisco from generator testing would be considered substantial.

With respect to noise levels from generator testing at other nearby sensitive land uses in South San Francisco, the Best Western and the planned 100 Produce Avenue and 124 Airport Boulevard development would be farther from the nearest generators compared with the Travelodge. Specifically, the Best Western would be at least 810 feet from any generator service yard, and the planned 100 Produce Avenue and 124 Airport Boulevard development would be at least 1,100 feet from the nearest generator set (i.e., inside the I131N A building). At these distances, unattenuated noise from a 500 kW generator would be approximately 89.4 and 88.5 dBA L_{eq}, respectively. The 12-hour average ambient daytime noise levels in the vicinity of the Best Western hotel and the planned 100 Produce Avenue and 124 Airport Boulevard development were 65.8 dBA L_{eq} and 70.3 dBA L_{eq}, respectively. Therefore, modeled generator noise levels of 89 to 90 dBA L_{eq} at these locations would be more than 5 dB above the existing ambient noise level. Noise effects at the nearby Best Western hotel and planned 100 Produce Avenue and 124 Airport Boulevard development in South San Francisco from generator testing would also be considered substantial.

Regarding noise effects in San Bruno on existing residential land uses, San Bruno noise standards allow for a 20 dB increase over ambient conditions during daytime hours for noise that occurs for no more than 30 minutes in 1 hour. Although generator testing would not take place in San Bruno, and therefore would not be required to comply with the noise limits of the San Bruno Municipal Code, generator noise experienced at the nearest sensitive uses in San Bruno was evaluated to determine if substantial noise increases would occur. As described in the Methodology section, generator noise was evaluated to determine if a 20 dB increase in ambient noise would occur at residences in San Bruno, based on the noise guidance from that jurisdiction. The average ambient daytime (12-hour) noise level measured during daytime hours (7:00 a.m. to 10:00 p.m.) near the homes was 74.1 dBA L_{eq}. Therefore, if generator testing noise were to exceed 94.1 dBA at these homes, noise effects would be substantial.

The closest generators to the residential land uses in San Bruno would be the eight 500 kW generators outside the I131S A and B buildings, which would be at least 1,520 feet away. At that distance, generator testing noise from the proposed 500 kW generators is estimated to be 86.7 dBA L_{eq}. For generators in the service yards, which are farther away, and within the I131N A building, noise levels from testing would be reduced . As mentioned previously, these noise levels

do not account for attenuation from intervening buildings, which would further reduce noise. Because estimated noise levels from generator testing would be below the allowable limits at the residences in San Bruno, generator noise in San Bruno would not be considered substantial.

Although modeled noise levels from temporary and intermittent generator testing could exceed the applicable thresholds, no attenuation is accounted for in this model. Attenuation measures would be evaluated and included in the generator design prior to installation in order to comply with applicable General Plan policies and actions. Compliance with General Plan policies and actions would ensure that noise from generator testing would not be substantial. Specifically, Action NOI-1.1.5 from the General Plan requires all new developments that are considered to be noise generators to control noise at the source through their site designs, building designs, and other techniques. Although City Municipal Code noise standards still reflect previous land use designation terminology, the standards are applied to the comparable land uses under the current General Plan, according to the City. Therefore, project emergency generator compliance with the noise standards in Table 8.32.030 from the current City Municipal Code (or comparable, once the Action NOI 1.2.1, Update Municipal Code, section related to the noise ordinance is implemented) would be demonstrated prior to issuance of building permits once the final makes, models, sizes, and locations of the generators have been determined. For these reasons, noise effects from project mechanical equipment on nearby sensitive uses would not be considered substantial.

Loading Dock Noise

Four loading dock areas are proposed for the project, two at each end of the project site. Each interior loading area would be designed to serve two WB-40 intermediate semi-trailers as well as smaller delivery vehicles. Per information received from the project sponsor, a maximum of 20 deliveries would be made to the site on a worst-case day. The nearest sensitive land use to all four loading docks would be the Travelodge. This hotel could be as close as 310 and 420 feet from the north loading docks and approximately 800 and 920 feet from the south loading docks. Although there could be direct line of sight between the north loading dock and the Travelodge (across US 101), the temporary loading and unloading activities associated with the project would be short term and intermittent throughout the day (with a maximum of 20 deliveries expected on a given day), occurring only during daytime hours when people are less sensitive to noise. In addition, loading and unloading activities already occur at the existing commercial and industrial uses on the site; therefore, project implementation would not result in an increase in this type of activity at the site. Furthermore, US 101, which generates high levels of traffic noise, is located between the project loading docks and the nearby hotels. For these reasons, impacts from temporary and short-term increases in noise from project loading dock activity would not be considered substantial.

Operational Traffic Noise – Direct Impact Evaluation

Once operational, the project would result in an increase in traffic in the vicinity of the project site. Project-specific traffic data, including daily turning movements, speed limits, and existing vehicle-mix assumptions (i.e., the proportion of automobiles, trucks, buses, and other vehicles) were provided by the project traffic engineer (Fehr & Peers). Additional posted speeds were determined using Google Street View, as needed. Daily turning movements were converted to ADT volumes for existing, existing-with-project, future, and future-with-project conditions (note

that the future scenarios are evaluated separately below). To evaluate direct traffic noise impacts associated with the project, modeling was conducted for existing and existing-with-project conditions to estimate traffic noise increases resulting from project implementation along roadway segments in the project vicinity.

When assessing traffic noise impacts, the following thresholds are applied to determine the significance of project-related traffic noise increases:

1. An increase of more than 5 dB is considered a significant traffic noise increase, regardless of the modeled existing noise level, and
2. In places where the existing or resulting noise environment exceeds the land use compatibility standards and/or allowable noise level for the adjacent land uses (e.g., existing or existing-with-project noise levels are greater than 65 dBA for sensitive land uses), any noise increase greater than 3 dB is considered a significant traffic noise increase.

The General Plan Land Use/Noise Compatibility Matrix (Table 5-5, above) outlines acceptable CNEL noise levels for various land uses in the city. Prior to completing the quantitative traffic noise modeling, an initial screening analysis was conducted to determine which roadway segments would experience a 10 percent increase (or greater) in vehicle traffic resulting from project implementation. A 10 percent increase in traffic volumes would typically result in a 0.4 dB increase in traffic noise, which is much smaller than the 3 and 5 dB increase thresholds mentioned above. Therefore, these roadways need not be quantitatively modeled to confirm a 3 dB or greater increase would not occur.

Traffic noise modeling along segments with at least a 10 percent increase in volumes attributable to the project was conducted using a spreadsheet that was based on the FHWA Traffic Noise Model, version 2.5, as described in the Methodology subsection of this report. Traffic noise was evaluated in terms of how project-related traffic noise increases could affect existing noise-sensitive land uses in the project area. Refer to Table 6-8 for a summary of the quantitative traffic noise modeling results for existing and existing-with-project conditions on all segments with a 10 percent, or greater, increase in traffic attributable to the project.

One of the modeled roadway segments, the project driveway north of Shaw Road, does not currently exist; therefore, modeled with-project traffic noise cannot be compared to existing noise conditions. The existing-with-project noise level along this segment was modeled to be 59.4 dBA CNEL. It should be noted that all surrounding land uses along this segment are commercial and industrial, which are not considered to be noise sensitive. Therefore, although project-related traffic noise increases along this segment cannot be quantified, significant traffic noise impacts would not occur.

Two roadway segments were modeled to potentially result in a 3 dB or greater increase in traffic noise as a result of project implementation. Specifically, Shaw Road east of San Mateo Avenue and Terminal Court west of the Produce Avenue/US 101 southbound on-ramp were modeled to have a project-related 4.9 and 7.2 dB increase in traffic noise, respectively. Note that the traffic noise evaluation above is based on modeled traffic noise levels only. Some roadway segments may be influenced by traffic noise from adjacent roads and other noise sources, which is not accounted for in the individual segment traffic noise modeling results presented above. Because the modeling approach assumes that each roadway is isolated and not affected by surrounding roads, modeled noise levels can sometimes be lower than actual noise levels in a given area.

Table 6-8. Modeled Traffic Noise Levels for Segments with a 10% Project Increase or Greater

Roadway	Segment Location	Modeled Existing Conditions (dBA CNEL)	Modeled Existing-with-Project Conditions (dBA CNEL)	Change (dB)	3 dB Increase or Greater?
Produce Avenue	North of Terminal Court	68.5	69.6	1.1	No
Produce Avenue	North of US 101 SB off-ramp	69.6	70.4	0.8	No
Produce Avenue	South of San Mateo Avenue/South Airport Boulevard	69.5	70.3	0.9	No
Produce Avenue	South of US 101 SB off-ramp	68.5	69.5	1.1	No
Project Driveway	North of Shaw Road	67.7[a]	59.4	-7.7	No
San Mateo Avenue	North of South Linden Avenue	61.7	62.2	0.6	No
San Mateo Avenue	North of Tanforan Avenue/ Shaw Road	61.9	62.4	0.5	No
San Mateo Avenue	South of Tanforan Avenue/Shaw Road	61.0	61.8	0.8	No
Shaw Road	**East of San Mateo Avenue[b]**	**56.7**	**61.6**	**4.9**	**Yes**
South Linden Avenue	South of San Mateo Avenue	58.6	59.5	0.9	No
South Linden Avenue	West of San Mateo Avenue	58.4	59.4	1.0	No
Terminal Court	**West of Produce Avenue/US 101 SB on-ramp**	**53.8**	**61.0**	**7.2**	**Yes**
US 101 SB off-ramp	East of Produce Avenue	61.2	62.1	0.9	No
US 101 SB on-ramp	South of Terminal Court	72.2	72.8	0.6	No

Refer to Appendix A for the complete traffic noise modeling results.

Note: Modeled noise levels at a fixed distance of 50 feet from the roadway centerline.

Bold text denotes segments with a 3 dB or greater project-related increase in noise.

a. The project driveway does not currently exist. Therefore, measured existing ambient noise levels were used to calculate a proxy CNEL noise level near this segment. Note that adjacent land uses along this segment are not considered to be noise sensitive (adjacent uses are commercial and industrial).

b. Shaw Road east of San Mateo Avenue is theoretically the same as Shaw Road west of the project driveway. However, the data provided by the project traffic engineers (Fehr & Peers) were slightly different along these two segments, most likely due to some vehicles using private driveways along these segments. Refer to Appendix A for the modeled traffic noise results for Shaw Road west of the project driveway.

NB = northbound; SB = southbound

In order to assess if modeled increases would actually constitute significant traffic noise impacts, as discussed in the Methodology section, it is important to consider measured existing noise levels in certain areas in conjunction with modeled traffic noise levels. This is particularly true in areas where the roadway segment evaluated is not the dominating noise source in the area (e.g., where noise from a nearby highway may dominate). The existing-with-project traffic noise levels for the segments where a potentially significant impact was identified during modeling were compared to nearby measured ambient noise levels.

As shown in Table 6-8, the modeled existing and existing-with-project traffic noise levels on Shaw Road east of San Mateo Avenue were 56.7 dBA CNEL and 61.6 dBA CNEL, respectively (as shown in Table 6-8). The measured ambient noise level near this segment (represented by LT-1 along San Mateo Avenue) was 77.4 dBA CNEL. Therefore, the measured existing noise level near this segment is already almost 16 dBA higher than the modeled existing-with-project traffic noise level.

Regarding the segment of Terminal Court west of the Produce Avenue/US 101 southbound on-ramp, the modeled existing and existing-with-project traffic noise levels were 53.8 dBA CNEL and 61.0 dBA CNEL, respectively (as shown in Table 6-8). The measured ambient noise near Terminal Court west of the Produce Avenue/US 101 southbound on-ramp (represented by LT-4) was measured to be 75.2 dBA CNEL. Therefore, measured existing noise levels along this segment are already about 14 dBA higher than the modeled existing-with-project traffic noise level as a result of nearby US 101 traffic. Refer to Table 6-9 for a comparison of the modeled and measured noise levels along the potentially affected roadway segments identified above.

As shown in Table 6-9, measured ambient noise along the two segments (i.e., Shaw Road and Terminal Court) are substantially greater than the modeled existing and existing-with-project traffic noise levels because of the proximity of Shaw Road to industrial land uses and the relatively busy San Mateo Avenue as well as the proximity of Terminal Court to US 101. When adding decibels, if the difference between two noise sources is 10 dBA or more, the higher noise source will dominate, and the resultant noise level will be equal to the noise level of the higher noise source. Therefore, because measured existing ambient noise levels are 14 to 16 dB higher than modeled existing-with-project noise levels, the project-related traffic increase would not result in a perceptible increase in noise along these roadway segments. Project-related traffic noise impacts along these segments, and along all other evaluated segments (as discussed above and shown in Table 6-8), would not be considered substantial.

Operational Traffic Noise – Cumulative Impact Evaluation

To evaluate potential cumulative traffic noise impacts in the project area, traffic volumes from the existing scenario were compared to the future-with-project scenario. A cumulative traffic noise impact would occur at a noise-sensitive land use if a 3 dB increase in noise would occur in areas where existing and resulting noise levels are above the applicable land use compatibility standard or if a 5 dB increase in noise would occur in areas where existing and resulting noise levels are below the applicable land use compatibility standard. To provide a conservative assessment, the initial screening analysis evaluated a 3 dB increase along all segments. If a 3 dB increase was shown to occur, then further evaluation was done to determine if a cumulative impact would indeed occur (e.g., by confirming the presence of noise-sensitive land uses or by comparing to existing measured noise levels if they are higher than modeled noise levels). Subsequently, the proposed project's contribution to a cumulative impact is assessed by determining if the project contribution would be cumulatively considerable (i.e., if it would contribute 1 dB or more to the overall increase).

Table 6-9. Detailed Evaluation for Segments with a Modeled 3 dB Project-Related Traffic Noise Increase

Roadway	Segment Location	Modeled Existing Conditions (dBA CNEL)	Modeled Existing-with-Project Conditions (dBA CNEL)	Increase in Modeled Conditions (dB)	Measured Noise Level (dBA CNEL)	Nearest Most-Sensitive Land Use	Change Compared to Measured Ambient Noise (dB)
Shaw Road	East of San Mateo Avenue	56.7	61.6	4.9	77.4[a]	Commercial	-15.8
Terminal Court	West of Produce Avenue/ US 101 SB on-ramp	53.8	61.0	7.2	75.2[b]	Commercial	-14.2

Refer to Appendix A for the complete traffic noise modeling results, including modeling results for the cumulative-no-project and cumulative-with-project condition (which were not used in this analysis).

Note: Modeled noise levels at a fixed distance of 50 feet from the roadway centerline are presented.

[a.] The measured ambient noise level representative of this segment was LT-1 (77.4 dBA CNEL).

[b.] The measured ambient noise level representative of this segment was LT-4 (75.2 dBA CNEL).

SB = southbound

Traffic noise modeling was conducted using a spreadsheet based on the FHWA Traffic Noise Model, version 2.5, as described in the Methodology subsection of this report. Modeling results are included in Appendix A for all roadway segments where at least a 10 percent increase in traffic volumes (or 0.4 dB increase in noise) would occur from existing to future-with-project conditions. Table 6-10 shows all roadway segments where a 3 dB or more increase from existing to future-with-project conditions was modeled to occur. A 3 dB increase or greater from existing to future-with-project conditions was modeled to occur along eight of the evaluated roadway segments.

As shown below in Table 6-10, a 3 dB increase (or greater) from existing to future-with-project conditions was modeled to occur along eight roadway segments. A 3 dB increase indicates that a cumulative impact may occur, depending on the overall noise level (i.e., if it exceeds the applicable land use compatibility standard) and the proximity to noise-sensitive land uses. Conservatively assuming that a cumulative traffic noise impact could occur along these eight segments, the project contribution to the 3 dB increase is assessed to see if a 1 dB project-related increase would occur. Should a 1 dB project-related increase occur, then the project may have a cumulatively considerable contribution to that potential cumulative impact.

When comparing future-no-project and future-with-project conditions, two of the eight segments with a 3 dB or greater increase would have a project-related increase of 1 dB or more (from future-no-project to future-with-project conditions). A 3.9 dB project-related increase in noise was modeled to occur along Shaw Road east of San Mateo Avenue (which had a 6.7 dB increase from existing to future-with-project conditions). In addition, a 1.3 dB project-related increase was modeled to occur along Tanforan Avenue west of San Mateo Avenue (which has a 6 dB increase from existing to future-with-project conditions).

Although a 3.9 dB project-related increase was modeled to occur along Shaw Road east of San Mateo Avenue, the modeled future-with-project traffic noise level for this segment is substantially lower than the existing measured noise level in this area. Specifically, the existing and future-with-project traffic noise levels on Shaw Road east of San Mateo Avenue were modeled to be 56.7 dBA CNEL and 63.5 dBA CNEL, respectively (as shown in Table 6-10). In addition, project-related traffic noise along Tanforan Avenue west of San Mateo Avenue was modeled to increase by 1.3 dB from existing conditions to future-with-project conditions. However, the modeled future-with-project traffic noise level for this segment is substantially lower than the existing measured noise level in this area. Specifically, the existing and future-with-project traffic noise levels on Tanforan Avenue west of San Mateo Avenue were modeled to be 50.8 dBA CNEL and 56.8 dBA CNEL, respectively (as shown in Table 6-10). Existing ambient noise near these two roadway segments was measured to be 77.4 dBA CNEL (as shown in Table 6-11). Therefore, measured existing noise levels are already approximately 14 dB higher than the modeled future-with-project traffic noise level along Shaw Road east of San Mateo Avenue and approximately 21 dB higher than modeled future-with-project traffic noise levels along Tanforan Avenue west of San Mateo Avenue.

When adding decibels, if the difference between two noise sources is 10 dBA or more, the higher noise source will dominate, and the resultant noise level will be equal to the noise level of the higher noise source. Therefore, because measured existing ambient noise levels are at least 14 dB higher than modeled future-with-project noise levels, the project-related traffic increase would not result in a perceptible increase in noise along this roadway segment. As a result, the potential cumulative impact along this segment would not be expected to occur. In addition, the project contribution

Table 6-10. Cumulative Traffic Noise Evaluation for Potentially Affected Segments

Roadway	Segment Location	Existing Conditions (dBA CNEL)	Future (2040) No-Project Conditions (dBA CNEL)	Future-with-Project Conditions (dBA CNEL)	Increase from Modeled Existing to Future-with-Project Conditions (dB)	Potential Cumulative Impact?	Increase from Future-No-Project to Future-with Project-Conditions (dB)	Potential Cumulatively Considerable Project Contribution?
Mitchell Avenue	East of South Airport Boulevard/Gateway Boulevard	63.0	66.9	67.0	4.0	Yes	0.1	No
San Mateo Avenue	North of South Linden Avenue	60.6	65.3	65.4	4.8	Yes	0.1	No
San Mateo Avenue	North of Tanforan Avenue/Shaw Road	61.9	64.5	64.9	3.0	Yes	0.4	No
Shaw Road	East of San Mateo Avenue[a]	56.7	59.6	63.5	6.8	Yes	3.9	Yes
South Linden Avenue	West of San Mateo Avenue	57.1	63.7	64.0	6.9	Yes	0.3	No
Tanforan Avenue	West of San Mateo Avenue	50.8	55.6	56.8	6.0	Yes	1.3	Yes
Terminal Court	West of Produce Avenue/US 101 SB on-ramp	53.8	75.2 [b]	64.2	21.4	Yes	-11.0 [c]	No
Wondercolor Lane	East of South Airport Boulevard	53.7	58.9	58.9	5.1	Yes	-0.1	No

Refer to Appendix A for the complete traffic noise modeling results.

Note: Modeled noise levels at a fixed distance of 50 feet from the roadway centerline.

[a] Shaw Road east of San Mateo Avenue is theoretically the same as Shaw Road west of the project driveway. However, the data provided by the project traffic engineers (Fehr & Peers) were slightly different along these two segments, most likely due to some vehicles using private driveways along these segments. Refer to Appendix A for the modeled traffic noise results for Shaw Road west of the project driveway.

[b] According to the project traffic engineer (Fehr & Peers), Terminal Court west of Produce Avenue would not exist under 2040 no-project conditions due to implementation of the flyover. As a result, traffic data for future (2040) no-project conditions were not available for this roadway segment, and traffic noise for this scenario could not be modeled. The existing measured CNEL noise level in this area was 75.2 dBA CNEL (LT-4), which can be conservatively used in place of the modeled future-no-project noise level for this segment.

[c] Because Terminal Court west of Produce Avenue would not exist with implementation of the flyover (i.e., under future-no-project conditions), modeling for future conditions could not be conducted; measured noise is used in the assessment. The measured 75.2 dBA CNEL noise level (LT-4) is 21.4 dB louder than the existing modeled noise level and 11.0 dB louder than the modeled future-with-project noise level along this segment. This indicates that noise along this segment is dominated by traffic on nearby US 101 instead of vehicles along Terminal Court.

SB = southbound

Table 6-11. Detailed Traffic Noise Evaluation for Potentially Affected Segment

Roadway	Segment Location	Modeled Existing Conditions (dBA CNEL)	Future (2040) No-Project Conditions	Future-with-Project Conditions dBA CNEL	Measured Noise Level (dBA CNEL)	Noise-Sensitive Land Use along This Roadway Segment?	Change Compared to Measured Ambient Noise (dB)
Shaw Road	East of San Mateo Avenue	56.7	59.8	63.5	77.4[a]	No	-13.9
Tanforan Avenue	West of San Mateo Avenue	50.8	55.6	56.8	77.4[a]	No	-20.6

Refer to Appendix A for the complete traffic noise modeling results.

Note: Modeled noise levels at a fixed distance of 50 feet from the roadway centerline.

[a] Measured ambient noise level from LT-1 (77.4 dBA CNEL) is considered representative of this segment.

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to a potential cumulative impact along this segment would not be considered substantial. Regarding other evaluated segments, the project contribution to any identified cumulative impacts would also not be considered substantial, as shown in Table 6-10 and described previously. In conclusion, project-related cumulative traffic noise impacts for all evaluated segments would not be considered substantial.

Parking Garage Noise

Noise sources in parking garages include moving vehicles, along with doors closing, cars starting, tires squealing, alarms sounding, and other automotive noises occurring. Although parking area noise is difficult to predict because of the many variables (e.g., parking structure design, the number of vehicles moving through the structure at any given time), noise from parking areas is temporary and periodic. The nearest noise-sensitive uses are the hotel land uses across US 101. The hotels would be more than 790 feet from the proposed parking structure. The nearest existing residences are located in San Bruno at a distance of approximately 1,980 feet from this garage. The nearby planned residential development at 100 Produce Avenue and 124 Airport Boulevard would be more than 1,000 feet from this garage.

According to FTA's *Transit Noise and Vibration Impact Assessment* manual,[24] 1,000 cars in a peak activity hour would generate a sound equivalent level (SEL) of 92 dBA at 50 feet, which can be converted to an hourly L_{eq} (average) noise level of 56.4 dBA L_{eq} at 50 feet. Although it is not known at this time how many vehicles would use this garage during a peak hour, conservatively assuming 1,300 vehicles would be using the 1,378-space garage and 60 surface parking spaces at once, parking garage noise at a distance of 790 feet would be approximately 34 dBA L_{eq}. At a distance of 1,000 feet, the distance to the planned residential development at 100 Produce Avenue and 124 Airport Boulevard, parking garage noise would be approximately 32 dBA, based on the calculation described above. These noise levels would be well below the measured ambient noise levels at the nearest hotel land uses (with a daytime 12-hour L_{eq} noise level of 68.8 dBA) and nearby proposed residential development (with a daytime 12-hour L_{eq} noise level of 70.3 dBA). In addition, because US 101 is located between or adjacent to the nearest noise-sensitive land uses and the location of the proposed parking structure, and because the time of day when the parking structure would be most heavily used (daytime hours) would align with the time of day when traffic on US 101 would be heaviest, noise from US 101 would overshadow intermittent nuisance noise from the proposed parking structure.

At the nearest existing residences, which are 1,980 feet away, the noise level from 1,500 vehicles using the garage simultaneously would be approximately 26 dBA L_{eq} (without accounting for attenuation from intervening buildings). This noise level would be well below the measured 12-hour daytime noise level at these residences (i.e., 74.1 dBA L_{eq}). In addition, vehicle noise is currently generated on and around the project site, given the existing use at and adjacent to the site; therefore, noise from vehicle parking activities would be similar to noise under existing conditions. Because of the distance between the parking structure and nearby sensitive land uses, temporary and periodic noise from the parking structure would not be considered substantial.

[24] Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment*. FTA Report No. 0123. Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf. Accessed: February 17, 2023.

On-Site Day Care and Outdoor Play Area

Along with the proposed R&D buildings, a proposed day-care facility would serve employees of the proposed project as well as the general public. The facility would accommodate up to 50 children. Information provided by the project sponsor indicates that the facility would operate Monday through Friday from 8:00 a.m. to 5:30 p.m. Although activities occurring within the facility would not be expected to increase noise levels in the vicinity of the project site, the potential exists for the facility's 4,950 sf play area to generate noise.

To estimate hourly noise levels at the nearest sensitive noise receptors, previously measured source noise levels from children playing were used. Specifically, the analysis used noise measurements conducted at Linda Vista Elementary School in San Diego. During the measurement survey, noise levels were measured from approximately 10:30 a.m. to 11:40 a.m. to capture morning recess and from 12:20 p.m. to 1:40 p.m. to capture the lunch recess. The measurements indicated an L_{eq} noise level of 64 dBA at an acoustical average distance of 120 feet, with an average of approximately 58 children playing simultaneously at various locations, including in flat asphalt playground areas, on climbing/play equipment, in a tetherball area, and on a decomposed granite field. The measured noise levels were normalized to a reference distance of 50 feet, then adjusted to account for the assumed number of children playing within the outdoor play area and the distances to the closest noise-sensitive receptors. Assuming 50 children were playing continuously within the project outdoor play area throughout an entire hour, the noise level at a distance of 50 feet would be approximately 71 dBA L_{eq}. Table 6-12 shows the estimated noise levels at the distances to the nearest sensitive land uses. Refer to Appendix A for more detailed modeling results.

Table 6-12. Summary of Outdoor Play Area Noise

Receiver	Distance between Outdoor Play Area and Receiver	Noise Level at Receiver (dBA L_{eq})	Measured Ambient Noise Level at Receiver (dBA $L_{eq[12\text{-}hour]}$)
Travelodge Hotel	840	46.1	68.8
100 Produce Ave/124 Airport Blvd	960	45.0	65.8
Best Western	1470	41.3	70.3

Source: Linda Vista Elementary School in San Diego during morning and lunchtime recess.

As shown in Table 6-12, estimated noise levels from children playing near the day care would not exceed locally measured ambient noise levels at the nearest sensitive land uses. For example, Travelodge is the nearest sensitive receptor, located approximately 840 feet east of the proposed outdoor play area. At that distance, the sound of 50 children playing is estimated to be approximately 46 dBA L_{eq}. The measured daytime 12-hour L_{eq} noise level near the Travelodge was 68.8 dBA. This would mean that noise from the outdoor play area would be about 13 dBA below the measured ambient level. The 12-hour average ambient daytime noise levels in the vicinity of the Best Western hotel as well as the planned 100 Produce Avenue and 124 Airport Boulevard development were 65.8 dBA L_{eq} and 70.3 dBA L_{eq}, respectively. The estimated noise levels for 50 children playing continuously for 1 hour at these locations are approximately 41 and 45 dBA L_{eq}, respectively. These estimated noise levels are approximately 21 and 29 dBA lower than the measured ambient noise levels at the Best Western and 100 Produce Avenue and 124 Airport Boulevard location.

Because estimated noise levels while the outdoor play area is in use would not exceed the existing ambient noise level at the nearby hotel, or the other nearby noise-sensitive receptors, noise effects from children playing near the on-site day care would not be considered substantial.

6.3.2 Vibration and Ground-Borne Noise Impacts

Damage to Structures

Construction of the proposed project would involve the use of equipment that could generate ground-borne vibration. PPV levels associated with the heavy-duty construction equipment proposed for use with the project at a distance of 25 feet, as well as other project-specific distances, are shown in Table 6-13. Note that project construction would not involve the use of pile drivers. The most vibration-intensive construction equipment proposed for use with the project are an auger drill rig and an excavator. For the purpose of this analysis, a large bulldozer is considered to be representative of heavy earthmoving equipment, such as an excavator.

Table 6-13. Vibration Levels for Project Construction Equipment at Various Distances

Equipment	Reference PPV at 25 Feet[a]	PPV at 10 Feet	PPV at 250 Feet	PPV at 800 Feet	PPV at 1,100 Feet
Auger drill rig	0.089	**0.352**	**0.003**	**> 0.001**	**> 0.001**
Large bulldozer[b]	0.089	**0.352**	**0.003**	**> 0.001**	**> 0.001**
Small bulldozer[c]	0.003	0.012	> 0.001	> 0.001	> 0.001

Source: Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment*. FTA Report No. 0123. Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/ transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf. Accessed: February 17, 2023.
Note: **Bold** text indicates values that are used in the analysis below.
a. Obtained from FTA *Transit Noise and Vibration Impact Assessment*, 2018.
b. Considered representative of other heavy earthmoving equipment such as excavators, graders, backhoes, etc.
c. Considered representative of smaller equipment such as a small backhoe and front-end loader.

The potential for structural damage to occur at adjacent or nearby buildings can be evaluated by estimating PPV levels from construction equipment at nearby uses and comparing those levels to the Caltrans damage criterion for that type of building. The nearest off-site structures to the project site are the commercial and industrial buildings located along the western border of the project site. A setback from the property line is anticipated to keep vibration-intensive construction equipment away from these structures. However, the size of the setback is not known at this time. This analysis conservatively assumed that a large bulldozer, or similar equipment, would be operated with a 10-foot setback from the closest structure in place. An auger drill rig would be used only within the footprint of the proposed project buildings and therefore be would farther from the nearby existing structures (to the west) than the large earthmoving equipment, such as an excavator or large bulldozer. Because an excavator and large bulldozer would both generate approximately the same vibration level as an auger drill, this analysis focuses on the use of a large bulldozer or excavator within 10 feet of the nearest existing off-site structure. The PPV from an excavator at the nearest structure (i.e., 10 feet away) would be approximately 0.352 in/sec.

The structures along the western border of the project site (parallel to San Mateo Avenue) were constructed between 1956 and 1968. Based on the age of these structures, they would be categorized as "historic" and "some old buildings," according to the Caltrans vibration guidelines for damage to structures. The applicable damage criterion for these buildings from the Caltrans vibration damage guidelines is a PPV of 0.25 in/sec.[25] Because the estimated vibration level from an excavator at 10 feet (PPV of 0.352 in/sec) would exceed the applicable criterion, vibration-related damage could occur at this structure if vibration-intensive equipment were to be used at this distance. However, the equipment may be farther from the existing structures. Should a buffer distance of 13 feet between large earthmoving equipment and the nearest existing structure be maintained, estimated vibration levels would be below the applicable damage criterion. Note that the vibration levels at other buildings located more than 13 feet from the project site would be even lower, and vibration-related damage would therefore not be expected to occur at these other buildings. However, because it is unknown whether a 13-foot buffer between these structures would be maintained during project construction, vibration-related damage impacts on the existing structures west of the project site would be considered substantial and mitigation would be required.

Implementation of Mitigation Measure NOI-1, which would be required if vibration-generating construction equipment were to operate within 13 feet of adjacent structures, would reduce construction-related vibration impacts. Mitigation Measure NOI-1 would ensure that vibration would be kept below the level that may cause damage. It would also require monitoring to ensure that damage effects would not occur. With implementation of the mitigation, this impact would not be considered substantial.

Mitigation Measure NOI-1: Protect adjacent structures from construction-generated vibration

For construction with heavy ground-disturbing equipment that occurs within 13 feet of neighboring buildings, a construction vibration control plan shall be required to mitigate potential construction vibration impacts. The project sponsor shall incorporate into construction specifications for the proposed project a requirement for the construction contractor(s) to use all feasible means to avoid damage to adjacent and nearby buildings. Such methods to help reduce vibration-related damage effects may include maintaining a safe distance between the construction site and the potentially affected building (e.g., at least 13 feet for large earth-disturbing equipment) or using smaller and less-vibration-intensive equipment in proximity to the potentially affected building.

In the event that vibration-generating construction activity is required within 13 feet of nearby older buildings similar to "historic and some old buildings," the construction contractor shall implement a monitoring program to minimize damage to adjacent buildings and ensure that any such damage is documented and repaired. If required, the monitoring program shall include the following components:

- Prior to the start of any ground-disturbing activity within 13 feet of adjacent buildings, the construction contractor shall engage a structural engineer or other professional with similar qualifications to document and photograph the existing conditions of potentially affected buildings within 13 feet of proposed vibratory-generating construction activities.

[25] California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. Final. CT-HWANP-RT-20-365.01.01. April. Sacramento, CA. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf. Accessed: February 14, 2023.

- Based on the construction and condition of the resource(s), the consultant shall also establish a standard maximum vibration level that will not be exceeded at nearby buildings, based on existing conditions, character-defining features, soil conditions, and anticipated construction practices (a common standard is a peak particle velocity of 0.25 inch per second for "historic and some old buildings," as shown in Table 5-1).
- To ensure that vibration levels do not exceed the established standard, the project sponsor shall monitor vibration levels at each structure and prohibit vibratory construction activities that generate vibration levels in excess of the standard.
- Should vibration levels be observed in excess of the selected standard, construction shall be halted and alternative construction techniques put in practice, to the extent feasible.
- When vibration-intensive activity (e.g., heavy earth-disturbing equipment) occurs within 13 feet of a building, the structural engineer shall conduct an inspection of the building for damage within 7 days of that activity. If inspections determine that no damage occurred, the 7-day period may be increased to 30 days for that activity. Should damage to adjacent buildings occur, the building(s) shall be remediated to their preconstruction condition at the conclusion of ground-disturbing activity on the site.
- Should all ground-disturbing construction activity occur 13 feet or more from the nearest existing structure, this monitoring plan shall not be required.

Vibration-Related Annoyance

Regarding annoyance-related vibration impacts, vibration-related annoyance is typically considered to be substantial if it results in sleep disturbance at nearby residences. For purposes of this analysis, should vibration from project construction exceed the Caltrans "strongly perceptible" criterion (i.e., PPV of 0.1 in/sec) at residential land uses during nighttime hours (when people generally sleep), impacts would be considered significant.

Note that most construction activities would occur during the hours of 8:00 a.m. to 8:00 p.m. Monday through Friday, 9:00 a.m. to 8:00 p.m. on Saturdays, and 10:00 a.m. to 6:00 p.m. on Sundays and holidays (the City's standard hours for construction). However, some construction activities are proposed for nighttime and early-morning hours. Specifically, the sponsor has explained that activities requiring the use of a crane, which does not generate meaningful vibration, or large equipment such as an auger drill rig could start as early as 5:00 a.m. to avoid some of the high winds that occur during the day in South San Francisco. Potential vibration-related annoyance impacts of the use of a drill rig during the early-morning hours are evaluated below.

The closest sensitive use where people are expected to be sleeping during nighttime and early-morning hours is the Travelodge hotel, which is approximately 250 feet east of the project site; additional hotels are located farther to the east. Residential land uses are located southwest of the project site at a distance of approximately 1,570 from the nearest proposed project building (where an auger drill rig could be used) and 1,400 feet from the main project site.

Assuming that vibration-intensive equipment could be used anywhere on the project site, an auger drill rig or large bulldozer operating at the perimeter of the site closest to the Travelodge could result in a PPV of approximately 0.003 in/sec. At the next-closest hotel (the Best Western,

approximately 800 feet east of the project site), an auger drill rig or large bulldozer would result in a PPV of less than 0.001 in/sec. At the nearby proposed residential development at 100 Produce Avenue and 124 Airport Boulevard (located approximately 950 feet from the project site) and at the nearest existing residences (located approximately 1,400 feet southwest of the main project site, excluding the project driveway), an auger drill rig would also result in a PPV of less than 0.001 in/sec. These vibration levels are all well below the Caltrans "strongly perceptible" criterion for vibration-related annoyance (i.e., PPV of 0.1 in/sec).[26]

Based on the estimated vibration levels for the project equipment presented above, early-morning or nighttime project construction activities would not be expected to result in sleep disturbance at nearby sensitive land uses. In addition, project construction equipment would typically be operating even farther from the off-site sensitive land uses than the distances assessed in this analysis, resulting in even lower vibration levels. Therefore, because the estimated vibration levels would not exceed the strongly perceptible criterion during early-morning or nighttime hours when people generally sleep, annoyance-related vibration impacts from project construction would not be considered substantial.

6.3.3 Impacts Associated with Airport Noise and Consistency with Airport Land Use Plan

The closest airport to the project site is SFO, which is approximately 1 mile to the southeast. Portions of the project site fall within the 65 dBA noise contour for this airport, according to the 2012 *Comprehensive Airport Land Use Compatibility Plan (ALUCP) for the Environs of San Francisco International Airport.* No portion of the project site is located within the 70 or 75 dBA CNEL noise contours.[27]

Land uses proposed under the project include commercial, office, and/or R&D land uses. The 2012 ALUCP designates commercial and industrial/production land uses as compatible with all airport-related noise levels, according to Table IV-1, Noise/Land Use Compatibility Criteria, of the ALUCP document.[28] Although residential land uses are designated as conditionally compatible within the 65 dBA CNEL contour, no residential land uses are proposed as part of the project. Therefore, the project would not conflict with the land use restrictions for the 65 dBA noise contour in the ALUCP.

[26] Ibid.

[27] City/County Association of Governments of San Mateo County. 2012. *Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport.* November. Redwood City, CA. Available: https://ccag.ca.gov/wp-content/uploads/2014/10/Consolidated_CCAG_ALUCP_November-20121.pdf. Accessed: March 10, 2023.

[28] Ibid.

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Appendix A

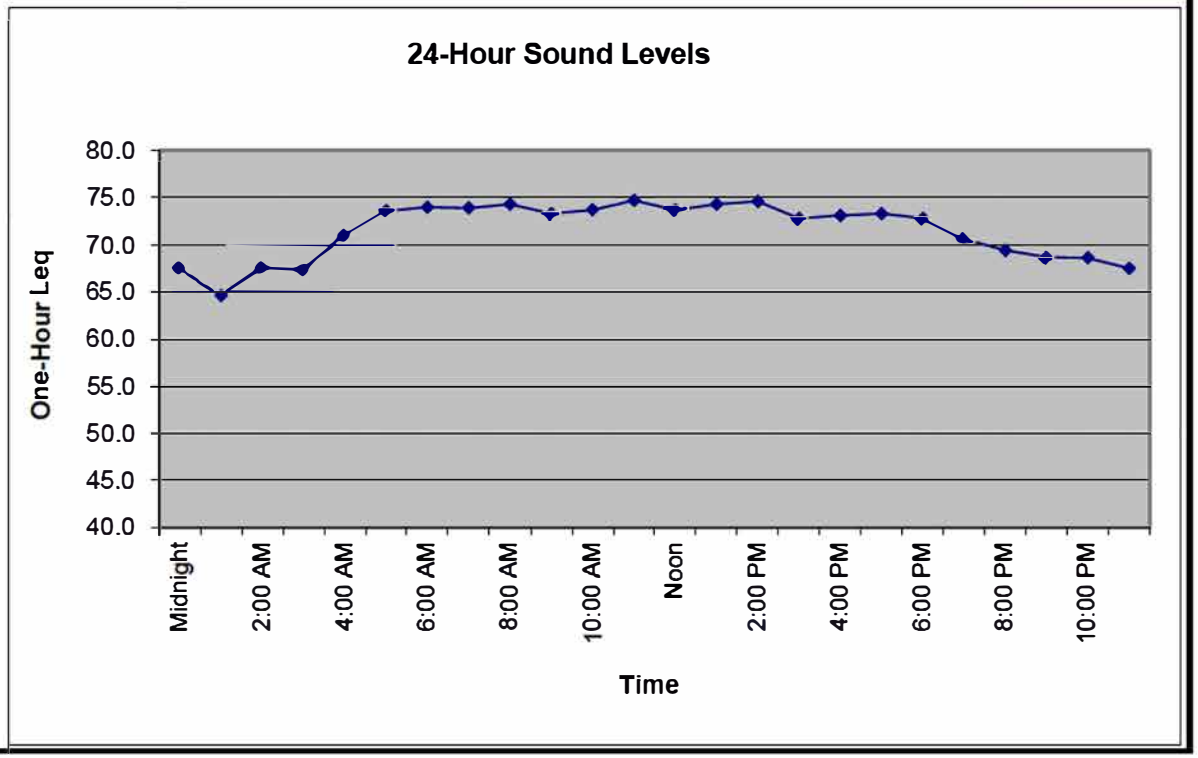
Noise and Vibration Data and Modeling Results

Noise Appendix

Long Term Measurement Data

Ldn/CNEL Calculation Spreadsheet

Project:	Terminal 101		Date:	3/1/2023	Analyst:	Schumaker, N		
Location:	LT-1							
	Wednesday				Worst Hour	Ldn minus	CNEL minus	
Time	3/1/2023	Leq(24)	Ldn	CNEL	Leq	Worst Hour Leq	Ldn	Day
Midnight	67.6	72.3	77.2	77.4	74.7	2.5	0.2	Evening
1:00 AM	64.6		3.3	3.5				Night
2:00 AM	67.6							
3:00 AM	67.4							
4:00 AM	71.0							
5:00 AM	73.6							
6:00 AM	74.0							
7:00 AM	73.9							
8:00 AM	74.3							
9:00 AM	73.3							
10:00 AM	73.7							
11:00 AM	74.7							
Noon	73.7							
1:00 PM	74.3							
2:00 PM	74.6							
3:00 PM	72.8							
4:00 PM	73.1							
5:00 PM	73.3							
6:00 PM	72.8							
7:00 PM	70.6							
8:00 PM	69.4							
9:00 PM	68.7							
10:00 PM	68.6							
11:00 PM	67.5							



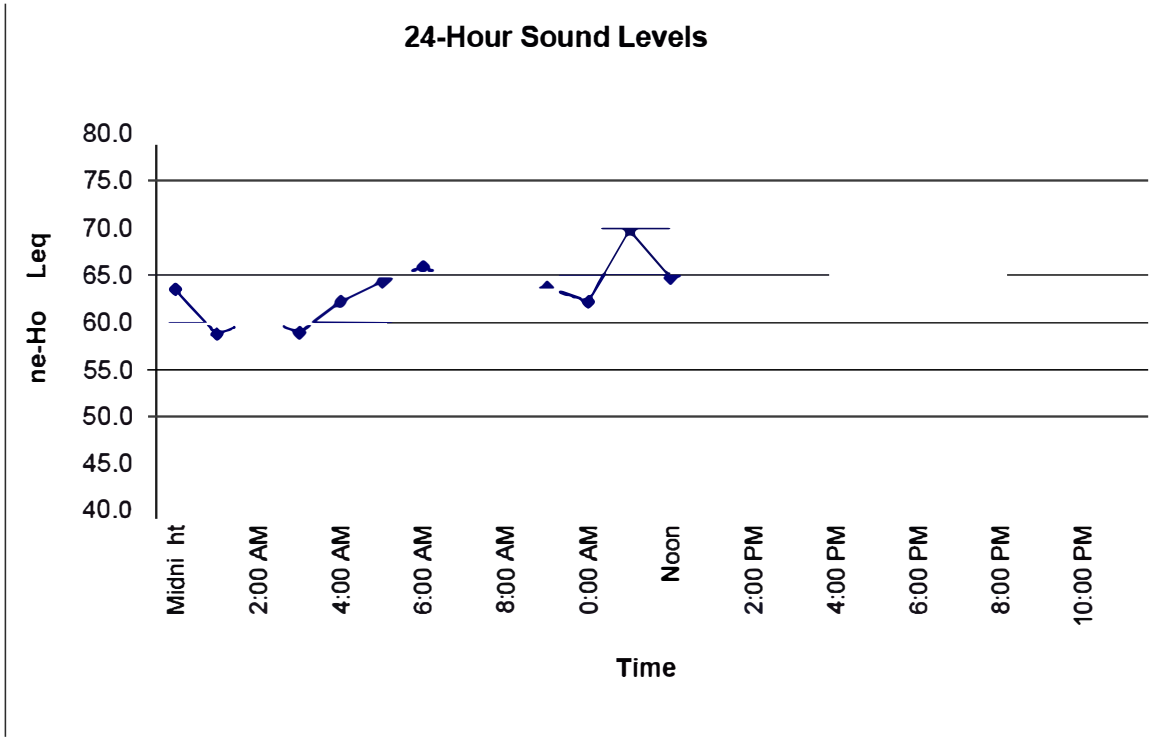
Ldn	77.2
Worst Hour Leq	74.7
Lowest Hour LEQ	64.6
12-hour Leq	73.6

Ldn/CNEL Calculation Spreadsheet

Project: Terminal 101 Date: 3/1/2023 Analyst: Schumaker, N

Location: LT-2

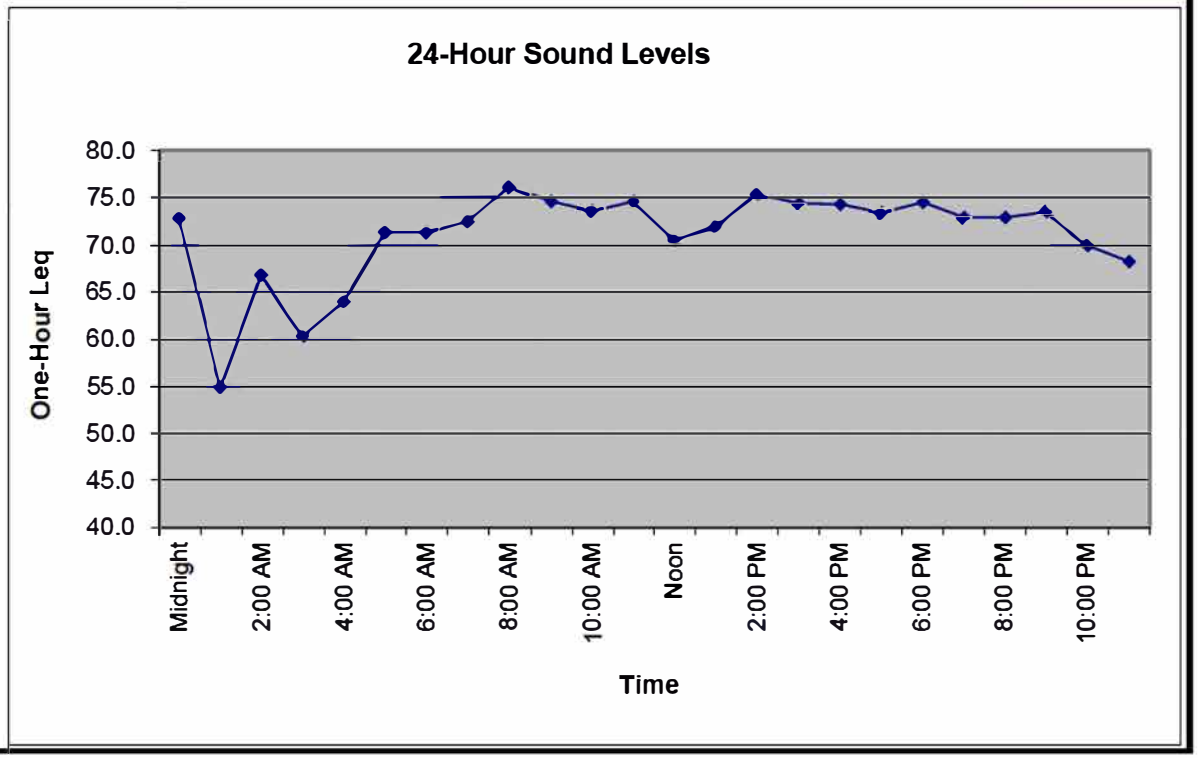
Time	Wednesday 3/1/2023	Leq(24)	Ldn	CNEL	Worst Hour Leq	Ldn minus Worst Hour Leq	CNEL minus Ldn	Day
Midnight	63.5	64.6	69.6	69.9	69.8	-0.2	0.4	Evening
1:00 AM	58.7		5.6	5.9				Night
2:00 AM	60.5							
3:00 AM	58.9							
4:00 AM	62.2							
5:00 AM	64.3							
6:00 AM	65.9							
7:00 AM	64.0							
8:00 AM	63.3							
9:00 AM	63.7							
10:00 AM	62.2							
11:00 AM	69.8							
Noon	64.7							
1:00 PM	66.0							
2:00 PM	66.4							
3:00 PM	66.5							
4:00 PM	65.5							
5:00 PM	65.2							
6:00 PM	65.0							
7:00 PM	65.6							
8:00 PM	64.1							
9:00 PM	64.3							
10:00 PM	62.4							
11:00 PM	62.1							



Ldn	69.6
Worst Hour Leq	69.8
Lowest Hour LEQ	58.7
12-hour Leq	65.8

Ldn/CNEL Calculation Spreadsheet

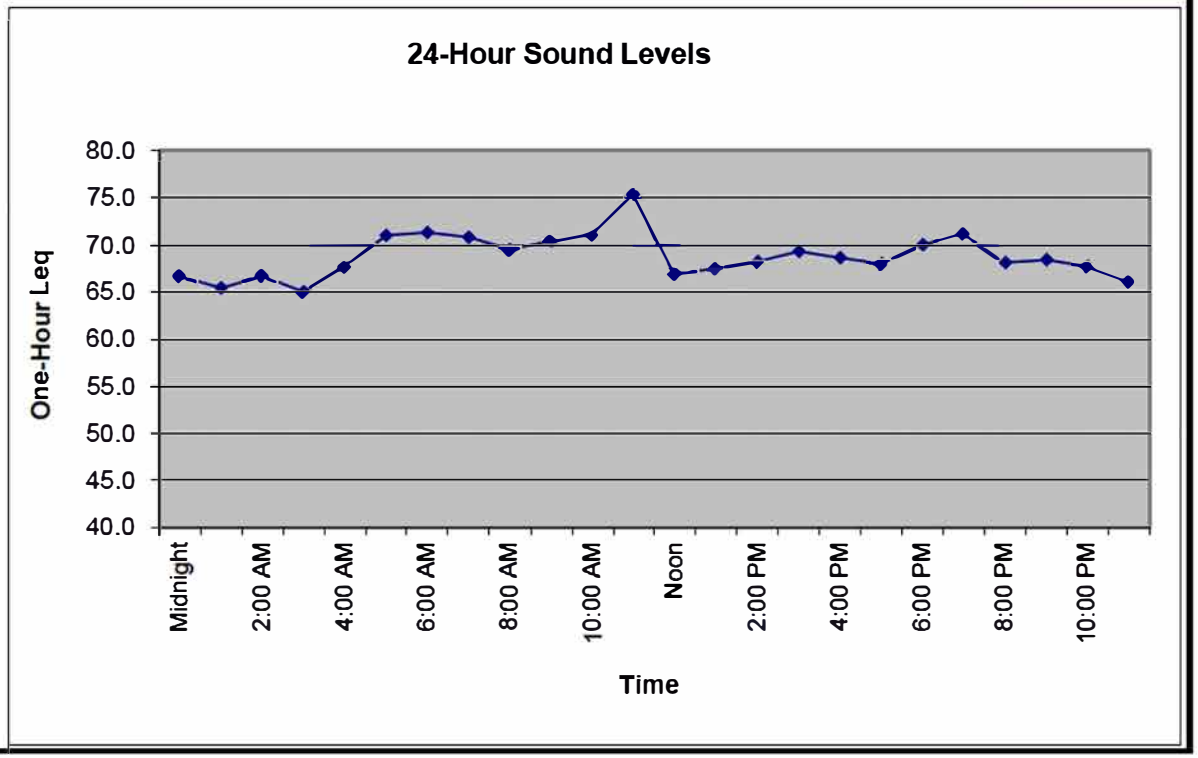
Project:	Terminal 101		Date:	3/1/2023	Analyst:	Schumaker, N		
Location:	LT-3							
Time	Wednesday 3/1/2023	Leq(24)	Ldn	CNEL	Worst Hour Leq	Ldn minus Worst Hour Leq	CNEL minus Ldn	Day
Midnight	72.8	72.6	76.5	77.0	76.2	0.3	0.5	Evening
1:00 AM	54.9		4.0	4.5				Night
2:00 AM	66.8							
3:00 AM	60.3							
4:00 AM	64.0							
5:00 AM	71.3							
6:00 AM	71.3							
7:00 AM	72.5							
8:00 AM	76.2							
9:00 AM	74.6							
10:00 AM	73.6							
11:00 AM	74.6							
Noon	70.5							
1:00 PM	71.9							
2:00 PM	75.4							
3:00 PM	74.4							
4:00 PM	74.3							
5:00 PM	73.4							
6:00 PM	74.5							
7:00 PM	72.9							
8:00 PM	72.9							
9:00 PM	73.5							
10:00 PM	69.9							
11:00 PM	68.2							



Ldn	76.5
Worst Hour Leq	76.2
Lowest Hour LEQ	54.9
12-hour Leq	74.1

Ldn/CNEL Calculation Spreadsheet

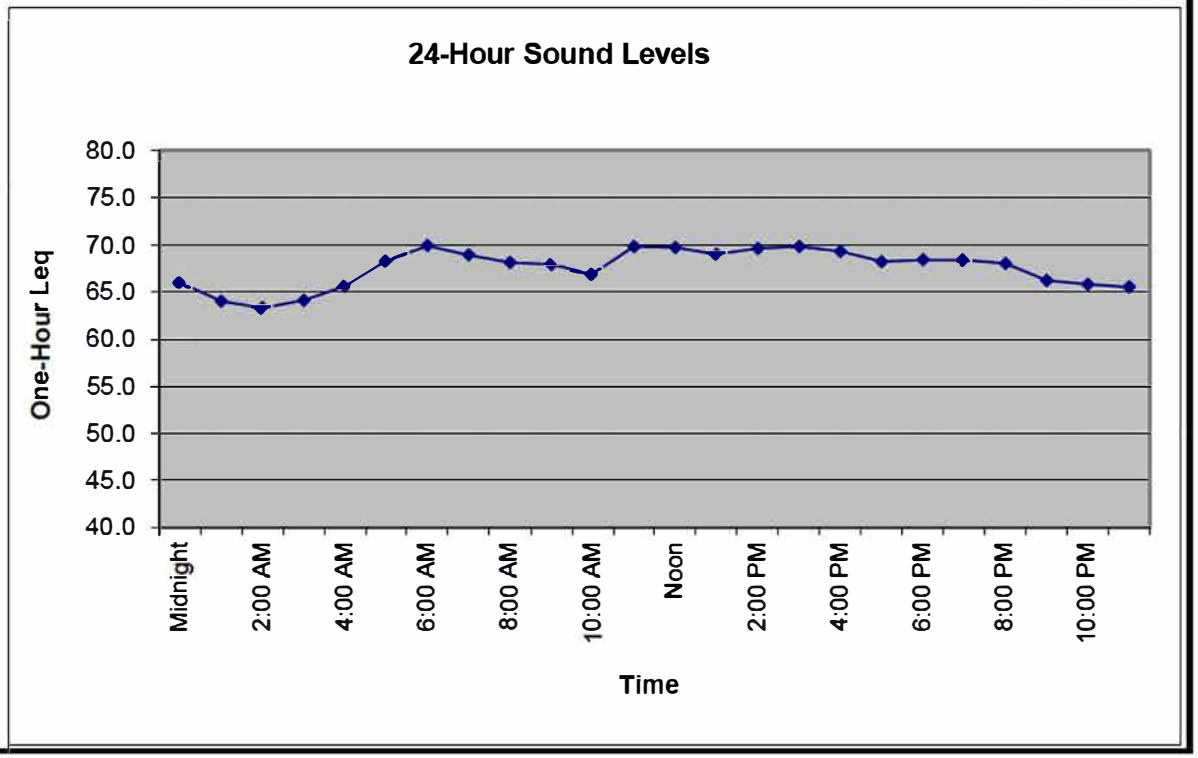
Project:	Terminal 101		Date:	3/1/2023	Analyst:	Schumaker, N		
Location:	LT-4							
	Wednesday				Worst Hour	Ldn minus	CNEL minus	
Time	3/1/2023	Leq(24)	Ldn	CNEL	Leq	Worst Hour Leq	Ldn	Day
Midnight	66.7	69.5	74.9	75.2	75.4	-0.5	0.3	Evening
1:00 AM	65.4		4.1	4.4				Night
2:00 AM	66.7							
3:00 AM	65.0							
4:00 AM	67.7							
5:00 AM	71.0							
6:00 AM	71.3							
7:00 AM	70.8							
8:00 AM	69.5							
9:00 AM	70.4							
10:00 AM	71.1							
11:00 AM	75.4							
Noon	66.9							
1:00 PM	67.5							
2:00 PM	68.2							
3:00 PM	69.3							
4:00 PM	68.6							
5:00 PM	68.0							
6:00 PM	70.0							
7:00 PM	71.2							
8:00 PM	68.1							
9:00 PM	68.4							
10:00 PM	67.7							
11:00 PM	66.1							



Ldn	74.9
Worst Hour Leq	75.4
Lowest Hour LEQ	65.0
12-hour Leq	70.3

Ldn/CNEL Calculation Spreadsheet

Project:	Terminal 101		Date:	3/1/2023	Analyst:	Schumaker, N		
Location:	LT-5							
	Wednesday				Worst Hour	Ldn minus	CNEL minus	
Time	3/1/2023	Leq(24)	Ldn	CNEL	Leq	Worst Hour Leq	Ldn	Day
Midnight	66.0	67.9	73.2	73.5	69.9	3.3	0.3	Evening
1:00 AM	64.0		4.3	4.6				Night
2:00 AM	63.3							
3:00 AM	64.1							
4:00 AM	65.6							
5:00 AM	68.3							
6:00 AM	69.9							
7:00 AM	68.9							
8:00 AM	68.1							
9:00 AM	67.9							
10:00 AM	66.9							
11:00 AM	69.8							
Noon	69.7							
1:00 PM	69.0							
2:00 PM	69.6							
3:00 PM	69.8							
4:00 PM	69.3							
5:00 PM	68.2							
6:00 PM	68.4							
7:00 PM	68.4							
8:00 PM	68.0							
9:00 PM	66.2							
10:00 PM	65.8							
11:00 PM	65.5							



Ldn	73.2
Worst Hour Leq	69.9
Lowest Hour LEQ	63.3
12-hour Leq	68.8

Number	Start Date	Start Time	End Time	Duration	LAeq	LASmax	LASmin	LAS1%	LAS5%	LAS10%	LAS25%	LAS50%	LAS90%	LAS95%	LAS99%
1	3/1/2023	2:38:33 PM	3:00:00 PM	0:21:27	77.5	100	46.2	89.2	81.2	79.8	76	70.8	60.7	58.3	48.2
2	3/1/2023	3:00:02 PM	4:00:00 PM	0:59:58	73.4	96.7	56.1	81.7	78.6	76.8	74	70.2	60.7	59.3	57.3
3	3/1/2023	4:00:02 PM	5:00:00 PM	0:59:58	73.1	93.4	56.5	81.3	78.1	76.7	73.9	70.2	61.1	59.5	57.5
4	3/1/2023	5:00:02 PM	6:00:00 PM	0:59:58	73.3	86.5	56.6	81.1	78.5	77.1	74.4	70.7	62	60.4	58.3
5	3/1/2023	6:00:02 PM	7:00:00 PM	0:59:58	72.8	92.7	54.3	82	78.2	76.4	73.1	68.4	58.9	57.1	55.1
6	3/1/2023	7:00:02 PM	8:00:00 PM	0:59:58	70.6	85.1	54.1	80.4	76.9	74.7	70.6	65.2	57.3	56.5	55.3
7	3/1/2023	8:00:02 PM	9:00:00 PM	0:59:58	69.4	85	53.9	79.5	76	73.6	68.6	63.1	56.7	56	54.9
8	3/1/2023	9:00:02 PM	10:00:00 PM	0:59:58	68.7	85.3	53.4	79.7	75.8	72.9	66.8	59.7	55.6	55	54.2
9	3/1/2023	10:00:02 PM	11:00:00 PM	0:59:58	68.6	85.9	53.2	80.5	75.1	72.1	66.2	59.9	56.2	55.5	54
10	3/1/2023	11:00:02 PM	12:00:00 AM	0:59:58	67.5	88	51.1	80	73.5	69.9	63.8	57.7	54.8	54.1	52.8
11	3/2/2023	12:00:02 AM	1:00:00 AM	0:59:58	67.6	87.4	50	80.3	74.2	69.7	61	55.2	52.1	51.7	50.9
12	3/2/2023	1:00:02 AM	2:00:00 AM	0:59:58	64.6	85.5	50	77.1	70.7	66.4	58.4	54.3	51.3	50.8	50.3
13	3/2/2023	2:00:02 AM	3:00:00 AM	0:59:58	67.6	86.8	51	80.6	73.5	69.4	62.5	56.3	53	52.5	51.9
14	3/2/2023	3:00:02 AM	4:00:00 AM	0:59:58	67.4	84.1	51.3	78.8	74	71.3	65.6	58.8	53.9	53.4	52.5
15	3/2/2023	4:00:02 AM	5:00:00 AM	0:59:58	71	89.6	52.4	83	77.2	74.4	69.1	64	56.7	55.4	53.8
16	3/2/2023	5:00:02 AM	6:00:00 AM	0:59:58	73.6	97.8	56	83.2	79	76.6	72.8	68.7	61.7	60.2	58.3
17	3/2/2023	6:00:02 AM	7:00:00 AM	0:59:58	74	87	58.7	82.9	79.8	78.2	74.5	70.9	62	61.2	60
18	3/2/2023	7:00:02 AM	8:00:00 AM	0:59:58	73.9	89.1	57.9	83	79.7	77.8	74.4	70	61.8	60.7	59.6
19	3/2/2023	8:00:02 AM	9:00:00 AM	0:59:58	74.3	88.9	55	83.3	80	78.1	74.9	71	61.8	60.3	58.4
20	3/2/2023	9:00:02 AM	10:00:00 AM	0:59:58	73.3	91.1	55.2	82.3	78.9	77.1	74	69.8	59.2	57.4	56
21	3/2/2023	10:00:02 AM	11:00:00 AM	0:59:58	73.7	88.7	54.1	83.3	79.6	77.3	74.1	69.7	59.6	58.1	55.6
22	3/2/2023	11:00:02 AM	12:00:00 PM	0:59:58	74.7	96.1	56.8	84.9	80.3	78.2	74.5	70.3	62.4	60.4	58.1
23	3/2/2023	12:00:02 PM	1:00:00 PM	0:59:58	73.7	91.7	56.3	83.3	79.3	77.5	74	69.8	61.8	59.9	58.1
24	3/2/2023	1:00:02 PM	2:00:00 PM	0:59:58	74.3	91.9	57.6	84.8	79.1	77.1	73.8	69.7	62.5	60.7	58.5
25	3/2/2023	2:00:02 PM	3:00:00 PM	0:59:58	74.6	95.6	56.6	83.7	79.2	77.2	74.1	70.1	61.2	59.7	57.9
26	3/2/2023	3:00:02 PM	4:00:00 PM	0:59:58	72.8	85.6	56.4	80.7	78.2	76.8	73.9	69.9	61	59.2	57.6
27	3/2/2023	4:00:02 PM	5:00:00 PM	0:59:58	73.9	96	57.5	82.3	78.9	77.1	74.5	70.9	62.4	60.6	58.5
28	3/2/2023	5:00:02 PM	6:00:00 PM	0:59:58	74.3	89.3	58.2	83.4	79.3	77.8	75	71.4	64	62.4	59.8
29	3/2/2023	6:00:02 PM	7:00:00 PM	0:59:58	72.2	87.4	55.7	81	77.9	76.1	72.9	68.2	59.7	58	56.4
30	3/2/2023	7:00:02 PM	8:00:00 PM	0:59:58	71.8	92.5	55	81.8	77.9	75.7	71.3	65.7	58.2	57.3	56.1
31	3/2/2023	8:00:02 PM	9:00:00 PM	0:59:58	70.6	94.6	54.9	81.1	76.6	74	68.6	62.5	56.8	56.2	55.4
32	3/2/2023	9:00:02 PM	10:00:00 PM	0:59:58	71.3	90	54.6	83.8	77.5	74.2	68.6	62.7	57.3	56.5	55.7
33	3/2/2023	10:00:02 PM	11:00:00 PM	0:59:58	69.6	89.6	53.7	81.3	76.1	72.8	66.7	60.7	55.8	55	54.2
34	3/2/2023	11:00:02 PM	12:00:00 AM	0:59:58	69.4	86.6	52.2	82	75.9	72.2	66.7	59.7	54.1	53.4	52.7
35	3/3/2023	12:00:02 AM	1:00:00 AM	0:59:58	71.1	88.6	50.8	83.9	78.5	73.9	65.1	57.8	53.3	52.7	52
36	3/3/2023	1:00:02 AM	2:00:00 AM	0:59:58	65.5	86.3	51.5	77.9	71.8	67.1	60	55.7	53.2	52.8	52.2
37	3/3/2023	2:00:02 AM	3:00:00 AM	0:59:58	67.4	89.6	51.1	79.3	73.5	69.9	63.2	57.4	53.9	53.3	52.3
38	3/3/2023	3:00:02 AM	4:00:00 AM	0:59:58	70.2	90.6	52.2	82.3	76.2	72.8	66.6	61	55.4	54.5	53.3
39	3/3/2023	4:00:02 AM	5:00:00 AM	0:59:58	71.3	89.6	54.9	83.1	77.9	74.6	68.7	62.4	57	56.4	55.7
40	3/3/2023	5:00:02 AM	6:00:00 AM	0:59:58	74.1	90.8	55.2	83.9	79.7	77.6	73.8	71.1	60.1	58.4	56.6
41	3/3/2023	6:00:02 AM	7:00:00 AM	0:59:58	73.2	88.7	55.5	83.1	79.7	77.5	73.3	67.8	60.5	59.2	57.4
42	3/3/2023	7:00:02 AM	8:00:00 AM	0:59:58	74.4	88	55.2	83.7	80.4	78.5	74.9	70	60.8	59.5	57.2
43	3/3/2023	8:00:02 AM	9:00:00 AM	0:59:58	74.4	90.3	56.9	83.6	80.2	78.3	75	70.4	61.2	59.8	58
44	3/3/2023	9:00:01 AM	9:47:02 AM	0:47:01	76.3	96.7	57.4	85.4	81.6	80.2	76.5	72.2	62.1	60.7	59.1

Number	Start Date	Start Time	Duration	LAeq	LASmax	LASmin	LAS1%	LAS5%	LAS10%	LAS25%	LAS50%	LAS90%	LAS95%	LAS99%
1	3/1/2023	1:25:50 PM	0:34:10	70.2	96.4	48.5	80.5	74.5	70.1	65.2	63.6	60.4	55.6	50.3
2	3/1/2023	2:00:02 PM	0:59:58	66.4	83	60.6	79.3	68.9	65.6	64.2	63.3	62	61.8	61.2
3	3/1/2023	3:00:02 PM	0:59:58	66.5	83.6	60.5	78.3	69.6	66.1	64.4	63.5	62.2	61.9	61.3
4	3/1/2023	4:00:02 PM	0:59:58	65.5	81.1	61.2	73.7	67.5	66.3	65.1	64.3	62.9	62.6	62.2
5	3/1/2023	5:00:02 PM	0:59:58	65.2	79.8	60.1	75	68.2	65.9	64.5	63.4	61.7	61.2	60.6
6	3/1/2023	6:00:02 PM	0:59:58	65	81.2	60.4	74.1	66.1	65.4	64.6	64	62.7	62.2	61.5
7	3/1/2023	7:00:02 PM	0:59:58	65.6	83.7	61	76.8	67.3	65.2	64.2	63.5	62.5	62.2	61.6
8	3/1/2023	8:00:02 PM	0:59:58	64.1	83	58.9	72.8	65.2	63.8	63	62.3	61	60.5	59.8
9	3/1/2023	9:00:02 PM	0:59:58	64.3	84.1	58.2	75.5	64.9	63.5	62.5	61.6	60.1	59.6	59
10	3/1/2023	10:00:02 PM	0:59:58	62.4	71.9	57.5	68.8	64.4	63.7	62.8	61.8	59.8	59.2	58.5
11	3/1/2023	11:00:02 PM	0:59:58	62.1	80.8	56.5	73.2	63.3	62.1	60.8	59.8	58.1	57.7	57.1
12	3/2/2023	12:00:02 AM	0:59:58	63.5	83.3	53.8	76.9	68	61.2	59	57.8	56.1	55.6	54.8
13	3/2/2023	1:00:02 AM	0:59:58	58.7	80.7	51.5	68.9	59.3	57.9	56.6	55.6	54	53.5	52.6
14	3/2/2023	2:00:02 AM	0:59:58	60.5	83.4	52.3	66.1	58.9	58.1	57	56	54.2	53.8	53
15	3/2/2023	3:00:02 AM	0:59:58	58.9	69.3	52.4	63.5	61.5	60.8	59.7	58.5	55.7	55	53.7
16	3/2/2023	4:00:02 AM	0:59:58	62.2	69.5	56.6	65.3	64.1	63.7	63.1	62.2	59.6	59.1	58.3
17	3/2/2023	5:00:02 AM	0:59:58	64.3	78.4	60.4	70.4	65.9	65.2	64.4	63.7	62.4	62	61.3
18	3/2/2023	6:00:02 AM	0:59:58	65.9	78.4	61.3	71	67.5	66.9	66.2	65.5	63.7	63	62
19	3/2/2023	7:00:02 AM	0:59:58	64	75	59.3	68	66.3	65.8	65	63.9	60.7	60.4	60
20	3/2/2023	8:00:02 AM	0:59:58	63.3	81.6	58.8	74.5	64.1	63	62.1	61.4	60.2	59.8	59.3
21	3/2/2023	9:00:02 AM	0:59:58	63.7	81.5	56.4	77.3	65.2	62.3	60.4	59.4	58	57.7	57.3
22	3/2/2023	10:00:02 AM	0:59:58	62.2	78.4	55.6	74.9	66	61.6	59.3	58.2	57.1	56.8	56.3
23	3/2/2023	11:00:02 AM	0:59:58	69.8	90.2	55.3	84.1	72	64.3	60.9	59.4	57.6	57.3	56.7
24	3/2/2023	12:00:02 PM	0:59:58	64.7	85.8	55.6	78.3	64.9	62.6	61.1	60.2	58.4	57.9	57.1
25	3/2/2023	1:00:02 PM	0:59:58	66	84.8	58.9	78.7	69.4	65	62.8	61.8	60.4	60.1	59.6
26	3/2/2023	2:00:02 PM	0:59:58	67.2	87.6	59.4	80.3	69.9	65.2	63.2	62.3	61.1	60.7	60.2
27	3/2/2023	3:00:02 PM	0:59:58	66.7	84.7	58.9	79.2	70.6	65.7	63.6	62.7	61.3	60.9	60.1
28	3/2/2023	4:00:02 PM	0:59:58	66.2	84.2	61.3	77.9	67.8	65.9	64.8	64	62.7	62.4	61.9
29	3/2/2023	5:00:02 PM	0:59:58	66.5	83.1	61	77.2	69.8	66.6	65.1	64.1	62.6	62.3	61.8
30	3/2/2023	6:00:02 PM	0:59:58	64.4	79.9	60.1	73.4	67	65.3	63.8	63	61.8	61.5	61
31	3/2/2023	7:00:02 PM	0:59:58	66.1	82.4	60.6	77.4	69.7	65.9	64.3	63.4	62	61.6	61.2
32	3/2/2023	8:00:02 PM	0:59:58	66	85	60.2	78.3	69.5	65	63.6	62.8	61.8	61.5	61
33	3/2/2023	9:00:02 PM	0:59:58	69.1	88.6	61.5	82.4	69.6	66.3	65.1	64.3	63	62.7	62.2
34	3/2/2023	10:00:02 PM	0:59:58	66	85.1	57.9	78.6	66.3	64.8	63.9	62.9	60.5	60	58.9
35	3/2/2023	11:00:02 PM	0:59:58	68.1	89	56.8	82.4	67.9	63.3	61.3	60.3	58.9	58.6	57.8
36	3/3/2023	12:00:02 AM	0:59:58	71.1	90.6	54.1	85.4	76.5	65.7	59.8	58.4	56.8	56.4	55.5
37	3/3/2023	1:00:02 AM	0:59:58	58.9	74	54	67.9	61	59.7	58.6	57.6	56	55.6	54.8
38	3/3/2023	2:00:02 AM	0:59:58	58.4	73.8	54.3	64.9	60.4	59.6	58.6	57.7	56.1	55.7	55
39	3/3/2023	3:00:02 AM	0:59:58	65.1	88.2	55.3	78.2	62.9	61.9	60.8	59.7	57.8	57.2	56.5
40	3/3/2023	4:00:02 AM	0:59:58	62	75.1	58.3	65.7	63.8	63.3	62.5	61.7	60.2	59.8	59
41	3/3/2023	5:00:02 AM	0:59:58	63.1	78.2	58.4	66.8	65.2	64.7	63.8	62.7	60.7	60.2	59.4
42	3/3/2023	6:00:02 AM	0:59:58	64.8	79.3	60.8	73.4	66.5	65.4	64.5	63.7	62.5	62.1	61.3
43	3/3/2023	7:00:02 AM	0:59:58	63.4	76.3	59.8	67.5	65	64.4	63.7	62.9	61.5	61.2	60.5
44	3/3/2023	8:00:02 AM	0:43:52	67.5	97.2	55.5	79.4	67.1	63.2	61.6	60.7	59.3	59	58.4
45	3/3/2023	8:51:28 AM	0:00:15	44.4	47.4	42.9	47.2	46.1	45.6	45.1	44.5	43.2	42.9	42.9

Number	Start Date	Start Time	Duration	LAeq	LASmax	LASmin	LAS1%	LAS5%	LAS10%	LAS25%	LAS50%	LAS90%	LAS95%	LAS99%
1	3/1/2023	3:12:24 PM	1.0 hour	73.3	95	45.6	86	77	74	70	63	57	55	53
2	3/1/2023	4:12:24 PM	1.0 hour	74.3	96.7	53.2	87	76	73	70	64	58	57	55
3	3/1/2023	5:12:24 PM	1.0 hour	73.4	98.1	50.7	86	77	73	69	62	54	53	52
4	3/1/2023	6:12:24 PM	1.0 hour	74.5	102.7	51.1	86	76	72	68	59	53	52	52
5	3/1/2023	7:12:24 PM	1.0 hour	72.9	98.8	50	85	74	71	64	56	53	52	51
6	3/1/2023	8:12:24 PM	1.0 hour	72.9	99.3	50.6	85	74	71	63	57	53	53	52
7	3/1/2023	9:12:24 PM	1.0 hour	73.5	101.6	50.5	86	73	69	60	55	53	52	51
8	3/1/2023	10:12:24 PM	1.0 hour	69.9	100.2	48.9	77	70	63	56	53	51	50	49
9	3/1/2023	11:12:24 PM	1.0 hour	68.2	93.4	47.7	82	69	60	54	52	50	49	48
10	3/1/2023	12:12:24 AM	1.0 hour	72.8	101.1	43.3	84	74	65	54	50	47	46	45
11	3/1/2023	1:12:24 AM	1.0 hour	54.9	78.1	42.4	68	56	50	46	45	44	43	42
12	3/2/2023	2:12:24 AM	1.0 hour	66.8	93.6	42.5	73	60	53	48	47	44	44	43
13	3/2/2023	3:12:24 AM	1.0 hour	60.3	86.2	45.4	73	64	57	51	49	47	47	46
14	3/2/2023	4:12:24 AM	1.0 hour	64	91.2	48	74	64	57	53	51	49	49	48
15	3/2/2023	5:12:24 AM	1.0 hour	71.3	101	50.6	82	71	66	58	56	53	52	51
16	3/2/2023	6:12:24 AM	1.0 hour	71.3	91.6	53.6	85	75	72	64	58	55	55	54
17	3/2/2023	7:12:24 AM	1.0 hour	72.5	98.5	52.6	86	75	72	66	59	54	54	53
18	3/2/2023	8:12:24 AM	1.0 hour	76.2	104.4	51.3	87	76	73	68	61	55	54	52
19	3/2/2023	9:12:24 AM	1.0 hour	74.6	100.9	49.3	86	75	72	65	57	52	52	50
20	3/2/2023	10:12:24 AM	1.0 hour	73.6	101	49.8	84	74	71	65	59	54	53	51
21	3/2/2023	11:12:24 AM	1.0 hour	74.6	97.3	49.8	86	77	73	68	61	54	53	51
22	3/2/2023	12:12:24 PM	1.0 hour	70.5	92.1	50.5	83	74	72	67	60	54	53	51
23	3/2/2023	1:12:24 PM	1.0 hour	71.9	93.3	52.3	84	76	73	68	61	56	55	54
24	3/2/2023	2:12:24 PM	1.0 hour	75.4	103.7	53	86	77	73	69	62	56	56	55
25	3/2/2023	3:12:24 PM	1.0 hour	74.4	100.4	54	86	76	73	69	62	57	56	55
26	3/2/2023	4:12:24 PM	1.0 hour	75.6	100.9	54.1	89	76	73	69	63	58	57	56
27	3/2/2023	5:12:24 PM	1.0 hour	74.6	98.7	51.9	87	78	74	70	64	56	55	53
28	3/2/2023	6:12:24 PM	1.0 hour	75.8	104.1	53	87	75	72	67	61	55	55	53
29	3/2/2023	7:12:24 PM	1.0 hour	73.7	100.1	52.9	86	77	72	65	58	54	54	53
30	3/2/2023	8:12:24 PM	1.0 hour	73.4	99.1	52.7	87	73	69	61	57	54	54	53
31	3/2/2023	9:12:24 PM	1.0 hour	74.6	101.3	52.2	87	74	70	62	57	54	54	53
32	3/2/2023	10:12:24 PM	1.0 hour	71	96.1	47.4	84	72	65	56	52	49	49	48
33	3/2/2023	11:12:24 PM	1.0 hour	73	97.3	45.8	87	73	64	55	51	48	47	47
34	3/2/2023	12:12:24 AM	1.0 hour	73.5	99.6	43.8	87	76	66	53	49	46	45	44
35	3/2/2023	1:12:24 AM	1.0 hour	57.5	80	42.3	71	58	53	48	46	44	43	43
36	3/3/2023	2:12:24 AM	1.0 hour	54.6	76.9	42.4	68	57	53	49	46	44	44	43
37	3/3/2023	3:12:24 AM	1.0 hour	71	96.3	43.6	80	68	62	55	50	47	46	45
38	3/3/2023	4:12:24 AM	1.0 hour	65.4	96.5	45.9	73	64	57	52	50	48	48	47
39	3/3/2023	5:12:24 AM	1.0 hour	70.8	99.9	46.3	83	71	66	55	51	48	47	47
40	3/3/2023	6:12:24 AM	1.0 hour	73.3	98.8	48.2	86	74	70	62	54	50	50	49
41	3/3/2023	7:12:24 AM	1.0 hour	75.2	101.5	46.6	87	75	72	66	57	50	49	48
42	3/3/2023	8:12:24 AM	1.0 hour	75	99.1	51.6	88	76	73	67	60	54	53	52
43	3/3/2023	9:12:24 AM	1.0 hour	75	101.7	35.6	87	79	74	68	60	54	53	38
44	3/3/2023	10:12:24 AM	4 2 min	79.2	93.7	35.6	93	81	71	63	51	38	37	35

Number	Start Date	Start Time	Duration	LAeq	LASmax	LASmin	LAS1%	LAS5%	LAS10%	LAS25%	LAS50%	LAS90%	LAS95%	LAS99%
1	3/1/2023	2:17:14 PM	0:42:46	71	89.1	49.7	81.9	76.7	73.1	68.4	66.5	64.4	63.3	53.7
2	3/1/2023	3:00:02 PM	0:59:58	69.3	88.4	63.2	78.9	73.3	70.4	68.1	66.7	64.9	64.6	64.1
3	3/1/2023	4:00:02 PM	0:59:58	68.6	84.3	62.8	76.2	71.6	70	68.5	67.4	65.7	65.3	64.2
4	3/1/2023	5:00:02 PM	0:59:58	68	83.4	62.8	75.2	71.5	69.6	68.1	66.9	65.2	64.8	64
5	3/1/2023	6:00:02 PM	0:59:58	70	93.8	63.5	76.9	73.6	71.4	68.8	67.6	65.8	65.2	64.3
6	3/1/2023	7:00:02 PM	0:59:58	71.2	95.6	63.2	78.3	73.9	71.9	69.4	67.9	66.3	65.8	64.7
7	3/1/2023	8:00:02 PM	0:59:58	68.1	82.6	61.7	74.7	70.6	69.5	68.3	67.2	65.3	64.7	63.7
8	3/1/2023	9:00:02 PM	0:59:58	68.4	88.1	62.4	77.3	70.1	68.9	67.7	66.7	65	64.6	63.8
9	3/1/2023	10:00:02 PM	0:59:58	67.7	84.9	62.1	73.1	69.5	68.8	67.8	67	65.3	64.8	63.6
10	3/1/2023	11:00:02 PM	0:59:58	66.1	80.2	59.2	73.7	68.8	67.6	66.2	65	62.9	62.3	61.1
11	3/2/2023	12:00:02 AM	0:59:58	66.7	81	57.6	76.6	70.9	68.7	66.5	64.1	61.4	60.8	59.9
12	3/2/2023	1:00:02 AM	0:59:58	65.4	80	54.5	76.3	69.5	67.3	64.6	62.7	58.9	58	56.3
13	3/2/2023	2:00:02 AM	0:59:58	66.7	89.2	54.7	75.7	70.2	68.4	67	64.9	59.5	58.3	56.4
14	3/2/2023	3:00:02 AM	0:59:58	65	82.3	55.7	72.5	68.4	66.9	65.3	63.6	60.5	59.6	57.5
15	3/2/2023	4:00:02 AM	0:59:58	67.7	81.6	59.8	74.2	71.4	69.9	68.2	66.6	64.1	63.4	62.4
16	3/2/2023	5:00:02 AM	0:59:58	71	90.1	63	77.9	73.5	72.3	70.8	69.6	67.7	67.1	65.8
17	3/2/2023	6:00:02 AM	0:59:58	71.3	83.8	66	76.9	73.9	72.7	71.5	70.6	69.1	68.6	67.5
18	3/2/2023	7:00:02 AM	0:59:58	70.8	81.8	65.6	75.6	73.4	72.5	71.3	70.3	68.7	68.3	67.1
19	3/2/2023	8:00:02 AM	0:59:58	69.5	84.1	64	75.4	72.8	71.5	69.9	68.6	66.7	66.1	65.2
20	3/2/2023	9:00:02 AM	0:59:58	70.4	89.1	64.4	77.9	73.4	71.9	70.3	69.2	67.3	66.9	65.7
21	3/2/2023	10:00:02 AM	0:59:58	71.1	85.8	63.9	78.3	75.2	73.4	71	69.7	67.7	67.1	66.3
22	3/2/2023	11:00:02 AM	0:59:58	75.4	92.2	60.2	88.6	82	75.7	70.7	68.5	64	63.2	61.8
23	3/2/2023	12:00:02 PM	0:59:58	66.9	84.4	59.2	77.4	69.4	67.5	65.9	64.6	62.5	61.9	61
24	3/2/2023	1:00:02 PM	0:59:58	67.5	83.2	61.2	77.2	71.4	68.6	66.6	65.1	63.1	62.7	62
25	3/2/2023	2:00:02 PM	0:59:58	68.2	84.6	60.7	78.9	71.9	69.4	67	65.6	63.9	63.5	62.7
26	3/2/2023	3:00:02 PM	0:59:58	68.5	84.9	60.8	78.7	72.8	69.7	67.2	65.9	64.1	63.7	62.9
27	3/2/2023	4:00:02 PM	0:59:58	67.7	83.1	62.5	77.4	70.2	68.6	67.2	66.3	64.6	64.2	63.4
28	3/2/2023	5:00:02 PM	0:59:58	69.2	89.5	62.7	77.9	73.4	70.8	68	66.6	65	64.6	63.8
29	3/2/2023	6:00:02 PM	0:59:58	69.1	84.3	62.6	77.2	73.8	71.8	69	67	65	64.5	63.8
30	3/2/2023	7:00:02 PM	0:59:58	69.1	80.6	62.1	77.1	73.5	71.6	68.9	67.4	65.4	65	64.1
31	3/2/2023	8:00:02 PM	0:59:58	68.5	86	61.3	78.3	72.4	69.1	67.6	66.5	64.5	64.1	63.1
32	3/2/2023	9:00:02 PM	0:59:58	69.5	86.9	62.7	81.3	71.8	69	67.5	66.6	65.2	64.7	63.9
33	3/2/2023	10:00:02 PM	0:59:58	67.6	83.4	60.5	78.1	69.8	68	66.7	65.8	64.2	63.6	62.3
34	3/2/2023	11:00:02 PM	0:59:58	68.5	86.9	57.7	81.3	71.8	68.5	66	64.5	62	61.5	59.8
35	3/3/2023	12:00:02 AM	0:59:58	71.7	90.8	57.5	84.1	76.5	72.9	70.2	66.2	61.2	60.4	59
36	3/3/2023	1:00:02 AM	0:59:58	66.6	87.8	55.6	76.4	70.2	68.1	66.1	62.8	59	58.2	57.1
37	3/3/2023	2:00:02 AM	0:59:58	70.7	92.5	56.3	81.4	75.1	73.6	69.7	63.8	59.3	58.6	57.3
38	3/3/2023	3:00:02 AM	0:59:58	68.8	87.3	57.6	78.6	73.4	70.6	68.4	66.3	61.9	61	59.8
39	3/3/2023	4:00:02 AM	0:59:58	67.7	89.8	60.3	75	71.2	69.6	67.9	66.2	63.7	63.1	61.9
40	3/3/2023	5:00:02 AM	0:59:58	69.2	82	62.2	76.8	72.5	70.9	69.4	67.9	65.7	65.1	64.1
41	3/3/2023	6:00:02 AM	0:59:58	69.8	81.9	63.1	77	73.1	71.5	70.1	68.8	66.6	65.8	64.8
42	3/3/2023	7:00:02 AM	0:59:58	70	82.9	63.9	75.6	72.7	71.7	70.5	69.2	67.3	66.9	66
43	3/3/2023	8:00:02 AM	0:59:58	71.8	93.3	65.5	78.5	75.3	73.1	71.6	70.6	68.8	68.3	67
44	3/3/2023	9:00:01 AM	0:27:46	73.1	96.2	50.8	81.7	77	74.1	71.9	70.8	69.1	68.4	66.1

Number	Start Date	Start Time	Duration	LAeq	LASmax	LASmin	LAS1%	LAS5%	LAS10%	LAS25%	LAS50%	LAS90%	LAS95%	LAS99%
1	3/1/2023	1:46:06 PM	0:13:54	72.5	91.7	46.4	83.5	77.7	74.2	70.4	68.2	58.5	54.1	49.5
2	3/1/2023	2:00:02 PM	0:59:58	69.6	83.2	63.7	78.3	73	71.2	69.6	68.2	66.4	65.8	64.9
3	3/1/2023	3:00:02 PM	0:59:58	69.8	85.7	64	78.7	73.3	70.9	69.3	68	66.3	65.8	65.1
4	3/1/2023	4:00:02 PM	0:59:58	69.3	85.2	63.8	76.1	72.1	70.8	69.4	68.3	66.7	66.2	65.5
5	3/1/2023	5:00:02 PM	0:59:58	68.2	87.5	62.3	75.8	70.9	69.6	68.2	66.8	64.5	64	63.2
6	3/1/2023	6:00:02 PM	0:59:58	68.4	84.9	63	75.4	70.6	69.7	68.5	67.6	65.8	65.1	64.1
7	3/1/2023	7:00:02 PM	0:59:58	68.4	80.7	63.5	76.7	71.1	69.9	68.4	67.3	65.6	65.2	64.4
8	3/1/2023	8:00:02 PM	0:59:58	68	84.9	61.2	77.1	70.9	69.1	67.5	66.3	64.4	63.8	62.8
9	3/1/2023	9:00:02 PM	0:59:58	66.2	83.9	60.1	74.9	69	67.4	65.9	64.3	62	61.5	60.8
10	3/1/2023	10:00:02 PM	0:59:58	65.8	77.7	58.2	71.5	68.4	67.5	66.3	65.2	63.3	62.8	61.6
11	3/1/2023	11:00:02 PM	0:59:58	65.5	83.1	58.2	74.3	68.9	67.2	65.3	63.7	61.2	60.5	59.5
12	3/2/2023	12:00:02 AM	0:59:58	66	87.8	55.4	76.5	70.8	67.6	64.3	62.4	59	58.1	56.5
13	3/2/2023	1:00:02 AM	0:59:58	64	82.3	52.5	76.9	67	64.5	62	59.7	56.1	55.1	53.8
14	3/2/2023	2:00:02 AM	0:59:58	63.3	86.2	52.3	72.1	66.3	64.4	61.8	59.6	56.1	55.3	53.8
15	3/2/2023	3:00:02 AM	0:59:58	64.1	86.1	53.4	71.2	67.8	66.4	64.2	62	58.3	57.4	56.1
16	3/2/2023	4:00:02 AM	0:59:58	65.6	74.9	58	71.3	68.8	67.9	66.4	64.8	62.3	61.5	59.5
17	3/2/2023	5:00:02 AM	0:59:58	68.3	83.3	61.5	73.9	71.1	70.2	68.8	67.5	64.9	64.2	63.3
18	3/2/2023	6:00:02 AM	0:59:58	69.9	81	64.1	75.2	72.4	71.5	70.4	69.3	67.2	66.7	65.4
19	3/2/2023	7:00:02 AM	0:59:58	68.9	81.9	61.8	75.5	72	71	69.5	68.2	65.1	64.3	63.4
20	3/2/2023	8:00:02 AM	0:59:58	68.1	80.5	62.4	74.8	70.8	69.9	68.4	67.2	65.4	65	64
21	3/2/2023	9:00:02 AM	0:59:58	67.9	82.1	62.5	76.3	72.2	70	67.7	66.1	64.2	63.8	63.1
22	3/2/2023	10:00:02 AM	0:59:58	66.9	79.1	59.9	74.6	70.5	69.2	67.4	65.6	63	62.4	61.5
23	3/2/2023	11:00:02 AM	0:59:58	69.8	86.8	59.7	82.3	73.3	70	67.9	66.1	63.4	62.6	61.1
24	3/2/2023	12:00:02 PM	0:59:58	69.7	91.8	60.5	80	72.2	70.1	68.1	66.7	64.5	63.9	62.7
25	3/2/2023	1:00:02 PM	0:59:58	69	87	62.8	77.8	72.4	70.3	68.5	67.2	65.3	64.9	63.7
26	3/2/2023	2:00:02 PM	0:59:58	69.5	85.5	63.1	78.2	72.8	70.8	69.1	68	66	65.6	64.8
27	3/2/2023	3:00:02 PM	0:59:58	70.5	91.3	63.4	80.1	73.7	71.3	69.6	68.2	66.2	65.8	65
28	3/2/2023	4:00:02 PM	0:59:58	69.8	86.5	65.2	78.2	72.8	71.1	69.6	68.5	67	66.6	66.1
29	3/2/2023	5:00:02 PM	0:59:58	69.2	83.6	62.6	76.8	72.5	71	69.3	67.9	65.2	64.6	63.6
30	3/2/2023	6:00:02 PM	0:59:58	68.7	84.6	62.5	76.6	72.4	70.6	68.7	67.2	64.9	64.4	63.5
31	3/2/2023	7:00:02 PM	0:59:58	69.2	82	63.4	78.3	73.1	70.7	68.8	67.6	65.7	65.3	64.6
32	3/2/2023	8:00:02 PM	0:59:58	68.6	87.9	62.4	77.5	71.7	69.9	68.2	67	65.1	64.5	63.6
33	3/2/2023	9:00:02 PM	0:59:58	69.6	84.8	63.3	80.5	72.7	70.2	68.5	67.4	65.8	65.3	64.6
34	3/2/2023	10:00:02 PM	0:59:58	67.9	84.5	60.9	77.5	70.9	69.2	67.5	66.1	63.9	63.3	62.3
35	3/2/2023	11:00:02 PM	0:59:58	68.3	86.9	58.6	80.8	71.4	68.1	66.1	64.5	62	61.3	59.9
36	3/3/2023	12:00:02 AM	0:59:58	69.8	88	55.2	83.5	75.2	69.3	64.9	62.9	59.7	58.8	57.5
37	3/3/2023	1:00:02 AM	0:59:58	63.3	80.7	53.9	71.5	67.2	65.6	63.3	61.4	58.4	57.7	56.4
38	3/3/2023	2:00:02 AM	0:59:58	63.3	82.5	54.4	70.9	66.8	65.1	63.1	61.3	58.2	57.4	56.4
39	3/3/2023	3:00:02 AM	0:59:58	67.5	87.1	56.8	78.7	71.2	68.9	66.1	63.9	60.4	59.6	58.1
40	3/3/2023	4:00:02 AM	0:59:58	66.4	77.1	58.7	72.2	69.6	68.5	67	65.6	63	62.4	61
41	3/3/2023	5:00:02 AM	0:59:58	69.1	87.2	61.2	75.6	72	70.8	69.3	67.8	65	64.2	63.1
42	3/3/2023	6:00:02 AM	0:59:58	69.8	88.8	64	76.1	73	71.7	70.1	68.8	66.8	66.1	65.2
43	3/3/2023	7:00:02 AM	0:59:58	69.1	82.6	64	74.9	72.2	71.2	69.6	68.2	66.2	65.7	65
44	3/3/2023	8:00:02 AM	0:59:58	69.2	80.5	62.9	76.2	72.5	71.5	69.8	67.9	65.6	65	64
45	3/3/2023	9:00:00 AM	0:05:33	72.1	87.3	54.8	82.6	77.4	74.6	70.8	69.1	64.8	64.2	56.5

Noise Appendix

Short Term Measurement Data

Summary	
File Name on Meter	831_Data.066.s
File Name on PC	831_0003785-20230302 092000-831_Data.066.ldbin
Serial Number	0003785
Model	Model 831
Firmware Version	2.403
User	
Location	
Job Description	
Note	

Measurement	
Description	
Start	2023-03-02 09:20:00
Stop	2023-03-02 09:35:00
Duration	00:15:00 0
Run Time	00:15:00 0
Pause	00:00:00 0
Pre-Calibration	2023-03-02 09:13:16
Post-Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRM831
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	Bin Max
Gain	0 0 dB
Overload	144.7 dB
	A
Under Range Peak	**77.1**
Under Range Limit	**26.7**
Noise Floor	17 5
	First
Instrument Identification	

Results

L_{Aeq}	73 0 dB	
LAE	102 5 dB	
EA	1 995 mPa²h	
$L_{Apeak\ (max)}$	2023-03-02 09:27:55	98.7 dB
LAS_{max}	2023-03-02 09:27:55	87.2 dB
LAS_{min}	2023-03-02 09:22:54	68.9 dB
SEA	-99 9 dB	

	Exceedance Counts	Duration
LAS > 65.0 dB	1	899.9 s
LAS > 85.0 dB	1	1.8 s
L_{Apeak} > 135.0 dB	0	0.0 s
L_{Apeak} > 137.0 dB	0	0.0 s
L_{Apeak} > 140.0 dB	0	0.0 s

Community Noise	**Ldn**	
	73 0	
L_{Ceq}	82 3 dB	
L_{Aeq}	73 0 dB	
L_{Ceq} - L_{Aeq}	9 3 dB	
L_{AIeq}	74.4 dB	
L_{Aeq}	73 0 dB	
L_{AIeq} - L_{Aeq}	1.4 dB	

	A	
	dB	**Time Stamp**
L_{eq}	73 0	
$L_{S(max)}$	87 2	2023/03/02 9:27:55
$L_{F(max)}$	90 8	2023/03/02 9:27:55
$L_{I(max)}$	91.7	2023/03/02 9:27:55
$L_{S(min)}$	68 9	2023/03/02 9:22:54
$L_{F(min)}$	67 9	2023/03/02 9:34:56
$L_{I(min)}$	68 3	2023/03/02 9:34:56
$L_{Peak(max)}$	98.7	2023/03/02 9:27:55

Overload Count	0
Overload Duration	0 0 s
OBA Overload Count	0
OBA Overload Duration	0 0 s

Statistics

LA 1.00	80 0 dB
LA 10.00	74 8 dB
LA 25.00	72 9 dB
LA 50.00	71 8 dB
LA 90.00	70 3 dB
LA 99.00	69.4 dB

Calibration History

Preamp	Date	dB re. 1V/Pa
PRM831	2023-03-02 09:13:09	-27.14
PRM831	2023-03-02 08:35:21	-27.11
PRM831	2023-03-02 08:34:52	-27.12
PRM831	2022-10-21 12:44:14	-26 92
PRM831	2022-10-21 12:25:57	-26 91
PRM831	2022-10-21 12:13:44	-26 88
PRM831	2022-10-21 11:55:57	-26 98
PRM831	2022-10-21 11:45:31	-26 87
PRM831	2022-10-21 11:33:11	-27 01
PRM831	2022-10-21 11:12:47	-26.77
PRM831	2022-10-21 11:05:29	-26 90

Summary	
File Name on Meter	831_Data.067.s
File Name on PC	831_0003785-20230302 103500-831_Data.067.ldbin
Serial Number	0003785
Model	Model 831
Firmware Version	2.403
User	
Location	
Job Description	
Note	

Measurement	
Description	
Start	2023-03-02 10:35 00
Stop	2023-03-02 10:50 00
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00 00:00.0
Pre-Calibration	2023-03-02 10:32:11
Post-Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRM831
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	Bin Max
Gain	0.0 dB
Overload	144.7 dB
	A
Under Range Peak	**77.2**
Under Range Limit	**26.7**
Noise Floor	17.6
	First
Instrument Identification	

Results

L_{Aeq}	68.0	dB	
LAE	97.5	dB	
EA	630.958	µPa²h	
$L_{Apeak\ (max)}$	2023-03-02 10:44:28		100.5 dB
LAS_{max}	2023-03-02 10:44:28		76.9 dB
LAS_{min}	2023-03-02 10:43:34		63.5 dB
SEA	-99.9	dB	

	Exceedance Counts
LAS > 65.0 dB	1
LAS > 85.0 dB	0
L_{Apeak} > 135.0 dB	0
L_{Apeak} > 137.0 dB	0
L_{Apeak} > 140.0 dB	0

Community Noise	**Ldn**	
	68.0	
LC_{eq}	76.6	dB
L_{Aeq}	68.0	dB
LC_{eq} - L_{Aeq}	8.6	dB
L_{AIeq}	72.6	dB
L_{Aeq}	68.0	dB
L_{AIeq} - L_{Aeq}	4.6	dB

	A	
	dB	**Time Stamp**
L_{eq}	68.0	
$L_{S(max)}$	76.9	2023/03/02 10:44:28
$L_{F(max)}$	84.1	2023/03/02 10:44:28
$L_{I(max)}$	87.8	2023/03/02 10:44:28
$L_{S(min)}$	63.5	2023/03/02 10:43:34
$L_{F(min)}$	62.8	2023/03/02 10:43:39
$L_{I(min)}$	63.1	2023/03/02 10:37:26
$L_{Peak(max)}$	100.5	2023/03/02 10:44:28

Overload Count	0	
Overload Duration	0.0	s
OBA Overload Count	0	
OBA Overload Duration	0.0	s

Statistics

LA 1.00	74.7	dB
LA 10.00	71.1	dB
LA 25.00	68.2	dB
LA 50.00	66.3	dB
LA 90.00	64.4	dB
LA 99.00	63.8	dB

Calibration History

Preamp	Date	dB re. 1V/Pa
PRM831	2023-03-02 10:31:47	-27.19
PRM831	2023-03-02 09:40:19	-27 35
PRM831	2023-03-02 09:13 09	-27.14
PRM831	2023-03-02 08:35:21	-27.11
PRM831	2023-03-02 08:34:52	-27.12
PRM831	2022-10-21 12:44:14	-26 92
PRM831	2022-10-21 12:25:57	-26 91
PRM831	2022-10-21 12:13:44	-26 88
PRM831	2022-10-21 11:55:57	-26 98
PRM831	2022-10-21 11:45:31	-26 87
PRM831	2022-10-21 11:33:11	-27 01

Summary	
File Name on Meter	831_Data 072.s
File Name on PC	831_0003785-20230303 090300-831_Data.072.ldbin
Serial Number	0003785
Model	Model 831
Firmware Version	2.403
User	
Location	
Job Description	
Note	

Measurement	
Description	
Start	2023-03-03 09:03 00
Stop	2023-03-03 09:18 00
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00:00:00.0
Pre-Calibration	2023-03-03 09:00:22
Post-Calibration	2023-03-03 09:21:56
Calibration Deviation	-0.12 dB

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRM831
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	Bin Max
Gain	0.0 dB
Overload	144.8 dB
	A
Under Range Peak	77.2
Under Range Limit	26.7
Noise Floor	17.6
	First
Instrument Identification	

Results

LAeq	62.6 dB		
LAE	92.1 dB		
EA	181.970 µPa²h		
LApeak (max)	2023-03-03 09:05:36		91.7 dB
LASmax	2023-03-03 09:12 05		75.3 dB
LASmin	2023-03-03 09:10:52		50.8 dB
SEA	-99.9 dB		

	Exceedance Counts	Duration
LAS > 65.0 dB	14	128.1 s
LAS > 85.0 dB	0	0 0 s
LApeak > 135.0 dB	0	0.0 s
LApeak > 137.0 dB	0	0.0 s
LApeak > 140.0 dB	0	0.0 s

Community Noise	**Ldn**
	62.6

LCeq	73.4 dB
LAeq	62.6 dB
LCeq - LAeq	10.8 dB
LAleq	64.3 dB
LAeq	62.6 dB
LAleq - LAeq	1.7 dB

	A	
	dB	**Time Stamp**
Leq	62.6	
LS(max)	75.3	2023/03/03 9:12:05
LF(max)	77.4	2023/03/03 9:12:05
LI(max)	78.9	2023/03/03 9:12:05
LS(min)	50.8	2023/03/03 9:10:52
LF(min)	49.9	2023/03/03 9:10:58
LI(min)	50.8	2023/03/03 9:10:52
LPeak(max)	91.7	2023/03/03 9:05:36

Overload Count	0
Overload Duration	0.0 s
OBA Overload Count	0
OBA Overload Duration	0.0 s

Statistics

LA 1.00	72.6 dB
LA 10.00	65.8 dB
LA 25.00	61.9 dB
LA 50.00	58.9 dB
LA 90.00	53.2 dB
LA 99.00	51.2 dB

Calibration History

Preamp	Date	dB re. 1V/Pa
PRM831	2023-03-03 09:21:55	-27.25
PRM831	2023-03-03 09:00:21	-27.12
PRM831	2023-03-03 08:58:57	-27.18
PRM831	2023-03-02 15:54 00	-27.30
PRM831	2023-03-02 14:58:50	-27.15
PRM831	2023-03-02 14:10:49	-27.19
PRM831	2023-03-02 11:58:17	-27.20
PRM831	2023-03-02 11:33:12	-27.23
PRM831	2023-03-02 10:54:22	-27.26
PRM831	2023-03-02 10:31:47	-27.19
PRM831	2023-03-02 09:40:19	-27.35

Summary	
File Name on Meter	831_Data.068.s
File Name on PC	831_0003785-20230302 113900-831_Data.068.ldbin
Serial Number	0003785
Model	Model 831
Firmware Version	2.403
User	
Location	
Job Description	
Note	

Measurement	
Description	
Start	2023-03-02 11:39:00
Stop	2023-03-02 11:54:00
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00 00:00.0
Pre-Calibration	2023-03-02 11:33:21
Post-Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRM831
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	Bin Max
Gain	0.0 dB
Overload	144.8 dB
	A
Under Range Peak	**77.2**
Under Range Limit	**26.7**
Noise Floor	17.6
	First
Instrument Identification	

Results

L_{Aeq}	57.8 dB	
LAE	87.3 dB	
EA	60.256 µPa²h	
$L_{Apeak\ (max)}$	2023-03-02 11:45:27	89.9 dB
L_{ASmax}	2023-03-02 11:43:26	71.5 dB
L_{ASmin}	2023-03-02 11:52:39	53.7 dB
SEA	-99.9 dB	

	Exceedance Counts	Duration
LAS > 65.0 dB	4	31.4 s
LAS > 85.0 dB	0	0.0 s
L_{Apeak} > 135.0 dB	0	0.0 s
L_{Apeak} > 137.0 dB	0	0.0 s
L_{Apeak} > 140.0 dB	0	0.0 s

Community Noise	**Ldn**
	57.8

L_{Ceq}	69.9 dB	
L_{Aeq}	57.8 dB	
L_{Ceq} - L_{Aeq}	12.1 dB	
L_{AIeq}	59.5 dB	
L_{Aeq}	57.8 dB	
L_{AIeq} - L_{Aeq}	1.7 dB	

	A	
	dB	**Time Stamp**
L_{eq}	57.8	
$L_{S(max)}$	71.5	2023/03/02 11:43:26
$L_{F(max)}$	73.5	2023/03/02 11:43:21
$L_{I(max)}$	76.1	2023/03/02 11:43:21
$L_{S(min)}$	53.7	2023/03/02 11:52:39
$L_{F(min)}$	53.1	2023/03/02 11:52:39
$L_{I(min)}$	53.5	2023/03/02 11:44:58
$L_{Peak(max)}$	89.9	2023/03/02 11:45:27

Overload Count	0	
Overload Duration	0.0 s	
OBA Overload Count	0	
OBA Overload Duration	0.0 s	

Statistics

LA 1.00	70.1 dB
LA 10.00	57.5 dB
LA 25.00	55.8 dB
LA 50.00	55.1 dB
LA 90.00	54.4 dB
LA 99.00	53.9 dB

Calibration History

Preamp	Date	dB re. 1V/Pa
PRM831	2023-03-02 11:33:12	-27.23
PRM831	2023-03-02 10:54:22	-27.26
PRM831	2023-03-02 10:31:47	-27.19
PRM831	2023-03-02 09:40:19	-27.35
PRM831	2023-03-02 09:13:09	-27.14
PRM831	2023-03-02 08:35:21	-27.11
PRM831	2023-03-02 08:34:52	-27.12
PRM831	2022-10-21 12:44:14	-26.92
PRM831	2022-10-21 12:25:57	-26.91
PRM831	2022-10-21 12:13:44	-26.88
PRM831	2022-10-21 11:55:57	-26.98

Infinite 131 Project ST-1 Time History

Record #	Record Type	Date	Time	LAeq	LASmax	LASmin
1	Calibration Change	2023-03-02	9:13:16			
2	Run	2023-03-02	9:20:00			
3		2023-03-02	9:20:00	72.1	74.3	69.8
4		2023-03-02	9:20:10	73.1	74.9	71.1
5		2023-03-02	9:20:20	72.2	73.2	71.6
6		2023-03-02	9:20:30	71.8	73.5	70.6
7		2023-03-02	9:20:40	70.8	72.2	69.4
8		2023-03-02	9:20:50	71.0	71.6	70.0
9		2023-03-02	9:21:00	75.9	78.2	71.4
10		2023-03-02	9:21:10	72.9	75.6	71.6
11		2023-03-02	9:21:20	73.6	76.6	71.7
12		2023-03-02	9:21:30	72.7	75.2	70.9
13		2023-03-02	9:21:40	73.6	75.7	72.1
14		2023-03-02	9:21:50	71.9	72.7	70.9
15		2023-03-02	9:22:00	71.0	72.6	69.9
16		2023-03-02	9:22:10	72.0	72.8	70.8
17		2023-03-02	9:22:20	74.1	77.8	70.8
18		2023-03-02	9:22:30	71.8	77.3	70.2
19		2023-03-02	9:22:40	70.7	71.2	70.0
20		2023-03-02	9:22:50	72.4	76.0	68.9
21		2023-03-02	9:23:00	72.6	76.3	70.6
22		2023-03-02	9:23:10	71.6	72.4	71.0
23		2023-03-02	9:23:20	71.0	72.2	69.3
24		2023-03-02	9:23:30	72.6	74.3	71.0
25		2023-03-02	9:23:40	73.4	75.2	72.2
26		2023-03-02	9:23:50	70.5	72.2	69.9
27		2023-03-02	9:24:00	72.7	73.6	70.4
28		2023-03-02	9:24:10	71.8	73.5	70.8
29		2023-03-02	9:24:20	71.8	73.4	71.1
30		2023-03-02	9:24:30	72.1	74.2	69.8
31		2023-03-02	9:24:40	70.9	71.9	70.2
32		2023-03-02	9:24:50	72.3	73.0	70.5
33		2023-03-02	9:25:00	71.5	73.6	70.3
34		2023-03-02	9:25:10	70.8	71.7	70.2
35		2023-03-02	9:25:20	70.3	70.8	69.7
36		2023-03-02	9:25:30	72.3	72.9	70.0
37		2023-03-02	9:25:40	71.8	72.8	70.9
38		2023-03-02	9:25:50	71.4	72.5	70.6
39		2023-03-02	9:26:00	72.0	73.5	70.7
40		2023-03-02	9:26:10	76.8	81.2	70.7
41		2023-03-02	9:26:20	73.5	76.5	70.8
42		2023-03-02	9:26:30	73.6	76.2	72.2
43		2023-03-02	9:26:40	71.8	73.4	70.5
44		2023-03-02	9:26:50	70.8	72.0	69.8
45		2023-03-02	9:27:00	72.1	73.1	70.8
46		2023-03-02	9:27:10	73.9	75.5	72.5

47		2023-03-02	9:27:20	71.9	73.0	71.0
48		2023-03-02	9:27:30	71.3	72.8	69.7
49		2023-03-02	9:27:40	71.9	73.7	69.6
50		2023-03-02	9:27:50	80.5	87.2	70.4
51		2023-03-02	9:28:00	75.3	78.9	72.9
52		2023-03-02	9:28:10	73.3	76.7	71.2
53		2023-03-02	9:28:20	72.8	76.8	71.3
54		2023-03-02	9:28:30	71.2	72.8	69.4
55		2023-03-02	9:28:40	73.6	75.9	71.5
56		2023-03-02	9:28:50	73.1	75.4	71.8
57		2023-03-02	9:29:00	70.6	72.1	69.9
58		2023-03-02	9:29:10	72.4	74.1	69.6
59		2023-03-02	9:29:20	73.8	76.2	71.9
60		2023-03-02	9:29:30	70.9	71.9	69.7
61		2023-03-02	9:29:40	70.4	71.1	69.5
62		2023-03-02	9:29:50	70.4	71.1	69.1
63		2023-03-02	9:30:00	70.7	72.8	69.5
64		2023-03-02	9:30:10	72.9	75.9	69.2
65		2023-03-02	9:30:20	72.2	73.1	70.4
66		2023-03-02	9:30:30	72.9	75.3	71.4
67		2023-03-02	9:30:40	71.9	72.9	70.6
68		2023-03-02	9:30:50	71.5	72.9	70.4
69		2023-03-02	9:31:00	71.3	72.7	69.5
70		2023-03-02	9:31:10	70.6	71.8	69.4
71		2023-03-02	9:31:20	70.2	71.2	69.5
72		2023-03-02	9:31:30	73.5	75.6	70.4
73		2023-03-02	9:31:40	71.9	73.6	71.3
74		2023-03-02	9:31:50	72.8	73.5	70.9
75		2023-03-02	9:32:00	72.2	73.9	70.6
76		2023-03-02	9:32:10	73.4	75.2	71.3
77		2023-03-02	9:32:20	74.4	79.1	70.5
78		2023-03-02	9:32:30	77.6	82.5	70.8
79		2023-03-02	9:32:40	75.2	79.1	70.5
80		2023-03-02	9:32:50	77.5	81.9	72.8
81		2023-03-02	9:33:00	71.7	75.4	71.0
82		2023-03-02	9:33:10	71.6	72.7	70.5
83		2023-03-02	9:33:20	75.2	78.5	71.3
84		2023-03-02	9:33:30	71.6	73.8	70.9
85		2023-03-02	9:33:40	69.8	71.1	69.0
86		2023-03-02	9:33:50	72.3	73.7	70.7
87		2023-03-02	9:34:00	71.6	72.3	71.0
88		2023-03-02	9:34:10	74.5	78.2	71.1
89		2023-03-02	9:34:20	70.8	71.7	70.2
90		2023-03-02	9:34:30	75.7	79.2	71.7
91		2023-03-02	9:34:40	74.1	77.4	70.6
92		2023-03-02	9:34:50	70.6	71.4	69.1
93	Stop	2023-03-02	9:35:00			

Infinite 131 Project ST-2 Time History

Record #	Record Type	Date	Time	LAeq	LASmax	LASmin
1	Calibration Change	2023-03-02	10:32:11			
2	Run	2023-03-02	10:35:00			
3		2023-03-02	10:35:00	66.8	69.8	64.0
4		2023-03-02	10:35:10	70.6	75.4	64.4
5		2023-03-02	10:35:20	66.4	69.6	64.2
6		2023-03-02	10:35:30	66.4	68.6	64.0
7		2023-03-02	10:35:40	66.0	67.6	65.3
8		2023-03-02	10:35:50	65.6	67.0	64.7
9		2023-03-02	10:36:00	67.3	71.0	65.0
10		2023-03-02	10:36:10	69.4	73.6	64.8
11		2023-03-02	10:36:20	73.9	76.3	67.7
12		2023-03-02	10:36:30	66.8	72.2	65.3
13		2023-03-02	10:36:40	65.5	70.7	64.6
14		2023-03-02	10:36:50	71.0	75.0	64.6
15		2023-03-02	10:37:00	67.6	71.4	64.9
16		2023-03-02	10:37:10	66.9	69.7	65.0
17		2023-03-02	10:37:20	66.8	70.1	63.9
18		2023-03-02	10:37:30	69.1	74.9	64.2
19		2023-03-02	10:37:40	66.7	70.1	64.5
20		2023-03-02	10:37:50	68.2	71.0	65.1
21		2023-03-02	10:38:00	65.8	68.8	64.3
22		2023-03-02	10:38:10	65.8	70.9	64.3
23		2023-03-02	10:38:20	64.3	64.8	63.9
24		2023-03-02	10:38:30	64.0	64.7	63.8
25		2023-03-02	10:38:40	65.5	69.2	63.6
26		2023-03-02	10:38:50	68.9	72.1	64.3
27		2023-03-02	10:39:00	72.4	74.3	69.3
28		2023-03-02	10:39:10	70.9	74.2	66.3
29		2023-03-02	10:39:20	65.6	66.7	65.1
30		2023-03-02	10:39:30	69.5	71.8	65.3
31		2023-03-02	10:39:40	69.5	74.4	65.3
32		2023-03-02	10:39:50	66.0	69.2	64.7
33		2023-03-02	10:40:00	65.7	66.4	64.2
34		2023-03-02	10:40:10	69.0	72.0	65.2
35		2023-03-02	10:40:20	66.0	68.0	63.9
36		2023-03-02	10:40:30	67.9	69.6	65.5
37		2023-03-02	10:40:40	70.9	74.8	66.2
38		2023-03-02	10:40:50	72.4	74.9	69.9
39		2023-03-02	10:41:00	71.4	73.3	70.0
40		2023-03-02	10:41:10	67.9	71.0	66.3
41		2023-03-02	10:41:20	66.3	68.0	65.0
42		2023-03-02	10:41:30	67.3	69.8	64.5
43		2023-03-02	10:41:40	65.7	67.7	64.8
44		2023-03-02	10:41:50	66.4	70.2	64.4
45		2023-03-02	10:42:00	65.4	69.7	64.2
46		2023-03-02	10:42:10	64.4	65.4	63.8

47		2023-03-02	10:42:20	64.9	66.8	63.6
48		2023-03-02	10:42:30	65.8	68.0	63.9
49		2023-03-02	10:42:40	64.6	67.7	63.9
50		2023-03-02	10:42:50	66.7	69.9	63.8
51		2023-03-02	10:43:00	65.9	70.0	64.1
52		2023-03-02	10:43:10	65.6	69.9	64.1
53		2023-03-02	10:43:20	64.4	65.2	64.1
54		2023-03-02	10:43:30	67.4	72.5	63.5
55		2023-03-02	10:43:40	71.8	75.5	65.8
56		2023-03-02	10:43:50	72.9	75.6	70.0
57		2023-03-02	10:44:00	70.7	75.4	64.6
58		2023-03-02	10:44:10	69.0	72.5	64.6
59		2023-03-02	10:44:20	70.7	76.9	66.0
60		2023-03-02	10:44:30	66.1	72.6	64.4
61		2023-03-02	10:44:40	67.3	71.1	64.4
62		2023-03-02	10:44:50	69.9	74.4	64.4
63		2023-03-02	10:45:00	67.5	73.3	64.6
64		2023-03-02	10:45:10	66.2	68.6	64.9
65		2023-03-02	10:45:20	67.1	68.9	64.8
66		2023-03-02	10:45:30	67.4	70.7	64.9
67		2023-03-02	10:45:40	67.5	70.6	65.7
68		2023-03-02	10:45:50	67.7	70.3	65.3
69		2023-03-02	10:46:00	65.0	66.2	64.4
70		2023-03-02	10:46:10	65.5	67.1	64.1
71		2023-03-02	10:46:20	64.3	67.1	63.8
72		2023-03-02	10:46:30	65.9	69.8	63.7
73		2023-03-02	10:46:40	67.9	71.6	64.7
74		2023-03-02	10:46:50	72.4	75.2	70.5
75		2023-03-02	10:47:00	68.2	72.0	64.9
76		2023-03-02	10:47:10	67.6	70.4	65.2
77		2023-03-02	10:47:20	68.0	70.6	66.3
78		2023-03-02	10:47:30	65.9	69.1	64.2
79		2023-03-02	10:47:40	67.7	70.0	64.8
80		2023-03-02	10:47:50	67.1	69.6	64.7
81		2023-03-02	10:48:00	67.8	70.0	66.2
82		2023-03-02	10:48:10	66.5	69.1	64.3
83		2023-03-02	10:48:20	66.4	67.9	64.6
84		2023-03-02	10:48:30	66.2	68.6	64.1
85		2023-03-02	10:48:40	65.0	65.8	64.5
86		2023-03-02	10:48:50	66.4	69.7	64.5
87		2023-03-02	10:49:00	66.9	70.7	64.1
88		2023-03-02	10:49:10	66.3	70.4	64.7
89		2023-03-02	10:49:20	66.1	70.8	64.3
90		2023-03-02	10:49:30	65.1	66.0	64.4
91		2023-03-02	10:49:40	65.4	68.6	64.1
92		2023-03-02	10:49:50	65.1	66.6	64.0
93	Stop	2023-03-02	10:50:00			

Infinite 131 Project

ST-3 Time History

Record #	Record Type	Date	Time	LAeq	LASmax	LASmin
1	Calibration Change	2023-03-03	8:58:59			
2	Calibration Change	2023-03-03	9:00:22			
3	Run	2023-03-03	9:03:00			
4		2023-03-03	9:03:00	53.3	55.7	52.0
5		2023-03-03	9:03:10	64.4	71.1	53.1
6		2023-03-03	9:03:20	60.9	71.1	56.8
7		2023-03-03	9:03:30	57.1	58.7	56.4
8		2023-03-03	9:03:40	59.3	61.5	55.3
9		2023-03-03	9:03:50	62.8	67.2	54.6
10		2023-03-03	9:04:00	54.6	56.9	53.1
11		2023-03-03	9:04:10	58.9	60.7	56.9
12		2023-03-03	9:04:20	58.9	61.4	56.8
13		2023-03-03	9:04:30	59.8	61.7	58.3
14		2023-03-03	9:04:40	58.0	62.5	52.9
15		2023-03-03	9:04:50	52.5	53.6	51.7
16		2023-03-03	9:05:00	53.7	55.2	51.3
17		2023-03-03	9:05:10	56.6	58.7	54.9
18		2023-03-03	9:05:20	57.5	61.0	52.9
19		2023-03-03	9:05:30	54.3	56.7	52.2
20		2023-03-03	9:05:40	58.4	60.5	56.1
21		2023-03-03	9:05:50	60.5	65.1	55.0
22		2023-03-03	9:06:00	65.7	69.3	59.7
23		2023-03-03	9:06:10	60.7	63.4	58.8
24		2023-03-03	9:06:20	57.9	63.3	55.2
25		2023-03-03	9:06:30	55.4	57.6	53.7
26		2023-03-03	9:06:40	63.0	64.9	57.6
27		2023-03-03	9:06:50	62.4	64.5	60.6
28		2023-03-03	9:07:00	60.0	65.5	54.9
29		2023-03-03	9:07:10	56.1	57.5	54.4
30		2023-03-03	9:07:20	60.4	62.2	56.0
31		2023-03-03	9:07:30	61.9	64.1	59.2
32		2023-03-03	9:07:40	67.3	70.2	62.9
33		2023-03-03	9:07:50	72.3	73.7	67.3
34		2023-03-03	9:08:00	69.5	72.6	64.8
35		2023-03-03	9:08:10	58.6	64.8	56.4
36		2023-03-03	9:08:20	54.8	57.1	53.3
37		2023-03-03	9:08:30	62.2	64.4	56.9
38		2023-03-03	9:08:40	61.3	63.9	59.7
39		2023-03-03	9:08:50	62.4	64.0	60.4
40		2023-03-03	9:09:00	55.2	60.4	53.5
41		2023-03-03	9:09:10	65.2	71.3	55.7
42		2023-03-03	9:09:20	70.8	75.2	67.5
43		2023-03-03	9:09:30	64.9	68.2	63.2
44		2023-03-03	9:09:40	62.3	64.9	61.4
45		2023-03-03	9:09:50	62.8	65.0	60.3
46		2023-03-03	9:10:00	63.5	67.1	56.5
47		2023-03-03	9:10:10	60.2	64.0	56.2

48		2023-03-03	9:10:20	51.7	56.5	51.0
49		2023-03-03	9:10:30	56.6	60.3	51.8
50		2023-03-03	9:10:40	51.7	55.1	51.2
51		2023-03-03	9:10:50	51.1	51.5	50.8
52		2023-03-03	9:11:00	55.8	59.7	51.2
53		2023-03-03	9:11:10	60.6	64.1	54.5
54		2023-03-03	9:11:20	52.0	54.5	51.2
55		2023-03-03	9:11:30	57.2	60.7	51.3
56		2023-03-03	9:11:40	65.5	67.8	60.8
57		2023-03-03	9:11:50	70.0	72.0	66.6
58		2023-03-03	9:12:00	71.6	75.3	67.1
59		2023-03-03	9:12:10	60.0	67.1	57.4
60		2023-03-03	9:12:20	58.5	59.6	56.6
61		2023-03-03	9:12:30	55.2	56.6	54.3
62		2023-03-03	9:12:40	62.2	65.8	56.0
63		2023-03-03	9:12:50	53.8	59.1	52.1
64		2023-03-03	9:13:00	55.1	58.8	52.0
65		2023-03-03	9:13:10	62.2	65.5	58.4
66		2023-03-03	9:13:20	53.8	58.4	52.5
67		2023-03-03	9:13:30	57.2	59.0	53.8
68		2023-03-03	9:13:40	65.1	70.4	57.3
69		2023-03-03	9:13:50	57.8	68.9	55.1
70		2023-03-03	9:14:00	59.6	61.3	57.3
71		2023-03-03	9:14:10	68.2	71.4	61.2
72		2023-03-03	9:14:20	59.3	63.2	56.4
73		2023-03-03	9:14:30	56.2	58.5	53.8
74		2023-03-03	9:14:40	59.8	62.4	58.5
75		2023-03-03	9:14:50	61.7	63.3	58.5
76		2023-03-03	9:15:00	61.3	63.2	59.7
77		2023-03-03	9:15:10	60.0	62.4	58.1
78		2023-03-03	9:15:20	59.6	60.8	58.4
79		2023-03-03	9:15:30	58.0	61.9	55.4
80		2023-03-03	9:15:40	58.4	60.6	55.3
81		2023-03-03	9:15:50	54.5	56.2	53.1
82		2023-03-03	9:16:00	55.4	58.3	53.7
83		2023-03-03	9:16:10	64.8	70.1	55.5
84		2023-03-03	9:16:20	57.7	63.5	52.9
85		2023-03-03	9:16:30	53.2	54.6	51.7
86		2023-03-03	9:16:40	58.0	59.0	54.6
87		2023-03-03	9:16:50	60.4	61.4	58.7
88		2023-03-03	9:17:00	62.4	64.9	60.2
89		2023-03-03	9:17:10	59.9	61.8	57.9
90		2023-03-03	9:17:20	58.0	59.0	57.4
91		2023-03-03	9:17:30	58.0	59.3	56.6
92		2023-03-03	9:17:40	63.9	67.3	58.9
93		2023-03-03	9:17:50	62.2	64.1	61.2
94	Stop	2023-03-03	9:18:00			
95	Calibration Change	2023-03-03	9:21:56			

Infinite 131 Project

ST-4 Time History

Record #	Record Type	Date	Time	LAeq	LASmax	LASmin
1	Calibration Change	2023-03-02	11:33:21			
2	Run	2023-03-02	11:39:00			
3		2023-03-02	11:39:00	54.9	56.3	54.4
4		2023-03-02	11:39:10	54.6	54.9	54.2
5		2023-03-02	11:39:20	54.5	55.2	54.0
6		2023-03-02	11:39:30	54.9	55.3	54.7
7		2023-03-02	11:39:40	54.5	54.8	54.3
8		2023-03-02	11:39:50	54.6	55.1	54.2
9		2023-03-02	11:40:00	54.4	54.7	54.0
10		2023-03-02	11:40:10	59.1	66.4	54.2
11		2023-03-02	11:40:20	56.9	61.2	55.3
12		2023-03-02	11:40:30	54.7	55.4	54.3
13		2023-03-02	11:40:40	55.0	55.3	54.6
14		2023-03-02	11:40:50	54.8	56.0	54.1
15		2023-03-02	11:41:00	54.8	55.4	54.4
16		2023-03-02	11:41:10	56.4	57.5	54.8
17		2023-03-02	11:41:20	57.4	58.6	56.3
18		2023-03-02	11:41:30	56.6	58.7	55.4
19		2023-03-02	11:41:40	55.6	56.8	55.2
20		2023-03-02	11:41:50	55.2	55.5	55.0
21		2023-03-02	11:42:00	55.0	55.3	54.8
22		2023-03-02	11:42:10	55.0	55.7	54.7
23		2023-03-02	11:42:20	55.3	56.4	54.6
24		2023-03-02	11:42:30	63.2	66.8	56.4
25		2023-03-02	11:42:40	64.1	66.7	60.1
26		2023-03-02	11:42:50	62.2	66.9	59.4
27		2023-03-02	11:43:00	62.4	63.6	59.6
28		2023-03-02	11:43:10	68.5	70.6	62.9
29		2023-03-02	11:43:20	70.0	71.5	65.5
30		2023-03-02	11:43:30	59.5	65.5	57.5
31		2023-03-02	11:43:40	56.4	57.6	56.0
32		2023-03-02	11:43:50	56.1	57.4	55.4
33		2023-03-02	11:44:00	55.2	55.7	54.5
34		2023-03-02	11:44:10	55.0	55.2	54.3
35		2023-03-02	11:44:20	55.6	58.4	54.6
36		2023-03-02	11:44:30	55.1	58.4	54.6
37		2023-03-02	11:44:40	54.1	54.7	53.9
38		2023-03-02	11:44:50	54.3	55.1	53.9
39		2023-03-02	11:45:00	54.5	55.1	54.2
40		2023-03-02	11:45:10	54.8	55.2	54.4
41		2023-03-02	11:45:20	56.2	61.1	54.5
42		2023-03-02	11:45:30	55.1	56.0	54.9
43		2023-03-02	11:45:40	55.7	56.4	55.2
44		2023-03-02	11:45:50	55.5	56.0	55.2
45		2023-03-02	11:46:00	55.0	55.4	54.6
46		2023-03-02	11:46:10	55.6	56.5	55.1

47		2023-03-02	11:46:20	55.5	55.9	55.0
48		2023-03-02	11:46:30	55.5	55.9	55.2
49		2023-03-02	11:46:40	55.6	56.3	54.9
50		2023-03-02	11:46:50	55.3	55.6	54.9
51		2023-03-02	11:47:00	55.4	56.2	55.1
52		2023-03-02	11:47:10	55.2	55.5	54.8
53		2023-03-02	11:47:20	55.0	55.4	54.8
54		2023-03-02	11:47:30	54.7	55.0	54.4
55		2023-03-02	11:47:40	54.6	55.0	54.3
56		2023-03-02	11:47:50	55.0	55.4	54.5
57		2023-03-02	11:48:00	54.7	55.1	54.4
58		2023-03-02	11:48:10	55.2	55.6	54.8
59		2023-03-02	11:48:20	55.9	56.3	55.2
60		2023-03-02	11:48:30	56.0	56.4	55.6
61		2023-03-02	11:48:40	57.0	57.7	55.9
62		2023-03-02	11:48:50	56.9	57.6	55.8
63		2023-03-02	11:49:00	56.7	57.7	55.6
64		2023-03-02	11:49:10	56.3	57.5	55.6
65		2023-03-02	11:49:20	55.3	56.2	55.0
66		2023-03-02	11:49:30	55.1	55.4	54.8
67		2023-03-02	11:49:40	54.9	55.2	54.6
68		2023-03-02	11:49:50	55.0	55.4	54.7
69		2023-03-02	11:50:00	55.8	57.0	54.9
70		2023-03-02	11:50:10	55.3	56.1	54.9
71		2023-03-02	11:50:20	54.7	55.0	54.5
72		2023-03-02	11:50:30	54.4	54.8	54.1
73		2023-03-02	11:50:40	54.6	54.8	54.3
74		2023-03-02	11:50:50	54.7	55.0	54.5
75		2023-03-02	11:51:00	54.8	55.1	54.5
76		2023-03-02	11:51:10	55.0	55.4	54.7
77		2023-03-02	11:51:20	54.6	54.9	54.4
78		2023-03-02	11:51:30	54.7	55.3	54.2
79		2023-03-02	11:51:40	54.2	54.7	53.8
80		2023-03-02	11:51:50	54.6	55.4	54.1
81		2023-03-02	11:52:00	54.7	55.0	54.4
82		2023-03-02	11:52:10	54.3	54.6	54.1
83		2023-03-02	11:52:20	54.3	54.6	53.8
84		2023-03-02	11:52:30	54.1	54.5	53.7
85		2023-03-02	11:52:40	54.4	55.0	53.8
86		2023-03-02	11:52:50	54.6	54.9	54.4
87		2023-03-02	11:53:00	54.8	55.5	54.4
88		2023-03-02	11:53:10	56.4	57.5	55.1
89		2023-03-02	11:53:20	57.6	60.3	55.7
90		2023-03-02	11:53:30	55.6	57.0	55.0
91		2023-03-02	11:53:40	55.1	56.1	54.6
92		2023-03-02	11:53:50	55.8	56.5	54.5
93	Stop	2023-03-02	11:54:00			

Noise Appendix

Field Sheets

Meter Locations

Site #	Meter #	Start Time	Start Date	Stop Time	Stop Date	Start Cal	End Cal	Lock #	Location Description
LT-2	2101 i	1:26 pm	20230301	8:40	20230303	15.17 mV/Pa	18.23 mV/Pa		Lamp Post ~ 120 ft South of Telephone/electrical Tower • U.S. 101 Clearly audible
LT-2 Backup	2105 J	1:45pm	20230301	9:05		15.70 mV/Pa	17.41 mV/Pa		Telephone pole SE corner of IHOP Parking lot highway loud.
LT-4	2605 d	~~2:~~ 2:17pm	20230301	9:27		14.99 mV/Pa	16.63 mV/Pa		4th telephone pole from Toll Booth on-site * Forklifts moving Temp parking lot lights on 20230301
LT-1	1203 A	~~12~~:39 PM	20230301	9:47		13.36 mV/Pa	13.99 mV/Pa		~~Next~~ between ~~[illegible]~~ and Wilkinson (Telephone pole) Parking Handicraft
LT-3	Picc1 4007	3:14pm	20230301	10:10		14.57 mV/Pa	14.78 mV/Pa	[redacted] [redacted]	Telephone Pole @ Pacific & Herman active construction NW of Fairform & Herman.

NOISE MEASUREMENT SITE INFORMATION SHEET

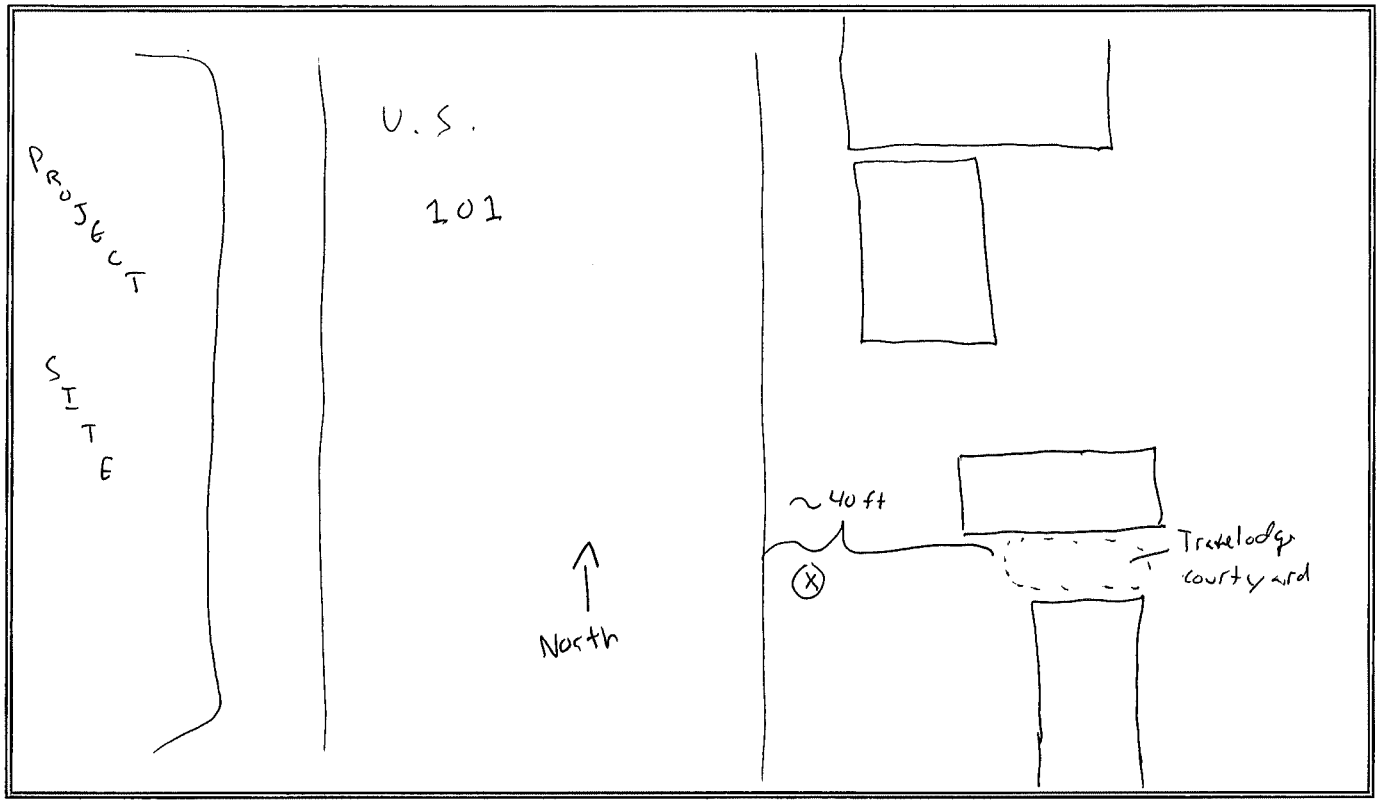
Jones & Stokes

PROJECT NAME: Terminal 101/131 PROJECT #:

SITE NUMBER: ST-1 DATE/TIME: 2023 03 02

LOCATION/ADDRESS: Travelodge - a ENGINEERS: Schumaker

SITE SKETCH: Show microphone location, nearby residences/buildings, potential reflective surfaces, project roadways, local roadways, driveways, ground type, trees. Indicate reference distances between objects, arrows showing wind direction, North, and camera locations/directions. Describe the line-of-sight and topography/elevation changes relative to noise sources.



WEATHER DATA: (temperature, wind speed/direction, sky conditions, relative humidity)

50.1°F Partly cloudy 1.4 mph 68.9

EQUIPMENT DATA: (sound level meter, microphone, preamp, calibrator, factory cal. date)

831

ESTIMATED CONSTRUCTION DATE OF RESIDENCES: (Pre-1978, or new construction)

POSTED SPEED: 55 COMMENTS:

TRAFFIC COUNTS:

Roadway/Direction	Autos	Medium	Heavy	Speed	Start Time	Duration

NOISE MEASUREMENT LOG SHEET (20)

Jones & Stokes

PROJECT NAME: Terminal 101 / 131 PROJECT #:

SITE NUMBER: ST-1 DATE/TIME: 2023 03 02 8:20

LOCATION/ADDRESS: Travelodge ENGINEERS: Schumaker

#	Minute Starting	Measured Leq (dBA)	O or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources/Comments (include SLM equipment, Calibration Data)
1	8:20						
2	8:21						
3	8:22						Peak in 3rd minute is a challenger accelerating
4	8:23						
5	8:24						
6	8:25						
7	8:26						Semi engine brake on highway
8	8:27						Challenger accelerating past
9	8:28						
10	8:29						Cement truck passing by
11	8:30						
12	8:31						
13	8:32				oil truck passing by		medium truck and car accelerating loudly
14	8:33						
15	8:34						garbage truck 2 cars slowly passing parking lot
16							
17					overall, mostly peaks include		steady highway noise
18							Trucks and cars accelerating.
19							
20							

Leq	73.0
Lmax	87.2
Lmin	68.9
L10	74.8
L25	72.9
L50	71.8
L90	70.3

Overall Leq (Include "O" minutes, Exclude "X" minutes) = dBA Data.066

Subset Leq (Exclude "O" and "X" minutes) = dBA

"O" = other characteristic sources that contributed to the Leq

"X" = exclude from Leq calculation; a non-typical source contaminated the measurement

NOISE MEASUREMENT SITE INFORMATION SHEET

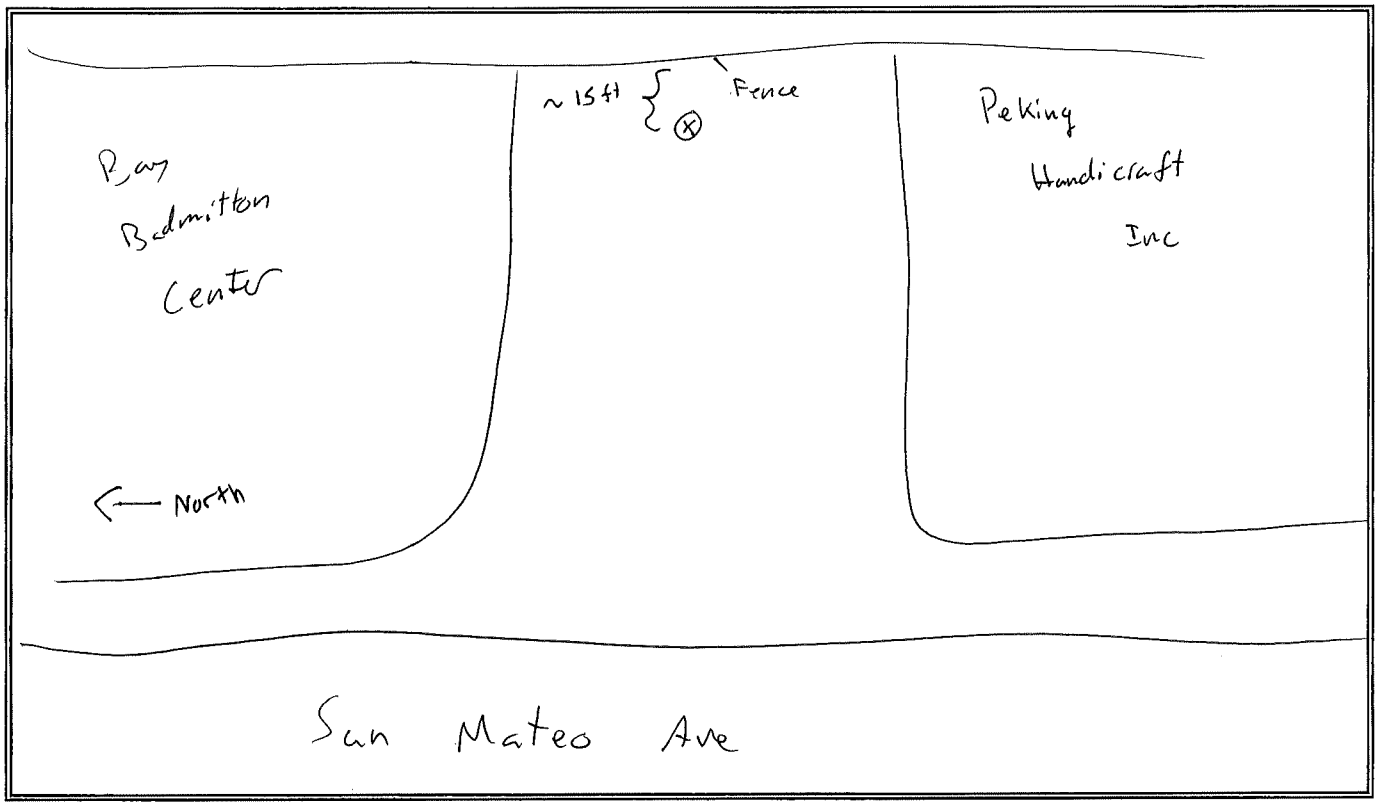
Jones & Stokes

PROJECT NAME: Terminal 101/131 PROJECT #:

SITE NUMBER: ST-2 DATE/TIME: 20230302

LOCATION/ADDRESS: Bay Badminton Center ENGINEERS: Schumaker

SITE SKETCH: Show microphone location, nearby residences/buildings, potential reflective surfaces, project roadways, local roadways, driveways, ground type, trees. Indicate reference distances between objects, arrows showing wind direction, North, and camera locations/directions. Describe the line-of-sight and topography/elevation changes relative to noise sources.



WEATHER DATA: (temperature, wind speed/direction, sky conditions, relative humidity)

54.2 | 1.0 mph | clear | 56.9 %

EQUIPMENT DATA: (sound level meter, microphone, preamp, calibrator, factory cal. date)

831 / Data. 067

ESTIMATED CONSTRUCTION DATE OF RESIDENCES: (Pre-1978, or new construction)

POSTED SPEED: COMMENTS:

TRAFFIC COUNTS:

Roadway/Direction	Autos	Medium	Heavy	Speed	Start Time	Duration

NOISE MEASUREMENT LOG SHEET (20)

Jones & Stokes

PROJECT NAME: Terminal 101 / 131
PROJECT #:
SITE NUMBER: ST-2
DATE/TIME: 2023 03 02 9:35
LOCATION/ADDRESS: Bay Badminton Center / Pallet Production?
ENGINEERS: Schumaker

#	Minute Starting	Measured Leq (dBA)	O or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources/Comments (include SLM equipment, Calibration Data)
1	9:35						Table saw nail gun thud of something heavy
2	9:36						hammering Table saw more table saw
3	9:37						nail gun hammering. Table saw
4	9:38						Table saw intermittently Thuds nail guns. drill?
5	9:39						Table saw nail gun hammers
6	9:40						nail gun Table saw Thud! Jet plane fly over
7	9:41						Table saw hammers Jet flying overhead nail gun.
8	9:42						wood being moved? mech hum nail guns, hammering.
9	9:43						nail gun music clank Table saw
10	9:44						Table saw music nail guns. Thud!
11	9:45						nail guns, table saw, wood stacking?
12	9:46						nail gun, mechanical hum clank [new hum, lower pitch] Table saw
13	9:47						Table saw, nail guns, new hum still active
14	9:48					new hum gone	men shouting in Spanish hammers nail gun.
15	9:49						nail guns men speaking music still playing.
16							
17							
18					music playing in background		
19					overall mechanical hum (most likely from table saw when NOT cutting)		
20							

Leq	68.0
Lmax	76.9
Lmin	63.5
L10	71.1
L25	68.2
L50	66.3
L90	64.4

Overall Leq (Include "O" minutes, Exclude "X" minutes) = dBA

Subset Leq (Exclude "O" and "X" minutes) = dBA

Data-067

"O" = other characteristic sources that contributed to the Leq

"X" = exclude from Leq calculation; a non-typical source contaminated the measurement

Pre cal
+0.16 dB
Post cal
-0.08

NOISE MEASUREMENT SITE INFORMATION SHEET

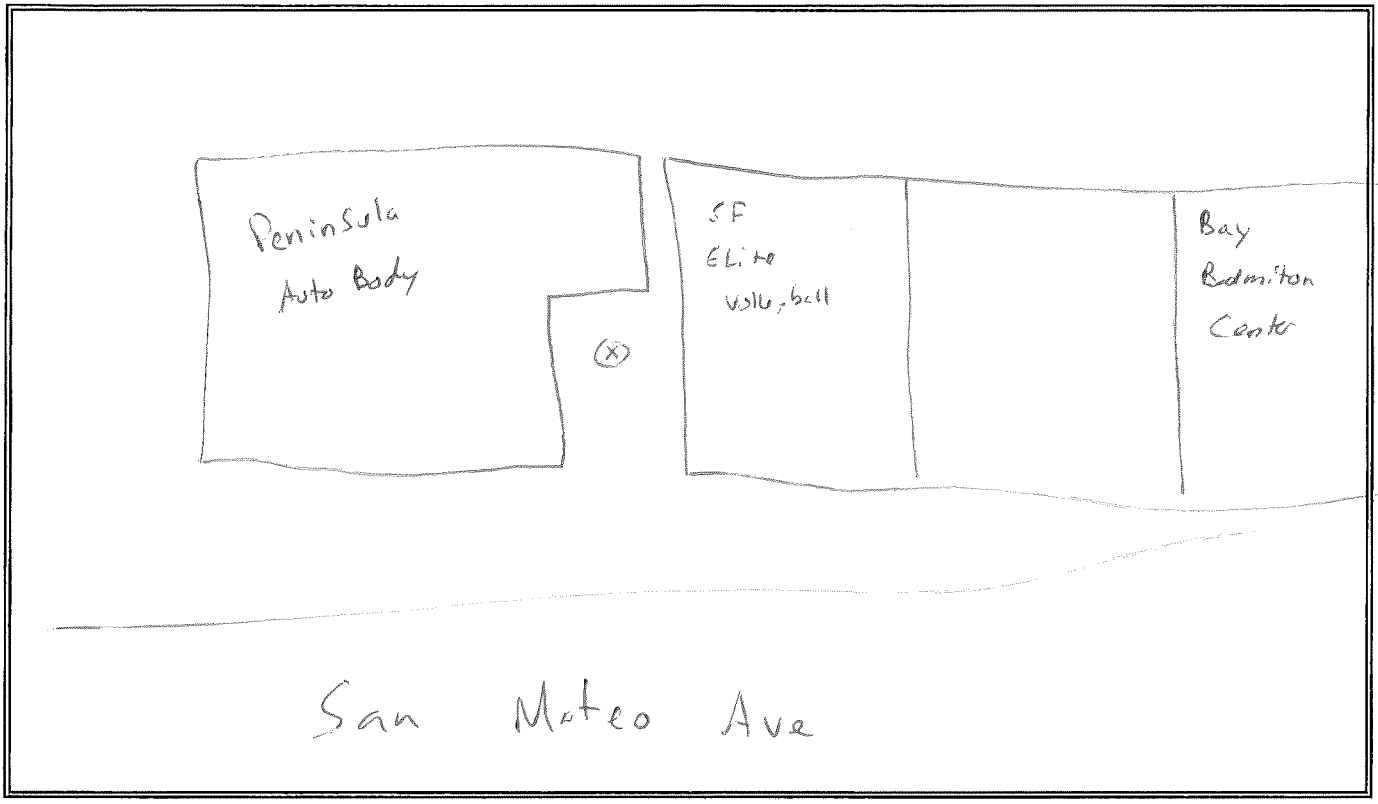
Jones & Stokes

PROJECT NAME: Terminal 101/131 PROJECT #:

SITE NUMBER: ST-2 Backup DATE/TIME: 20230303

LOCATION/ADDRESS: Peninsula Auto Body / SF Elite volleyball ENGINEERS: Schumaker

SITE SKETCH: Show microphone location, nearby residences/buildings, potential reflective surfaces, project roadways, local roadways, driveways, ground type, trees. Indicate reference distances between objects, arrows showing wind direction, North, and camera locations/directions. Describe the line-of-sight and topography/elevation changes relative to noise sources.



WEATHER DATA: (temperature, wind speed/direction, sky conditions, relative humidity)

47.8°F | 1.3 mph | cloudy | 81.7%

EQUIPMENT DATA: (sound level meter, microphone, preamp, calibrator, factory cal. date)

831 Data. 072

ESTIMATED CONSTRUCTION DATE OF RESIDENCES: (Pre-1978, or new construction)

POSTED SPEED: COMMENTS:

TRAFFIC COUNTS:

Roadway/Direction	Autos	Medium	Heavy	Speed	Start Time	Duration

NOISE MEASUREMENT LOG SHEET (20)

Jones & Stokes

PROJECT NAME: Terminal 101 / 131 PROJECT #:

SITE NUMBER: ST-2 Backup DATE/TIME: 20230303 8:03

LOCATION/ADDRESS: Peninsula Auto Body / Elite Volley Ball ENGINEERS: Schumacher

#	Minute Starting	Measured Leq (dBA)	O or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources/Comments (include SLM equipment, Calibration Data)
1	8:03						Semi Truck rattling on San Mateo concrete truck rattling
2	8:04						Budget truck passing by
3	8:05						
4	8:06						Enterprise Rental Truck pass by Food truck + concrete truck + Food truck pass
5	8:07						Jet overhead Semi Pass by
6	8:08						↓ on San Mateo Traffic Flow dead then comes back
7	8:09						Semi Pass by, and another Medium Truck Squeaks by
8	8:10						Back up beeps in distance L>
9	8:11						Jet Plane overhead
10	8:12						Semi pass by
11	8:13						Large tow Truck pass by
12	8:14						Semi pass by. Squeaky Food Truck
13	8:15						
14	8:16						Semi Truck pass by
15	8:17						garbage Truck pass by. Semi Pass by
16							
17					overall: flows of traffic		along San Mateo
18							
19							
20							

Leq	62.6
Lmax	75.3
Lmin	50.8
L10	65.8
L33.25	61.9
L50	58.9
L90	53.2

Overall Leq (Include "O" minutes, Exclude "X" minutes) = dBA

Subset Leq (Exclude "O" and "X" minutes) = dBA

"O" = other characteristic sources that contributed to the Leq

"X" = exclude from Leq calculation; a non-typical source contaminated the measurement

NOISE MEASUREMENT SITE INFORMATION SHEET

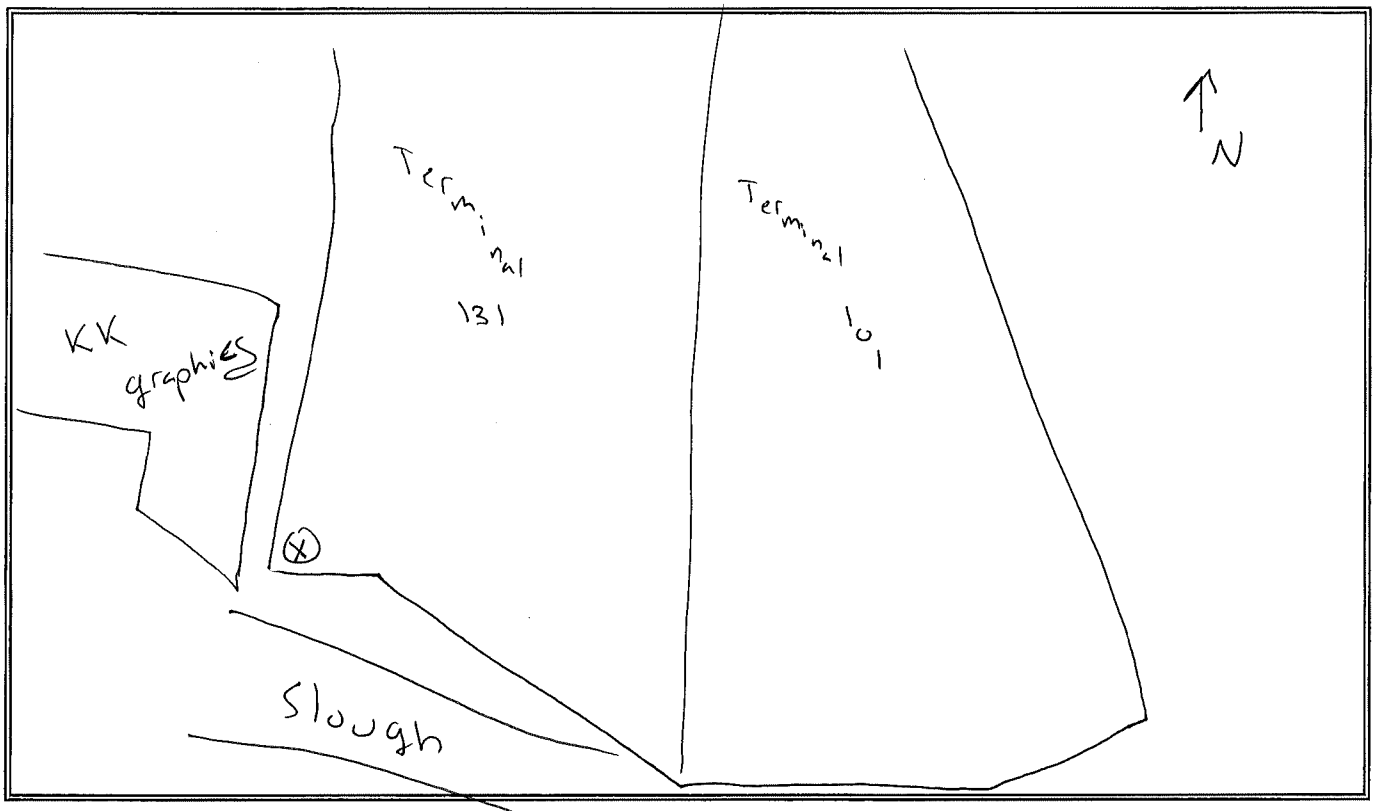
Jones & Stokes

PROJECT NAME: Terminal 101/131 PROJECT #:

SITE NUMBER: ST-3 DATE/TIME: 2023 03 02

LOCATION/ADDRESS: SW corner of Terminal 131 ENGINEERS: Schumacher

SITE SKETCH: Show microphone location, nearby residences/buildings, potential reflective surfaces, project roadways, local roadways, driveways, ground type, trees. Indicate reference distances between objects, arrows showing wind direction, North, and camera locations/directions. Describe the line-of-sight and topography/elevation changes relative to noise sources.



WEATHER DATA: (temperature, wind speed/direction, sky conditions, relative humidity)

57.3 | 1.3mph | mostly clear | 55.4

EQUIPMENT DATA: (sound level meter, microphone, preamp, calibrator, factory cal. date)

831 Dcta. 068

ESTIMATED CONSTRUCTION DATE OF RESIDENCES: (Pre-1978, or new construction)

POSTED SPEED: COMMENTS:

TRAFFIC COUNTS:

Roadway/Direction	Autos	Medium	Heavy	Speed	Start Time	Duration

NOISE MEASUREMENT LOG SHEET (20)

Jones & Stokes

PROJECT NAME: Terminal 101/131 PROJECT #:

SITE NUMBER: ST-3 DATE/TIME: 2023 03 02 10:39

LOCATION/ADDRESS: SW corner of Terminal 131 ENGINEERS: Schumacher

#	Minute Starting	Measured Leq (dBA)	O or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources/Comments (include SLM equipment, Calibration Data)
1	10:39						~~Truck idling in distance~~ AC Equipment from facility building
2	10:40						Truck horn. Squeeky carts?
3	10:41						Truck driving by (~100 ft away)
4	10:42					Start	Jet overhead — metal grinding? across slough
5	10:43						Forklift and Truck pass by. car goes by slow Metal grinding across slough
6	10:44						↓
7	10:45						Metal grinding across slough peak from clipboard.
8	10:46						metal grinding crows
9	10:47						Backup beeps (distant) metal grinding - stopped 22 sec in.
10	10:48						metal grinding. Back up beeps plane overhead
11	10:49						metal grinding - intermittent
12	10:50						
13	10:51						Seagulls in distance metal grinding
14	10:52						Leq 57.8
15	10:53						Metal grinding, backup beeps (distant) plane overhead. Lmax 71.5
16							Lmin 53.7
17					overall:		~~metal grinding, backup beeps~~ L10 57.5
18					AC equipment, and distant traffic		L25 55.8
19							L50 55.1
20							L90 54.4

Overall Leq (Include "O" minutes, Exclude "X" minutes) = dBA

Subset Leq (Exclude "O" and "X" minutes) = dBA

"O" = other characteristic sources that contributed to the Leq

"X" = exclude from Leq calculation; a non-typical source contaminated the measurement

PRECAL + 0.04 dB

POSTCAL

Noise Appendix

Field Pictures

Noise Measurement Photographs

LT-1 Looking West

LT-1 Looking North

LT-1 Looking East

Noise Measurement Photographs

LT-2 Looking West

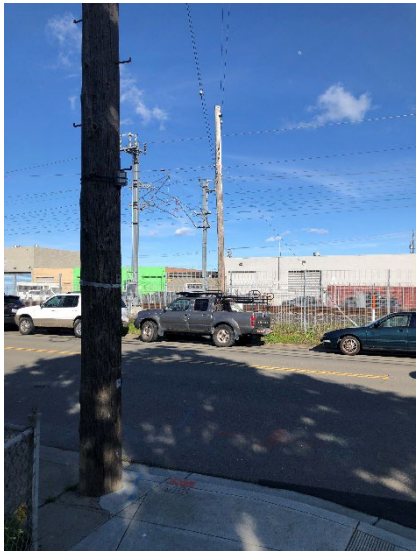
LT-2 Looking South

LT-2 Looking North

Noise Measurement Photographs

LT-3 Looking South

LT-3 Looking North

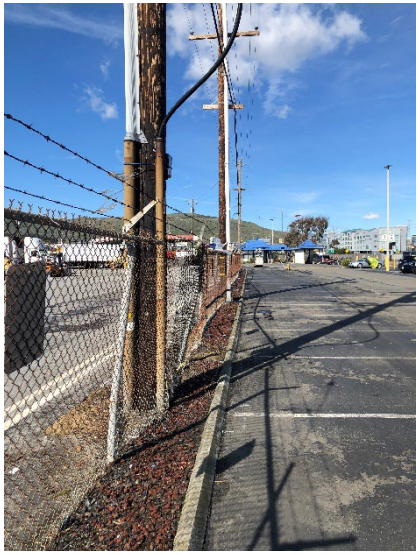


LT-3 Looking East

Noise Measurement Photographs

LT-4 Looking West

LT-4 Looking South



LT-4 Looking North

Noise Measurement Photographs

LT-5 Looking West

LT-5 Looking South

LT-5 Looking North

Noise Measurement Photographs

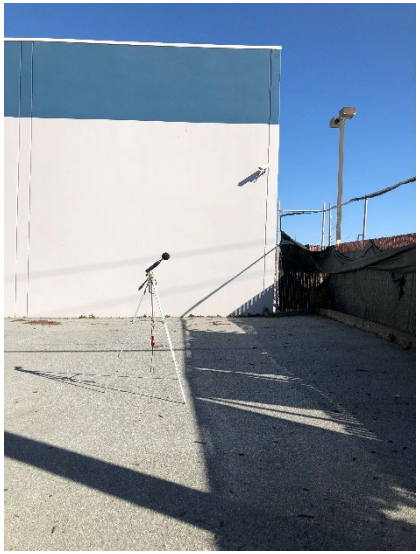
ST-1 Looking South

ST-1 Looking East

ST-1 Looking West

ST-1 Looking North

Noise Measurement Photographs



ST-2 Looking North

ST-2 Looking West

ST-2 Looking South

ST-2 Looking East

Noise Measurement Photographs

ST-3 Looking Northeast

ST-3 Looking East

ST-3 Looking South

ST-3 Looking West

Noise Measurement Photographs

ST-4 Looking North

East
ST-4 Looking West

ST-4 Looking West

ST-4 Looking South

Construction Noise Modeling

Table 1. Applicant Supplied Construction Phase List

"South Portion"

Phase	Start Date (day/month/year)	End Date (day/month/year)	Days
ROUGH GRADING / SITE DEMO	3/2/2026	4/16/2026	34
DEEP FOUNDATIONS	3/16/2026	9/10/2026	129
FOUNDATIONS	7/24/2026	11/17/2026	83
SUPERSTRUCTURE	10/16/2026	10/26/2027	268
BUILDING ENCLOSURE	8/19/2027	3/7/2028	144
INTERIOR BUILDOUT	2/4/2027	4/14/2028	312
SITEWORK	2/14/2028	8/28/2028	141
STARTUP/CX/FINAL INSPECTIONS	2/7/2028	10/1/2028	164

"North Portion"

Phase	Start Date (day/month/year)	End Date (day/month/year)	Days
ROUGH GRADING / SITE DEMO	11/1/2028	12/18/2028	34
DEEP FOUNDATIONS	11/18/2028	5/17/2029	129
FOUNDATIONS	3/26/2029	7/18/2029	83
SUPERSTRUCTURE	6/18/2029	6/26/2030	268
BUILDING ENCLOSURE	4/17/2030	11/4/2030	144
INTERIOR BUILDOUT	9/12/2029	11/21/2030	312
SITEWORK	9/21/2030	4/7/2031	141
STARTUP/CX/FINAL INSPECTIONS	8/29/2030	5/1/2031	164

Table 2. Applicant Supplied Equipment List

Phase	Equipment Type	Number/day	Hours/day
ROUGH GRADING / SITE DEMO	Scraper	2	8
	Loader	2	8
	Excavator	4	8
	Gradall	2	8
DEEP FOUNDATIONS	Loader / Bobcat	2	8
	Concrete Pump	1*	CUSTOM / INTERMITTENT
	Drill Rig	2	12
	Gradall	2	12
FOUNDATIONS	Gradall	2	10
	Concrete Pump	1*	CUSTOM / INTERMITTENT
	Mobile Crane (Potential)	1*	CUSTOM / INTERMITTENT
SUPERSTRUCTURE	Mobile Crane	2	8
	Welders	8	8
	Gradall	2	10
	Concrete Pump	1*	CUSTOM / INTERMITTENT
	Manlift (double manlift)	2	10
BUILDING ENCLOSURE	Gradall / Forklift	2	10
	Mobile Crane	1	8
	Glass Manipulator	4	8
	Scissor Lift	8	8
	Manlift (double manlift)	2	10
INTERIOR BUILDOUT	Scissor Lift	20	8
	Gradall / Forklift	2	10
	Manlift (double manlift)	2	10
SITEWORK	Concrete Pump	1*	CUSTOM / INTERMITTENT
	Mobile Crane (Potential Trees)	1*	CUSTOM / INTERMITTENT
	Gradall / Forklift	1	10
STARTUP/CX/FINAL INSPECTIONS	Scissor Lift	4	8
	Forklift	1	10

Table 3. Construction Noise Summary, Individual Phases

		ROUGH GRADING / SITE DEMO		DEEP FOUNDATIONS		FOUNDATIONS		SUPERSTRUCTURE		BUILDING ENCLOSURE		INTERIOR BUILDOUT		SITEWORK		STARTUP / CX / FINAL INSPECTIONS	
Distance (ft)	Attenuation (dB)	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
25	6	91	94	89	94	89	93	89	93	89	93	88	92	87	93	82	88
50	0	84	88	83	88	83	87	83	87	83	87	82	86	81	87	76	82
100	-6	78	82	77	82	77	81	77	81	77	81	76	80	75	81	70	76
150	-10	75	79	73	79	73	78	73	78	73	78	73	77	71	77	67	72
200	-12	72	76	71	76	71	75	71	75	71	75	70	74	69	75	64	70
250	-14	71	74	69	74	69	73	69	73	69	73	68	72	67	73	62	68
295	-15	69	73	67	73	67	72	67	72	67	72	67	71	66	71	61	66
300	-16	69	73	67	73	67	72	67	72	67	72	67	71	65	71	61	66
400	-18	66	70	64	70	65	69	65	69	64	69	64	68	63	68	58	63
600	-22	63	67	61	67	61	66	61	66	61	66	61	65	59	65	55	60
800	-24	60	64	58	64	59	63	59	63	58	63	58	62	57	62	52	57
820	-24	60	64	58	64	58	63	58	63	58	63	58	62	57	62	52	57
1100	-27	58	62	56	62	56	60	56	60	56	60	55	59	54	60	50	55
1400	-29	56	60	54	60	54	58	54	58	54	58	53	57	52	58	48	53
1570	-30	55	59	53	59	53	57	53	57	53	57	52	56	51	57	47	52
2000	-32	52	56	51	56	51	55	51	55	51	55	50	54	49	55	44	50

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 4. Construction Noise Summary, Overlapping Phases

		ROUGH GRADING / SITE DEMO and DEEP FOUNDATIONS		DEEP FOUNDATIONS and FOUNDATIONS		FOUNDATIONS and SUPERSTRUCTURES		SUPERSTRUCTURE, BUILDING ENCLOSURE, and INTERIOR BUILDOUT		BUILDING ENCLOSURE, INTERIOR BUILDOUT, SITEWORK, AND STARTUP/CX/FINAL INSPECTION	
Distance (ft)	Attenuation (dB)	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
25	6	90	95	89	94	89	93	89	93	89	93
50	0	84	89	83	88	83	87	83	87	83	87
100	-6	78	83	77	82	77	81	77	81	77	81
150	-10	74	79	73	79	73	78	73	78	73	77
200	-12	72	77	71	76	71	75	71	75	71	75
250	-14	70	75	69	74	69	73	69	73	69	73
295	-15	69	73	67	73	67	72	67	72	67	71
300	-16	68	73	67	73	67	72	67	72	67	71
400	-18	66	71	64	70	65	69	65	69	65	69
600	-22	62	67	61	67	61	66	61	66	61	65
800	-24	60	65	58	64	59	63	59	63	59	63
820	-24	60	64	58	64	58	63	58	63	59	63
1100	-27	57	62	56	62	56	60	56	60	56	60
1400	-29	55	60	54	60	54	58	54	58	54	58
1570	-30	54	59	53	59	53	57	53	57	53	57
2000	-32	52	57	51	56	51	55	51	55	51	55

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 5. Construction Noise Summary, Non-Daytime Construction Activities

		Concrete Pouring		Drilling		Crane Work	
Distance (ft)	Attenuation (dB)	dBA Leq	dBA Lmax	dBA Leq	dBA Lmax	dBA Leq	dBA Lmax
25	6	83	90	86	93	82	90
50	0	77	84	80	87	76	84
100	-6	71	78	74	81	70	78
150	-10	67	74	70	77	67	74
200	-12	65	72	68	75	64	72
250	-14	63	70	66	73	62	70
295	-15	62	69	65	72	61	69
300	-16	61	68	64	71	60	68
400	-18	59	66	62	69	58	66
600	-22	55	62	58	65	54	62
800	-24	53	60	56	63	52	60
820	-24	53	60	56	63	52	60
1100	-27	50	57	53	60	49	57
1400	-29	48	55	51	58	47	55
1570	-30	47	54	50	57	46	54
2000	-32	45	52	48	55	44	52

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 6. Detailed Construction Noise

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Rough Grading / Site Demo			
Source 1: Scraper - Sound level (dBA) at 50 feet =	84	40%	80.0
Source 2: Scraper - Sound level (dBA) at 50 feet =	84	40%	80.0
Source 3: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			88
All Sources Combined - Leq sound level (dBA) at 50 feet =			84

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	94	91
50	0	0.0	88	84
100	-6	0.0	82	78
150	-10	0.0	79	75
200	-12	0.0	76	72
250	-14	0.0	74	71
295	-15	0.0	73	69
300	-16	0.0	73	69
400	-18	0.0	70	66
600	-22	0.0	67	63
800	-24	0.0	64	60
820	-24	0.0	64	60
1100	-27	0.0	62	58
1400	-29	0.0	60	56
1570	-30	0.0	59	55
2000	-32	0.0	56	52

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 7. Detailed Construction Noise

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Deep Foundations			
Source 1: Drill Rig - Sound level (dBA) at 50 feet =	84	20%	77.0
Source 2: Drill Rig - Sound level (dBA) at 50 feet =	84	20%	77.0
Source 3: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			88
All Sources Combined - Leq sound level (dBA) at 50 feet =			83

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	94	89
50	0	0.0	88	83
100	-6	0.0	82	77
150	-10	0.0	79	73
200	-12	0.0	76	71
250	-14	0.0	74	69
295	-15	0.0	73	67
300	-16	0.0	73	67
400	-18	0.0	70	64
600	-22	0.0	67	61
800	-24	0.0	64	58
820	-24	0.0	64	58
1100	-27	0.0	62	56
1400	-29	0.0	60	54
1570	-30	0.0	59	53
2000	-32	0.0	56	51

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 8. Detailed Construction Noise

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Foundations			
Source 1: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 2: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 3: Concrete Pump - Sound level (dBA) at 50 feet =	81	20%	74.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			87
All Sources Combined - Leq sound level (dBA) at 50 feet =			83

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	93	89
50	0	0.0	87	83
100	-6	0.0	81	77
150	-10	0.0	78	73
200	-12	0.0	75	71
250	-14	0.0	73	69
295	-15	0.0	72	67
300	-16	0.0	72	67
400	-18	0.0	69	65
600	-22	0.0	66	61
800	-24	0.0	63	59
820	-24	0.0	63	58
1100	-27	0.0	60	56
1400	-29	0.0	58	54
1570	-30	0.0	57	53
2000	-32	0.0	55	51

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 9. Detailed Construction Noise

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Superstructure			
Source 1: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 2: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 3: Concrete Pump - Sound level (dBA) at 50 feet =	81	20%	74.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			87
All Sources Combined - Leq sound level (dBA) at 50 feet =			83

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	93	89
50	0	0.0	87	83
100	-6	0.0	81	77
150	-10	0.0	78	73
200	-12	0.0	75	71
250	-14	0.0	73	69
295	-15	0.0	72	67
300	-16	0.0	72	67
400	-18	0.0	69	65
600	-22	0.0	66	61
800	-24	0.0	63	59
820	-24	0.0	63	58
1100	-27	0.0	60	56
1400	-29	0.0	58	54
1570	-30	0.0	57	53
2000	-32	0.0	55	51

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 10. Detailed Construction Noise

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Building Enclosure			
Source 1: Gradall / Forklift - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 2: Gradall / Forklift - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 3: Mobile Crane - Sound level (dBA) at 50 feet =	81	16%	73.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			87
All Sources Combined - Leq sound level (dBA) at 50 feet =			83

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	93	89
50	0	0.0	87	83
100	-6	0.0	81	77
150	-10	0.0	78	73
200	-12	0.0	75	71
250	-14	0.0	73	69
295	-15	0.0	72	67
300	-16	0.0	72	67
400	-18	0.0	69	64
600	-22	0.0	66	61
800	-24	0.0	63	58
820	-24	0.0	63	58
1100	-27	0.0	60	56
1400	-29	0.0	58	54
1570	-30	0.0	57	53
2000	-32	0.0	55	51

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 11. Detailed Construction Noise

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Interior Buildout			
Source 1: Gradall / Forklift - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 2: Gradall / Forklift - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 3: Manlift (double manlift) - Sound level (dBA) at 50 feet =	75	20%	68.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			86
All Sources Combined - Leq sound level (dBA) at 50 feet =			82

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	92	88
50	0	0.0	86	82
100	-6	0.0	80	76
150	-10	0.0	77	73
200	-12	0.0	74	70
250	-14	0.0	72	68
295	-15	0.0	71	67
300	-16	0.0	71	67
400	-18	0.0	68	64
600	-22	0.0	65	61
800	-24	0.0	62	58
820	-24	0.0	62	58
1100	-27	0.0	59	55
1400	-29	0.0	57	53
1570	-30	0.0	56	52
2000	-32	0.0	54	50

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 12. Detailed Construction Noise

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Sitework			
Source 1: Concrete Pump - Sound level (dBA) at 50 feet =	81	20%	74.0
Source 2: Mobile Crane (Potential Trees) - Sound level (dBA) at 50 feet =	81	16%	73.0
Source 3: Gradall / Forklift - Sound level (dBA) at 50 feet =	83	40%	79.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			87
All Sources Combined - Leq sound level (dBA) at 50 feet =			81

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	93	87
50	0	0.0	87	81
100	-6	0.0	81	75
150	-10	0.0	77	71
200	-12	0.0	75	69
250	-14	0.0	73	67
295	-15	0.0	71	66
300	-16	0.0	71	65
400	-18	0.0	68	63
600	-22	0.0	65	59
800	-24	0.0	62	57
820	-24	0.0	62	57
1100	-27	0.0	60	54
1400	-29	0.0	58	52
1570	-30	0.0	57	51
2000	-32	0.0	55	49

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 13. Detailed Construction Noise

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Startup/CX/Final Inspections			
Source 1: Scissor Lift - Sound level (dBA) at 50 feet =	75	20%	68.0
Source 2: Scissor Lift - Sound level (dBA) at 50 feet =	75	20%	68.0
Source 3: Forklift - Sound level (dBA) at 50 feet =	79	40%	75.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			82
All Sources Combined - Leq sound level (dBA) at 50 feet =			76

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	88	82
50	0	0.0	82	76
100	-6	0.0	76	70
150	-10	0.0	72	67
200	-12	0.0	70	64
250	-14	0.0	68	62
295	-15	0.0	66	61
300	-16	0.0	66	61
400	-18	0.0	63	58
600	-22	0.0	60	55
800	-24	0.0	57	52
820	-24	0.0	57	52
1100	-27	0.0	55	50
1400	-29	0.0	53	48
1570	-30	0.0	52	47
2000	-32	0.0	50	44

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further. Measured data for a front-end loader is used to represent a forklift.

Table 14. Detailed Construction Noise - Overlapping Phases

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Rough Grading/Site Demo and Deep Foundation			
Source 1: Scraper - Sound level (dBA) at 50 feet =	84	40%	80.0
Source 2: Scraper - Sound level (dBA) at 50 feet =	84	40%	80.0
Source 3: Drill Rig - Sound level (dBA) at 50 feet =	84	20%	77.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			89
All Sources Combined - Leq sound level (dBA) at 50 feet =			84

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	95	90
50	0	0.0	89	84
100	-6	0.0	83	78
150	-10	0.0	79	74
200	-12	0.0	77	72
250	-14	0.0	75	70
295	-15	0.0	73	69
300	-16	0.0	73	68
400	-18	0.0	71	66
600	-22	0.0	67	62
800	-24	0.0	65	60
820	-24	0.0	64	60
1100	-27	0.0	62	57
1400	-29	0.0	60	55
1570	-30	0.0	59	54
2000	-32	0.0	57	52

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 15. Detailed Construction Noise - Overlapping Phases

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Deep Foundation and Foundations			
Source 1: Drill Rig - Sound level (dBA) at 50 feet =	84	20%	77.0
Source 2: Drill Rig - Sound level (dBA) at 50 feet =	84	20%	77.0
Source 3: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			88
All Sources Combined - Leq sound level (dBA) at 50 feet =			83

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	94	89
50	0	0.0	88	83
100	-6	0.0	82	77
150	-10	0.0	79	73
200	-12	0.0	76	71
250	-14	0.0	74	69
295	-15	0.0	73	67
300	-16	0.0	73	67
400	-18	0.0	70	64
600	-22	0.0	67	61
800	-24	0.0	64	58
820	-24	0.0	64	58
1100	-27	0.0	62	56
1400	-29	0.0	60	54
1570	-30	0.0	59	53
2000	-32	0.0	56	51

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 16. Detailed Construction Noise - Overlapping Phases

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Foundations and Superstructure			
Source 1: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 2: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 3: Concrete Pump - Sound level (dBA) at 50 feet =	81	20%	74.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			87
All Sources Combined - Leq sound level (dBA) at 50 feet =			83

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	93	89
50	0	0.0	87	83
100	-6	0.0	81	77
150	-10	0.0	78	73
200	-12	0.0	75	71
250	-14	0.0	73	69
295	-15	0.0	72	67
300	-16	0.0	72	67
400	-18	0.0	69	65
600	-22	0.0	66	61
800	-24	0.0	63	59
820	-24	0.0	63	58
1100	-27	0.0	60	56
1400	-29	0.0	58	54
1570	-30	0.0	57	53
2000	-32	0.0	55	51

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 17. Detailed Construction Noise - Overlapping Phases

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Superstructure, Building Enclosure, and Interior Building			
Source 1: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 2: Gradall - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 3: Concrete Pump - Sound level (dBA) at 50 feet =	81	20%	74.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			87
All Sources Combined - Leq sound level (dBA) at 50 feet =			83

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	93	89
50	0	0.0	87	83
100	-6	0.0	81	77
150	-10	0.0	78	73
200	-12	0.0	75	71
250	-14	0.0	73	69
295	-15	0.0	72	67
300	-16	0.0	72	67
400	-18	0.0	69	65
600	-22	0.0	66	61
800	-24	0.0	63	59
820	-24	0.0	63	58
1100	-27	0.0	60	56
1400	-29	0.0	58	54
1570	-30	0.0	57	53
2000	-32	0.0	55	51

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 18. Detailed Construction Noise - Overlapping Phases

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Building Enclosure, Interior Building, Sitework, and Startup/CX/Final Inspections			
Source 1: Gradall / Forklift - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 2: Gradall / Forklift - Sound level (dBA) at 50 feet =	83	40%	79.0
Source 3: Forklift - Sound level (dBA) at 50 feet =	79	40%	75.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			87
All Sources Combined - Leq sound level (dBA) at 50 feet =			83

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	93	89
50	0	0.0	87	83
100	-6	0.0	81	77
150	-10	0.0	77	73
200	-12	0.0	75	71
250	-14	0.0	73	69
295	-15	0.0	71	67
300	-16	0.0	71	67
400	-18	0.0	69	65
600	-22	0.0	65	61
800	-24	0.0	63	59
820	-24	0.0	63	59
1100	-27	0.0	60	56
1400	-29	0.0	58	54
1570	-30	0.0	57	53
2000	-32	0.0	55	51

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further. Measured data for a front-end loader is used to represent a forklift.

Table 19. Detailed Construction Noise - Non-Daytime Construction Activities

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Concrete Pours			
Source 1: Concrete Pump - Sound level (dBA) at 50 feet =	81	20%	74.0
Source 2: Concrete Pump - Sound level (dBA) at 50 feet =	81	20%	74.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			84
All Sources Combined - Leq sound level (dBA) at 50 feet =			77

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	90	83
50	0	0.0	84	77
100	-6	0.0	78	71
150	-10	0.0	74	67
200	-12	0.0	72	65
250	-14	0.0	70	63
295	-15	0.0	69	62
300	-16	0.0	68	61
400	-18	0.0	66	59
600	-22	0.0	62	55
800	-24	0.0	60	53
820	-24	0.0	60	53
1100	-27	0.0	57	50
1400	-29	0.0	55	48
1570	-30	0.0	54	47
2000	-32	0.0	52	45

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 20. Detailed Construction Noise - Non-Daytime Construction Activities

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Drilling Work			
Source 1: Drill Rig - Sound level (dBA) at 50 feet =	84	20%	77.0
Source 2: Drill Rig - Sound level (dBA) at 50 feet =	84	20%	77.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			87
All Sources Combined - Leq sound level (dBA) at 50 feet =			80

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	93	86
50	0	0.0	87	80
100	-6	0.0	81	74
150	-10	0.0	77	70
200	-12	0.0	75	68
250	-14	0.0	73	66
295	-15	0.0	72	65
300	-16	0.0	71	64
400	-18	0.0	69	62
600	-22	0.0	65	58
800	-24	0.0	63	56
820	-24	0.0	63	56
1100	-27	0.0	60	53
1400	-29	0.0	58	51
1570	-30	0.0	57	50
2000	-32	0.0	55	48

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Table 21. Detailed Construction Noise - Non-Daytime Construction Activities

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Crane Work			
Source 1: Mobile Crane - Sound level (dBA) at 50 feet =	81	16%	73.0
Source 2: Mobile Crane - Sound level (dBA) at 50 feet =	81	16%	73.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			84
All Sources Combined - Leq sound level (dBA) at 50 feet =			76

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
25	6	0.0	90	82
50	0	0.0	84	76
100	-6	0.0	78	70
150	-10	0.0	74	67
200	-12	0.0	72	64
250	-14	0.0	70	62
295	-15	0.0	69	61
300	-16	0.0	68	60
400	-18	0.0	66	58
600	-22	0.0	62	54
800	-24	0.0	60	52
820	-24	0.0	60	52
1100	-27	0.0	57	49
1400	-29	0.0	55	47
1570	-30	0.0	54	46
2000	-32	0.0	52	44

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further.

Construction Haul Truck Noise Modeling

Roadway	Segment	Speed Limit (mph)	Existing ADT	Vehicle Mix	Existing Heavy Trucks	Proposed Hauling trucks	Total Trucks During Construction	Total Vehicles during construction	New vehicle mix %
Airport Boulevard	North of San Mateo Avenue/South Airport Boulevard	35	14640	3%	439	550	989	15629	6%
Produce Avenue	North of Terminal Court	40	15330	3%	469	550	1019	16349	6%
Produce Avenue	North of US 101 SB Off-Ramp	40	19640	3%	589	550	1139	20779	5%
Produce Avenue	South of San Mateo Avenue/South Airport Boulevard	40	19160	3%	575	550	1125	20285	6%
Produce Avenue	South of US 101 SB Off-Ramp	40	15220	3%	457	550	1007	16227	6%
San Mateo Avenue	North of South Linden Avenue	30	4640	3%	139	550	689	5329	13%
San Mateo Avenue	North of Tanforan Avenue/Shaw Road	30	6330	3%	190	550	740	7070	10%
San Mateo Avenue	South of South Linden Avenue	30	6320	3%	190	550	740	7060	10%
San Mateo Avenue	West of Airport Boulevard/Produce Avenue	30	7520	3%	226	550	776	8296	9%
Shaw Road	East of San Mateo Avenue	30	1850	3%	56	550	606	2456	25%
South Airport Boulevard	East of Airport Boulevard/Produce Avenue	30	16580	3%	497	550	1047	17627	6%
South Airport Boulevard	North of US 101 NB On- and Off-Ramp/Wondercolor Lane	30	15870	3%	476	550	1026	16896	6%
South Airport Boulevard	South of South Airport Boulevard/Mitchell Avenue	30	15030	3%	451	550	1001	16031	6%
South Airport Boulevard	West of South Airport Boulevard/Gateway Boulevard	30	16440	3%	493	550	1043	17483	6%
Terminal Court	West of Produce Avenue/US 101 SB On-Ramp	15	1210	3%	36	550	586	1796	33%
US 101 NB On- and Off-Ramp	West of South Airport Boulevard	10	14280	3%	428	550	978	15258	6%
US 101 SB Off-Ramp	East of Produce Avenue	10	5060	3%	152	550	702	5762	12%
US 101 SB On-Ramp	South of Terminal Court	55	14640	3%	439	550	989	15629	6%

Haul truck traffic noise is assessed along the routes provided by the Project Applicant.

Roadway	Segment	Speed Limit (mph)	Existing Noise Levels (modeled at 50 feet) dB CNEL	Existing Plus Haul Trucks Noise Levels (modeled at 50 feet) dB CNEL	Increase over Modeling Existing dB
Airport Boulevard	North of San Mateo Avenue/South Airport Boulevard	25	66.9	68.0	1.1
Produce Avenue	North of Terminal Court	35	68.5	69.5	1.0
Produce Avenue	North of US 101 SB Off-Ramp	25	69.6	70.6	1.0
Produce Avenue	South of San Mateo Avenue/South Airport Boulevard	25	69.5	70.4	1.0
Produce Avenue	South of US 101 SB Off-Ramp	35	68.5	69.5	1.0
San Mateo Avenue	North of South Linden Avenue	30	60.6	64.9	4.3
San Mateo Avenue	North of Tanforan Avenue/Shaw Road	30	61.9	64.9	3.1
San Mateo Avenue	South of South Linden Avenue	30	61.9	64.9	3.1
San Mateo Avenue	West of Airport Boulevard/Produce Avenue	30	62.6	65.6	3.0
Shaw Road	East of San Mateo Avenue	25	56.7	63.8	7.1
South Airport Boulevard	East of Airport Boulevard/Produce Avenue	30	66.0	67.3	1.3
South Airport Boulevard	North of US 101 NB On- and Off-Ramp/Wondercolor Lane	35	65.8	67.2	1.3
South Airport Boulevard	South of South Airport Boulevard/Mitchell Avenue	35	65.6	66.9	1.3
South Airport Boulevard	West of South Airport Boulevard/Gateway Boulevard	30	66.0	67.3	1.3
Terminal Court	West of Produce Avenue/US 101 SB On-Ramp	15	53.8	64.5	10.7
US 101 NB On- and Off-Ramp	West of South Airport Boulevard	10	65.6	67.8	2.3
US 101 SB Off-Ramp	East of Produce Avenue	10	61.2	66.8	5.7
US 101 SB On-Ramp	South of Terminal Court	55	72.2	73.0	0.8

Haul truck traffic noise is assessed along the routes provided by the Project Applicant.

Mechanical Equipment Noise Modeling

Equipment Type	Raw Noise @ 50 ft (Leq)	Quantity	Combined Noise Level (dB)	Screen or Room?	Attenuation (dB)	Attenuated Noise Level (dB)	Data Source	Sound Energy
Boiler	67	2	70	Room	10.0	60	H&K	1002374.467
Chiller	71	2	74	screen	5.0	69	H&K	7962143.411
Cooling Tower	74	2	77	Screen	5.0	72	H&K	15886564.69
pump	81	4	87	Room	10.0	77	FHWA	50357016.47
AHU	75	2	78	Screen	5.0	73	H&K	20000000
Exhaust Fan	79	2	82	Screen	5.0	77	FHWA	50237728.63

Land Use	Distance (ft)
Travelodge	295
Best Western	820
San Bruno Residential	1570

Combined Noise Level (dB)	81.6	81.6	81.6
Distance to Receiver (ft)	295	820	1570
Distance Attenuation (dB)	15.4	24.3	29.9
Noise Level at Receiver (dB)	**66.2**	**57.3**	**51.7**

Generator Noise Modeling

Generator Location	Generator Size	Sound Pressure at 50 Feet (combined Engine & Exhuast)	Nearest Receptor Distance*	What is the closest Sensative Receptor?	Decibel Attenuation (dB)	Sound Pressure a nearest Receptor
500 kW Generator	500 kW	101.5	340	Travelodge - Hotel	-8.3	93.2
			810	Best Western	-12.1	89.4
			1100	100 Produce Ave/124 Airport Blvd	-13.4	88.1

*google earth overlay of the generator locations, and measured to the nearest off-site receptor

Traffic Noise Modeling

Roadway	Segment	Existing Heavy Truck Percentage	Speed Limit	Existing Average Daily Traffic	Existing with Project Average Daily Traffic	Future (Year 2040) Average Daily Traffic	Future (Year 2040) with Project Average Daily Traffic
Airport Boulevard	North of San Mateo Avenue/South Airport Boulevard	3%	35	14640	15330	23380	23220
Gateway Bouleard	North of South Airport Boulevard/Mitchell Avenue	3%	40	9270	8900	15070	15970
Mitchell Avenue	East of South Airport Boulevard/Gateway Boulevard	3%	35	5960	6000	14690	15010
Produce Avenue	North of Terminal Court	3%	40	15330	19710	27750	29190
Produce Avenue	North of US 101 SB Off-Ramp	3%	40	19640	23640	22910	27180
Produce Avenue	South of San Mateo Avenue/South Airport Boulevard	3%	40	19160	23330	24860	31480
Produce Avenue	South of US 101 SB Off-Ramp	3%	40	15220	19480	22910	24290
Project Driveway	North of Shaw Road	3%	25	*DNE*	4640	630	7320
San Mateo Avenue	North of South Linden Avenue	3%	30	6010	6900	14110	14380
San Mateo Avenue	North of Tanforan Avenue/Shaw Road	3%	30	6330	7160	11700	12850
San Mateo Avenue	South of Tanforan Avenue/Shaw Road	3%	30	5120	6220	7590	8690
San Mateo Avenue	West of Airport Boulevard/Produce Avenue	3%	30	7520	8220	17380	14900
Shaw Road	East of San Mateo Avenue	3%	30	1850	5900	3740	9330
Shaw Road	West of Project Driveway [1]	3%	30	1850	4640	2110	7480
South Airport Boulevard	East of Airport Boulevard/Produce Avenue	3%	30	16580	16220	24440	26540
South Airport Boulevard	North of US 101 NB On- and Off-Ramp/Wondercolor Lane	3%	30	15030	16080	21480	23020
South Airport Boulevard	South of South Airport Boulevard/Mitchell Avenue	3%	30	15030	16020	20700	22870
South Airport Boulevard	South of US 101 NB On- and Off-Ramp/Wondercolor Lane	3%	30	14870	16080	23760	24930
South Airport Boulevard	West of South Airport Boulevard/Gateway Boulevard	3%	30	16440	15960	23700	25910
South Linden Avenue	South of San Mateo Avenue	3%	30	2950	3630	5270	6580
South Linden Avenue	West of San Mateo Avenue	3%	25	3690	4630	12910	13740
Tanforan Avenue	West of San Mateo Avenue	3%	25	540	420	1850	2530
Terminal Court	West of Produce Avenue/US 101 SB On-Ramp	3%	15	1210	7120	0	15180
US 101 NB On- and Off-Ramp	West of South Airport Boulevard	3%	10	14280	14640	23540	23750
US 101 SB Off-Ramp	East of Produce Avenue	3%	10	5060	6260	0	5530
US 101 SB On-Ramp	South of Terminal Court	3%	55	14640	16810	24750	22130
Wondercolor Lane	East of South Airport Boulevard	3%	10	760	760	2940	2900

DNE - Does Not Exist. Under current existing conditions, these roadway segment ADTs would equal zero.

[1] Existing conditions traffic data were not available for this roadway segment. According to the project traffic engineer (Fehr & Peers), existing conditions for Shaw Road east of San Mateo Avenue can be substituted in for this segment.

Roadway	Segment	Existing Heavy Truck Percentage	Speed Limit (MPH)	Existing CNEL	Existing With Project CNEL	Delta dB
Airport Boulevard	North of San Mateo Avenue/South Airport Boulevard	3%	35	66.9	67.1	0.2
Gateway Bouleard	North of South Airport Boulevard/Mitchell Avenue	3%	40	66.3	66.2	-0.2
Mitchell Avenue	East of South Airport Boulevard/Gateway Boulevard	3%	35	63.0	63.0	0.0
Produce Avenue	North of Terminal Court	3%	40	68.5	69.6	1.1
Produce Avenue	North of US 101 SB Off-Ramp	3%	40	69.6	70.4	0.8
Produce Avenue	South of San Mateo Avenue/South Airport Boulevard	3%	40	69.5	70.3	0.9
Produce Avenue	South of US 101 SB Off-Ramp	3%	40	68.5	69.5	1.1
Project Driveway	North of Shaw Road	3%	25	67.7 [1]	59.4	-7.7
San Mateo Avenue	North of South Linden Avenue	3%	30	61.7	62.2	0.6
San Mateo Avenue	North of Tanforan Avenue/Shaw Road	3%	30	61.9	62.4	0.5
San Mateo Avenue	South of Tanforan Avenue/Shaw Road	3%	30	61.0	61.8	0.8
San Mateo Avenue	West of Airport Boulevard/Produce Avenue	3%	30	62.6	63.0	0.4
Shaw Road	East of San Mateo Avenue [2]	3%	30	56.7	61.6	4.9
Shaw Road	West of Project Driveway [2]	3%	30	56.7	60.6	3.9
South Airport Boulevard	East of Airport Boulevard/Produce Avenue	3%	30	66.0	65.9	-0.1
South Airport Boulevard	North of US 101 NB On- and Off-Ramp/Wondercolor Lane	3%	30	65.6	65.9	0.3
South Airport Boulevard	South of South Airport Boulevard/Mitchell Avenue	3%	30	65.6	65.9	0.3
South Airport Boulevard	South of US 101 NB On- and Off-Ramp/Wondercolor Lane	3%	30	65.5	65.9	0.3
South Airport Boulevard	West of South Airport Boulevard/Gateway Boulevard	3%	30	66.0	65.9	-0.1
South Linden Avenue	South of San Mateo Avenue	3%	30	58.6	59.5	0.9
South Linden Avenue	West of San Mateo Avenue	3%	25	58.4	59.4	1.0
Tanforan Avenue	West of San Mateo Avenue	3%	25	50.8	50.0	-0.9
Terminal Court	West of Produce Avenue/US 101 SB On-Ramp	3%	15	53.8	61.0	7.2
US 101 NB On- and Off-Ramp	West of South Airport Boulevard	3%	10	65.6	65.7	0.1
US 101 SB Off-Ramp	East of Produce Avenue	3%	10	61.2	62.1	0.9
US 101 SB On-Ramp	South of Terminal Court	3%	55	72.2	72.8	0.6
Wondercolor Lane	East of South Airport Boulevard	3%	10	53.7	53.7	0.0

1. The Project Driveway north of Shaw Road does not currently exist. Therefore, measured existing ambient noise levels were used to calculate a proxy CNEL noise level near this segment.

2. These two modeled roadway segments represent the same section of road branching from two different intersections (the San Mateo Avenue intersection with Shaw Road/Tanforan Avenue, and the proposed Project Driveway intersection with Shaw Road). Although these are the same segment, small discrepancies in the traffic data provided by the project traffic engineers (Fehr and Peers) exist between these segments. Both segment results are presented in the appendix, but only one is presented in the Report. The difference between the segments is small (and not expected to be perceptible) for the Existing With Project noise levels.

Roadway	Segment	Existing Heavy Truck Percentage	Speed Limit (MPH)	Existing CNEL	Future (Year 2040) CNEL	Future (Year 2040) With Project CNEL	Future with project (Year 2040) minus Existing Delta dB	Future (Year 2040) with Project minus Future (Year 2040) Delta dB
Airport Boulevard	North of San Mateo Avenue/South Airport Boulevard	3%	35	66.9	68.9	68.9	2.0	0.0
Gateway Bouleard	North of South Airport Boulevard/Mitchell Avenue	3%	40	66.3	68.4	68.7	2.3	0.3
Mitchell Avenue	East of South Airport Boulevard/Gateway Boulevard	3%	35	63.0	66.9	67.0	4.0	0.1
Produce Avenue	North of Terminal Court	3%	40	68.5	71.1	71.3	2.8	0.2
Produce Avenue	North of US 101 SB Off-Ramp	3%	40	69.6	70.3	71.0	1.4	0.7
Produce Avenue	South of San Mateo Avenue/South Airport Boulevard	3%	40	69.5	70.6	71.6	2.1	1.0
Produce Avenue	South of US 101 SB Off-Ramp	3%	40	68.5	70.3	70.5	2.0	0.3
Project Driveway	North of Shaw Road	N/A	25	67.7 [1]	51.4	61.3	-6.4	9.9
San Mateo Avenue	North of South Linden Avenue	3%	30	60.6	65.3	65.4	4.8	0.1
San Mateo Avenue	North of Tanforan Avenue/Shaw Road	3%	30	61.9	64.5	64.9	3.0	0.4
San Mateo Avenue	South of Tanforan Avenue/Shaw Road	3%	30	61.0	62.7	63.2	2.3	0.6
San Mateo Avenue	West of Airport Boulevard/Produce Avenue	3%	30	62.6	66.2	65.6	2.9	-0.7
Shaw Road	East of San Mateo Avenue [2]	3%	30	56.7	59.6	63.5	6.8	3.9
Shaw Road	West of Project Driveway [2]	3%	30	56.7	57.3	62.6	5.9	5.3
South Airport Boulevard	East of Airport Boulevard/Produce Avenue	3%	30	66.0	67.7	68.1	2.0	0.4
South Airport Boulevard	North of US 101 NB On- and Off-Ramp/Wondercolor Lane	3%	30	65.8	67.1	67.4	1.6	0.3
South Airport Boulevard	South of South Airport Boulevard/Mitchell Avenue	3%	30	65.6	67.0	67.4	1.8	0.4
South Airport Boulevard	South of US 101 NB On- and Off-Ramp/Wondercolor Lane	3%	30	65.8	67.6	67.8	2.0	0.2
South Airport Boulevard	West of South Airport Boulevard/Gateway Boulevard	3%	30	66.0	67.6	67.9	2.0	0.4
South Linden Avenue	South of San Mateo Avenue	3%	30	61.9	61.1	62.0	0.2	0.9
South Linden Avenue	West of San Mateo Avenue	3%	25	57.1	63.7	64.0	6.9	0.3
Tanforan Avenue	West of San Mateo Avenue	3%	25	50.8	55.6	56.8	6.0	1.3
Terminal Court	West of Produce Avenue/US 101 SB On-Ramp	3%	15	53.8	75.2 [3]	64.2	21.4	-11.0
US 101 NB On- and Off-Ramp	West of South Airport Boulevard	3%	10	65.6	67.7	67.8	2.2	0.0
US 101 SB Off-Ramp	East of Produce Avenue	3%	10	61.2	46.7	61.5	0.4	14.8
US 101 SB On-Ramp	South of Terminal Court	3%	55	72.2	74.5	74.0	1.8	-0.5
Wondercolor Lane	East of South Airport Boulevard	3%	10	53.7	58.9	58.9	5.1	-0.1

DNE - Does Not Exist. Under current existing conditions, these roadway segment ADTs would equal zero.

1. The Project Driveway north of Shaw Road does not currently exist. Therefore, measured existing ambient noise levels were used to calculate a proxy CNEL noise level near this segment.

2. These two modeled roadway segments represent the same section of road branching from two different intersections (the San Mateo Avenue intersection with Shaw Road/Tanforan Avenue, and the proposed Project Driveway intersection with Shaw Road). Although these are the same segment, small discrepancies in the traffic data provided by the project traffic engineers (Fehr and Peers) exist between these segments. Both segment results are presented in the appendix, but only one is presented in the Report. The difference between the segments is small (and not expected to be perceptible) for the Existing With Project noise levels.

3. Terminal Court west of Produce Avenue/US 101 SB On-Ramp would not exist under Year 2040 without Project Conditions. Therefore, measured existing ambient noise near this roadway segment is used to determine the Potential Cumulatively Considerable Project Contribution to a potential cumulative impact.

Appendix H:

Transportation Impact Analysis

Infinite 131

Transportation Impact Analysis

Prepared for:
City of South San Francisco and
US Terminal Owner LLC
June 2024

FEHR PEERS

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1. Introduction

1.1 Project Description

This transportation impact analysis (TIA) evaluates potential transportation impacts associated with the Infinite 131 development located west of Highway 101 in South San Francisco, California (herein referred to as the "Project"). The Project is located on a 17.67 acre site presently zoned as Mixed Industrial High and Mixed Industrial Medium. The Project includes demolition of approximately 126,750 square feet of industrial and operational uses that are currently occupied by the Golden Gate Produce Terminal, along with approximately 116,572 square feet of open-air structures such as loading docks and trash compactor areas. The Project would construct 1,632,000 square feet of research & development space, 21,000 square feet of conference space, a 20,000 square foot fitness center, 27,000 square feet of restaurant space, and 4,050 square feet of daycare space, for a total of 1.704 million square feet across seven campus buildings. The Project includes 2,976 proposed stalls, including 50 accessible spaces and 1,339 electric vehicle capable spaces. The Project would include amendments to the City's General Plan, Lindenville Specific Plan, and Zoning Code to change the existing land use and zoning designations to Business Technology Park High.

The Project site is bounded by the Park & Fly lot, US-101, and Produce Avenue to the east, Terminal Court to the north, the Navigable Slough to the south, and the San Mateo Avenue corridor to the west. The Park & Fly lot was recently entitled as the Infinite 101 development, a 696,000 square foot research and development campus by the same owner that would function as a separate phase to the Project. The Project site is approximately one mile south of the South San Francisco Caltrain Station, one mile north of the San Bruno Caltrain station, and one mile northeast of the San Bruno BART station. Primary bicycle and pedestrian site access is provided via the planned Class I Shared-Use Path along the western frontage of the site, which would connect to Shaw Road and Terminal Court/Produce Avenue. San Francisco International Airport (SFO) is located approximately two miles to the south.

The Project is subject to the City's TDM Ordinance (Chapter 20.400 of the City's Municipal Code) which requires the Project to implement a TDM program that achieves a 50 percent drive alone mode share target and complies with a trip cap. The TDM program elements include site enhancement strategies, on-site amenities, and programmatic and service strategies that encourage the use of alternative modes of travel. As described in the TDM Plan in **Appendix A**, the Project's TDM program would include all required measures including participation in Commute.org programs, a carpool/vanpool program, bicycle storage, showers, and lockers, a TDM coordinator, bicycle- and pedestrian-oriented site access, and encouragement telecommuting. Additionally, the Project would include fully subsidized transit passes, new shuttle services to Caltrain and BART, active transportation and transit capital improvements, on-site amenities, and a bicycle repair station. The measures will be monitored to ensure that they comply with the 50 percent non-drive-alone mode share required by the ordinance; failure to reach this goal would result in the implementation of additional measures and/or administration of penalties. Upon completion of both the Infinite 101 and Infinite 131 developments, monitoring would be coordinated between the two sites as a single campus.

Figure 1-1 shows the Project location, nearby intersections, and the surrounding roadway system. **Figure 1-2** presents the Project site plan. All figures in the report can be found at the end of their respective sections.

1.2 Significance Criteria

The impacts of the Project related to transportation will be considered significant under CEQA if any of the following thresholds of significance are exceeded, per Appendix G of the California Environmental Quality Act (CEQA) Guidelines:

- **Consistency with Plans & Policies:** A significant impact would a occur if the development of the Project would conflict with a program plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities;
- **Vehicle Miles Traveled (VMT):** A significant impact would a occur if the development of the Project would generate per-employee VMT greater than the City's adopted threshold of 15 percent below the regional average, according to CEQA Guidelines Section 15064.3, subdivision (b) and City of South San Francisco Resolution 77-2020 related to VMT;
- **Design Hazards:** A significant impact would a occur if the development of the Project would substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment); or
- **Emergency Access and Evacuation:** A significant impact would a occur if the development of the Project would result in inadequate emergency access

The thresholds of significance used in this document are based on Appendix G criteria and the City of South San Francisco's adopted local policies. The criteria of significance apply to all Project scenarios as measured against the corresponding No Project scenarios.

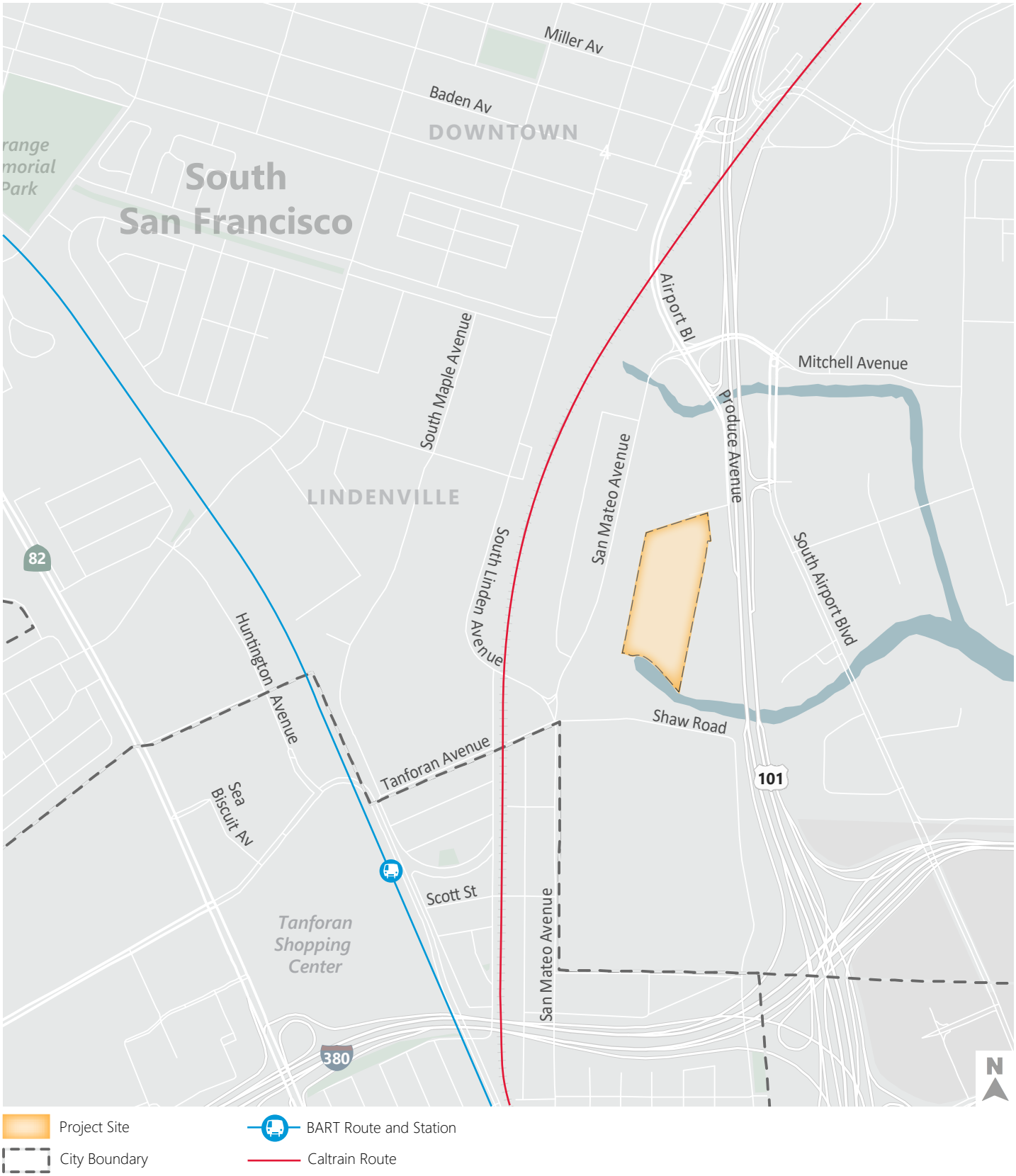


Figure 1-1
Project Location

Figure 1-2
Project Site Plan

2. Environmental Setting

This section describes the existing transportation and circulation setting near the Project site: the existing roadway network, transit network and service, pedestrian conditions, bicycle conditions, and emergency vehicle access.

2.1 Roadway Facilities

The Project site is located on the west side of U.S. Route 101 (US-101), south of Terminal Court, in the city's Lindenville District. Regional access to the Project site is provided via US-101, accessed via Produce Ave.

Key local roadways in the vicinity of the Project site are described below:

- *US-101* is an eight-lane freeway and principal north-south roadway connection between San Francisco, San José, and intermediate San Francisco Peninsula cities. In South San Francisco, US-101 is located directly adjacent to the Project site and serves the Project area with the Produce Ave/S Airport Boulevard Road exit. Access to the Project for vehicles traveling north on US-101 is provided by the S Airport Boulevard exit and underpass to the west side of the freeway. Access to the site for vehicles traveling south on US-101 is provided by the Produce Avenue exit.
- *Produce Avenue* is a three-lane arterial east of the Project, with two southbound lanes accessing the southbound US-101 onramp.
- *Terminal Court* is a two-lane cul-de-sac which intersects with Produce Avenue.
- *Shaw Road* is a two-lane local road south of the Project site and the Navigable Slough.
- *San Mateo Avenue* is a two-lane arterial west of the site which can provide access to Shaw Road from the north and the south.
- *Southline Avenue* is a new east-west street that will connect Sneath Lane and San Mateo Avenue/South Linden Avenue.

2.2 Transit Facilities and Service

The Project site is not directly served by regional rail, ferry, or bus transit services. Existing transit facilities are shown in **Figure 2-1** and described below.

Caltrain provides passenger rail service on the Peninsula between San Francisco and San José and limited-service trains to Morgan Hill and Gilroy during weekday commute periods. The South San Francisco Caltrain Station is approximately one mile north of the Project and is accessed from the Grand Avenue/Airport Boulevard intersection. Caltrain provides weekday service from 5:00 a.m. to 12:30 a.m., with two trains per hour during peak periods and hourly service during off-peak periods. In Fall 2024, Caltrain plans to complete its electrification project to support faster and more frequent rail service on the Peninsula; draft service plans published in October 2023 include a service increase in South San Francisco to four trains per hour per direction during peak periods (two express trains and two local trains) along with two trains per hour per direction during off-peak periods (local trains only).

Bay Area Rapid Transit (BART) provides regional rail service between the East Bay, San Francisco, and San Mateo County, connecting between San Francisco International Airport and Millbrae Intermodal Station to the south, San Francisco to the north, and Oakland, Richmond, Antioch, Dublin/Pleasanton, and Fremont in the East Bay. The San Bruno Station is the closest station to the Project site, about one mile southwest adjacent to the Tanforan Mall. The station is served by the Red Line (Richmond-Millbrae via SFO) and the Yellow Line (Antioch-SFO). BART provides service from 5:00 a.m. to 12:00 a.m. on weekdays and 6:00 a.m. to 12:00 a.m. on weekends. The Yellow Line operates at 10 minute frequencies during the day and every 20 minutes after 9:00 pm, while the Red Line operates every 20 minutes throughout the day and ceases service after 9:00 pm.

San Francisco Bay Area Water Emergency Transportation Authority (WETA) provides weekday commuter ferry service between the Oakland/Alameda ferry terminals and the South San Francisco Ferry Terminal at Oyster Point. The Ferry Terminal is located three miles northeast of the Project site. WETA provides three daily roundtrips during peak periods.

San Mateo County Transit District (SamTrans) provides bus service in San Mateo County. SamTrans Route 292 runs from San Francisco to Hillsdale and stops along Airport Boulevard about 0.7 miles north of the Project. Buses provide service every 30 minutes from 4:30 a.m. to 9:30 p.m. on weekdays and 6:50 a.m. to 6:50 p.m. on weekends.

The *Peninsula Traffic Congestion Relief Alliance (Commute.org)* provides weekday commute period first/last mile shuttles connecting employers in the East of 101 Area with BART, Caltrain, and the WETA Ferry Terminal. No shuttle service is present west of 101 near the Project site.

2.3 Pedestrian Facilities

Pedestrian facilities include sidewalks, crosswalks, trails, and pedestrian signals. Pedestrian facilities near the Project site serve walking trips connecting to shuttle stops, the Caltrain Station, multi-use trails, and nearby offices and businesses. Existing and proposed pedestrian facilities in the vicinity of the Project site are shown in **Figure 2-2**.

The Project site is located in an industrial-focused area with challenging pedestrian conditions. Sidewalks near the Project site are generally narrow, lack buffer zones from adjacent roadways, and are frequently interrupted by driveways. The following pedestrian facilities exist near the Project site.

- *San Mateo Avenue* has sidewalks on both sides of the street that are approximately five feet wide.
- *Shaw Road* has sidewalks on both sides of the street that are approximately five feet wide.
- *Produce Avenue* has a sidewalk on the west side of the roadway that is approximately five feet wide. Produce Avenue serves as a connection from South Airport Boulevard to the Project site. There are no sidewalks on the east side of Produce Avenue due to the US-101 freeway.
- *Terminal Court* has sidewalks that are approximately five feet wide. Terminal Court connects to Produce Avenue to the Project site. There are no marked pedestrian crossings connecting the north side of Terminal Court to the Project site.

2.4 Bicycle Facilities

Bicycle facilities consist of separated bikeways, bicycle lanes, routes, trails, and paths, bicycle parking, bicycle lockers, and showers for cyclists. Existing and proposed bicycle facilities in the vicinity of the Project site are shown in **Figure 2-2**. The California Department of Transportation (Caltrans) recognizes four classifications of bicycle facilities, as described below.

- Class I – Shared-Use Pathway: Provides a completely separated right-of-way for the exclusive use of cyclists and pedestrians with cross-flow minimized (e.g., off-street bicycle paths).
- Class II – Bicycle Lanes: Provides a striped lane for one-way travel on a street or highway. It may include a "buffer" zone consisting of a striped roadway between the bicycle lane and the nearest vehicle travel lane.
- Class III – Bicycle Route: Provides for shared use with motor vehicle traffic; however, they are often signed or include a striped bicycle lane.
- Class IV – Separated Bikeway: Provides a right-of-way designated exclusively for bicycle travel adjacent to a roadway protected from vehicular traffic. Types of separation include, but are not limited to, grade separation, flexible posts, inflexible physical barriers, or on-street parking.

There are no existing bicycle facilities near the Project site. The Centennial Way Trail is located approximately 0.75 miles west of the Project site and may be accessed via Tanforan Avenue, South Linden Avenue, and Shaw Road. The Bay Trail is located approximately 0.25 miles east of the Project site but requires a circuitous one-mile diversion to the north via South Airport Boulevard to access the trail. Most streets near the Project site pose barriers to bicycle use due to high volumes of auto and truck traffic.

2.5 Emergency Vehicle Access

Emergency vehicles typically use major streets through the study area when heading to and from an emergency and/or emergency facility. Arterial roadways allow emergency vehicles to travel at higher speeds and provide enough clearance space to permit other traffic to maneuver out of the emergency vehicle's path and yield the right-of-way. The nearest existing fire station to the Project is Fire Station 62 at 249 Harbor Way, approximately 0.9 miles east of the Project site, via Mitchell Avenue and Produce Avenue, with access to the Project via the driveway on Terminal Court. Alternatively, emergency vehicles can travel along San Mateo Avenue to access the Project Site via the driveway on Shaw Road. Harbor Way has one travel lane in each direction and a two-way center left turn lane. Mitchell Avenue and Produce Avenue have two travel lanes with a center median. Travel time is approximately five minutes from Fire Station 62 to the Project site, and the Project site allows for larger vehicle turning movements.

2.6 Transportation Plans and Policies

2.5.1 General Plan

The South San Francisco 2040 General Plan establishes a vision for the City's future growth. Its Circulation Element includes 5 goals, 13 policies, and 26 actions covering topics such as complete streets, vehicle

miles traveled, connectivity, safety, active transportation, TDM, parking, and innovations. Each goal is presented in **Table 2.1**, accompanied by policies and actions that are particularly relevant the Project:

Table 2.1 South San Francisco General Plan Mobility Goals, Policies, and Actions

#	Goal	Project-Related Policies & Actions
1	South San Francisco prioritizes safety in all aspects of transportation planning and engineering.	**Policy MOB-1.2:** Strive to reduce vehicle speeds throughout the city to reduce the frequency and severity of collisions. **Action MOB-1.2.1.** Incorporate traffic calming treatments into all street projects to support lower design speeds.
2	South San Francisco provides a multimodal network with convenient choices for everyone.	**Policy MOB-2.1**: Incorporate complete streets improvements into all roadway and development projects. **Action MOB-2.1.1:** *Complete multimodal design and impact analysis*. Ensure that roadway and development projects are designed and evaluated to meet the needs of all street users, and that development projects contribute to multimodal improvements in proportion to their potential impacts on vehicle miles traveled. **Action MOB-2.1.3:** *Implement Active South City Pedestrian and Bicycle Plan.* All capital improvements and development projects incorporate bicycle and pedestrian improvements identified in the Active South City Plan, such as trails, bikeways, bicycle detection at traffic signals, high-visibility crosswalks, and pedestrian-oriented site plans. **Action MOB-2.1.4**: Implement transit speed, reliability, and access improvements. All capital improvements and development projects near regional transit stations or bus/shuttle routes incorporate improvements to advance speed, reliability, and access, such as in-lane farside bus stops, bus-only lanes, queue jumps, and pedestrian/bicycle gap closures. **Policy MOB-2.2:** Advance more equitable transportation within South San Francisco. **Action MOB-2.2.2*:*** *Develop free bus and shuttle service for residents.* Develop a dedicated funding source or leverage private sector contributions to fund the South City shuttle and free bus service for South San Francisco residents. **Policy MOB-2.3:** Interaction between truck routes and bicycle/pedestrian priority streets. When streets are designed as a truck route and a priority street for bicyclists and pedestrians (either in the General Plan or Active South City Plan), complete a more detailed review and study to prioritize intersections and street

#	Goal	Project-Related Policies & Actions
		design for active mobility and limit truck movements to the designated truck routes.
3	South San Francisco proactively manages traffic and parking demand.	**Policy MOB-3.1:** Promote mode shift among employers. Manage the number of vehicle trips, with a focus on promoting mode shift among employers. **Action MOB-3.1.2:** *Implement an East of 101 Trip Cap.* Implement an East of 101 area trip cap with triennial monitoring and corrective actions if exceeded. Implement project-specific trip caps for large campus developments. **Policy MOB-3.2:** Optimize traffic operations on City streets. Optimize traffic operations on City streets while avoiding widening roadways or otherwise pursuing traffic operations changes at expense of multimodal safety, transit reliability, or bicycle and pedestrian comfort. **Action MOB-3.2.1:** *Update traffic operations metrics.* Use appropriate metrics (e.g. travel time, vehicle queues, vehicle delay/level of service, and/or person delay) to evaluate and advance projects that manage traffic flow in coordination with the implementation of complete streets. **Action MOB-3.2.2:** *Incorporate new street connections.* Incorporate new street connections to better distribute vehicle trips across South San Francisco's street network, especially in the East of 101 Area. **Policy MOB-3.3:** Right-size parking supply and maximize the efficiency of curb space. **Action MOB-3.3.1:** *Incorporate parking maximums.* Incorporate maximum parking requirements for new residential and office/R&D projects that align with TDM Ordinance trip reduction goals.
4	South San Francisco's land use and transportation actions reduce vehicle miles traveled (VMT) and greenhouse gas emissions	**Policy MOB-4.1:** Increase substantially the proportion of travel using modes other than driving alone. **Action MOB-4.1.1:** *Use site plan review to improve connectivity.* Use the development review process to identify opportunities to enhance bicycle, pedestrian, and transit connectivity.
5	South San Francisco residents have easy access to play, fitness, and active transportation networks.	**Policy MOB-5.1:** Expand the low-stress bike and pedestrian network. Capitalize on opportunities to expand the low-stress bike and pedestrian network throughout the city.

The General Plan proposes new streets and major transportation investments. The Utah Avenue Interchange project would create an overpass across US 101, from South Airport Boulevard to San Mateo

Avenue (via the northern edge of the Project site) connecting Lindenville to the East of 101 area. The US 101 southbound offramp and the US 101 northbound on/off ramp would be reconfigured as part of that project. Produce Avenue would remain as the access for the US 101 south onramp and the Project Driveway. Several other projects identified in the General Plan will impact the transit access, traffic operations, and multimodal performance of the Project.

The Project was not included in the General Plan and therefore requires a General Plan amendment.

2.5.2 Active South City Plan

The Active South City Plan identifies priority projects and policies to improve bicycle and pedestrian access through the city. The plan proposes an additional 50 miles of bike facilities for the network. In the proximity of the Project, the Active South City Plan proposed the following bicycle facilities:

- *San Mateo Avenue* – Class II Bicycle Lanes
- *Airport Boulevard* – Class IV Separated Bikeway
- *Shaw Road* – Class I Shared-Use Path
- *US-101 Bicycle & Pedestrian Bridge* – Class I Shared-Use Path
- *Utah Avenue Overpass* – Class II Bicycle Lanes

The planned bicycle network in relation to the Project site is illustrated in **Figure 2-2**.

The Active South City Plan also identifies Airport Boulevard and San Mateo Avenue as candidates for pedestrian improvements to enhance walkability and reduce conflicts with other modes.

2.5.3 Transportation Demand Management Ordinance

South San Francisco Zoning Code includes a Transportation Demand Management (TDM) Ordinance (Chapter 20.400). The ordinance aims to reduce VMT of new developments, manage congestion, and promote efficient use of the existing transportation network through TDM measure adoption, and ongoing monitoring and reporting. Each development tier is required to meet a different point value for TDM measure adoption, trip cap, and monitoring requirements. Tier 4 projects are required to achieve at least 50 points, conduct annual monitoring to achieve a maximum of 50 percent of employees commuting via driving alone, and conduct annual monitoring of a site-specific trip cap. The Project's TDM Plan is provided as an attachment.

2.5.4 Lindenville Specific Plan

The Lindenville Specific Plan expands upon the General Plan's vision for a mixed-use neighborhood, employment hub, and cultural center around the Project site. The Specific Plan identifies conceptual street layouts and circulation improvements for the Lindenville District that are generally consistent with the General Plan and Active South City Plan. **Table 2.2** summarizes mobility goals and policies included in the specific plan.

Table 2.2 Lindenville Specific Plan Mobility Goals and Policies

#	Goal	Project-Related Policies & Actions
MOB-1	Multi-modal travel options are readily available and offer equal levels of comfort.	Policy MOB-1.1: Establish key pedestrian-oriented streets. Transform streets with higher density mixed use development and arts and makers uses into welcoming pedestrian environments with street trees, lighting, and landscaping. Create a relaxing pedestrian environment along a rehabilitated Colma Creek. Policy MOB 1.2: Establish key low-stress bicycle routes. Facilitate seamless low-stress bicycle connections to Lindenville via South Spruce Avenue, Centennial Way Trail, and Tanforan Avenue, accompanied by feeder routes to access local destinations. Policy MOB 1.3: Establish high-quality transit facilities. Prioritize public transit mobility and facilities on South Spruce Avenue and at shuttle hubs at major employment centers. Policy MOB 1.4: Facilitate vehicle access in and out of Lindenville. Accommodate regional auto access to US-101 and I-380 via Southline Avenue, San Mateo Avenue, South Airport Boulevard, and an extension of Utah Avenue. Policy MOB 1.5: Prioritize safety. Prioritize safety and accessibility over speed and vehicle flow in all streetscape and intersection projects. Policy MOB 1.6: Plan for the future. Incorporate design choices, like flexible curb space, that futureproof the transportation network for emerging technologies like autonomous vehicles.
MOB-2	There are high-quality connections to Downtown, El Camino, East of 101, and regional destinations for all modes.	Policy MOB 2.1: Connect bicyclists and pedestrians to Lindenville. Complete low-stress bicycle and pedestrian connections to the Centennial Way Trail, Bay Trail, and the Colma Creek Greenbelt. Policy MOB 2.2: Connect regional transit riders to Lindenville. Work with SamTrans and individual employers to maintain high frequency, high-capacity transit service with direct connections to the South San Francisco Caltrain station and the San Bruno BART station. Policy MOB 2.3: Provide drivers direct connections to Lindenville. Add vehicle capacity to reach East of 101 and farther destinations by completing the Utah Avenue interchange project including a reconfiguration of southbound US-101 ramps.
MOB-3	Lindenville's transportation offerings and streetscape design support a vibrant mixed use district.	Policy MOB 3.1: Apply TDM requirements. Apply and enforce the citywide Transportation Demand Management (TDM) ordinance for new development in Lindenville. Policy MOB 3.2: Add new connections. Create short blocks with new streets, alleys, and pathways to support connections for people who walk, bike, or use other micromobility options. Policy MOB 3.3: Prioritize pedestrian and bike access. Require property owners to prioritize pedestrian and bicycle access in site design in the mixed use and office

#	Goal	Project-Related Policies & Actions
		corridors and de-emphasize vehicle access using design, wayfinding, and building amenities. Policy MOB 3.4: Overhaul key streets, support gradual shift elsewhere. Encourage land use transition and mode shift by overhauling the transportation experience on select corridors (e.g., South Spruce Avenue and South Canal Street) and taking a more gradual approach on others (e.g., South Linden Avenue and Victory Avenue). Incremental changes might include converting some parking to parklets and pick-up/drop-off zones and providing pedestrian bulbouts at crosswalks. Policy MOB 3.5: Facilitate safe truck activity. Use traffic calming features and slower speed limits to facilitate safe truck interaction with other modes in districts zoned for industrial and commercial uses while phasing in weight limits and large truck restrictions in the districts zoned for mixed use. Policy MOB 3.6: Incorporate stormwater management. Integrate blue-green infrastructure within the street right of way and curb-to-curb widths where appropriate to meet stormwater goals.

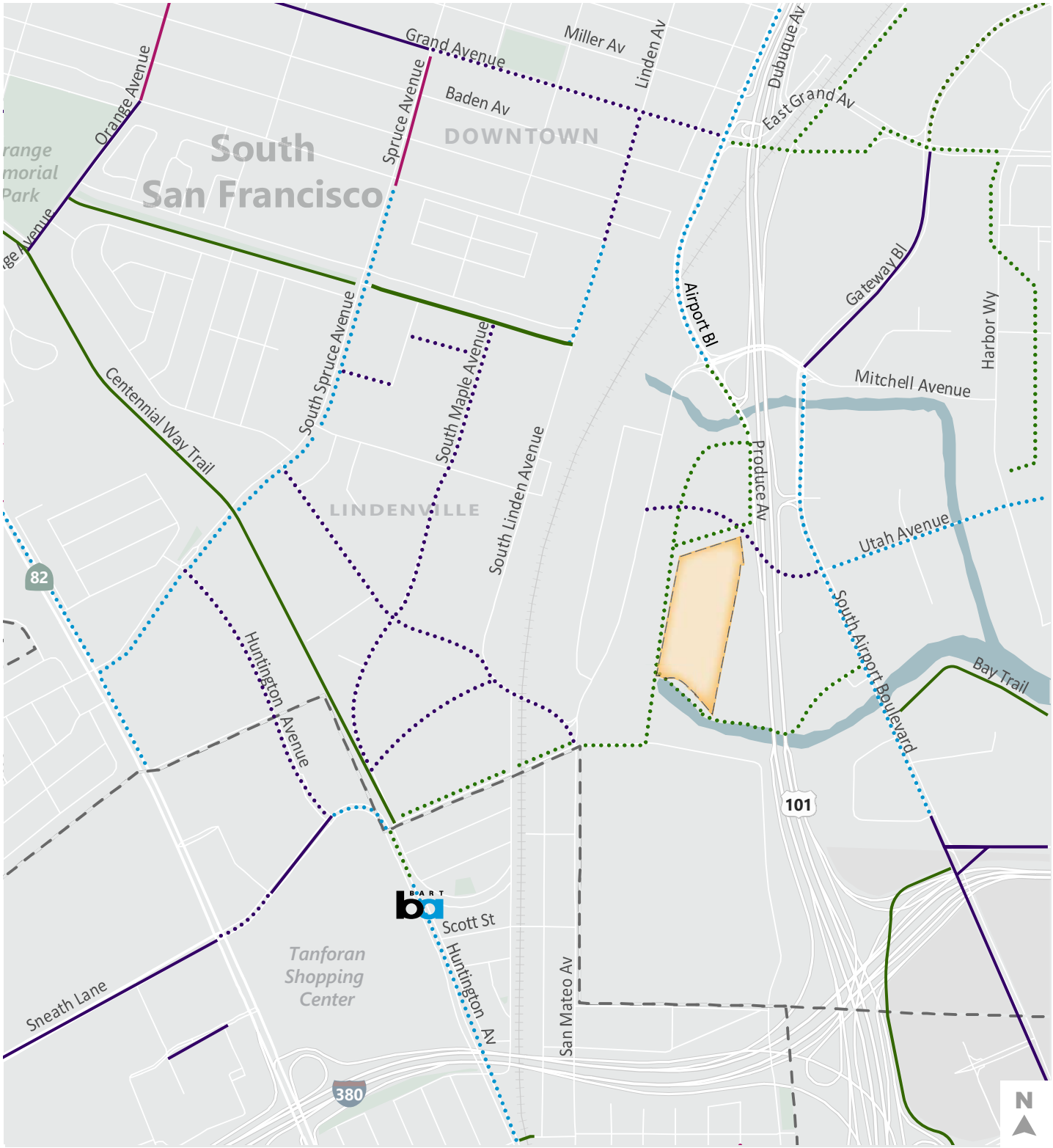
Many streets in Lindenville are particularly narrow with limited opportunities to widen sidewalks, add bicycle facilities, maintain parking, and add landscaping on every street. The Specific Plan uses a layered network approach that prioritizes walking, biking, transit, truck, and auto access on specific streets. Near the Project site, the plan identifies the following priorities:

- San Mateo Avenue and Southline Avenue are identified as auto priority streets that provide regional access to US-101 and the future Utah Avenue overpass.
- Southline Avenue and Produce Avenue/Airport Boulevard are identified as transit priority streets to facilitate shuttle access to and from BART and Caltrain. A shuttle route through the Project site is suggested, along with a new bus stop at the Airport Boulevard/Produce Avenue/San Mateo Avenue intersection.
- Shaw Road and Tanforan Avenue are identified as bicycle priority streets, with connections to a new trail crossing of US-101 along the Navigable Slough as well as a north-south bikeway along the western edge of the Project site. These bikeways would provide parallel alternatives to San Mateo Avenue and Utah Avenue, which would serve a high volume of auto and truck traffic.

The Specific Plan emphasizes the need to modernize local street infrastructure to accommodate changing land uses and incorporate first/last mile shuttle services to provide connections with BART and Caltrain.

Figure 2-1

Existing Transit Service



Project Site

City Boundary

Existing Bikeways

- Class I Shared Path
- Class II Bicycle Lane
- Class III Bicycle Route

Planned Bikeways

- Class I Shared Path
- Class II Bicycle Lane
- Class III Bicycle Route
- Class IV Separated Bikeway

Figure 2-2

Bicycle Facilities

3. Transportation Analysis

This section includes an analysis and findings of Project effects on transportation services and facilities, including motor vehicle travel and operations, transit service, pedestrian facilities, and bicycle facilities. The amount and distance of motor vehicle travel were analyzed using vehicle miles traveled (VMT). Bicycle, pedestrian, and transit impacts were qualitatively assessed.

3.1 Project Travel Demand

Project trip generation was calculated using the ITE Trip Generation Manual 11th Edition fitted curve equation for R&D land use and daycare, along withreductions associated with the Project's TDM plan, consistent with the City's TIA Guidelines as summarized in **Table 3.1**. Amenity uses are included within the R&D trip generation given the expected high internalization rate and comparable employee densities of these uses. Trip generation includes a 34 percent reduction associated with the Project's TDM Plan, consistent with the City's TDM ordinance for a Tier 4 project. According to this trip generation analysis, the Project would generate approximately 1,056 AM peak hour trips and 999 PM peak hour trips.

Table 3.1 Vehicle Trip Generation

Land Use[1]	AM Peak Hour			PM Peak Hour		
	In	Out	Total	In	Out	Total
R&D & Amenities (1,700,000 Square Feet)	1,261	227	1,538	232	1,221	1,453
TDM Reduction (34%)[2]	-429	-77	-523	-79	-415	-494
Daycare (50 Students)	22	19	41	19	21	40
Project Trip Generation	**854**	**169**	**1,056**	**172**	**827**	**999**

Notes:
1. Trip generation rates are based on ITE 11th Edition (Land Use #760 – Research and Development Center, fitted curve equation and Land Use #565 – Daycare, fitted curve equation)
2. 34 percent trip reduction based on TDM Plan, consistent with City's TDM policy for Tier 4 project.

Source: Fehr & Peers, 2023

Estimated peak hour person trips and mode share is presented in

Table 3.2. Consistent with the mode share targets included in the City's TDM Ordinance and recent survey data at comparable sites, the Project is estimated to generate approximately 50 percent of its peak hour travel via single occupancy vehicle, 20 percent via transit, 20 percent via telecommute, and 10 percent via carpool, vanpool, and active transportation. These estimates are for planning purposes only; actual mode shares may vary depending on site-specific and employer-specific characteristics as well as continued evolution in telecommuting patterns.

Table 3.2 Estimated Peak Hour Person Trips and Mode Share

Mode	Mode Share	AM Peak Hour Trips	PM Peak Hour Trips
Single Occupancy Vehicle	50%	954	901
Carpool/Vanpool	8%	153	144
Transit	20%	381	361
Active Transportation	2%	38	36
Telecommute	20%	381	361
Total Person Trips	**100%**	**1,907**	**1,803**

Notes:
1. Estimates based on review of City's TDM surveys and US Census data for 2019 and 2022 conditions
2. HOV/Vanpool assumes average vehicle occupancy of 2.5 persons per vehicle
3. For planning purposes only; actual mode shares may vary depending on site-specific and employer-specific characteristics as well as continued evolution in telecommuting patterns.

Source: Fehr & Peers, 2023

3.2 Consistency with Plans & Policies

As previously noted in Section 1.1, the Project site is currently designated as Mixed Industrial High and Mixed Industrial Medium under the City's Lindenville Specific Plan and Zoning Code, respectively. Neither the General Plan nor the Lindenville Specific Plan analyzed this site as Business Technology Park-High; in order to construct and operate the proposed Project, amendments to the General Plan, Specific Plan, and City Zoning Code would be required.

The Project includes various design features that are consistent with the General Plan and Lindenville Specific Plan. The Project would provide multimodal circulation improvements within the site, along its eastern frontage, and along the frontage of the Navigable Slough. The Project is designed to separate bicycles and pedestrians from vehicle traffic, which will circulate along the periphery of the site and connect Terminal Court with Shaw Road. The central courtyard is designed for people walking and biking or accessing the site via the shuttle service to/from regional transit stations. Speed humps and raised crosswalks are included on the internal roadways to prevent high vehicle travel speeds where there may be conflicts with other road users. These design features align with General Plan Goals MOB-1, MOB-2, MOB-4, and MOB-5, Lindenville Specific Plan goals MOB-1, MOB-2, and MOB-3, as well as the Active South City Plan, and the Transportation Demand Management Ordinance.

The Project complies with the measures and monitoring requirements identified in the TDM Ordinance**.** The Project will implement a TDM Plan that includes an enhanced shuttle commitment to serve first-last mile connections to the site, address active transportation gap closures, and fully subsidized transit passes for employees. The TDM Plan is expected to achieve 50 points under the TDM ordinance and implement a 50 percent trip cap, which aligns with General Plan goals MOB-3 and MOB-4. Additionally, the Project does not affect the potential implementation of the Utah Avenue Overpass or its connections to the relevant roadways and ramps, as identified in the General Plan.

Although the project's site plan and TDM plan exhibit features that are consistent with goals, policies, and actions identified in the General Plan and Lindenville Specific Plan, the project overall remains inconsistent as it would add 1.7 million square feet of R&D uses and amenities to the Produce Avenue corridor, an area where additional density was not identified or studied in the Lindenville Specific Plan or General Plan. This intensification of uses would occur in a location with insufficient access and circulation facilities, limited transportation options, and challenging connectivity to the regional transportation network. Therefore, the Project conflicts with the goals and policies of the General Plan and Lindenville Specific Plan. The project's lack of consistency with adopted plans and policies addressing the circulation system would constitute a significant impact. As mitigation, the Project would be required to implement various actions consistent with those identified in the General Plan, Lindenville Specific Plan, and Active South City Plan, described in **Mitigation Measure TRANS-1** below.

Mitigation Measure TRANS-1: Advanced Implementation of Transportation Improvements Identified in General Plan, Lindenville Specific Plan, and Active South City Plan

The Project shall implement and/or fund the following improvements identified in the General Plan, Lindenville Specific Plan, and Active South City Plan:

1. Signalization of the U.S. 101 Off-ramp/Produce Avenue and U.S. 101 On-ramp/Produce Avenue/Terminal Court Intersections.
   The project shall implement two new traffic signals along Produce Avenue to improve traffic operations, safety, and bicycle and pedestrian access to the project site. The traffic signals shall be located at the intersections of the U.S. 101 off-ramp/Produce Avenue and U.S. 101 on-ramp/Produce Avenue/Terminal Court. The traffic signals shall be accompanied by changes to lane configurations, sidewalks, crosswalks, and bicycle facilities identified by the City to achieve consistency with adopted plans and policies.
2. Redesign of the Produce Avenue/San Mateo Avenue/Airport Boulevard Intersection
   The project shall implement a redesign of the Produce Avenue/San Mateo Avenue/Airport Boulevard intersection to improve traffic operations, safety, and bicycle, pedestrian, and transit access to the project site. A partial redesign of this intersection is already funded by the 100 Produce, 124 Airport, and 40 Airport projects, which will include removal of slip lanes on the northeast, northwest, and southwest corners. The project's redesign shall include the reconfiguration of turning lanes, improvements to pedestrian and bicycle facilities, and the addition of bus stops and shelters for SamTrans Route 292, as identified by the City.
3. Construction of a Class IV Separated Bikeway from Baden Avenue to Terminal Court via Airport Boulevard and Produce Avenue
   The project shall implement a Class IV separated bikeway on Produce Avenue and Airport Boulevard from Baden Avenue to Terminal Court, connecting the Caltrain Station to the project site. This bikeway would close existing gaps between the project site, Caltrain Station, and downtown South San Francisco, enabling continuous bicycle travel separated from auto and truck traffic. Improvements would include construction of a two-way facility along the west side of Produce Avenue from Terminal Court to Airport Boulevard/San Mateo Avenue, transitioning to a pair of one-way facilities through the Caltrain crossing to Baden Avenue.

4. Signalization of the San Mateo Avenue/Shaw Road/Tanforan Avenue Intersection:
   The project shall implement a new traffic signal at the intersection of San Mateo Avenue/Shaw Road/Tanforan Avenue. This traffic signal would facilitate access to the project site via Shaw Road while reducing potential for multimodal conflicts. The traffic signal shall be accompanied by accessible sidewalk and curb ramp upgrades at the intersection, as well as associated signal and intersection/sidewalk modifications at the adjacent San Mateo Avenue/South Linden Avenue intersection.
5. Engineering Study of a New Southbound U.S. 101 Off-ramp Connecting to the Utah Avenue Overpass
   The project shall fund an engineering study of a new southbound U.S. 101 off-ramp connecting to the proposed Utah Avenue overpass as envisioned in the General Plan and Lindenville Specific Plan. The engineering study shall be led by the city. As currently envisioned, the overpass would not include a southbound off-ramp. A second off-ramp would facilitate more direct access to the overpass and address long-term queueing concerns. The off-ramp would be accompanied by a new street connection between Utah Avenue and Produce Avenue north of the project site.
6. Engineering Study and Fair-Share Contribution toward a New Trail Crossing of U.S. 101 South of the Project Site
   The project shall fund an engineering study for a new Class I shared-use path crossing of U.S. 101 to connect the Bay Trail with Shaw Road. The engineering study shall be led by the city. An engineering study of the planned U.S. 101 crossing has not yet occurred, and a preferred alternative alignment has not been determined. The engineering study will consider potential trail crossing alignments, incorporate the preferred alternative alignment into its site plan, and quantify a fair share contribution toward construction of the crossing.

These mitigations shall be completed by the applicant prior to the project receiving a certificate of occupancy. If the City implements these improvements in advance of the project's construction, the project shall reimburse the City for the cost of construction. If another development implements these improvements and/or engineering studies prior to the project's construction, the project shall be responsible for a fair-share reimbursement of construction costs to the developer leading these improvements. This funding will ensure that transportation facilities serving the project site are appropriately sized to handle multimodal travel demand associated with the project as envisioned in each plan.

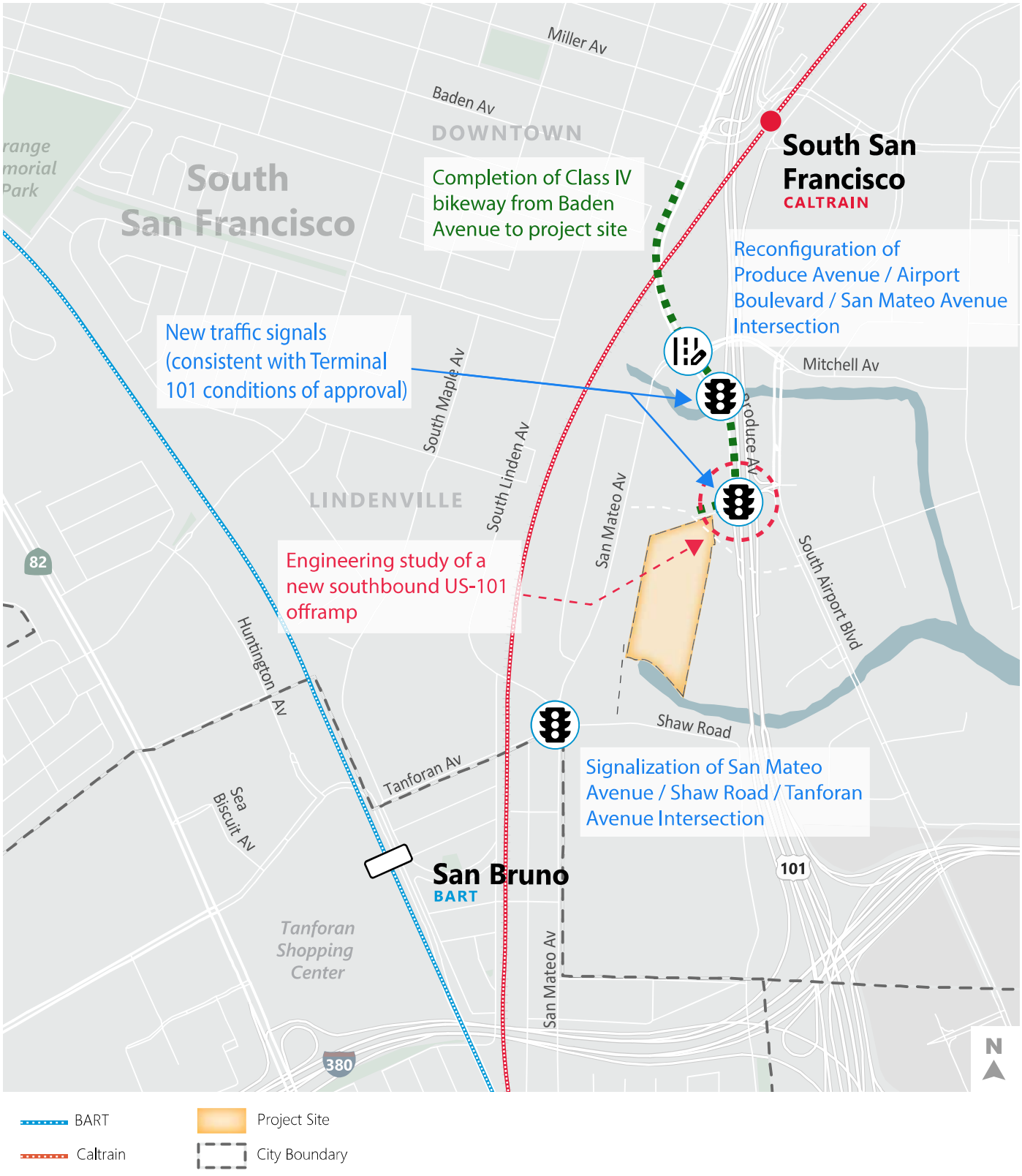


Figure 3-1
Transportation Mitigation Measures

With implementation of Mitigation Measure TRANS-1, the Project would advance offsite improvements consistent with Actions MOB-1.2.1, MOB-2.1.1, 2.1.3, 2.1.4, 3.2.1, and 3.2.2 to adequately address its effects on the transportation network. However, portions of this mitigation measure are under the jurisdiction of Caltrans and the City of San Bruno, and neither jurisdiction has a mechanism for funding this mitigation. Therefore, while the proposed mitigation could reduce the Project's impact, the impact would be significant and unavoidable because the City of South San Francisco cannot ensure its implementation,

3.3 Vehicle Miles Traveled

The Project's VMT was analyzed using the City of South San Francisco's VMT thresholds established in Resolution 77-2020 on June 10, 2020 and consistent with CEQA Guidelines Section 15064.3, subdivision (b). The adopted VMT threshold for employment-generating land uses determines that a project would have a significant transportation impact if its VMT is greater than 15 percent below the baseline for home-based work (HBW) VMT per employee. This threshold would be set at 12.7 (15 percent below the existing regional average of 14.9) HBW VMT per employee for office and R&D projects as shown in **Table 3.3**. This threshold of 12.7 HBW VMT per employee also applies to cumulative conditions.

Table 3.3 Home-Based Work Vehicle Miles Traveled Per Employee

Location	Estimated HBW VMT per Employee
Bay Area Region: Existing	14.9
HBW VMT Per Employee Threshold *(15% Below Existing)*	12.7
Project	17.5
Project with TDM Mitigation *(29.5% Reduction)*	12.3

Note: HBW= home-based work; VMT = vehicle miles traveled.
Source: Fehr & Peers, 2023; C/CAG-VTA Bi-County Transportation Demand Model, 2022.

As shown in **Table 3.3**, the Project without a TDM program is expected to generate 17.5 HBW VMT per employee under existing conditions, which is greater than the City's significance threshold of 12.7 HBW VMT. However, implementation of a TDM program is expected to reduce VMT to below the threshold of significance, as detailed in the following section. Therefore, the Project's impact to VMT would be less than significant.

3.3.1 Summary of TDM Program and Effectiveness

Per the City of South San Francisco Zoning Code Chapter 20.400, the Project is required to implement a combination of TDM programs, services, and infrastructure improvements as well as annual reporting and monitoring to reduce VMT. The Project's TDM Plan identifies several TDM measures consistent with the City's ordinance, including transit subsidies, participation in Commute.org programs, carpool/vanpool

programs, bicycle storage and amenities, designation of a TDM coordinator, bicycle- and pedestrian-oriented site access, encouraging telecommuting, first/last mile shuttle services, active transportation gap closures, onsite amenities, and bicycle repair stations.

Quantification of TDM reductions is based on the *Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity* by the California Air Pollution Control Officer's Association (CAPCOA) published in 2021. The Project would implement the following measures consistent with CAPCOA guidance:

> *Measure T-6 (Implement Commute Trip Reduction Program - Mandatory Implementation and Monitoring)* defines a commute trip reduction program with mandatory implementation and monitoring, which is consistent with several Project TDM measures defined in the City's ordinance along with City requirements for annual monitoring and reporting to ensure compliance. Project TDM measures that would be included in the mandatory trip reduction program include participation in Commute.org programs, carpool/vanpool programs and parking, bicycle storage, showers, and lockers, designation of a TDM coordinator, and fully subsidized transit passes. The Project would be subject to annual surveys and trip cap monitoring as described in the following section.
>
> *Measure T-20 (Expand Bikeway Network)* covers bikeway network expansion, which is consistent with the proposed active transportation gap closure measure covering both onsite and offsite bicycle improvements.
>
> *Measure T-25 (Extend Transit Network Coverage)* covers transit network expansion consistent with the proposed shuttle to connect the Project site with the existing BART station and Caltrain station to provide first/last-mile connectivity for employees and the public. This will add seven additional hours per day of transit service to the area. Prior to the expansion, there was no service within a half-mile radius surrounding the site. The free shuttles will connect the site with existing SamTrans, Caltrain, and BART service.

As shown in **Table 3.4**, the combination of these measures is expected to achieve a VMT reduction of 29.5 percent, which exceeds the 28 percent reduction needed to achieve a less-than-significant impact on VMT.

Table 3.4 TDM Program Elements

South San Francisco TDM Ordinance Requirements			CAPCOA Quantification of VMT Reductions[1]		
TDM Measure Description	Potential Points	Project Points	Measure	Title	Project Reduction
Fully Subsidized Transit Passes	15	15	T-6	Implement Commute Trip Reduction Program (Mandatory Implementation and Monitoring)	26.0%
Participation in Commute.org Programs	5	5			

South San Francisco TDM Ordinance Requirements			CAPCOA Quantification of VMT Reductions[1]		
TDM Measure Description	**Potential Points**	**Project Points**	**Measure**	**Title**	**Project Reduction**
Designated TDM Coordinator	1	1			
Carpool/ Vanpool Programs and Parking	3	3			
Bicycle Storage, Showers, and Lockers	2	2			
Bicycle Repair Station	1	1			
Active Transportation Gap Closure	Up to 6	6	T-20	Expand Bikeway Network	0.2%
Enhanced Shuttle Commitment	10	10	T-25	Extend Transit Network Coverage	4.6%
Transit Capital Improvements	Up to 6	2			
Bicycle and Pedestrian-Oriented Site Access	1	1	N/A	N/A	N/A
On-Site Pedestrian-Oriented Amenities	3	3			
Encourage Telecommuting & Flexible Work Schedules	1	1			
Total Project Points		**50**	**Total Project Reduction**		**29.5%**
Required Points		50	Required Project Reduction		28%

Source: *City of South San Francisco TIA Guidelines* and *Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity* (California Air Pollution Control Officer's Association, 2021)
Note: Each of the CAPCOA TDM strategies can be combined with others to increase the effectiveness of vehicle trip and VMT mitigation; however, the interaction between the various strategies is complex. Generally, with each additional measure implemented, a vehicle trip and VMT reduction is achieved, but the incremental benefit of vehicle trip and VMT reduction may be less than the benefit that measure would have if it was considered on its own. Thus, the list provides the maximum reductions expected and the effect of TDM measures should not be considered to be purely additive.

3.4 Design Hazards

3.4.1 US-101 Southbound Offramp/Produce Avenue Intersection

The Project would increase vehicle trips along southbound Produce Avenue and the southbound US-101 Produce Avenue off-ramp, which is presently a side-street stop-controlled off-ramp. The Project would contribute a net increase of approximately 170 vehicle trips in the AM peak hour and 30 vehicle trips in the PM peak hour to the westbound left turn movement from US-101 to Produce Avenue. The addition of vehicle trips in a side-street stop-controlled condition is expected to increase 95*th* percentile vehicle queues to spill back onto the US-101 off-ramp, which could present a hazardous condition (southbound vehicles on Produce Avenue do not have a stop sign, so vehicles turning left onto Produce Avenue would have to wait for gaps to turn left, and these queues are likely to block right-turning vehicles as well).

Additionally, the intersection meets AM and PM peak hour traffic signal warrants. Queueing conflicts at this intersection would pose a potentially significant impact.

The South San Francisco General Plan EIR (Impact TRANS-4) determined that implementation of the General Plan is likely to increase vehicle trips on City freeway ramps, which could exacerbate vehicle queues on ramps already in excess of their storage capacity. The Project would increase the severity of the significant impact.

As previously discussed in Section 3.2, the Project shall implement and/or fund adjacent improvements identified in the General Plan, Lindenville Specific Plan, and Active South City Plan via Mitigation Measure TRANS-1 (or reimburse the City or another developer if these improvements have already been implemented as mentioned in Mitigation Measure TRANS-1). This includes the signalization of the US-101 Offramp/Produce Avenue intersection consistent with the conditions of approval for the Terminal 101 project. Implementation of a traffic signal and associated lane reconfigurations would reduce vehicle queues while alleviating potential conflicts at the intersection. The Project would be responsible for implementing the traffic signal in collaboration with the City of South San Francisco and Caltrans.

With the implementation of this improvement measure, 95th percentile vehicle queues would not spill over onto the freeway mainline. The Project would be responsible for implementing the traffic signal in collaboration with the City of South San Francisco and Caltrans. However, portions of this mitigation measure are under the jurisdiction of Caltrans, and the City does not have a mechanism for funding this mitigation. Therefore, while the proposed mitigation could reduce the Project's impact, the impact would be significant and unavoidable because the City of South San Francisco cannot ensure its implementation,

3.4.2 US-101 Southbound Onramp/Terminal Court/Produce Avenue Intersection

The Project would increase vehicle trips entering and exiting Terminal Court at Produce Avenue, which is presently a side-street stop-controlled intersection. The Project would contribute approximately 730 vehicle trips in the AM peak hour and 700 vehicle trips in the PM peak hour to Terminal Court. The substantial increase in vehicle trips exiting Terminal Court during the PM peak hour may create a hazardous condition due to the lack of signal control and high-speed vehicle travel southbound on Produce Avenue onto US-101. Pedestrians and bicyclists crossing Terminal Court may also encounter conflicts with vehicles. The intersection meets the PM peak hour signal warrant with the Project.

As previously discussed in Section 3.2, the Project shall fund adjacent improvements identified in the General Plan, Lindenville Specific Plan, and Active South City Plan via Mitigation Measure TRANS-1 (or reimburse the City or another developer if these improvements have already been implemented as mentioned in Mitigation Measure TRANS-1). This includes the addition of a traffic signal that would address the intersection's traffic control needs. The Project would be responsible for implementing the traffic signal in collaboration with the City of South San Francisco and Caltrans. However, portions of this mitigation measure are under the jurisdiction of Caltrans, and the City does not have a mechanism for funding this mitigation. Therefore, while the proposed mitigation could reduce the Project's impact, the

impact would be significant and unavoidable because the City of South San Francisco cannot ensure its implementation,

3.4.3 San Mateo Avenue/Shaw Road/Tanforan Avenue intersection

The Project would increase vehicle trips entering and exiting via Shaw Road, which is presently side-street stop-controlled at San Mateo Avenue. The Project would contribute approximately 360 vehicle trips in the AM peak hour and 400 vehicle trips in the PM peak hour to Shaw Road movements. The increase in vehicle trips exiting Terminal Court during the PM peak hour may create a hazardous condition due to the lack of signal control. The intersection meets the PM peak hour signal warrant with the Project.

As previously discussed in Section 3.2, the Project shall fund adjacent improvements identified in the General Plan, Lindenville Specific Plan, and Active South City Plan via Mitigation Measure TRANS-1 (or reimburse the City or another developer if these improvements have already been implemented as mentioned in Mitigation Measure TRANS-1). This includes the addition of a traffic signal that would address the intersection's traffic control needs. The Project would be responsible for implementing the traffic signal in collaboration with the City of South San Francisco and City of San Bruno. However, portions of this mitigation measure are under the jurisdiction of the City of San Bruno, and the City does not have a mechanism for funding this mitigation. Therefore, while the proposed mitigation could reduce the Project's impact, the impact would be significant and unavoidable because the City of South San Francisco cannot ensure its implementation,

3.4.4 Site Circulation

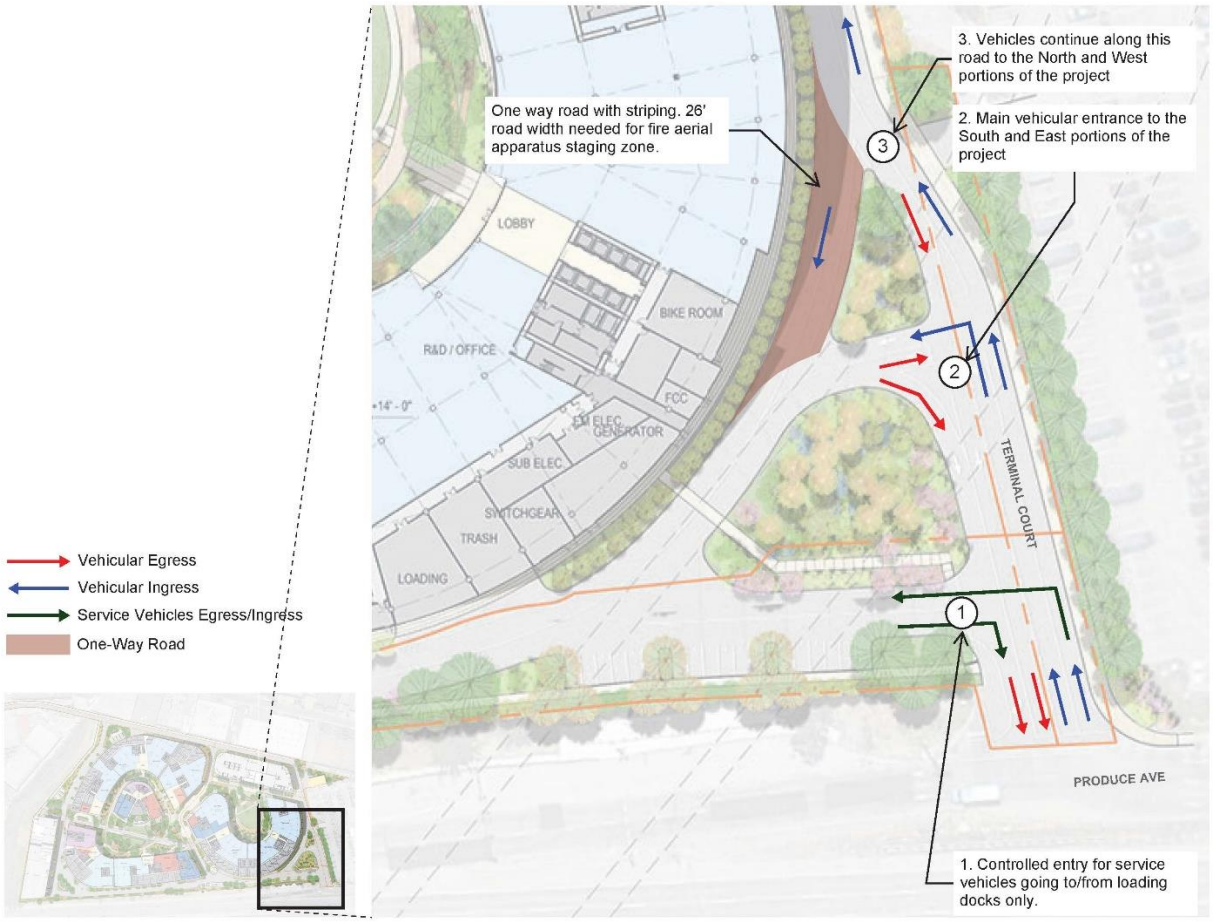
The Project's site plan is not expected to pose any onsite design hazards or incompatible land uses. The Project's internal streets, bicycle facilities, and pedestrian facilities would be designed consistent with applicable design standards and do not appear to pose potential conflicts.

The Project realigns Terminal Court to remove the existing cul-de-sac, allowing the street to function as an extension of the Project's driveway. This realignment will improve operations and queueing capacity entering and exiting the Project site.

In reviewing the Project's preliminary site plan, the City identified potential conflicts associated with the proximity of the Infinite 131 driveways in relation to Infinite 101 driveways. In response, the Project's site plan was amended to clarify circulation and access controls along Terminal Court, as illustrated in

Figure 3-2. Access to Infinite 101 and Infinite 131 would occur via two driveways about 200 to 300 feet from the Terminal Court/Produce Avenue intersection, while the third driveway adjacent to the Terminal Court/Produce Avenue intersection would be restricted for service vehicles only to limit potential conflicts. With these updates, the Project's site plan is not expected to present any design hazards.

Figure 3-2 Terminal Court Driveways



3.5 Emergency Access

Vehicle trips generated by the Project would represent a small percentage of overall daily and peak hour traffic on roadways and freeways in the study area. The Project would not include features that would alter emergency vehicle access routes or roadway facilities; fire and police vehicles would continue to have access to all facilities around the entire City. Emergency vehicles would have full access to the Project site from all driveways connecting to adjacent streets; each driveway would be equipped to handle all types of emergency vehicles. Therefore, the Project would result in adequate emergency access.

4. Impacts and Mitigations Summary

This section includes the evaluation of the Project's potential impacts. This section also describes the required associated mitigation measures that would reduce impacts of the Project.

4.1 Consistency with Plans & Policies

Impact TRANS-1: Development of the proposed Project would conflict with the General Plan and Lindenville Specific Plan and results in a significant impact based on lack of consistency with such plans and policies. (Significant / *Significant and Unavoidable with Mitigation*)

As discussed in Section 3.2, the Project site is currently designated as Mixed Industrial High and Mixed Industrial Medium under the City's Lindenville Specific Plan and Zoning Code, respectively. Neither the General Plan nor the Lindenville Specific Plan analyzed this site as Business Technology Park-High; in order to construct and operate the proposed Project, amendments to the General Plan, Specific Plan, and City Zoning Code would be required.

Although the project's site plan and TDM plan exhibit features that are consistent with goals, policies, and actions identified in the General Plan and Lindenville Specific Plan, the project overall remains inconsistent as it would add 1.7 million square feet of R&D uses and amenities to the Produce Avenue corridor, an area where additional density was not identified or studied in the Lindenville Specific Plan or General Plan. This intensification of uses would occur in a location with insufficient access and circulation facilities, limited transportation options, and challenging connectivity to the regional transportation network. Therefore, the Project conflicts with the goals and policies of the General Plan and Lindenville Specific Plan. The project's lack of consistency with adopted plans and policies addressing the circulation system would constitute a **significant impact**. As mitigation, the Project would be required to implement various actions consistent with those identified in the General Plan, Lindenville Specific Plan, and Active South City Plan.

Mitigation Measure TRANS-1: Advanced Implementation of Transportation Improvements Identified in General Plan, Lindenville Specific Plan, and Active South City Plan

Consistent with the improvements detailed in Section 3.2, the Project shall implement and/or fund following improvements identified in the General Plan, Lindenville Specific Plan, and Active South City Plan:

1. Signalization of the U.S. 101 Off-ramp/Produce Avenue and U.S. 101 On-ramp/Produce Avenue/Terminal Court Intersections.
   The project shall implement two new traffic signals along Produce Avenue to improve traffic operations, safety, and bicycle and pedestrian access to the project site. The traffic signals shall be located at the intersections of the U.S. 101 off-ramp/Produce Avenue and U.S. 101

on-ramp/Produce Avenue/Terminal Court. The traffic signals shall be accompanied by changes to lane configurations, sidewalks, crosswalks, and bicycle facilities identified by the City to achieve consistency with adopted plans and policies.

2. Redesign of the Produce Avenue/San Mateo Avenue/Airport Boulevard Intersection
   The project shall implement a redesign of the Produce Avenue/San Mateo Avenue/Airport Boulevard intersection to improve traffic operations, safety, and bicycle, pedestrian, and transit access to the project site. A partial redesign of this intersection is already funded by the 100 Produce, 124 Airport, and 40 Airport projects, which will include removal of slip lanes on the northeast, northwest, and southwest corners. The project's redesign shall include the reconfiguration of turning lanes, improvements to pedestrian and bicycle facilities, and the addition of bus stops and shelters for SamTrans Route 292, as identified by the City.
3. Construction of a Class IV Separated Bikeway from Baden Avenue to Terminal Court via Airport Boulevard and Produce Avenue
   The project shall implement a Class IV separated bikeway on Produce Avenue and Airport Boulevard from Baden Avenue to Terminal Court, connecting the Caltrain Station to the project site. This bikeway would close existing gaps between the project site, Caltrain Station, and downtown South San Francisco, enabling continuous bicycle travel separated from auto and truck traffic. Improvements would include construction of a two-way facility along the west side of Produce Avenue from Terminal Court to Airport Boulevard/San Mateo Avenue, transitioning to a pair of one-way facilities through the Caltrain crossing to Baden Avenue.
4. Signalization of the San Mateo Avenue/Shaw Road/Tanforan Avenue Intersection:
   The project shall implement a new traffic signal at the intersection of San Mateo Avenue/Shaw Road/Tanforan Avenue. This traffic signal would facilitate access to the project site via Shaw Road while reducing potential for multimodal conflicts. The traffic signal shall be accompanied by accessible sidewalk and curb ramp upgrades at the intersection, as well as associated signal and intersection/sidewalk modifications at the adjacent San Mateo Avenue/South Linden Avenue intersection.
5. Engineering Study of a New Southbound U.S. 101 Off-ramp Connecting to the Utah Avenue Overpass
   The project shall fund an engineering study of a new southbound U.S. 101 off-ramp connecting to the proposed Utah Avenue overpass as envisioned in the General Plan and Lindenville Specific Plan. The engineering study shall be led by the city. As currently envisioned, the overpass would not include a southbound off-ramp. A second off-ramp would facilitate more direct access to the overpass and address long-term queueing concerns. The off-ramp would be accompanied by a new street connection between Utah Avenue and Produce Avenue north of the project site.
6. Engineering Study and Fair-Share Contribution toward a New Trail Crossing of U.S. 101 South of the Project Site
   The project shall fund an engineering study for a new Class I shared-use path crossing of U.S. 101 to connect the Bay Trail with Shaw Road. The engineering study shall be led by the city. An engineering study of the planned U.S. 101 crossing has not yet occurred, and a preferred alternative alignment has not been determined. The engineering study will consider potential

trail crossing alignments, incorporate the preferred alternative alignment into its site plan, and quantify a fair share contribution toward construction of the crossing.

These mitigations shall be completed by the applicant prior to the project receiving a certificate of occupancy. If the City implements these improvements in advance of the project's construction, the project shall reimburse the City for the cost of construction. If another development implements these improvements and/or engineering studies prior to the project's construction, the project shall be responsible for a fair-share reimbursement of construction costs to the developer leading these improvements. This funding will ensure that transportation facilities serving the project site are appropriately sized to handle multimodal travel demand associated with the project as envisioned in each plan.

With implementation of **Mitigation Measure TRANS-1**, the Project would advance offsite improvements consistent with Actions MOB-1.2.1, MOB-2.1.1, 2.1.3, 2.1.4, 3.2.1, and 3.2.2 to adequately address its effects on the transportation network. However, portions of this mitigation measure are under the jurisdiction of Caltrans and the City of San Bruno, and neither jurisdiction has a mechanism for funding this mitigation. Therefore, while the proposed mitigation could reduce the Project's impact, the impact would be **significant and unavoidable** because the City of South San Francisco cannot ensure its implementation,

4.2 Vehicle Miles Traveled

Impact TRANS-2: Development of the Project would generate HBW VMT in excess of the City's Threshold of Significance. (*Less than Significant*)

As described in Section 3.3, the Project is required to implement a TDM Plan consistent with City of South San Francisco Zoning Code Chapter 20.400. The Project's TDM Plan identifies several TDM measures consistent with the City's ordinance, including transit subsidies, participation in Commute.org programs, carpool/vanpool programs, bicycle storage and amenities, designation of a TDM coordinator, bicycle- and pedestrian-oriented site access, encouraging telecommuting, first/last mile shuttle services, active transportation gap closures, onsite amenities, and bicycle repair stations. Annual reporting and monitoring is required to document compliance with mode share and trip cap targets.

Implementation of the Project's TDM program would reduce VMT below the City's threshold of significance of 12.7 HBW VMT per employee. Therefore, the Project's impact would be less than significant.

4.3 Design Hazards

Impact TRANS-3: Development of the Project would introduce potentially hazardous roadway conditions along Produce Avenue and Terminal Court. (Significant / *Significant and Unavoidable with Mitigation*)

As documented in Section 3.4, the Project would increase vehicle trips along Produce Avenue at the intersections of US-101 Offramp/Produce Avenue and US-101 Onramp/Produce Avenue/Terminal Court. The addition of vehicle trips along the US-101 southbound offramp would cause vehicle queues to spill over onto US-101, while both intersections would meet peak hour signal warrants. The South San Francisco General Plan EIR determined that implementation of the General Plan is likely to increase vehicle trips on City freeway ramps, which could exacerbate vehicle queues on ramps already in excess of their storage capacity. The Project would exacerbate this impact.

As mitigation, the Project shall fund the signalization of the US-101 Offramp/Produce Avenue and US-101 Onramp/Produce Avenue/Terminal Court intersections as previous identified in **Mitigation Measure TRANS-1**. The Project's site plan is otherwise not expected to present any design hazards.

Implementation of new traffic signals along Produce Avenue would reduce vehicle queues exiting US-101 while alleviating potential conflicts both intersections. However, as previously stated in Section 3.2, portions of this mitigation measure are under the jurisdiction of Caltrans and the City of San Bruno, and neither jurisdiction has a mechanism for funding this mitigation. Therefore, while the proposed mitigations could address the Project's impact, the impact to design hazards would be **significant and unavoidable** because the City of South San Francisco cannot ensure its full implementation.

4.4 Emergency Access

Impact TRANS-4: **Development of the Project would not result in inadequate emergency access under Existing Plus Project and Cumulative Plus Project conditions. (*Less than Significant*)**

The Project would provide adequate emergency vehicle access consistent with applicable design standards. Both driveways will accommodate all types of emergency vehicles accessed via Terminal Court and Shaw Road. The Project is not expected to introduce or exacerbate conflicts for emergency vehicles. Therefore, the Project would not result in inadequate emergency vehicle access, and the Project's impacts to emergency access would be less than significant.

Mitigation Measures: None required.

5. Local Transportation Analysis

This section evaluates the Project's effects on the local transportation network consistent with the City of South San Francisco's Transportation Impact Analysis Guidelines. This analysis is provided for informational purposes and is not associated with CEQA thresholds of significance.

5.1 Parking

The Project provides adequate parking.

The Project's proposed parking supply meets the parking maximums for R&D space set forth in Table 20.330.004 of the zoning code; (1.5 parking spaces per 1,000 square feet of R&D space). The Project provides a total of 2,976 parking spaces across two parking garages and a surface parking lot. Of these, 2388 spaces would be used primarily for R&D uses (consistent with the City's maximum allowable parking supply of 1.5 spaces per 1,000 square feet) and 579spaces would be used for other amenity uses. As documented in the Project's draft Parking Management Plan, amenity parking spaces would be designated for visitor use only and would remain consistent with the Project's mode share and trip cap targets.

> **Condition of Approval: Parking Management Plan**
>
> The Project applicant has submitted a draft Parking Management Plan. Prior to issuance of a certificate of occupancy, the applicant shall submit a Final Parking Management Plan for review and approval by the Chief Planner. If the Final Parking Management Plan identifies non-office/research and development building square footage that is no longer accessible to the general public, the total amount of parking provided on the site will be reduced proportionally and replaced with open space and/or landscaping in keeping with adjacent areas.

5.2 Passenger Loading

The Project provides adequate passenger loading.

The Project provides six onsite passenger drop-off spaces located on the north side of the office building, which connects to the building entrances via pedestrian pathways through the courtyard on the west side of the site. The loading zone can be accessed through the surface parking on the north side of the site. Passenger loading activities are not expected to obstruct pedestrian, bicycle, transit, or auto facilities. By dispersing loading activity across the site, the Project is unlikely to experience queuing that would infringe on roadways or bicycle or pedestrian facilities.

5.3 Bicycle and Pedestrian Access

Development of the Project would limit conflicts between vehicles, pedestrians, and bicyclists.

The Project's site plan would incorporate pedestrian and bicycle enhancements to reduce the risk of multimodal conflicts. Pedestrian and bicycle access to the Project site would be provided via a Class I trail connecting to Terminal Court and Shaw Road, as well as additional sidewalks connecting to Terminal Court. The site plan includes several walkways and plazas facilitating internal pedestrian and bicycle circulation. With implementation of **Mitigation Measure TRANS-1**, the Project would include more comfortable connections to regional transit via walking and biking, including a ¾ mile connection to the South San Francisco Caltrain Station, a ¼ mile walk to SamTrans bus stops, and a ¾ mile connection to the San Bruno BART Station.

The Project provides adequate bicycle parking.

The Project proposes to provide short-term and long-term bicycle parking spaces consistent with City code requirements. A total of 176 bicycle parking spaces would be provided throughout the site, including 149 long-term bicycle parking spaces and 27 short-term bicycle parking spaces. The short-term bicycle parking spaces would be located near the lobby entrances to the proposed buildings. The long-term bicycle parking spaces, as well as showers, would be provided on the ground floor of the I131N and I131S buildings and within a bicycle storage room in the parking garage.

5.4 Transit

The Project does not result in a deficiency in transit service or access.

The Project would rely heavily on BART and Caltrain ridership to meet its mode share and trip cap targets. As described in the Project's TDM Plan, the Project would provide a new first/last shuttle service as the primary means of connecting to regional transit providers. A shuttle stop would be provided near the center of the Project site. Implementation of **Mitigation Measure TRANS-1** would further enhance active transportation access to Caltrain, BART, and SamTrans services as previously noted.

5.5 Off-Site Traffic Operations

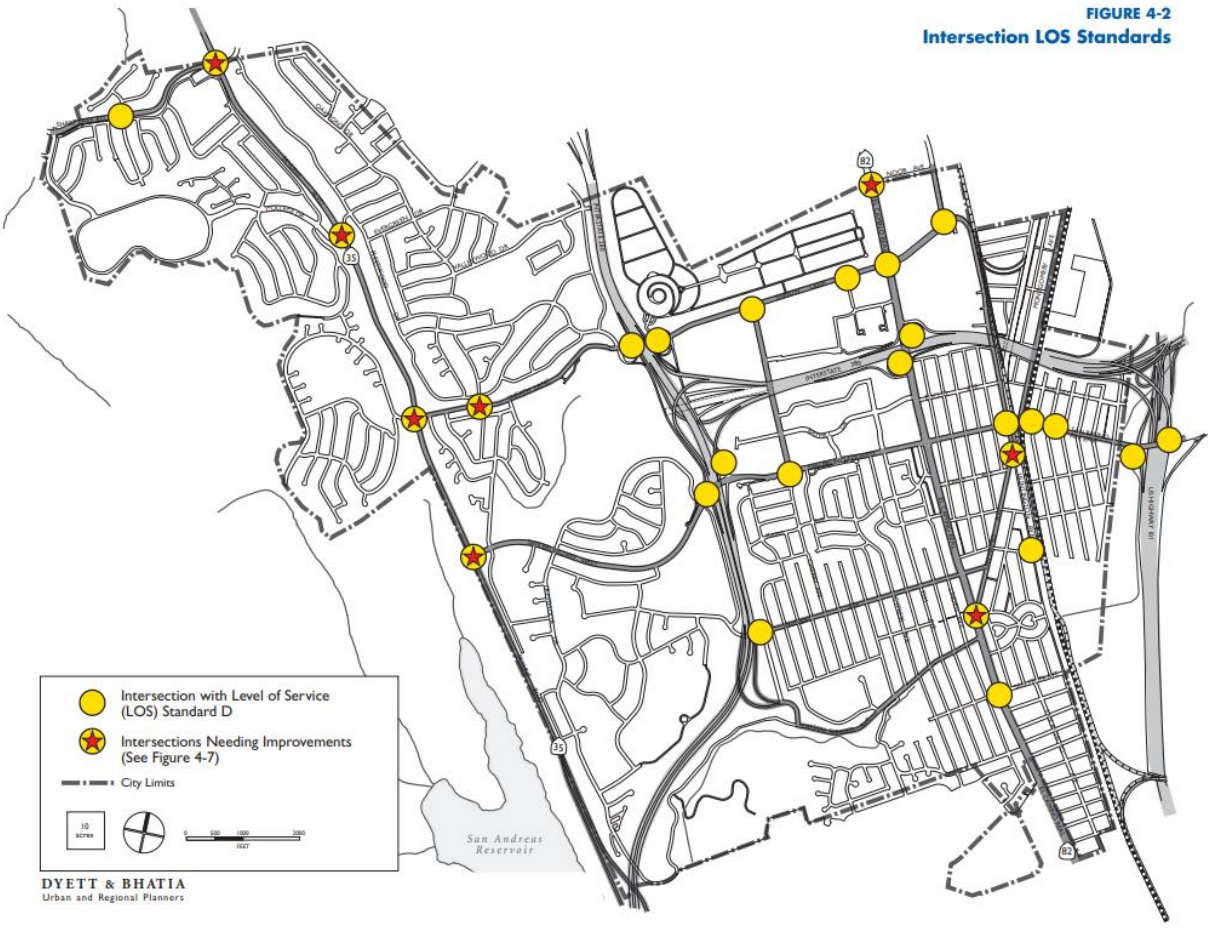
This section provides informational analysis of traffic operations within the cities of South San Francisco and San Bruno near the Project site.

5.5.1 Approach and Methodology

The City of South San Francsico no longer has a Level of Service (LOS) standard for auto operations. Instead, General Plan Policy MOB-3.2 directs the City to "optimize traffic operations on City streets while avoiding widening roadways or otherwise pursuing traffic operations changes at expense of multimodal safety, transit reliability, or bicycle and pedestrian comfort."

The City of San Bruno maintains a LOS D threshold at specific intersections identified in its General Plan and illustrated in **Figure 5-1**.

Figure 5-1 City of San Bruno LOS Standards



Study intersections were selected based on input from City of South San Francisco and City of San Bruno staff as well as analysis of trip distribution and assignment. Sixteen study intersections were analyzed in this study: six intersections within the City of South San Francisco and 10 intersections within the City of San Bruno:

City of South San Francisco:

0. Airport Boulevard-Produce Avenue/South Airport Boulevard-San Mateo Avenue
1. Produce Avenue/US 101 South Off-Ramp
2. Produce Avenue/Terminal Court (side street stop controlled)
3. South Airport Boulevard/Mitchell Avenue
4. South Airport Boulevard/US 101 North Ramps
5. San Mateo Avenue/South Linden Avenue

City of San Bruno:

6. San Mateo Avenue/Tanforan Avenue/Shaw Road (side street stop controlled)
7. El Camino Real / Sneath Lane
8. Huntington Avenue / Sneath Lane
9. I-280 NB Ramps / Sneath Lane
10. I-280 SB Ramps / Sneath Lane
11. El Camino Real / San Bruno Avenue
12. Huntington Avenue / San Bruno Avenue
13. San Mateo Avenue / San Bruno Avenue
14. US 101 SB & San Bruno Avenue
15. US 101 SB & San Bruno Avenue

Trip distribution and assignment were performed using the C/CAG Model and City of South San Francisco's subarea traffic model ("City Model"). This City Model is based on a subarea extraction from the C/CAG Travel Demand Model, which covers San Mateo County and the Bay Area region. The City Model provides greater network detail for South San Francisco and San Bruno than the C/CAG Model. It includes a 2019 base year and 2040 horizon year, which includes all land use and transportation changes documented in the 2040 General Plan.

Traffic operations analysis was performed using Synchro software based on Chapter 19 of the HCM 6th Edition. Analysis of signalized intersection operations is based on the average control delay experienced by motorists traveling through it. Control delay incorporates delay associated with deceleration, acceleration, stopping, and moving up in the queue. This method uses various intersection characteristics (such as traffic volumes, lane geometry, and signal phasing) to estimate the average control delay**. Tables 4-1** and **4-2** summarize the relationship between average delay per vehicle and LOS for signalized intersections and unsignalized intersections, respectively, according to the HCM 6th Edition.

Table 5.1 Signalized Intersection LOS Criteria

LOS	Description	Average Delay Per Vehicle (Seconds)
A	Operations with very low delay occurring with favorable progression and/or short cycle length.	≤ 10
B	Operations with low delay occurring with good progression and/or short cycle lengths.	> 10 and ≤ 20
C	Operations with average delays resulting from fair progression and/or longer cycle lengths. Individual cycle failures begin to appear.	> 20 and ≤ 35
D	Operations with longer delays due to a combination of unfavorable progression, long cycle lengths, or high volume-to-capacity (V/C) ratios. Many vehicles stop and individual cycle failures are noticeable.	> 35 and ≤ 55
E	Operations with high delay values indicating poor progression, long cycle lengths, and high V/C ratios. Individual cycle failures are frequent occurrences.	> 55 and ≤ 80
F	Operation with very high delay values to most drivers occurring due to over saturation poor progression, or very long cycle lengths.	> 80

Source: Transportation Research Board, 2016. Highway Capacity Manual 6th Edition

Table 5.2 Unsignalized Intersection LOS Criteria

Level of Service	Description	Average Control Delay Per Vehicle (Seconds)
A	Little or no traffic delays.	≤ 10
B	Short traffic delays.	> 10 and ≤ 15
C	Average traffic delays.	> 15 and ≤ 25
D	Long traffic delays.	> 25 and ≤ 35
E	Very long traffic delays.	> 35 and ≤ 50
F	Extreme traffic delays with intersection capacity exceeded.	> 50

Source: Transportation Research Board, 2016. Highway Capacity Manual 6th Edition

5.5.2 Analysis Scenarios

The effect of the Project on the surrounding transportation system were evaluated for the five scenarios listed below:

- Scenario 1: Existing Conditions
- Scenario 2: Existing Conditions plus Infinite 101
- Scenario 3: Existing Conditions plus Infinite 101 and Infinite 131
- Scenario 4: Cumulative Conditions (General Plan)
- Scenario 5: Cumulative Conditions (General Plan) with Infinite 131

Existing Conditions plus Infinite 101 represents the base condition with the addition of Infinite 101, which was previously entitled by the City. This condition represents a reasonably foreseeable near-term outlook that incorporates the signalization of the US-101 offramp at Produce Avenue and the Produce Avenue/Terminal Court intersection, which were identified as conditions of approval for the Infinite 101 project. Existing Conditions plus Infinite 101 and Infinite 131 represents the base condition with the full Infinite 101 and Infinite 131 project.

Cumulative Conditions represents 2040 land use and transportation conditions consistent with the South San Francisco General Plan as well as planned developments within the City of San Bruno (including buildout of the Bayhill Specific Plan and Tanforan Mall redevelopment). Cumulative conditions includes completion of the Utah Avenue overpass and associated changes to US-101 freeway ramps. Cumulative Conditions does not include the Infinite 131 Project as it is not consistent with the General Plan. Cumulative Conditions Plus Infinite 131 incorporates the Infinite 131 Project into the Cumulative 2040 forecasts.

5.5.3 Analysis Results: South San Francisco

The Project would contribute to congested intersection operations under existing and cumulative conditions, particularly east of US-101. As shown in **Table 5.3** and **Table 5.4**, no intersections presently operate at LOS F; however, with the addition of Infinite 101 and Infinite 131, three intersections will operate at LOS F under existing plus project conditions during the PM peak period. Nearly all intersections operate at LOS F under cumulative conditions in the PM peak period. Implementation of **Mitigation Measure TRANS-1** is included as a part of the Infinite 131 project in this analysis.

Table 5.3: South San Francisco LOS Analysis, AM Peak

Intersection	Existing (2023)						Cumulative (2040)			
	Existing		Existing + I101		Existing + I101 + I131		General Plan		General Plan + I131	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Airport Boulevard / San Mateo Avenue / Produce Avenue	33.2	C	36.5	D	40.5	D	64.4	E	51.1	D
Produce Avenue & US 101 SB Off Ramp	13.7	B	2.8	A	3.3	A	*NA*		2.2	A
Produce Avenue & Terminal Court	21.4	C	6.6	A	7.0	A	11.0	B	19.3	B
Airport Boulevard & Mitchell Avenue	37.3	D	38.0	D	37.8	D	**>80**	**F**	**>80**	**F**
South Airport Boulevard & US 101 NB Ramps	23.3	C	77.0	E	77.5	E	48.5	D	**>80**	**F**
San Mateo Avenue & South Linden Avenue	9.4	A	8.8	A	8.6	A	64.5	E	61.6	E

Notes:

1. For signalized intersection, average intersection delay is shown. For unsignalized intersections, worst approach delay is shown.
2. The South San Francisco General Plan 2040 network assumes the replacement of the US-101 Southbound/Produce Avenue offramp with a new offramp connecting to the Utah Avenue overpass. However, the I101 and I131 projects would instead maintain and signalize this offramp in addition to the planned new offramp to Utah Avenue.

Table 5.4: South San Francisco LOS Analysis, PM Peak

Intersection	Existing (2023)						Cumulative (2040)			
	Existing		Existing + I101		Existing + I101 + I131		General Plan		General Plan + I131	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Airport Boulevard / San Mateo Avenue / Produce Avenue	77.7	E	**>80**	**F**	**>80**	**F**	**>80**	**F**	**>80**	**F**
Produce Avenue & US 101 SB Off Ramp	20.1	C	31.0	C	31.7	C	*NA*		9.7	A
Produce Avenue & Terminal Court	61.5	F	33.2	C	54.7	D	**>80**	**F**	**>80**	**F**
Airport Boulevard & Mitchell Avenue	74.1	E	73.6	E	74.2	E	**>80**	**F**	**>80**	**F**
South Airport Boulevard & US 101 NB Ramps	29.2	C	**>80**	**F**	**>80**	**F**	65.9	E	**>80**	**F**
San Mateo Avenue & South Linden Avenue	9.8	A	10.0	B	10.2	B	**>80**	**F**	**>80**	**F**

Notes:

1. For signalized intersection, average intersection delay is shown. For unsignalized intersections, worst approach delay is shown.
2. The South San Francisco General Plan 2040 network assumes the replacement of the US-101 Southbound/Produce Avenue offramp with a new offramp connecting to the Utah Avenue overpass. However, the I101 and I131 projects would instead maintain and signalize this offramp in addition to the planned new offramp to Utah Avenue.

5.5.4 Analysis Results: San Bruno

Study intersections in San Bruno experience comparatively less traffic congestion than South San Francisco. As shown in Table 5.5 and Table 5.6, only one intersection presently operates at a level inconsistent with city LOS thresholds (Huntington/Sneath during the PM peak hour). With the addition of the Infinite 101 and Infinite 131 projects, no other intersections would perform at a level inconsistent with city LOS thresholds under existing plus project conditions. Under cumulative conditions without the Infinite 131 Project, one additional intersection performs at a level inconsistent with City LOS thresholds (El Camino Real / Sneath Lane). The addition of the Infinite 131 Project causes a third intersection to also perform at a level inconsistent with City LOS Thresholds (Huntington Avenue / San Bruno Avenue). Implementation of **Mitigation Measure TRANS-1** is included as a part of the Infinite 131 project in this analysis.

Table 5.5: San Bruno LOS Analysis, AM Peak

Intersection	Existing						Cumulative			
	Existing		Existing + I101		Existing + I101 + I131		General Plan		General Plan + I131	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
San Mateo Avenue / Tanforan Avenue / Shaw Road	13.2	B	20.3	C	25.5	D	37.9	D	59.1	E
El Camino Real / Sneath Lane	32.9	C	33.2	C	33.3	C	**>80**	**F**	**>80**	**F**
Huntington Avenue / Sneath Lane	38.0	D	36.1	D	36.4	D	**>80**	**F**	**>80**	**F**
I-280 NB Ramps / Sneath Lane	14.7	B	12.2	B	12.3	B	17.7	B	18.3	B
I-280 SB Ramps / Sneath Lane	19.7	B	19.3	B	18.8	B	54.4	D	50.3	D
El Camino Real / San Bruno Avenue	39.1	D	38.9	D	39.1	D	42.4	D	42.3	D
Huntington Avenue / San Bruno Avenue	17.0	B	17.9	B	18.0	B	30.9	C	35.1	D
San Mateo Avenue / San Bruno Avenue	24.2	C	19.9	B	20.3	C	30.6	C	38.2	D
US 101 SB & San Bruno Avenue	18.2	B	18.5	B	18.7	B	22.0	C	21.8	C
US 101 SB & San Bruno Avenue	21.6	C	22.0	C	22.2	C	22.3	C	22.7	C

Notes:

1. For signalized intersection, average intersection delay is shown. For unsignalized intersections, worst approach delay is shown.
2. **Bold** indicates intersection performance inconsistent with City of San Bruno LOS standards.

Table 5.6: San Bruno LOS Analysis, PM Peak

Intersection	Existing						Cumulative			
	Existing		Existing + I101		Existing + I101 + I131		General Plan		General Plan + I131	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
San Mateo Avenue / Tanforan Avenue / Shaw Road	15.2	C	38.4	E	>80	F	50.8	D	>80	F
El Camino Real / Sneath Lane	43.0	D	44.1	D	46.1	D	**>80**	**F**	**>80**	**F**
Huntington Avenue / Sneath Lane	**>80**	**F**	**>80**	**F**	**>80**	**F**	**>80**	**F**	**>80**	**F**
I-280 NB Ramps / Sneath Lane	14.5	B	14.7	B	14.6	B	25.0	C	26.0	C
I-280 SB Ramps / Sneath Lane	15.1	B	15.3	B	15.2	B	23.8	C	26.1	C
El Camino Real / San Bruno Avenue	41.5	D	41.9	D	42.0	D	43.6	D	43.7	D
Huntington Avenue / San Bruno Avenue	18.0	B	19.5	B	20.3	C	41.2	D	**56.0**	**E**
San Mateo Avenue / San Bruno Avenue	23.1	C	25.6	C	26.0	C	32.3	C	36.9	D
US 101 SB & San Bruno Avenue	19.0	B	19.3	B	19.7	B	26.6	C	27.5	C
US 101 SB & San Bruno Avenue	30.6	C	31.4	C	32.1	C	36.8	D	36.7	D

Notes:

1. For signalized intersection, average intersection delay is shown. For unsignalized intersections, worst approach delay is shown.
2. **Bold** indicates intersection performance inconsistent with City of San Bruno LOS standards.

5.5.5 Improvement Measures

As previously noted, implementation of **Mitigation Measure TRANS-1** would address deficiencies associated with unsignalized intersections and freeway ramp queueing, and as a secondary effect would also address traffic operations needs to some extent. Limited options remain for capacity improvements or widening near the Project site due to lack of available right-of-way. Such changes would also generally conflict with City of South San Francisco General Plan Policy MOB-3.2 and intersection buildout conditions identified in the City of San Bruno's General Plan.

Appendix I:
TDM Plan

Infinite 131

Transportation Demand Management Plan

Prepared for:
City of South San Francisco
June 2024

FEHR PEERS

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Introduction

This report presents a Transportation Demand Management (TDM) Plan, per City of South San Francisco Zoning Code Chapter 20.400, for the proposed research & development buildings known as the Infinite 131 Project, herein referred to as the "Project." A description of the proposed project is included on the following pages.

The City of South San Francisco TDM Ordinance strives to accomplish the following goals:

- Reduce the amount of traffic generated by new nonresidential development.
- Ensure that expected increases in traffic resulting from growth in employment opportunities in the City of South San Francisco will be adequately mitigated.
- Reduce drive-alone commute trips during peak traffic periods by using a combination of services, incentives, and facilities.
- Promote the more efficient utilization of existing transportation facilities and ensure that new developments are designed in ways to maximize the potential for alternative transportation usage.
- Establish an ongoing monitoring and enforcement program to ensure that the desired alternative mode use percentages are achieved.

The City requires the Project to enact a TDM program to achieve a maximum drive alone commute mode share of 50 percent pursuant to the City's Municipal Code Chapter 20.400. Additionally, the Project must implement annual monitoring of a site-specific trip cap. These requirements are consistent with a Tier 4 classification (large office/R&D project) under the TDM Ordinance and also meet the TDM requirements established by the City/County Association of Governments of San Mateo County (C/CAG).

This TDM Plan identifies a set of strategies, measures, and incentives to encourage future tenant employees at the Project to walk, bicycle, ride transit, or carpool when commuting to and from work. In order to accomplish this goal, this plan presents a range of proven strategies and measures.

Project Description

The Project would construct 1,632,000 square feet of research & development space, 21,000 square feet of conference space, a 20,000 square foot fitness center, 27,000 square feet of restaurant space, and 4,050 square feet of daycare space, for a total of 1.704 million square feet across seven campus buildings. The Project includes 2,976 proposed stalls, including 50 accessible spaces and 1,339 electric vehicle capable spaces. The Project is located adjacent to the Infinite 101 development, a recently entitled 696,000 square foot R&D. campus that would function as a separate phase to the Project. Upon completion of both the Infinite 101 and Infinite 131 developments, the two sites would function as a single campus. **Figure 1** illustrates the Project location, while **Figure 2** depicts site circulation.

Figure 1
Project Location

Figure 2

Project Site Plan

Project Setting

Transit Connections

The following transit services operate within South San Francisco near the Project site. Existing transit services are shown in **Figure 3**. Descriptions provided in this section reflect transit operations in Fall 2023.

BART

BART provides regional rail service between the East Bay, San Francisco, and San Mateo County, with connections to San Francisco International Airport and Millbrae Intermodal Station to the south, San Francisco to the north, and Oakland, Richmond, Pittsburgh/Bay Point, Dublin/Pleasanton and Fremont in the East Bay. Two BART lines serve South San Francisco Station: the Yellow Line connecting Antioch with San Francisco International Airport, and the Red Line connecting Richmond and Millbrae. Each BART line operates every 15-minutes throughout the day. The closest station is San Bruno BART Station, located approximately one mile southwest of the Project site in neighboring San Bruno.

Caltrain

Caltrain provides passenger rail service on the Peninsula between San Francisco and San José, and limited service to Morgan Hill and Gilroy during weekday commute periods. The South San Francisco Caltrain Station is located approximately one mile north of the Project site and San Bruno Caltrain Station is located approximately one mile south of the Project site in neighboring San Bruno. Both stations are served by local and limited trains from around 5:00 A.M. to 12:30 A.M., with approximately 30-minute headways during peak periods and 60-minute headways during off-peak periods. In early 2022, Caltrain relocated the South San Francisco Caltrain station several hundred feet to the south to provide a more direct connection to downtown South San Francisco. By late 2024, Caltrain plans to complete its electrification project to support the operation of faster and more frequent rail service on the Peninsula, and expects to modify its schedules accordingly.

WETA (San Francisco Bay Ferry)

The Water Emergency Transportation Authority (WETA) provides weekday commuter ferry service between the Oakland/Alameda ferry terminals and the South San Francisco Ferry Terminal at Oyster Point (known as the San Francisco Bay Ferry). There are three morning departures from Oakland/Alameda to South San Francisco, and three evening departures from South San Francisco to Oakland/Alameda. The South San Francisco Ferry Terminal is located approximately 3 miles to the northeast of the Project site.

SamTrans

SamTrans provides bus service in San Mateo County. There are no existing SamTrans bus stops within a reasonable walking distance of the Project site.

Figure 3

Existing Transit Service

First/Last Mile Shuttle Connections

There are currently no existing shuttles serving the Project site.

Bicycle and Pedestrian Connections

The Project site is located adjacent to US 101, a navigable slough, and existing industrial and parking facilities, which heavily constrain bicycle and pedestrian connectivity. Produce Avenue has a continuous sidewalk along the west side of the street that connects to the intersection with San Mateo Avenue and Airport Boulevard. People walking or biking to or from the site currently must use this route. At buildout, the Project has proposed a new trail connection with Shaw Road. Shaw Road has a sidewalk on the north side of the street to the west of the right-of-way and on the south side of street in both directions; there is no existing street crossing of Shaw Road at the right-of-way.

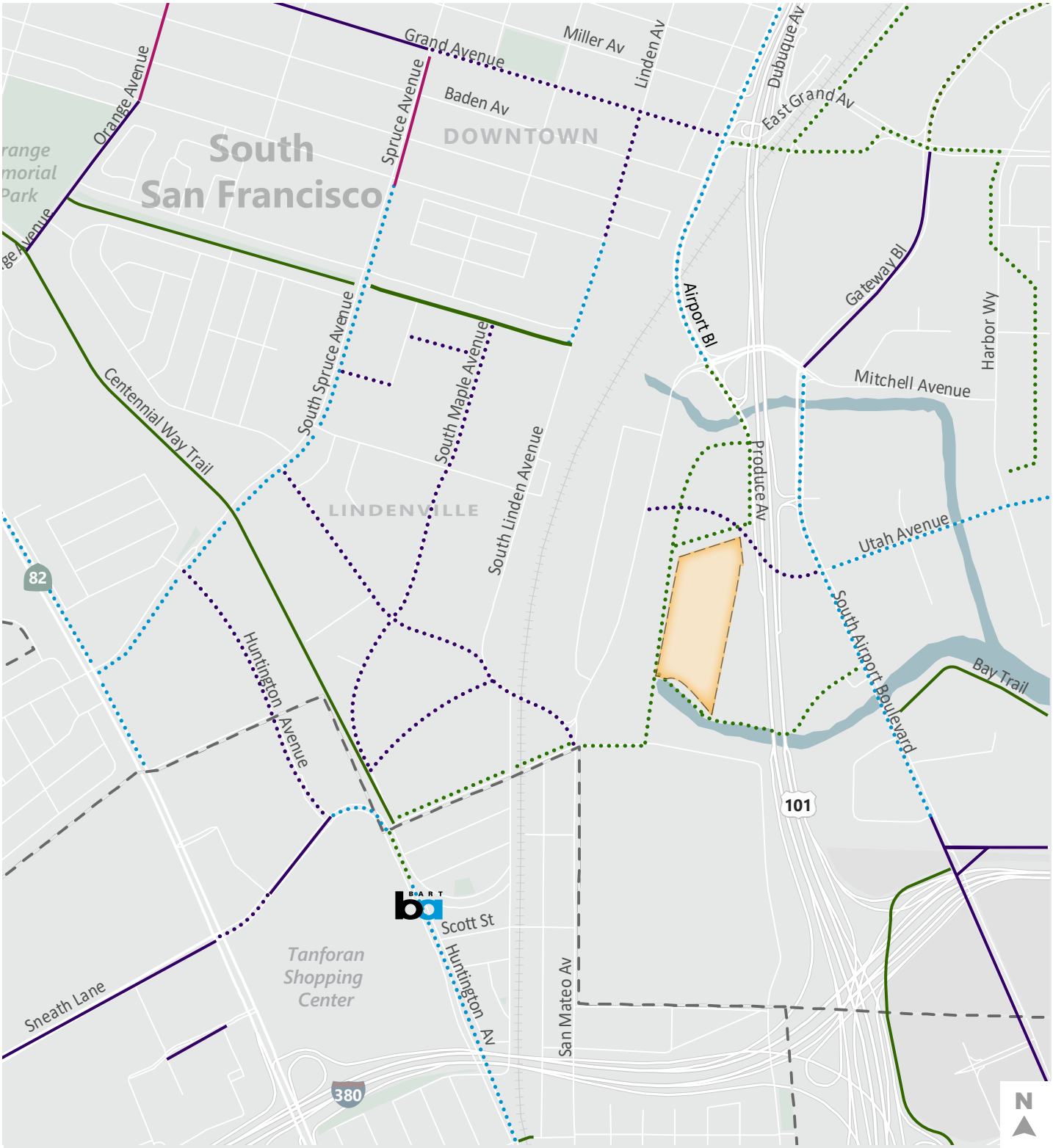
While the City continues to expand its bicycle and pedestrian network, the area surrounding the Project has historically experienced low volumes of pedestrians and bicyclists due to commute lengths, lack of continuous low stress facilities, and lack of network connectivity to residences and transit stations.

To address the gap in the bicycle and pedestrian network near the Project site, the City has proposed a bicycle and pedestrian bridge and trail in the vicinity of the Project site in its *Active South City Bicycle and Pedestrian Master Plan*. The trail would connect the Bay Trail and Centennial Way Trail via the Navigable Slough, Shaw Road, and an eventual grade separation of Caltrain at Tanforan Avenue. **Figure 5** illustrates existing and planned bikeway facilities as well as sidewalk infrastructure gaps in South San Francisco.

San Mateo County TDM Resources

The Project would have access to trip reduction services offered by Commute.org. Commute.org is a public agency whose mission is to reduce the number of drive-alone vehicles traveling to, from or through San Mateo County. The agency's goal is to help residents and commuters find alternatives to driving alone that are less stressful, less costly, and better the environment. The agency provides information and commute planning assistance to employees, employer programs, and city transportation demand management partnerships. Commute.org also provides first/last mile shuttle services in the East of 101 Area. **Figure 4** illustrates some current promotions and services offered by Commute.org that are open to all employees in San Mateo County.

Figure 4: Commute.org TDM Promotional Programs



Project Site

City Boundary

Existing Bikeways

- Class I Shared Path
- Class II Bicycle Lane
- Class III Bicycle Route

Planned Bikeways

- Class I Shared Path
- Class II Bicycle Lane
- Class III Bicycle Route
- Class IV Separated Bikeway

Figure 5

Bicycle Facilities

Proposed Transportation Demand Management Program

This section summarizes the Project's proposed TDM program as presently envisioned in the planning process. When applying for a Certificate of Occupancy, the applicant shall submit a compliance form and appropriate attachments finalizing the TDM program and documenting how the program will be implemented before the site reaches 50% occupancy.

Proposed TDM Program

The City's TDM Ordinance has two components: a points-based planning checklist and annual performance monitoring thresholds. As a Tier 4 project, the Project is required to submit a completed TDM checklist that achieves a minimum threshold of 50 points, consistent with achieving a 50 percent drive alone mode share target (via survey) and compliance with an onsite trip cap (via counts).

As illustrated in Table 1, the Project would implement all required measures per the City's TDM Ordinance, including the following:

- 50% Transit Pass Subsidies and Pre-Tax Transit Benefits
- Participation in Commute.org Programs
- Carpool/Vanpool Programs and Parking
- Bicycle Storage, Showers, and Lockers
- Designated TDM Coordinator
- Bicycle and Pedestrian-Oriented Site Access
- Encourage Telecommuting & Flexible Work Schedules

The Project would also implement the following optional measures:

- Enhanced Shuttle Commitment
- Fully Subsidized Transit Passes
- Active Transportation Gap Closure
- Transit Capital Improvements
- On-Site Pedestrian-Oriented Amenities
- Bicycle Repair Station

Each measure is described in detail below.

Participation in Commute.org Programs

The Project will partner with Commute.org to provide TDM marketing services and promotions via its Certified Development Program (https://commute.org/resources/developers/). Commute.org offers a wide array of programs and marketing support to all eligible employers, property managers, and cities within San Mateo County. Key services that the Project will participate in include the Commute.org ride-matching program (designed to aid in carpool and vanpool formation); Guaranteed Ride Home services; and general educational and promotional programs and materials. The Project's designated TDM coordinator will obtain a certificate of participation from Commute.org each year as part of the annual monitoring and reporting process.

Carpool/Vanpool Programs and Parking

The Project will ensure that employer tenants offer carpool and vanpool programs that include subsidies or other monetary incentives (e.g., gas card after carpooling for a given amount of time, or parking subsidies for carpools), dedicated carpool and vanpool parking, as well as ride-matching services to help facilitate these shared trips. Elements of the carpool program (such as use of the regional ride-matching program) will be provided in partnership with Commute.org.

Bicycle Storage, Showers, and Lockers

The Project will provide safe and convenient bicycle parking per City code requirements, as well as showers, changing rooms, and lockers. The Project is proposing to provide short-term bicycle parking spaces and long-term bicycle parking spaces in excess of code requirements. Short-term bicycle parking will be located near main building entrances and will be easily accessible.

Designated TDM Coordinator

The Project will designate a TDM coordinator. This individual may either be an employee of the Project's property management or contracted through a third-party provider. The TDM coordinator shall provide oversight and management of the program's implementation.

In addition, the TDM coordinator will provide lists of mandatory and optional measures to all individual businesses. Tenants will be obligated (via lease language) to provide a point of contact for the Designated TDM Coordinator. The TDM Coordinator, in turn, will verify that tenants are implementing all required measures as part of the annual monitoring and reporting process.

Bicycle and Pedestrian-Oriented Site Access

The Project will enhance bicycle and pedestrian access by providing new connections and onsite circulation paths. The Project will provide pedestrian walkways between all core buildings and bicycle routes through the site. Bicycle access will primarily be provided via a new trail along the Navigable Slough connecting to Shaw Road.

Encourage Telecommuting & Flexible Work Schedules

The Project shall encourage employers to allow telecommuting at least one day per week to reduce overall vehicle trips, unless an employee's job functions cannot be performed from a remote location. When employees commute to work, employers shall encourage flexible work schedules that help shift travel outside of peak hours. Uptake of remote work, telecommuting, and flexible work schedules will be monitored via survey.

Enhanced Shuttle Commitment

The Project will provide first/last mile shuttles to the San Bruno BART Station and South San Francisco Caltrain Station. Since no shuttle routes are present near the Project site, the Project sponsor will establish new routes. A minimum of one vehicle would be dedicated to each route (two vehicles total) with service at least every 15 minutes during the AM and PM peak periods (totaling a minimum of six hours per day). The proposed shuttle routes are shown in **Figure 6**, though actual circulation patterns around the campus may vary.

New shuttle services should adhere to the City's suggested practices identified in its Transportation Analysis Guidelines:

- The Project sponsor is encouraged to work with Commute.org as a shuttle manager and participate in the San Mateo County Transportation Authority's Shuttle Call for Projects grant program.
- Shuttle services should be free and open to the public.
- Stops should be located "on the way" to enable more linear routes with minimal route diversions.
- Stops should be located along streets within the Project site. Stops in parking lots should be avoided to avoid adverse effects on travel times.
- Stops should be spaced at least 800 feet apart. Fewer stops consolidated around major ridership generators are generally preferable to ensure efficient operations.
- Stops should connect to accessible sidewalks and crosswalks with convenient paths of travel to nearby land uses.

Fully Subsidized Transit Passes

The Project will offer public transit passes or subsidies up to the IRS transit benefit maximum (currently $280 per person per month). This may be implemented through either a direct voucher program provided by the property manager, or through lease terms obligating employers to provide said subsidies. Should the measure be implemented through lease obligations, the designated TDM coordinator will be responsible for confirming that all employers are offering said benefits as part of the annual monitoring and reporting process.

Active Transportation Gap Closure & Transit Capital Improvements

The Project's Transportation Impact Analysis identifies several improvements to active transportation and transit conditions via Mitigation Measure TRANS-1:

> ***Mitigation Measure TRANS-1: Advanced Implementation of Transportation Improvements Identified in General Plan, Lindenville Specific Plan, and Active South City Plan***
>
> *The project shall implement and/or fund, as indicated below, the following improvements identified in the General Plan, Lindenville Specific Plan, and Active South City Plan:*
>
> 1. *Signalization of the U.S. 101 Off-ramp/Produce Avenue and U.S. 101 On-ramp/Produce Avenue/Terminal Court Intersections.*
>   *The project shall implement two new traffic signals along Produce Avenue to improve traffic operations, safety, and bicycle and pedestrian access to the project site. The traffic signals shall be located at the intersections of the U.S. 101 off-ramp/Produce Avenue and U.S. 101 on-ramp/Produce Avenue/Terminal Court. The traffic signals shall be accompanied by changes to lane configurations, sidewalks, crosswalks, and bicycle facilities identified by the City to achieve consistency with adopted plans and policies.*
> 2. *Redesign of the Produce Avenue/San Mateo Avenue/Airport Boulevard Intersection*
>   *The project shall implement a redesign of the Produce Avenue/San Mateo Avenue/Airport Boulevard intersection to improve traffic operations, safety, and bicycle, pedestrian, and transit access to the project site. A partial redesign of this intersection is already funded by the 100 Produce, 124 Airport, and 40 Airport projects, which will include removal of slip lanes on the northeast, northwest, and southwest corners. The project's redesign shall include the reconfiguration of turning lanes, improvements to pedestrian and bicycle facilities, and the addition of bus stops and shelters for SamTrans Route 292, as identified by the City.*
> 3. *Construction of a Class IV Separated Bikeway from Baden Avenue to Terminal Court via Airport Boulevard and Produce Avenue*
>   *The project shall implement a Class IV separated bikeway on Produce Avenue and Airport Boulevard from Baden Avenue to Terminal Court, connecting the Caltrain Station to the project site. This bikeway would close existing gaps between the project site, Caltrain Station, and downtown South San Francisco, enabling continuous bicycle travel separated from auto and truck traffic. Improvements would include construction of a two-way facility along the west side of Produce Avenue from Terminal Court to Airport Boulevard/San Mateo Avenue, transitioning to a pair of one-way facilities through the Caltrain crossing to Baden Avenue.*
> 4. *Signalization of the San Mateo Avenue/Shaw Road/Tanforan Avenue Intersection:*
>   *The project shall implement a new traffic signal at the intersection of San Mateo Avenue/Shaw Road/Tanforan Avenue. This traffic signal would facilitate access to the project site via Shaw Road while reducing potential for multimodal conflicts. The traffic signal shall be accompanied by accessible sidewalk and curb ramp upgrades at the intersection, as well as associated signal and intersection/sidewalk modifications at the adjacent San Mateo Avenue/South Linden Avenue intersection.*

5. *Engineering Study of a New Southbound U.S. 101 Off-ramp Connecting to the Utah Avenue Overpass*
   The project shall fund an engineering study of a new southbound U.S. 101 off-ramp connecting to the proposed Utah Avenue overpass as envisioned in the General Plan and Lindenville Specific Plan. The engineering study shall be led by the city. As currently envisioned, the overpass would not include a southbound off-ramp. A second off-ramp would facilitate more direct access to the overpass and address long-term queueing concerns. The off-ramp would be accompanied by a new street connection between Utah Avenue and Produce Avenue north of the project site.
6. *Engineering Study and Fair-Share Contribution toward a New Trail Crossing of U.S. 101 South of the Project Site*
   The project shall fund an engineering study for a new Class I shared-use path crossing of U.S. 101 to connect the Bay Trail with Shaw Road. The engineering study shall be led by the city. An engineering study of the planned U.S. 101 crossing has not yet occurred, and a preferred alternative alignment has not been determined. The engineering study will consider potential trail crossing alignments, incorporate the preferred alternative alignment into its site plan, and quantify a fair share contribution toward construction of the crossing.

These mitigations shall be completed by the applicant prior to the project receiving a certificate of occupancy. If the City implements these improvements in advance of the project's construction, the project shall reimburse the City for the cost of construction. If another development implements these improvements and/or engineering studies prior to the project's construction, the project shall be responsible for a fair-share reimbursement of construction costs to the developer leading these improvements. This funding will ensure that transportation facilities serving the project site are appropriately sized to handle multimodal travel demand associated with the project as envisioned in each plan.

In addition, the Project will incorporate an on-site shuttle stop with shelters. The shuttle stop will be centrally located and convenient for people to access main building entrances.

On-Site Pedestrian-Oriented Amenities

The Project will include a restaurant, fitness center, and conference center onsite to help reduce offsite trips.

Bicycle Repair Station

The Project will include at least one bicycle repair station that will include a toolkit and air pump within a designated secure area of a building to encourage bicycling and support employees and residents.

TDM Checklist & Quantification of TDM Effectiveness

Quantification of TDM reductions is based on the *Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity* by the California Air

Pollution Control Officer's Association (CAPCOA) published in 2021. The Project would implement the following measures consistent with CAPCOA guidance:

> *Measure T-6 (Implement Commute Trip Reduction Program - Mandatory Implementation and Monitoring)* defines a commute trip reduction program with mandatory implementation and monitoring, which is consistent with several Project TDM measures defined in the City's ordinance along with City requirements for annual monitoring and reporting to ensure compliance. Project TDM measures that would be included in the mandatory trip reduction program include participation in Commute.org programs, carpool/vanpool programs and parking, bicycle storage, showers, and lockers, designation of a TDM coordinator, and fully subsidized transit passes. The Project would be subject to annual surveys and trip cap monitoring as described in the following section.
>
> *Measure T-20 (Expand Bikeway Network)* covers bikeway network expansion, which is consistent with the proposed active transportation gap closure measure covering both onsite and offsite bicycle improvements.
>
> *Measure T-25 (Extend Transit Network Coverage)* covers transit network expansion consistent with the proposed shuttle to connect the Project site with the existing BART station and Caltrain station to provide first/last-mile connectivity for employees and the public. This will add seven additional hours per day of transit service to the area. Prior to the expansion, there was no service within a half-mile radius surrounding the site. The free shuttles will connect the site with existing SamTrans, Caltrain, and BART service.

As illustrated in Table 1, the Project's TDM program would meet the required 50-point threshold for Tier 4 projects and would reduce VMT by 29.5 percent.

Table 1: TDM Program Elements – City, C/CAG, and CEQA Requirements

South San Francisco TDM Ordinance Requirements			CAPCOA Quantification of VMT Reductions[1]		
TDM Measure Description	**Potential Points**	**Project Points**	**Measure**	**Title**	**Project Reduction**
Fully Subsidized Transit Passes	15	15	T-6	Implement Commute Trip Reduction Program (Mandatory Implementation and Monitoring)	26.0%
Participation in Commute.org Programs	5	5			
Designated TDM Coordinator	1	1			
Carpool/ Vanpool Programs and Parking	3	3			
Bicycle Storage, Showers, and Lockers	2	2			
Bicycle Repair Station	1	1			
Active Transportation Gap Closure	Up to 6	6	T-20	Expand Bikeway Network	0.2%
Enhanced Shuttle Commitment	10	10	T-25	Extend Transit Network Coverage	4.6%
Transit Capital Improvements	Up to 6	2			
Bicycle and Pedestrian-Oriented Site Access	1	1	N/A	N/A	N/A
On-Site Pedestrian-Oriented Amenities	3	3			
Encourage Telecommuting & Flexible Work Schedules	1	1			
Total Project Points		**50**	**Total Project Reduction**		**29.5%**
Required Points		50	Required Project Reduction		28%

Proposed Trip Cap

Tier 4 projects are subject to site-specific trip caps that limit the number of peak-direction vehicle trips that a site generates during peak periods. Trip caps should reinforce mode share and parking requirements for the site while allowing some flexibility to accommodate fluctuations in employee density, daily variations in travel patterns, and anticipated levels of guest/visitor travel activity. The proposed trip cap is 3,579 peak period, peak direction vehicle trips, based on the calculations below:

	Topic	Total	Assumptions
A	Maximum Occupancy	4,250	1,700,000 square feet, 1 employee per 400sf
B	Drive Alone Trips	2,125	50% drive alone for maximum occupancy
C	Carpool/Vanpool Trips	170	12% carpool/vanpool with average of 3 persons per vehicle
D	Visitors/Freight Trips	425	10% allowance for visitors and freight
	Proposed Trip Cap	**2,720**	B+C+D

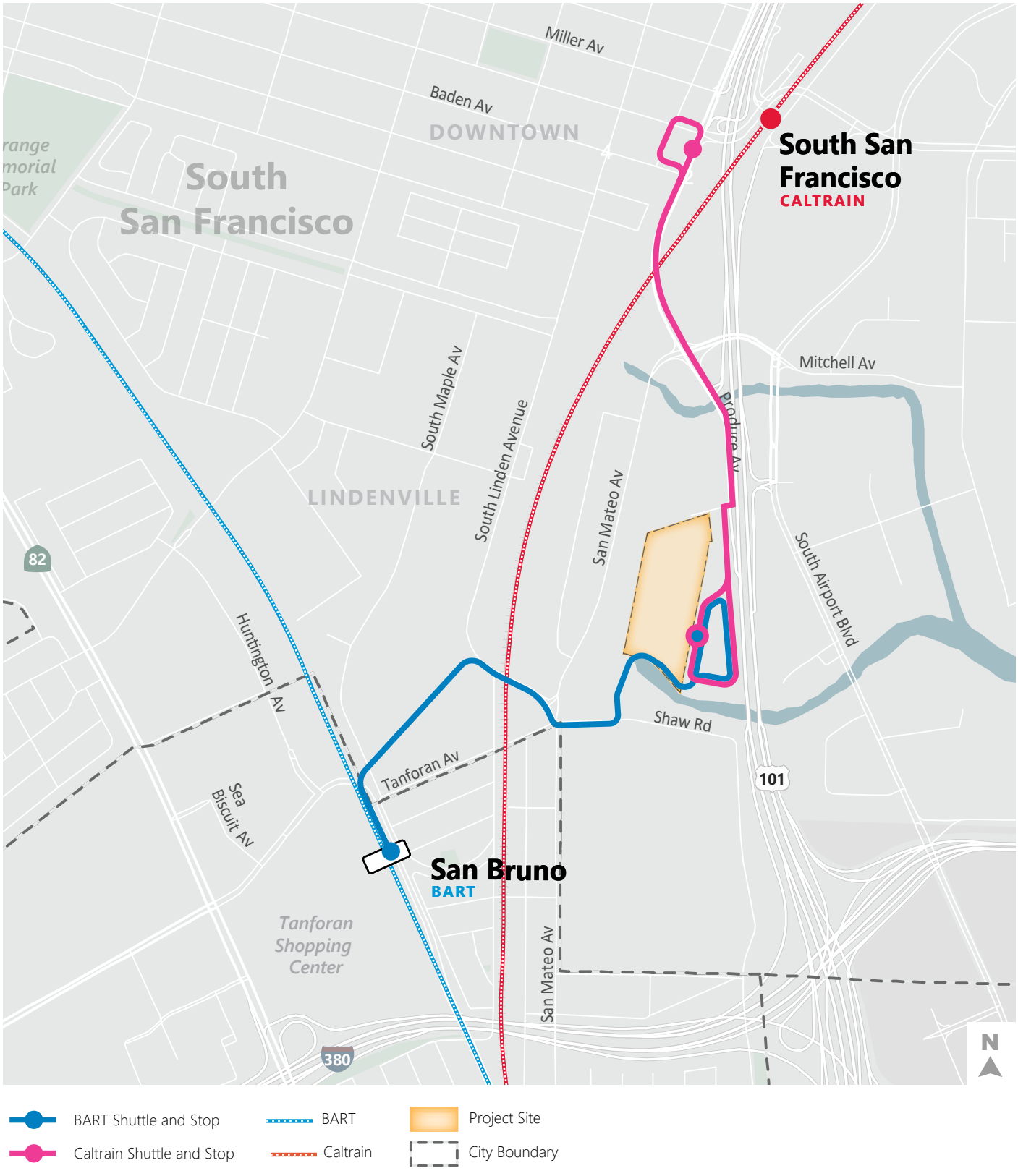


Figure 6
Project Shuttles

Monitoring and Enforcement

The TDM program will be monitored based on the requirements in the South San Francisco TDM Ordinance. The Project would comply with any future changes to the City's monitoring and enforcement practices as described in its TDM Ordinance. Upon completion of both the Infinite 101 and Infinite 131 developments, monitoring would be coordinated between the two sites as a single campus.

Monitoring Methods

Survey monitoring would apply to commute trips only. Participants are expected to provide a good faith effort in reducing non-commute trips, but these trips would only be monitored via vehicle trip counts.

Survey Approach

Mode share will be monitored via an annual survey to all employees to ensure the Project is meeting its target goal. Each year, the survey will achieve a response rate equal to either 51 percent of employees *or* large enough to identify the current drive alone mode share +/- 5 percentage points, at 95% confidence.

An example of a typical commute survey is included in the appendix; the City of South San Francisco (or a designated agent) shall ultimately prepare the final surveys and work with the designated TDM Coordinator to distribute surveys and coordinate with employer tenants. The site's TDM coordinator may expand upon this survey language to seek additional information as needed.

In order to calculate drive alone mode share, the TDM coordinator and City staff would sum the total number of trips completed via the following modes:

- Drove a car or motorcycle alone
- Dropped off by a friend/family member
- Dropped off by Uber, Lyft, taxi, etc.
- Non-responses if greater than 25 percent of the site's employee population

Trip counts would be included with the annual survey results and summarize total trips, AM peak period trips into the site (6:00 AM to 10:00 AM), and PM peak period trips out of the site (3:00 PM to 7:00 PM). In all instances, participants in the program must provide raw data to the City as part of their compliance package, including:

1. Respondent-level survey response data (deletion of columns containing emails or non-required fields is acceptable)
2. Count data as delivered by the contractor providing the counts for each location, with data separated into 15-minute increments or smaller.
3. Current employee population

Trip Cap Monitoring

Trip cap compliance would be monitored via annual vehicle counts at all Project access points. Counts would be conducted by an independent vendor over a period of one week during which school is in session.

Reporting

As a Tier 4 project, the Project will be required to prepare and submit to the City an annual compliance form documenting the continued implementation of TDM measures, for the lifespan of the Project. In addition to the compliance form, counts and survey results would be provided to the City in a standardized format as specified by staff. Formatted reports would be optional but not required.

Triennial Midday Parking Occupancy Survey

In addition to annual surveys and trip counts, the Project shall prepare a midday parking occupancy count every three years per City Ordinance requirements. The parking occupancy survey shall be for informational purposes and is not associated with a performance target.

Enforcement & Fines

The TDM Coordinator may use information from the employee surveys to adjust existing or implement new TDM program measures. If the alternative mode use goals are not achieved, the TDM Coordinator will provide an explanation of how and why the goal has not been reached and a detailed description of additional measures (or intensified marketing or implementation of existing measures) that will be adopted to reach the required mode use. Following three consecutive years of failure to meet the performance target, the Project shall pay any non-compliance fees and fines assessed by the City, as well as continue to make changes to the TDM program in an effort to reach compliance.

If the Project does not meet the required performance targets, the following penalties shall apply per the TDM Ordinance:

- First Violation: The City will direct the Project to modify its TDM program to achieve compliance. Modifications are likely to include adding or modifying TDM measures to increase mode shift.
- Second Violation: The City will direct the participant to coordinate with Commute.org or retain an independent consultant to identify additional program modifications to achieve compliance. Modifications are likely to include adding or modifying TDM measures to increase mode shift.
- Third Violation (and any subsequent violations): The City may assess a penalty per the City's fee schedule. Penalties shall be assessed for each additional violation in subsequent years.

The Project may appeal the decision to administer a penalty if special circumstances prevented meeting the required performance targets.

Appendix: Sample Survey Questions

1. **Which of the following best represents your employment at [location]? (check one)**

- Full-time Employee
- Part-time Employee
- Contract Employee

2. **In what ZIP code is your home located? (enter 5-digit ZIP code; for example, 94901)**

___[Fill in the blank]_____

- Prefer Not to Answer
    - *If prefer not to answer:* Approximately how many miles is it from your home to your office in South San Francisco?

3. **In the past week, what time did you usually arrive to work (check one)?**

___[Drop down in increments of 30 minutes, from 6 AM – 10AM, before 6AM, or after 10AM]____

4. **In the past week, what time did you usually leave work (check one)?**

___[Drop down in increments of 30 minutes, from 3 PM – 7PM, before 3PM, or after 7PM]_____

5. **In the past week, on which days did you use each of the following transportation modes to travel to work? If you used more than one mode, (e.g. you take Caltrain and then bicycle), identify the mode that was the longest part of your trip.**

Transportation Mode	Monday	Tuesday	Wednesday	Thursday	Friday
Drove a car or motorcycle alone					
Rode as a carpool passenger					
Drove a carpool with one or more other adults					
Vanpooled or Carpooled with 6 or more people					
Rode a bus, train, ferry, or other public transit					
Rode a Bicycle or Scooter					
Walked all the way					
Dropped off by a friend/family member					

Dropped off by Uber, Lyft, taxi, etc.					
Worked from home / telecommuted / worked offsite					
Did not work this day					
Other (please specify)					

6. **[Only ask if respondent answered transit] Which of the following services did you use last week? (Check all that apply)**
   - ☐ Caltrain
   - ☐ BART
   - ☐ SamTrans
   - ☐ Ferry
   - ☐ Public shuttle (such as to/from BART, Caltrain, or ferry)
   - ☐ Private shuttle/bus (i.e., Genenbus or other employer shuttle)

7. **[Only ask if respondent answered carpool] If you travel by carpool, how many total people traveled with you to work (not including yourself)?**
   - o 1 other person
   - o 2 other people
   - o 3 other people
   - o 4+ other people

8. **[Only ask if respondent answered drive alone] What is the primary reason you choose to drive alone?**

___[Fill in the blank]_____

Note: In addition to required survey questions, individual site surveys may add their own questions tailored to their respective TDM programs regarding awareness of services and reason for mode choice, but these questions are not required.

Appendix J:

Biological Species Database Searches

CALIFORNIA DEPARTMENT OF FISH and WILDLIFE **RareFind**

Query Summary:
BIOS Selection

Print Close

CNDDB Element Query Results

Scientific Name	Common Name	Taxonomic Group	Element Code	Total Occs	Returned Occs	Federal Status	State Status	Global Rank	State Rank	CA Rare Plant Rank	Other Status	Habitats
Acipenser medirostris pop. 1	green sturgeon - southern DPS	Fish	AFCAA01031	14	1	Threatened	None	G2T1	S1	null	AFS_VU-Vulnerable, IUCN_EN-Endangered	Aquatic, Estuary, Marine bay, Sacramento/San Joaquin flowing waters
Falco peregrinus anatum	American peregrine falcon	Birds	ABNKD06071	73	1	Delisted	Delisted	G4T4	S3S4	null	CDF_S-Sensitive	null
Lasiurus cinereus	hoary bat	Mammals	AMACC05032	238	1	None	None	G3G4	S4	null	IUCN_LC-Least Concern	Broadleaved upland forest, Cismontane woodland, Lower montane coniferous forest, North coast coniferous forest
Melospiza melodia pusillula	Alameda song sparrow	Birds	ABPBXA301S	38	2	None	None	G5T2T3	S2	null	CDFW_SSC-Species of Special Concern, USFWS_BCC-Birds of Conservation Concern	Salt marsh
Rallus obsoletus obsoletus	California Ridgway's rail	Birds	ABNME05011	99	2	Endangered	Endangered	G3T1	S2	null	CDFW_FP-Fully Protected	Brackish marsh, Marsh & swamp, Salt marsh, Wetland
Spirinchus thaleichthys	longfin smelt	Fish	AFCHB03010	46	1	Candidate	Threatened	G5	S1	null	IUCN_LC-Least Concern	Aquatic, Estuary
Thamnophis sirtalis tetrataenia	San Francisco gartersnake	Reptiles	ARADB3613B	66	7	Endangered	Endangered	G5T2Q	S2	null	CDFW_FP-Fully Protected	Artificial standing waters, Marsh & swamp, Sacramento/San Joaquin standing waters, Wetland
Triphysaria floribunda	San Francisco owl's-clover	Dicots	PDSCR2T010	50	2	None	None	G2?	S2?	1B.2	null	Coastal prairie, Coastal scrub, Ultramafic, Valley & foothill grassland

Search Results

50 matches found. Click on scientific name for details

Search Criteria: CRPR is one of [**1A:1B:2A:2B:3:4:CBR**] Fed List is one of [**FE:FT:FC:FD:None**] **and** State List is one of [**CE:CT:CR:CC:CD:None**] , Quad is one of [**3712264**]

▲ SCIENTIFIC NAME	COMMON NAME	FAMILY	LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	GLOBAL RANK	STATE RANK	CA RARE PLANT RANK	CA ENDEMIC	DATE ADDED	PHOTO
Allium peninsulare var. *franciscanum*	Franciscan onion	Alliaceae	perennial bulbiferous herb	(Apr)May-Jun	None	None	G4G5T2	S2	1B.2	Yes	2001-01-01	© 2019 Aaron Arthur
Amsinckia lunaris	bent-flowered fiddleneck	Boraginaceae	annual herb	Mar-Jun	None	None	G3	S3	1B.2	Yes	1974-01-01	© 2011 Neal Kramer
Aphyllon robbinsii	Robbins' broomrape	Orobanchaceae	annual herb (achlorophyllous)	Apr-Jul	None	None	G1	S1	1B.1		2023-03-28	© 2017 Dylan Neubauer
Arabis blepharophylla	coast rockcress	Brassicaceae	perennial herb	Feb-May	None	None	G4	S4	4.3	Yes	1974-01-01	© 2011 Neal Kramer
Arctostaphylos franciscana	Franciscan manzanita	Ericaceae	perennial evergreen shrub	Feb-Apr	FE	None	GHC	S1	1B.1	Yes	1974-01-01	© 2015 Neal Kramer
Arctostaphylos imbricata	San Bruno Mountain manzanita	Ericaceae	perennial evergreen shrub	Feb-May	None	CE	G1	S1	1B.1	Yes	1974-01-01	© 2013 Robert Sikora
Arctostaphylos montana ssp. *ravenii*	Presidio manzanita	Ericaceae	perennial evergreen shrub	Feb-Mar	FE	CE	G3T1	S1	1B.1	Yes	1980-01-01	© 2019 Susan McDougall

Arctostaphylos montaraensis	Montara manzanita	Ericaceae	perennial evergreen shrub	Jan-Mar	None	None	G1	S1	1B.2	Yes	1974-01-01	© 2016 Neal Kramer
Arctostaphylos pacifica	Pacific manzanita	Ericaceae	evergreen shrub	Feb-Apr	None	CE	G1	S1	1B.1	Yes	1974-01-01	No Photo Available
Astragalus nuttallii var. *nuttallii*	ocean bluff milk-vetch	Fabaceae	perennial herb	Jan-Nov	None	None	G4T4	S4	4.2	Yes	2001-01-01	No Photo Available
Astragalus tener var. *tener*	alkali milk-vetch	Fabaceae	annual herb	Mar-Jun	None	None	G2T1	S1	1B.2	Yes	1994-01-01	No Photo Available
Carex comosa	bristly sedge	Cyperaceae	perennial rhizomatous herb	May-Sep	None	None	G5	S2	2B.1		1994-01-01	Dean Wm. Taylor 1997
Centromadia parryi ssp. *parryi*	pappose tarplant	Asteraceae	annual herb	May-Nov	None	None	G3T2	S2	1B.2	Yes	2004-01-01	© 2016 John Doyen
Chorizanthe cuspidata var. *cuspidata*	San Francisco Bay spineflower	Polygonaceae	annual herb	Apr-Jul(Aug)	None	None	G2T1	S1	1B.2	Yes	1994-01-01	No Photo Available
Chorizanthe robusta var. *robusta*	robust spineflower	Polygonaceae	annual herb	Apr-Sep	FE	None	G2T1	S1	1B.1	Yes	1980-01-01	No Photo Available
Cirsium andrewsii	Franciscan thistle	Asteraceae	perennial herb	Mar-Jul	None	None	G3	S3	1B.2	Yes	1974-01-01	No Photo Available
Cirsium occidentale var. *compactum*	compact cobwebby thistle	Asteraceae	perennial herb	Apr-Jun	None	None	G3G4T2	S2	1B.2	Yes	1974-01-01	No Photo Available
Collinsia corymbosa	round-headed collinsia	Plantaginaceae	annual herb	Apr-Jun	None	None	G1	S1	1B.2	Yes	1994-01-01	©2007 Steve Matson
Collinsia multicolor	San Francisco collinsia	Plantaginaceae	annual herb	(Feb)Mar-May	None	None	G2	S2	1B.2	Yes	1974-01-01	No Photo Available
Erysimum franciscanum	San Francisco wallflower	Brassicaceae	perennial herb	Mar-Jun	None	None	G3	S3	4.2	Yes	1974-01-01	No Photo Available
Fritillaria liliacea	fragrant fritillary	Liliaceae	perennial bulbiferous herb	Feb-Apr	None	None	G2	S2	1B.2	Yes	1974-01-01	© 2004 Carol W. Witham

Gilia capitata ssp. *chamissonis*	blue coast gilia	Polemoniaceae	annual herb	Apr-Jul	None	None	G5T2	S2	1B.1	Yes	2001-01-01	© 2017 John Doyen
Gilia millefoliata	dark-eyed gilia	Polemoniaceae	annual herb	Apr-Jul	None	None	G2	S2	1B.2		2001-01-01	© 2017 John Doyen
Grindelia hirsutula var. *maritima*	San Francisco gumplant	Asteraceae	perennial herb	Jun-Sep	None	None	G5T1Q	S1	3.2	Yes	1974-01-01	Robert Potts © 2001 California Academy of Sciences
Helianthella castanea	Diablo helianthella	Asteraceae	perennial herb	Mar-Jun	None	None	G2	S2	1B.2	Yes	1974-01-01	© 2013 Christopher Bronny
Hemizonia congesta ssp. *congesta*	congested-headed hayfield tarplant	Asteraceae	annual herb	Apr-Nov	None	None	G5T2	S2	1B.2	Yes	1988-01-01	© 2015 Vernon Smith
Hesperevax sparsiflora var. *brevifolia*	short-leaved evax	Asteraceae	annual herb	Mar-Jun	None	None	G4T3	S3	1B.2		1994-01-01	© 2006 Doreen L. Smith
Heteranthera dubia	water star-grass	Pontederiaceae	perennial herb (aquatic)	Jul-Oct	None	None	G5	S2	2B.2		2013-10-10	©2010 Louis-M. Landry
Horkelia cuneata var. *sericea*	Kellogg's horkelia	Rosaceae	perennial herb	Apr-Sep	None	None	G4T1?	S1?	1B.1	Yes	1988-01-01	© 2018 Neal Kramer
Horkelia marinensis	Point Reyes horkelia	Rosaceae	perennial herb	May-Sep	None	None	G2	S2	1B.2	Yes	1974-01-01	© 2017 John Doyen

Hosackia gracilis	harlequin lotus	Fabaceae	perennial rhizomatous herb	Mar-Jul	None	None	G3G4	S3	4.2		2004-01-01	© 2015 John Doyen
Iris longipetala	coast iris	Iridaceae	perennial rhizomatous herb	Mar-May(Jun)	None	None	G3	S3	4.2	Yes	2006-10-12	© 2014 Aaron Schusteff
Layia carnosa	beach layia	Asteraceae	annual herb	Mar-Jul	FT	CE	G2	S2	1B.1		1988-01-01	© 2007 Aaron Schusteff
Leptosiphon ambiguus	serpentine leptosiphon	Polemoniaceae	annual herb	Mar-Jun	None	None	G4	S4	4.2	Yes	1994-01-01	© 2010 Aaron Schusteff
Leptosiphon grandiflorus	large-flowered leptosiphon	Polemoniaceae	annual herb	Apr-Aug	None	None	G3G4	S3S4	4.2	Yes	1994-01-01	© 2003 Doreen L. Smith
Leptosiphon latisectus	broad-lobed leptosiphon	Polemoniaceae	annual herb	Apr-Jun	None	None	G4	S4	4.3	Yes	2001-01-01	© 2015 Steve Matson
Leptosiphon rosaceus	rose leptosiphon	Polemoniaceae	annual herb	Apr-Jul	None	None	G1	S1	1B.1	Yes	2001-01-01	© 2013 Aaron Schusteff
Lessingia germanorum	San Francisco lessingia	Asteraceae	annual herb	(Jun)Jul-Nov	FE	CE	G1	S1	1B.1	Yes	1980-01-01	© 2019 Aaron Schusteff
Malacothamnus arcuatus	arcuate bush-mallow	Malvaceae	perennial deciduous shrub	Apr-Sep	None	None	G2Q	S2	1B.2	Yes	1974-01-01	© 2017 Keir Morse

Monardella sinuata ssp. *nigrescens*	northern curly-leaved monardella	Lamiaceae	annual herb	(Apr)May-Jul(Aug-Sep)	None	None	G3T2	S2	1B.2	Yes	2013-12-31	© 2014 John Doyen
Pentachaeta bellidiflora	white-rayed pentachaeta	Asteraceae	annual herb	Mar-May	FE	CE	G1	S1	1B.1	Yes	1974-01-01	No Photo Available
Plagiobothrys chorisianus var. *chorisianus*	Choris' popcornflower	Boraginaceae	annual herb	Mar-Jun	None	None	G3T1Q	S1	1B.2	Yes	1984-01-01	No Photo Available
Sanicula maritima	adobe sanicle	Apiaceae	perennial herb	Feb-May	None	CR	G2	S2	1B.1	Yes	1974-01-01	No Photo Available
Senecio aphanactis	chaparral ragwort	Asteraceae	annual herb	Jan-Apr(May)	None	None	G3	S2	2B.2		1994-01-01	No Photo Available
Silene scouleri ssp. *scouleri*	Scouler's catchfly	Caryophyllaceae	perennial herb	(Mar-May)Jun-Aug(Sep)	None	None	G5T4T5	S2S3	2B.2		2017-12-13	©2015 Vernon Smith
Silene verecunda ssp. *verecunda*	San Francisco campion	Caryophyllaceae	perennial herb	(Feb)Mar-Jul(Aug)	None	None	G5T1	S1	1B.2	Yes	1980-01-01	No Photo Available
Suaeda californica	California seablite	Chenopodiaceae	perennial evergreen shrub	Jul-Oct	FE	None	G1	S1	1B.1	Yes	1988-01-01	No Photo Available
Trifolium amoenum	two-fork clover	Fabaceae	annual herb	Apr-Jun	FE	None	G1	S1	1B.1	Yes	1974-01-01	No Photo Available
Triphysaria floribunda	San Francisco owl's-clover	Orobanchaceae	annual herb	Apr-Jun	None	None	G2?	S2?	1B.2	Yes	1974-01-01	No Photo Available
Triquetrella californica	coastal triquetrella	Pottiaceae	moss		None	None	G2	S2	1B.2		2001-01-01	No Photo Available

Showing 1 to 50 of 50 entries

Suggested Citation:

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IPaC Information for Planning and Consultation **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

San Mateo County, California

Local office

Sacramento Fish And Wildlife Office

(916) 414-6600
(916) 414-6713

Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

NOT FOR CONSULTATION

Mammals

NAME	STATUS
Salt Marsh Harvest Mouse Reithrodontomys raviventris Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/613	Endangered

Birds

NAME	STATUS
California Clapper Rail Rallus longirostris obsoletus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/4240	Endangered

California Least Tern Sterna antillarum browni — Endangered
Wherever found
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/8104

Marbled Murrelet Brachyramphus marmoratus — Threatened
There is **final** critical habitat for this species. Your location does not overlap the critical habitat.
https://ecos.fws.gov/ecp/species/4467

Western Snowy Plover Charadrius nivosus nivosus — Threatened
There is **final** critical habitat for this species. Your location does not overlap the critical habitat.
https://ecos.fws.gov/ecp/species/8035

Reptiles

NAME	STATUS

Green Sea Turtle Chelonia mydas — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/6199

San Francisco Garter Snake Thamnophis sirtalis tetrataenia — Endangered
Wherever found
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/5956

Amphibians

NAME	STATUS

California Red-legged Frog Rana draytonii — Threatened
Wherever found
There is **final** critical habitat for this species. Your location does not overlap the critical habitat.
https://ecos.fws.gov/ecp/species/2891

Fishes

NAME	STATUS

Longfin Smelt Spirinchus thaleichthys — Proposed Endangered
No critical habitat has been designated for this species.

Tidewater Goby Eucyclogobius newberryi — Endangered
Wherever found
There is **final** critical habitat for this species. Your location does not overlap the critical habitat.
https://ecos.fws.gov/ecp/species/57

Insects

NAME	STATUS

NOT FOR CONSULTATION

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	Candidate

Flowering Plants

NAME	STATUS
California Seablite Suaeda californica No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6310	Endangered
Franciscan Manzanita Arctostaphylos franciscana Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/5350	Endangered
Presidio Manzanita Arctostaphylos hookeri var. ravenii Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/7216	Endangered
Robust Spineflower Chorizanthe robusta var. robusta Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9287	Endangered
San Francisco Lessingia Lessingia germanorum (=L.g. var. germanorum) Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8174	Endangered
Showy Indian Clover Trifolium amoenum Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6459	Endangered
White-rayed Pentachaeta Pentachaeta bellidiflora Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/7782	Endangered

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

NOT FOR CONSULTATION

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act[1] and the Migratory Bird Treaty Act[2].

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats[3], should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

Additional information can be found using the following links:

- Eagle Managment https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

There are bald and/or golden eagles in your project area.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Jan 1 to Aug 31
Golden Eagle *Aquila chrysaetos* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31

NOT FOR CONSULTATION

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the

maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

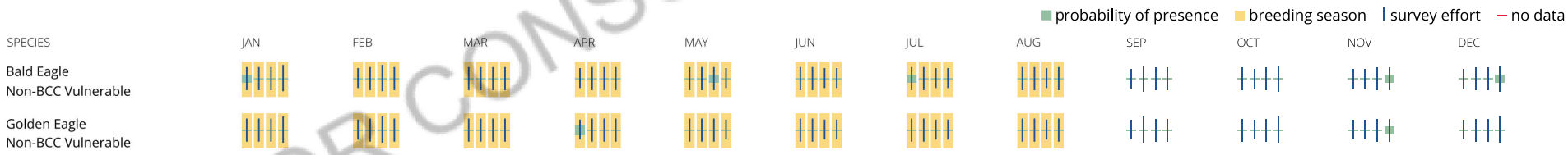
Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply). To see a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs of bald and golden eagles in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur. Please contact your local Fish and Wildlife Service Field Office if you have questions.

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Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats[3] should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/ documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

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NAME	BREEDING SEASON
Allen's Hummingbird Selasphorus sasin This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9637	Breeds Feb 1 to Jul 15
Bald Eagle Haliaeetus leucocephalus This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Jan 1 to Aug 31
Belding's Savannah Sparrow Passerculus sandwichensis beldingi This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8	Breeds Apr 1 to Aug 15
Black Oystercatcher Haematopus bachmani This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9591	Breeds Apr 15 to Oct 31
Black Skimmer Rynchops niger This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/5234	Breeds May 20 to Sep 15

Black Turnstone Arenaria melanocephala This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Bullock's Oriole Icterus bullockii This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 21 to Jul 25
California Gull Larus californicus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 1 to Jul 31
California Thrasher Toxostoma redivivum This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jan 1 to Jul 31
Clark's Grebe Aechmophorus clarkii This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jun 1 to Aug 31
Common Yellowthroat Geothlypis trichas sinuosa This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/2084	Breeds May 20 to Jul 31
Golden Eagle Aquila chrysaetos This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31
Long-eared Owl asio otus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3631	Breeds Mar 1 to Jul 15
Marbled Godwit Limosa fedoa This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9481	Breeds elsewhere
Nuttall's Woodpecker Picoides nuttallii This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9410	Breeds Apr 1 to Jul 20
Oak Titmouse Baeolophus inornatus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9656	Breeds Mar 15 to Jul 15
Olive-sided Flycatcher Contopus cooperi This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3914	Breeds May 20 to Aug 31

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Short-billed Dowitcher Limnodromus griseus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9480	Breeds elsewhere
Tricolored Blackbird Agelaius tricolor This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3910	Breeds Mar 15 to Aug 10
Western Grebe aechmophorus occidentalis This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/6743	Breeds Jun 1 to Aug 31
Willet Tringa semipalmata This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Wrentit Chamaea fasciata This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 15 to Aug 10

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Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

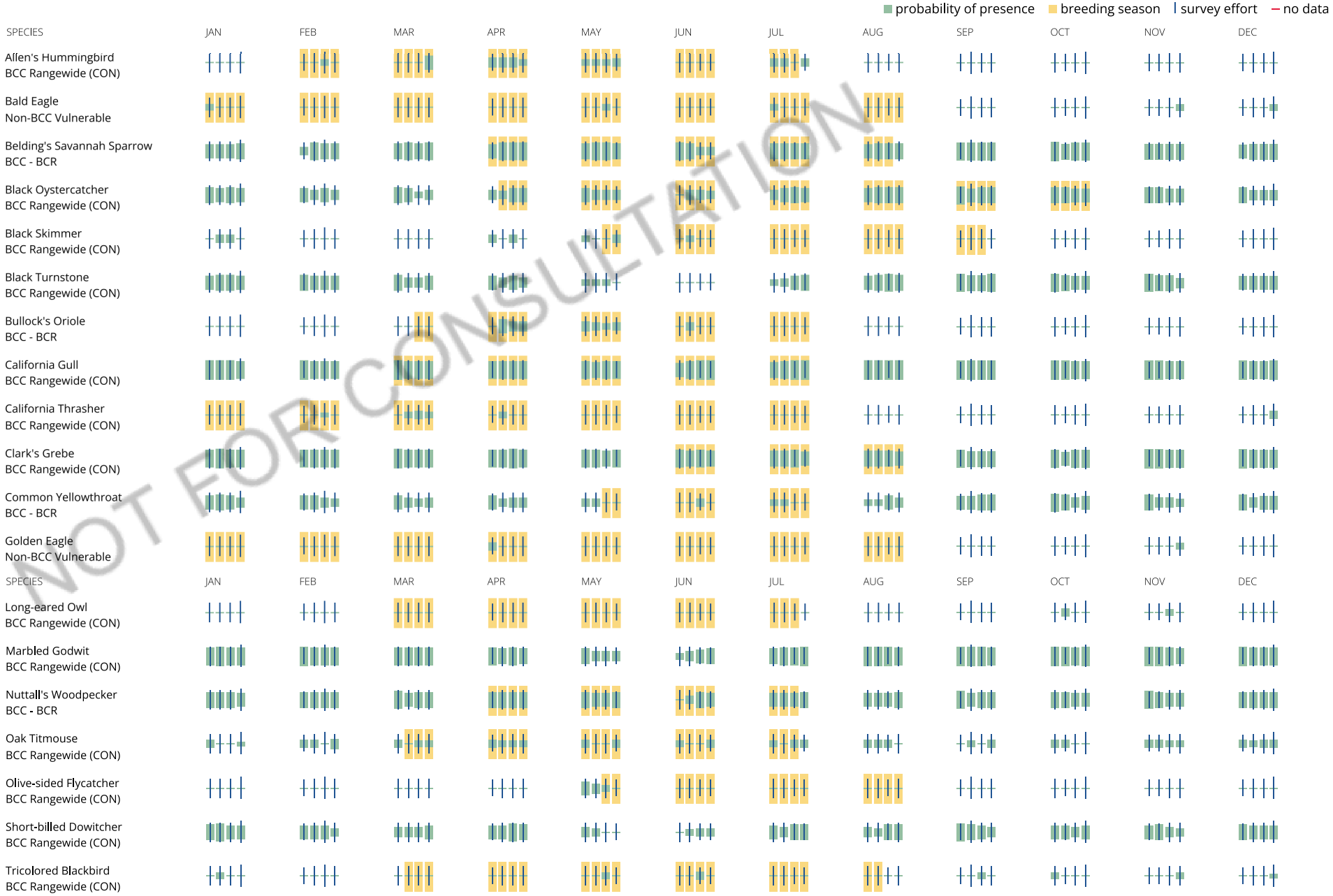
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)

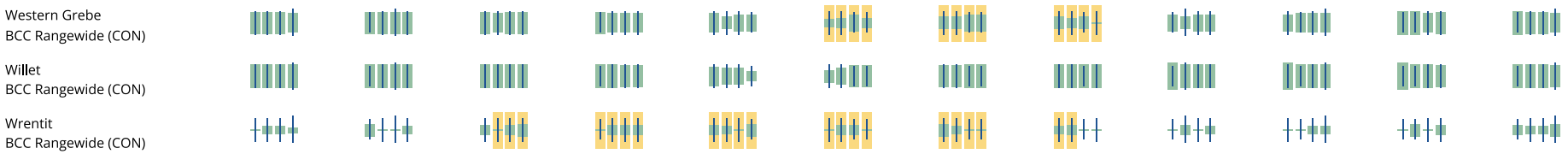
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



NOT FOR CONSULTATION



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the RAIL Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

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Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

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Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

ESTUARINE AND MARINE WETLAND

E2EM1N
E2SBN

A full description for each wetland code can be found at the National Wetlands Inventory website

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

Appendix K:
Arborist Report

MEMORANDUM

To:	Bridget Metz Steelwave	**Date:**	July 27, 2022
From:	William Sowa	**Job No.:**	6545.00
Subject:	Terminal 131 Certified Tree Inventory		

Bridget,

Per your request, HMH was contracted to prepare a certified tree inventory for a commercial site along Highway 101 off Terminal Court in South San Francisco known as Terminal 131. There are exiting buildings in the center of the site with surface parking making up most of the site on all four sides of the structures. Observations of the current conditions suggests the site has been used for various commercial uses and surface parking. Upon review of the site there were no trees in the project area to be surveyed and thus no inventory to prepare for the site.

See page 2 map below for the project area.

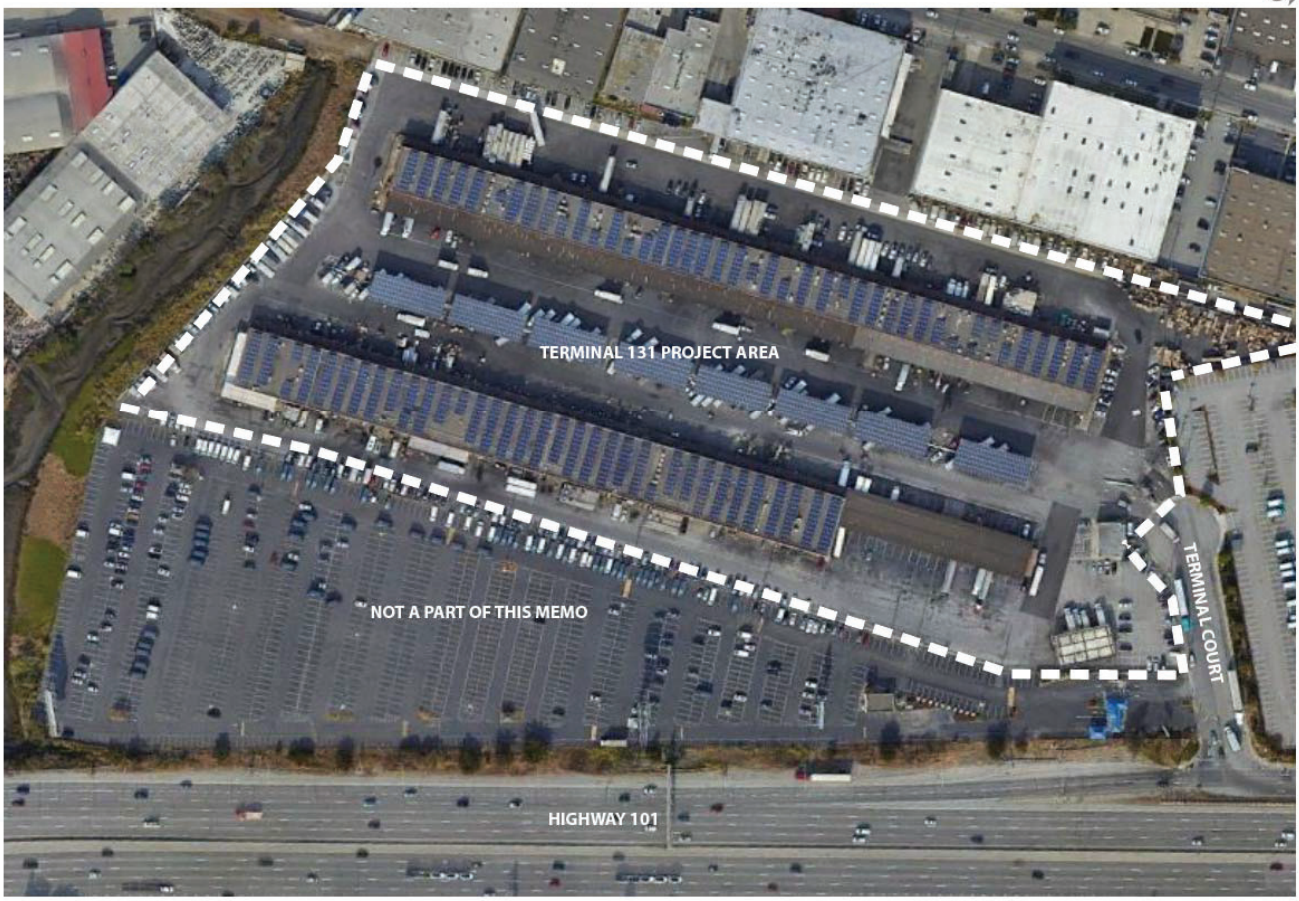
Please let us know if you have any questions or comments.

Regards

William Sowa
Registered Landscape Architect #4466
ISA Certified Arborist WE-12270A

William Sowa
Digitally signed by William Sowa
DN: C=US, E=bsowa@hmhca.com, O=HMH, CN=William Sowa
Date: 2022.07.27 13:24:25-07'00'

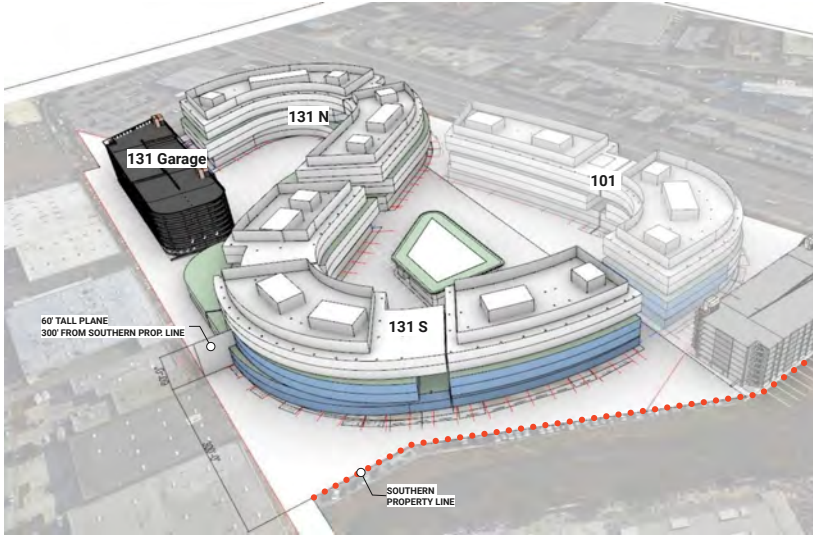
Existing Tree Map
Exhibit A

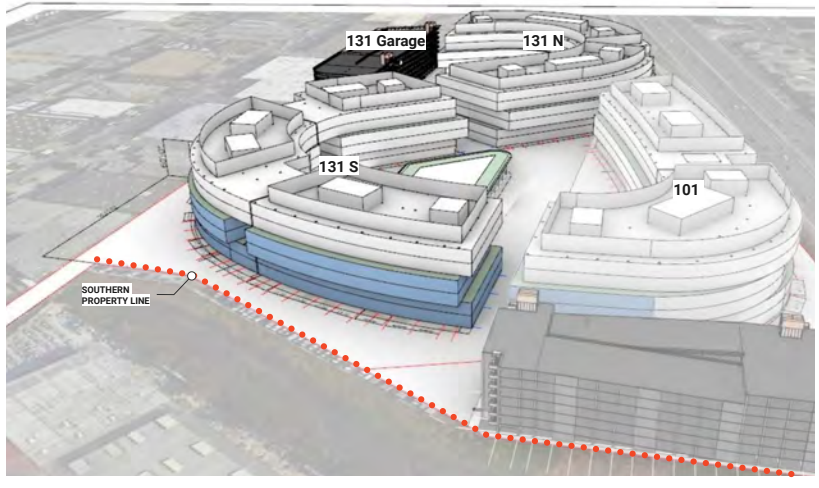


Appendix L:

Bird-Safe Design Strategy

Bird Safe Design Strategy





Portion of facade up to 60' in height within a 300' line of site of the south property line

Appendix M:

Preliminary Geotechnical Investigation

HALEY ALDRICH

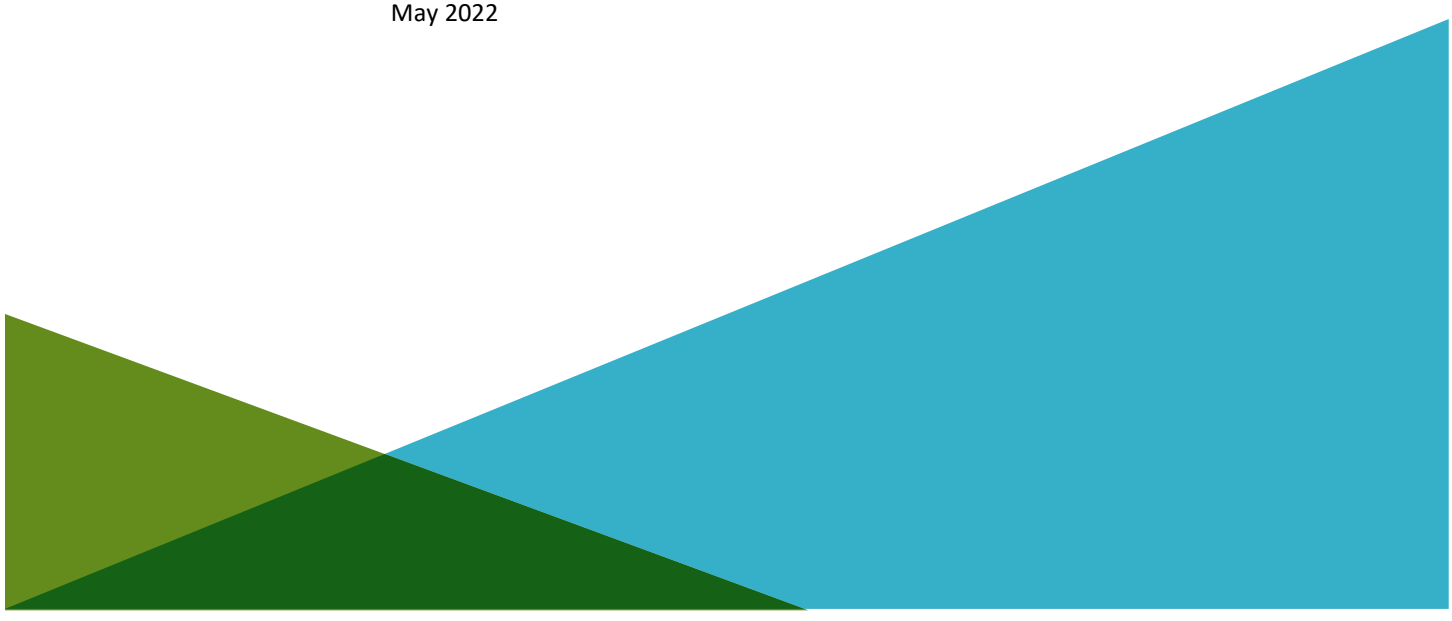
www.haleyaldrich.com

PRELIMINARY GEOTECHNICAL ENGINEERING RECOMMENDATIONS
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

by
Haley & Aldrich, Inc.
Walnut Creek, California

for
US Terminal Court Owner, LLC
Greenwood Village, Colorado

File No. 0204962-001
May 2022



HALEY & ALDRICH, INC.
2033 N. Main Street
Suite 309
Walnut Creek, CA 94596
925.949.1012

3 May 2022
File No. 0204962-001

US Terminal Court Owner, LLC
5660 Greenwood Plaza Boulevard, Suite 10
Greenwood Village, Colorado 80111

Attention: Ms. Ianthe Schaub

Subject: Preliminary Geotechnical Engineering Recommendations
131 Terminal Court
South San Francisco, California

Ladies and Gentlemen:

Enclosed is our preliminary geotechnical investigation report for the proposed redevelopment project located at 131 Terminal Court in South San Francisco, California (Site).

Based on the results of our current evaluation, this report provides summary information regarding the Site's general geologic and seismic conditions as well as preliminary conclusions and recommendations regarding seismic hazards, Site preparation for building pads and pavements, and foundation type selection for the proposed buildings.

Based on our preliminary analysis of the subsurface soil conditions, we conclude that the proposed project is geotechnically feasible. We find that the primary geotechnical issues that should be addressed during the design and construction of the planned project include the potential for seismic shaking at the Site, the relatively high groundwater table, and the presence of undocumented fill and soft compressible soft at the near surface. We conclude that the proposed moderate to heavy buildings are most economical when supported on deep foundations bearing at the dense to very dense Colma Formation soils. Lightly loaded one and two story buildings may be supported with shallow foundations depending on the structural conditions and changes to grades. Our recommendations regarding the deep foundations, site grading, fill compaction, and other geotechnical aspects of this project are presented in this geotechnical investigation report. A design level study, including additional field investigation, will need to be completed prior to preparing the design drawings and construction.

We appreciate the opportunity to provide engineering services on this project. Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.

Liang Chern Chow, PE (MN)
Project Manager

Catherine H. Ellis, PE, GE (CA)
Senior Associate, Geotechnical Engineer

Enclosures

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REPORT ON

PRELIMINARY GEOTECHNICAL ENGINEERING RECOMMENDATIONS
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

PREPARED FOR

US TERMINAL COURT OWNER, LLC
GREENWOOD VILLAGE, COLORADO

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1. Introduction

Haley & Aldrich, Inc., (Haley & Aldrich) prepared these preliminary geotechnical investigation recommendations (Report) on behalf of US Terminal Court Owner, LLC, for the proposed redevelopment project located at 131 Terminal Court in South San Francisco, California (Site). The approximately 18-acre Site is currently developed with two warehouse buildings, a smaller administrative building, and a row of solar canopy. The existing warehouses are open to the public as well as wholesale distributers. The remainder of the Site is surrounded by asphalt-paved parking and loading areas.

Based on the results of our current preliminary geotechnical investigation evaluation, this Report provides summary information regarding the Site's general geologic and seismic conditions as well as preliminary conclusions and recommendations regarding seismic hazards, Site preparation for building pads and pavements, and foundation type selection for the proposed buildings.

The proposed redevelopment project will include the construction of eight (8) new 6-story buildings with subsurface parking garages at several buildings and a new parking structure: Buildings A1, A2, B2, and B4 are located within the 101 Terminal Court parcel; buildings B1, B3, B5, and B6 are within the 131 Terminal Court parcel. There are two phases planned for the new redevelopment. Phase I consists of Buildings A1, A2, and related amenities; Phase II includes the remaining six buildings and amenities. The proposed Phase I buildings (A1 and A2) will be six stories in above grade height with one level of below grade parking. The six Phase II buildings (B1 through B6) are planned to have six stories of above grade height and two levels of below grade parking. There will also be a five-story parking structure with roof top parking and two levels of below grade parking. We assume the project will also include underground utilities, asphalt and concrete pavements, stormwater management facilities, and landscaping. The project is still in a conceptual planning phase.

Geotechnical recommendations for Phase I buildings in the adjacent 101 Terminal Court property were provided in the "Preliminary Geotechnical Investigation, Proposed Mixed-Use Development, 101 Terminal Court, South San Francisco" report prepared by Rockridge Geotechnical, Inc. (Rockridge, 2021) and the "Design-Level Geotechnical Investigation Report, 101 Terminal Court, South San Francisco, California" report prepared by Haley & Aldrich. Based on these references and additional geotechnical investigation, we prepared this Report to provide preliminary geotechnical recommendations for the proposed redevelopment of 131 Terminal Court.

2. Site and Subsurface Conditions

The Site lies west of U.S. Route 101 and is located approximately one mile northwest of the San Francisco International Airport as shown in Figure 1. Two warehouse buildings, a smaller administrative building, and a row of solar canopy occupy the Site. The buildings are two-story structures. Nearby site features include commercial buildings, industrial facilities, and a surface parking lot. Commercial buildings bound the west side of the Site. Surface parking lots, including 101 Terminal Court and a Park 'N Fly, are on the north and east of the Site, respectively. The San Bruno Canal cuts in from the bay shore (east) to the San Mateo Avenue (west) at the southern edge of the Site.

On 14 March 2022, Haley & Aldrich performed a Cone Penetration Test (CPT) with seismic shear wave velocity measurements to a depth of 100 feet on the west side of the Site. This CPT location (designated as SCPT-2) along with exploratory locations in the adjacent 101 Terminal Court, are shown in Figure 2 and the results are appended. The log of SCPT-2 in included in Appendix A. Based on SCPT-2, the subsurface profile consists of 5½ feet of undocumented fill, underlain by Young Bay Mud (marsh deposit) to a depth of 17 feet below ground surface (bgs). However, geotechnical investigation data in the 101 Terminal Court site indicate that undocumented fill is generally 7½ to 8½ feet thick underlain by Young Bay Mud to depths of 20 feet to 41 feet bgs. Thicker Young Bay Mud was encountered at the north of the Site (i.e., boring HA-4). The Young Bay Mud is mostly soft to medium stiff consistency and known to be highly compressible. Below the Young Bay Mud, SCPT-2 encountered the Colma Formation (alluvial deposit) consisting of interbedded medium dense to very dense sand, clayey sand, and silty sand and stiff to hard clayey sand and clay to a depth of about 60 feet bgs. Below the Colma Formation, SCPT-2 encountered the Old Bay deposit, which is characterized by stiff to hard fat clay to a depth of approximately 73 feet bgs. This Old Bay deposit is underlain by interbedded dense to very dense sand and silty sand and very stiff to hard sandy clay and clay to the termination depth of 100 feet bgs. None of the borings that we drilled in 101 Terminal Court encountered competent mélange bedrock (Franciscan Complex) at the maximum exploration depths. The seismic test results indicate that the average shear wave velocity of the soils within the upper approximately 100 feet of the Site is approximately 684 feet per second (ft/s).

Depths to groundwater levels were measured within borings and inferred from pore pressure dissipation tests performed at various depths at the CPT locations. These tests indicated that groundwater levels were at depths ranging from 5 to 8 feet bgs in mid-March 2022. Rockridge (2021) reported groundwater at depths ranging from 3 to 9 feet bgs in their CPTs during their exploration in December 2020. High groundwater as shallow as 1 foot bgs was recorded in the past. Groundwater fluctuates over time due to tides of the San Francisco Bay, rainfall, irrigation, construction activities, well pumping, and other factors.

The conclusions and recommendations are based on the conditions encountered during our subsurface investigation. If soil or groundwater conditions exposed during future design phases or construction vary from those presented herein, Haley & Aldrich should be notified to evaluate whether our preliminary conclusions and recommendations should be modified.

3. Geology

3.1 REGIONAL GEOLOGY

The Site is located on the San Francisco Peninsula at the western Shoreline of the San Francisco Bay in the Coast Ranges Geomorphic Province. The Coast Ranges Province is defined by northwest-trending mountain ridges and valleys that run approximately parallel to the San Andreas Fault Zone. The bedrock within the province generally consists of Tertiary marine sedimentary deposits and volcanic rocks. The upper bedrock is at least 100 feet bgs at the north end of the Site and dips sharply to at least 250 feet bgs at the southern edge of the Site. The Site and surrounding area are inland of the former Bay margin shoreline and east of the Santa Cruz Mountain Range, except for San Bruno Mountain, which is located north of the Site. Based on mapping by Bonilla (1998), the Site is predominately underlain by Quaternary surficial deposits of artificial fill over tidal flat. The "Qaf/tf "unit, described as artificial fill over tidal flat, consists of clay, silt, sand, rock fragments, organic matter, and man-made debris placed over tidal flats. Historical stream channels that cross through the Site are mapped as the "Qaf" unit and described as artificial fill consisting of clay, silt, sand, rock fragments, organic matter, and man-made debris. The southwestern edge of the Site is near the mapped contact with the Colma Formation. The "Qc" unit described as the Colma Formation consists of mostly sandy clay, and silty sand; yellowish orange to gray.

3.2 REGIONAL SEISMICITY

The Site is not within an Earthquake Fault Zone, as defined by the Alquist-Priolo Earthquake Fault Zoning Act, and no known active or potentially active faults exist on the site (California Department of Conservation, 2021). The major active faults closest to the Site are the San Andreas, San Gregorio, and Hayward-Rodgers faults, in which the closest Hayward-Rodgers Creek fault is less than 3 miles away. The 2014 Working Group on California Earthquake Probabilities (WGCEP) at the U.S. Geological Survey (USGS), in coordination with the California Geological Survey (CGS) and Southern California Earthquake Center, predicted a 72 percent chance of a magnitude 6.7 or greater earthquake occurring in the San Francisco Bay Area in 30 years (i.e., before the year 2044). More specifically, the 30-year probabilities of a magnitude 6.7 of greater earthquake are 14 percent for the Hayward-Rodgers Creek fault, 6.4 percent for the San Andreas fault, and 2.5 percent for the San Gregorio Connected.

4. Conclusion and Preliminary Recommendations

Based on our review of subsurface information for the Site, it is our opinion that the Site is geotechnically feasible. We conclude the primary geotechnical issues affecting the design and construction of the planned redevelopment include strong Site seismicity and potential seismic hazards; soft, compressible weak clayey soil; undocumented fill; and high groundwater. Our estimates of liquefaction-induced settlements are about 1 to 5 inches of total settlement with about ½ to 2½ inches of differential settlement over 50 feet or adjacent columns. Because of the thick Young Bay Mud layer, we estimate up to 5½ inches of settlement will occur under the new fill and building pad at the Site with a maximum grade raise of 3 feet and conventional shallow spread footing foundation using a maximum allowable dead plus live bearing pressure of 2,000 pounds per square foot (psf). This magnitude of settlement under static loading conditions will exceed general requirements for building performance.

At this Site, there are substantially denser coarse alluvial soils (Colma Formation) below the Young Bay Mud that are judged suitable for supporting the proposed structures. Because of this, it may be more economical to support the proposed structures on deep foundations bearing at the alluvial layer. Our recommendations for deep foundations, including Tubex and auger-cast piles, are given in the next sections.

4.1 SEISMICITY AND SEISMIC HAZARDS

During a major earthquake, seismic shaking has the potential to occur at the Site, as is typical throughout the Bay Area, and as experienced during the 1989 Loma Prieta event. Shaking during an earthquake can result in ground failure, such as that associated with soil liquefaction, lateral spreading, and cyclic densification. Haley & Aldrich's assessment of these potential seismic hazards are presented in the following sections.

4.1.1 Site Seismicity

A seismic hazard analysis was performed using the USGS Unified Hazard Tool (https://earthquake.usgs.gov/hazards/interactive/) website. Our deaggregation analysis utilized the USGS Dynamic Conterminous U.S. 2014 (v.4.2) edition. For our analyses, we evaluated the Site as Site Class D, based on an average shear wave velocity over the top 100 feet (30 meters) of the Site (Vs30) of about 684 ft/s; this value was calculated based on the average shear wave velocity measured at SCPT-1 and SCPT-2 during our field investigation on 14 March 2022.

Based on the seismicity of faults that may impact the Site and the results of the deaggregation analysis, a design earthquake with a moment magnitude (M_w) of 7.86 was selected for the seismic hazard evaluation. The peak horizontal ground acceleration (PHGA) for the Site, which is based on the Maximum Considered Earthquake (MCE) with a return interval of 2,475 years, or a 2 percent probability of exceedance in 50 years, is 1.07g. The risk-based site-modified peak ground acceleration (PGA_M) for the Site is 0.97g; this value was computed based on procedures outlined in ASCE 7-16. Recommended code-based seismic parameters for designing the proposed structures in conformance with the 2019 California Building Code (CBC) and ASCE 7-16 are presented in Table I.

TABLE I
Seismic Design Parameters

Seismic Parameter	Design Value
Site Class (ASCE 7-16 Table 1613.5.2)	D
Risk Category	II
MCE_R[1] Ground Motion (Period = 0.2 second), S_s	2.056 g
MCE_R Ground Motion (Period = 1.0 second), S_1	0.851 g
Peak Ground Acceleration, PGA	0.881 g
Site Amplification Factor at 0.2 second, F_a	1.0
Site Amplification Factor at 1.0 second, F_v (for T_s calculation only)	--
Site Amplification Factor for PGA, F_{PGA}	1.1
Site-Modified Peak Ground Acceleration, PGA_M	0.97 g
Site-Modified Spectral Acceleration Value at 0.2 second, S_{MS}	2.056 g
Site-Modified Spectral Acceleration Value at 1.0 second, S_{M1} (for T_s calculation only)	--
Design Spectral Acceleration at 0.2 second, S_{DS}	1.371 g
Design Spectral Acceleration at 1.0 second, S_{D1} (for T_s calculation only)	--

Notes:
1) *MCE_R = Risk-targeted maximum considered earthquake*
2) *g = acceleration of gravity*
3) *Per ASCE 7-16 Supplement 1, the provided values for Fv, S_{M1}, and S_{D1} are only valid for calculation of Ts = S_{D1} / S_{DS} for the purpose of developing seismic response coefficients (Cs). Site-specific seismic response analysis is required for evaluation of periods exceeding Ts.*
4) *Design values presented above are based on a site located at latitude / longitude = 37.643154 / -122.407188.*

4.1.2 Soil Liquefaction

Liquefaction is the process in which saturated, cohesionless soil experiences a temporary loss of strength due to the buildup of excess pore water pressure during cyclic loading resulting from earthquake ground motions. The type of soils most susceptible to liquefaction are loose, clean, saturated, uniformly graded sand and silt that have low clay content. Flow failure, lateral spreading, differential settlement, loss of bearing strength, ground fissures, and sand boils are evidence of liquefaction.

According to an evaluation by CGS (2021) for seismically induced hazards, the project site is mapped within a Seismic Hazard Zone that may have the potential for liquefaction.

We evaluated liquefaction potential at the Site by performing analyses in accordance with the methodology presented in publications prepared by Idriss and Boulanger (2008 and 2014). Our liquefaction analyses were performed using data from our explorations, which extended to depths of approximately 83 to 100 feet bgs. The parameters used in the liquefaction evaluation are shown in Table II.

TABLE II

Values Used in Liquefaction Evaluation

Liquefaction Evaluation Parameter	Value
Depth to Groundwater, Current (feet bgs)	5 - 8
Depth to Groundwater, during Design Earthquake (feet bgs)	1.0
Design Peak Ground Acceleration	0.97g
Predominant Earthquake Moment Magnitude, M_w	7.86
Factor of Safety for Liquefaction Triggering	1.3

Based on our analyses, we conclude that the potential for on-Site liquefaction to occur within the upper 50 feet bgs is moderate to high across the Site. The potentially liquefiable soils include sand, silty sand, and sandy silt, which were identified between approximately 18 and 80 feet bgs, especially from 18 to 30 feet bgs, where the medium dense to dense silty sand resides. Estimated liquefaction settlements at the SCPT-2 location is about 5 inches in the upper 50 feet. We have included the estimated liquefaction settlements from other exploration locations in Table III – Estimated Liquefaction Settlement. Although the results of the analysis are reported for the borings, the sampling intervals can over predict the settlement. As such, we are disregarding these estimates.

TABLE III

Estimated Liquefaction Settlement

Exploration No.	Exploration Depth (feet)	Estimated Settlement in Upper 50 feet (in.)	Estimated Settlement for Full Depth (in.)
CPT-2[1]	100	3.8	5.7
CPT-3[1]	83	3.3	4.5
CPT-4[1]	98	1.3	2.2
SCPT-1[1]	100	2.8	5.7
SCPT-2	99	4.8	7.7
CPT-2[1]	100	3.8	5.7
CPT-3[1]	83	3.3	4.5
HA-1[1,2]	102	4.1	4.3
HA-2[1,2]	102	0.4	3.1
HA-3[1,2]	118	5.0	5.0
HA-4[1,2]	127	7.9	12.4
HA-5[1,2]	114	6.5	6.5

Notes:

1) *These borings and CPTs were performed at the adjacent property, 101 Terminal Court.*
2) *Due to sampling intervals, these settlements are not considered representative.*

4.1.3 Lateral Spreading

Lateral spreading is a potential hazard commonly associated with liquefaction where extensive ground cracking and settlement occurs as a response to lateral migration of subsurface liquefiable material. These phenomena typically occur adjacent to free faces such as slopes and creek channels.

The free face for San Bruno Canal is located at the southern edge of the Site. We have no surveyed geometry of the canal, and therefore estimated the geometry based on Google Earth. We completed a preliminary lateral spreading analysis based on Zhang et al. (2004). Assuming a Site setback distance of 55 feet and free face height of 6 feet, we estimate the lateral spreading at the southern edge of the Site to be approximately 30 to 130 inches. During the design level phase of the project, more detailed topography should be collected and a detailed analysis presented.

4.1.4 Cyclic Densification

Seismically induced compaction or densification of non-saturated granular soil (such as sand above the groundwater table) due to earthquake vibrations can result in settlement of the ground surface. Based on the results of our subsurface exploration program and given the estimated high-water table during a seismic event, we conclude that the potential for cyclic densification at the Site is low.

4.1.5 Tsunami

The Site is subject to mapping in the California Tsunami Hazard Area of San Mateo County. Based on maps published by the State of California (2021), the Site is located outside of the area predicted to be affected by tsunamis. We therefore judge that the potential for a seismically induced wave to impact the Site to be nil.

4.2 EXPANSION POTENTIAL

The near-surface native soils observed and/or sampled during the exploration program consisted of clayey gravel, silty sand, lean clay, and clayey sand with or without gravel, having very low to low expansive potential. Our recommendations to mitigate these expansive soil conditions are discussed in the “Earthworks” section. Given the low expansive nature of the surficial soil (fill), no mitigation measures are required. Although not anticipated, if slabs are supported on Bay Mud (marsh deposits), we should review these conclusions and recommendations.

4.3 WEAK SOIL DEPOSIT AND FOUNDATION SETTLEMENT

Including results from the adjacent 101 Terminal Court property, our subsurface investigation indicates that approximately 7½ to 8½ feet of fill is present below the asphalt concrete and the fill is primarily underlain by the soft Young Bay Mud to depths ranging from 17 to 41 feet. The existing fill is variable with respect to the quality of materials and compaction level. The N-values suggest there are areas of fill where at least some of the fill materials were likely placed without compaction. This preliminary investigation did not explore within the existing building. Fill under the buildings may be of better quality and with a higher consistency.

The underlying Young Bay Mud (marsh deposit) appears to be the limiting soil with respect to strength and compressibility. The amount of settlement expected will depend on the building loads and the construction material (wood, concrete, or steel), the building loads, and the anticipated grade changes.

Lightly loaded buildings of one to two stories may be able to be supported on shallow foundations. Moderately and heavily loaded buildings will require deep foundations.

At this Site, there are substantially denser coarse alluvial soils (Colma Formation) below the Young Bay Mud that are judged suitable for supporting the proposed structures. Because of this, it may be more economical to support the proposed structures on deep foundations bearing at the alluvial layer. Our recommendations for deep foundations, including Tubex and auger-cast piles, are given in the next sections.

Support of the floor slab will depend on elevation relative to existing fill and building loads. Lightly loaded buildings without significant grade change may be able to be supported on-grade with remedial earthwork. If the buildings have moderate or heavy loading, or if substantial fill is placed, structural slabs may need to be considered.

4.4 CONSTRUCTION DEWATERING AND TEMPORARY SHORING OPTIONS

Groundwater is expected to be encountered as shallow as approximately 1 foot bgs. Construction of utilities and other improvements that extend below groundwater levels will require dewatering and shoring programs capable of adapting to varied soil and groundwater conditions. We anticipate that water will have a low flow rate, although zones of sandy soils may present moderate to rapid water flow.

Given the presence of generally fine-grained soils, though with some granular zones, the use of pumping from sumps within excavations is expected to be feasible for trench dewatering. However, the larger (e.g., underground parking) excavations may require the use of well point dewatering, unless watertight shoring embedded into the clay layer is used. Pumping from sumps may be effective in removing water from the bases of trenches but will not prevent or reduce the greater risk of trench wall caving and sloughing caused by seepage.

We anticipate that the base of excavations will be soft and/or unstable if groundwater is present or within a few feet of the base of the trenches. If that is the case, we recommend placing stabilization material at the base of excavations. The use of a geotextile separation fabric may be necessary below stabilization material to help prevent the stabilization material from pushing into the unstable base materials.

Construction of the below-grade levels will require excavation depths 12 to 25 feet bgs depending on the number of below grade levels of parking. These excavation depths include an excavation of approximately 1 foot below the base of the slab to accommodate a gravel layer, mud slab, and waterproofing material. As such, a support of excavation system is required to facilitate below-grade construction and to mitigate the flow of groundwater entering the excavation. The most appropriate shoring system(s) should take into account the requirements for protecting adjacent properties and improvements, as well as cost. We qualitatively evaluated the following systems:

- Conventional soldier pile and lagging; and
- Concrete diaphragm wall or soil-cement column walls.

Conventional soldier pile and lagging walls are difficult to install with soft compressive clays and allow water into the excavation. Mixed-in-place soil-cement column walls provide a relatively rigid shoring system that is capable of significantly limiting lateral deformations and ground subsidence adjacent to the shoring system. This system is considered to be a low-permeability shoring system and would provide superior resistance to lateral groundwater infiltration into the excavation. These walls will require internal and/or external lateral supports around the excavation perimeter to resist lateral pressures.

4.5 FOUNDATIONS AND SETTLEMENT

Our subsurface investigation indicates that the subsurface profile consists of soft and compressible Young Bay Mud in the upper 20 feet of the Site with potentially thicker Mud north of the Site. Based on the consolidation test results, we estimate up to 5½ inches of settlement will occur under the new fill and building pad at the Site with a maximum grade raise of 3 feet and conventional shallow spread footing foundation using a maximum allowable dead plus live bearing pressure of 2,000 psf. We also estimate that approximately 50 percent of the total settlement will occur within about 7 months after the loads are applied. At our HA-4 location (northwest of this Site), where the Young Bay Mud is thickest, it will take longer time to consolidate. This magnitude of settlement under static loading conditions will exceed general requirements for building performance.

At this Site, there are substantially denser coarse alluvial soils (Colma Formation) below the Young Bay Mud that are judged suitable for supporting the proposed structures. Because of this, it may be more economical to support the proposed structures on deep foundations bearing at the alluvial layer. Our recommendations for deep foundations, including Tubex and auger-cast piles, are given in the next sections.

If building loads are light, less than 50 kips of dead plus live load, and very limited fill is placed, consideration may be given to supporting the structure on shallow foundations, including spread and isolated footing or a mat slab. An allowable bearing capacity of 2,000 psf for dead plus live load may be used for preliminary estimating.

4.6 EARTHWORKS

4.6.1 Site Preparation and Grading

The proposed building and parking lot areas should be cleared of existing pavements, trees, abandoned utilities and other obstructions. The proposed building and parking lot areas should be stripped of soil containing over 3 percent organic matter (if present). We anticipate the excavation for this project can be made using conventional earth-moving equipment.

4.6.2 Subgrade Preparation

The Site should be rough graded to accommodate the proposed grading plan. Recommendations for mitigating existing fill are presented for each building type below. In proposed at grade building areas, subgrade preparation should extend at least 5 feet beyond the limits of the proposed building slabs and any adjoining flatwork. In exterior concrete slab and pavement areas, subgrade preparation should extend at least 2 feet beyond the limits of these improvements.

We estimate that approximately 7½ to 8½ feet of undocumented fill is present below the asphalt concrete pavement, although the CPT pushed at the Site encountered 5½ feet of fill. At the building area, loose or disturbed soil or undocumented fill soils should be over-excavated to a minimum of 1 foot below existing grade or finished pad elevation, whichever is deeper. The exposed subgrade should be scarified to a depth of at least 12 inches, moisture conditioned, and compacted in accordance with the recommendations given in the section entitled "Fill Placement and Compaction."

4.6.3 Imported, "Non-Expansive" Fill

All imported fill soils should be nearly free of free organic or other deleterious debris, essentially non-plastic, and less than 3 inches minus in maximum dimension. Specific requirements for import fill are provided below.

TABLE IV
"Non-Expansive" Fill Grading Requirements

Sieve Size	Percentage Passing Sieve
3 inch	100
1½ inch	85 to 100
#200 Screen	8-40
Atterberg Limits	**Percent**
Plasticity Index	12 or less
Liquid Limit	Less than 30

Fill materials should be approved by the project geotechnical engineer prior to placement and delivery to the Site. A representative sample of the proposed import fill should be delivered to our laboratory for evaluation at least 5 working days prior to importing to the Site.

4.6.4 Material for Fill

Except for organic laden soil, the on-Site soil can be used as general engineered fill if it is free of deleterious matter and satisfies the criteria in Table V. Soil for use in engineered fill should be inorganic and free of deleterious materials and hazardous substances. For this project, inorganic soil is soil with an organic content of less than 3 percent by weight or without visible organic matter deemed excessive by Haley & Aldrich.

TABLE V
General Engineered Fill Grading Requirements

Sieve Size	Percentage Passing Sieve
3 inch	100
1½ inch	85-100

4.6.5 Reuse of On-Site Material

Any existing asphalt or aggregate base that is removed during demolition may be suitable to be pulverized and mixed with the underlying base for use as engineered fill if it has an organic content of less than 2 percent by dry weight and meets the following requirements presented under the "Material for Fill" section of this report.

The processed asphalt concrete/base material may be used as Class 2 Aggregate base if it meets the following requirements from Section 26 of the Caltrans Standard Specifications:

TABLE VI

Class 2 Aggregate Base Grading Requirements

Sieve Size	Percentage Passing
1 inch	100 min.
¾ inch	90 to 100
No. 4	35 to 60
No. 30	10 to 30
No. 200	2 to 9

Note Quality Requirements:

Sand Equivalent: 25 min *R-value: 78 min*

Site recycled material may be processed and reused as engineered fill, "non-expansive" fill, or aggregate base if it meets the requirements presented in this report for the specific materials.

4.6.6 Fill Placement and Compaction

Fill materials should be placed and compacted in horizontal lifts, each not exceeding 8 inches in uncompacted thickness. Compaction of fill should be performed by mechanical means only. Given the equipment limitations, thinner lifts may be necessary to achieve the recommended degree of compaction. Fill should be placed in accordance with Table VI, Summary of Compaction Recommendations.

TABLE VII

Summary of Compaction Recommendations

Area	Compaction Recommendations (See Notes 1 through 4)
Subgrade Preparation and Placement of General Engineered Fill,[5] Including Imported Non-Expansive Fill	Compact upper 12 inches of subgrade and entire fill to a minimum of 90 percent compaction at near to slightly over optimum moisture content. Where interior flatwork is exposed to vehicular traffic, compact aggregate base to a minimum of 95 percent compaction at near optimum moisture content.
Trenches[6]	Compact trench backfill to a minimum of 90 percent compaction at near to slightly over optimum moisture. Where trenches will be under the pavement section, flatwork, or other improvements, the upper 12 inches, measured from finished grade of the trench backfill should be compacted to a minimum of 95 percent compaction.

Area	Compaction Recommendations (See Notes 1 through 4)
Exterior Flatwork	Compact upper 12 inches of subgrade to a minimum of 90 percent compaction at near to slightly over optimum moisture content. Compact aggregate base to a minimum of 90 percent compaction at or above optimum moisture content. Where exterior flatwork is exposed to vehicular traffic, compact aggregate base to a minimum of 95 percent compaction at near optimum moisture content.
Paved Areas	Compact upper 12 inches of subgrade to a minimum of 95 percent compaction at near to slightly over optimum moisture content. Compact aggregate baserock to a minimum of 95 percent compaction at near optimum moisture content.

Notes:

1) *Depths are below finished subgrade elevation.*
2) *All compaction requirements refer to relative compaction as a percentage of the laboratory standard described by ASTM D-1557 (latest version). All lifts to be compacted shall be a maximum of 8 inches loose thickness.*
3) *All compacted surfaces, such as fills, subgrades, and backfills need to be firm and stable, and should be unyielding under compaction equipment.*
4) *Where fills, such as backfill placement after removal of existing underground utility lines, are greater than 7 feet in depth, the portion of the fill deeper than 7 feet should be compacted to a minimum of 95 percent compaction.*
5) *Includes building pads.*
6) *In landscaping areas, this percent compaction in trenches may be reduced to 85 percent. Water jetting or flooding to obtain compaction of backfill should not be permitted.*

4.6.7 Weak or Wet Subgrade Mitigation

The depth to groundwater was at depths between 5 and 8 feet bgs or shallower during our subsurface explorations in March 2022. High groundwater as shallow as 1 foot bgs was recorded in the past. Excavations for foundations, utilities, and other improvements may encounter weak or wet soil conditions depending on the depths and elevations of these features. If weak or wet soil subgrade is encountered during grading and adequate compaction cannot be achieved, the geotechnical engineer should be notified immediately to assess the condition of the weak or wet subgrade and provide Site-specific recommendations for stabilizing and/or repairing the exposed subgrade. Potential subgrade repair options include:

- Over-excavating and removing the weak or wet soil and replacing it with select non-expansive fill underlain by geotextile tensile fabric (Mirafi 500X or equivalent); or
- Stabilizing the exposed subgrade by thoroughly blending a lime or cement admixture into the weak or wet soil at a concentration of approximately 5 percent of dry weight of soil being treated, and subsequently compacting the treated subgrade to at least 90-percent relative compaction.

4.7 DEEP FOUNDATIONS

As discussed earlier, the marsh deposit is underlain by an alluvium layer and Colma Formation soil consisting of interbedded medium dense to very dense sand, clayey sand, and silty sand and stiff to hard clayey sand and clay to depths between 65 and 70 feet bgs. Sounding SCPT-2 encountered the dense to very dense layer from 45 to 65 feet bgs. Based on this, we recommend the proposed buildings be supported on deep foundations borne within the dense soil layer and deep foundations be extended to a depth of at least 45 to 60 feet bgs. In this report, we considered Tubex and auger-cast piles, or

equivalent, for this project. We recommend a minimum diameter of 16 inches for Tubex piles and 18 inches for auger-cast piles.

4.7.1 Vertical Pile Capacity

4.7.1.1 Tubex Piles

We recommend that 16/22-inch-diameter, 3/8-inch-thick, Tubex pipe piles, or equivalent, be used on the project. The steel pipe diameter is 16 inches, and the grout shield diameter is 22 inches. Vertical pile capacity was evaluated based on the computer program APILE v2019 (Ensoft, Inc.)

The ultimate axial capacity of a 16/22 Tubex pile installed from the existing ground surface for the general soil profile is presented on Figure 3. The weight of the foundation is not included in the ultimate resistance shown in these figures. The piles should extend to at least 45 to 60 feet into the dense to very dense coarse alluvial soils (Colma Formation) to develop support from friction in the fill and native soils as well as the end bearing in that layer.

Axial capacity is based on Federal Highway Administration (FHWA) procedures for designing Tubex pile. For skin resistance calculations, this method uses the Nordlund method for granular soils and the Tomlinson method for cohesive soils. The program also uses the Thurman variation of the Meyerhof recommendations for calculation of tip resistance. For the cohesive soils, we estimated undrained shear strength based on correlations with the tip resistance and laboratory tests. Skin resistance in the upper 5 feet of soil is neglected in our analyses to account for potential disturbance and seasonal moisture changes.

For allowable static axial capacity in Tubex pile design, we recommend a factor of safety of 2.5 ultimate axial resistance. For allowable uplift capacity, a factor of safety of 2.0 should be applied to the ultimate uplift capacity. No reduction in axial capacity based on group action is required for piles spaced at least 3 diameters on center-to-center. We also estimated an unfactored downdrag load of 190 kips due to consolidation of the Young Bay Mud and a seismic downdrag load of 30 kips. The downdrag loads should be considered as a structural load but need not be considered in the geotechnical capacity of the pile.

4.7.1.2 Auger-Cast Piles

We recommend that a minimum of 18-inch-diameter ACIP piles be used on the project. The estimated axial capacities are presented in the attached Figure 4. The piles should extend to at least 45 to 60 feet into the dense to very dense coarse alluvial soils (Colma Formation) to develop support from friction in the fill and native soils as well as the end bearing in that layer.

Axial capacity for ACIP pile was evaluated using the computer program SHAFT v2017 (Ensoft, Inc.) based on the FHWA procedures for drilled shafts. This method uses Alpha and Beta-values to estimate for skin resistances in cohesive and cohesionless soils, respectively. The end bearing resistance is estimated based on soil strength and SPT-N value at 60 percent efficiency near the tip of the pile for these soils. Skin resistance in the upper 5 feet of soil is neglected in our analyses to account for potential disturbance and seasonal moisture changes.

For allowable static axial capacity in ACIP pile design, we recommend a factor of safety of 2.5 be applied to the ultimate axial capacity. For allowable uplift capacity, a factor of safety of 2.0 should be applied to the ultimate uplift capacity. No reduction in axial capacity based on group action is required for piles spaced at least 3 diameters on center-to-center. We also estimated an unfactored downdrag load of 125 kips based on consolidation of the Young Bay Mud and a seismic downdrag load of 65 kips. The downdrag loads should be considered as a structural load but do not need to be considered in the geotechnical capacity of the pile. Pile foundations should be designed to resist the appropriate load combinations for downward and upward vertical loading, neglecting the potential vertical support provided by pile caps or grade beams.

4.7.2 Lateral Resistance

Lateral loads, which may be imposed on the piles by wind or earthquake forces, can be resisted by horizontal bearing support of soil adjacent to the piles. The lateral capacity of a pile depends on its length, stiffness in the direction of loading, proximity to other piles, and degree of fixity at the head, as well as on the engineering properties of the soils.

Structural details and loading conditions are not available to us yet. Our recommended parameters for the subsurface condition encountered in SCPT-2 for the design of lateral capacity are presented in Table VII, which includes parameters that can be used in the LPILE program (Ensoft, Inc.) The contribution of the fill found within the upper 5½ feet of the soil profile should be neglected in the design. The values presented in the table assume groundwater at the ground surface. The depths of each soil layer should be adjusted accordingly based on nearby CPT and boring logs. We anticipate that the marsh deposit is thickest at the north of the Site. If the piles will be constructed in groups, a P-multiplier may be required to account for group effects, depending on the pile layout geometry. Please contact us for further information if this information is required.

TABLE VIII

Lateral Capacity Input Parameters for SCPT-2

Layer	P-y Model	Depth (feet)	Effective Unit Weight (pcf)	Friction Angle (degrees)	k (pci)	Undrained Cohesion (psf)	E50
Fill	Sand (Reese)	0 to 5½	52.6	31	60	n/a	n/a
Marsh Deposit	Soft Clay (Matlock)	5½ to 17	47.6	n/a	n/a	500	0.007
Alluvium[1]	Sand (Reese)[1]	17 to 30	62.6	34	60	n/a	n/a
Colma Formation	Sand (Reese)	30 to 65	62.6	38	125	n/a	n/a
Old Bay Deposit	Stiff Clay with Free Water (Reese)	65 to 73	47.6	n/a	1000	2700	0.005
Alluvium	Sand (Reese)	73 to 100	62.6	38	125	n/a	n/a

Notes:

1) For seismic condition, use "Liquefied Sand Hybrid Model" with a SPT Blow Count of 24 for this layer.

Recommendations for pile testing should be included in a design-level report.

4.8 CONCRETE SLAB-ON-GRADE AND EXTERIOR FLATWORK

The project structural engineer should provide the interior concrete floor slab thickness and reinforcement. It is recommended that concrete floor slabs, including adjacent entrance slabs, be supported on at least 6 inches of imported, non-expansive fill with floor slabs. This may include the 6 inches of capillary break or baserock material. The fill should extend a minimum horizontal distance of 5 feet beyond all building areas, including the outer edge of perimeter footings and footings extending beyond perimeter walls. As a minimum, the floor slab should be directly underlain by at least a 6-inch-thick layer of Class 2 aggregate base or a 6-inch-thick water vapor retarder system, as described below. The soil subgrade beneath the interior floor slab system should be prepared and compacted as described in the section "Fill Placement and Compaction." The subgrade should not be allowed to dry during construction. If the previously compacted soil subgrade is disturbed during foundation and/or utility excavation, the subgrade should be scarified, moisture-conditioned, and rerolled to provide a firm, unyielding surface prior to placing the capillary break material or casting the concrete floor.

To reduce water moisture transmission through the floor slab, we recommend installing a capillary moisture break and a minimum 15-mil-thick Class C water vapor retarder beneath the floor. Typically, finished spaces with slab-on-grade floors, such as offices, will utilize capillary moisture breaks and vapor retarders to reduce the potential for water vapor transmission through the floor, which can adversely impact flooring materials and carpeting. If moisture transmission through the slab is acceptable or if the slab is subject to vehicle loading, the slab-on-grade floor may be placed over a 6-inch-thick layer of Caltrans Class 2 Aggregate Base or subbase that has been compacted to at least 95 percent relative compaction.

4.9 FLEXIBLE PAVEMENT DESIGN

The State of California Resistance (R)-value method for flexible pavement design was used to develop recommendations for pavement sections. The thickness of pavement depends on the R-value of the subgrade soil and the volume of traffic anticipated.

Based on the encountered soil type and R-value test results from the adjacent Site, we recommend using a design soil subgrade R-value of 18 and relying on the subgrade preparation method discussed in the "Earthworks" section of this report.

We assume that flexible pavement throughout the Site will be designed using traffic indexes (TI) ranging from 4.5 to 9.0. Design sections for flexible pavement sections bearing directly over compacted native soil (R-value = 18), are presented in Table IX.

TABLE IX

Flexible Pavement Design (R-Value = 18)

Traffic Index	Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)	Total (inches)
4.5	2.5	7.0	9.5
7.0	4.0	12.0	16.0

4.10 RIGID PAVEMENT DESIGN

Rigid pavement design was performed in conformance with the AASHTO 1993 design method, including vehicle loads calibrated to a standard equivalent single axle load of 18,000 pounds and a maximum tandem axle load of 32,000 pounds. The thickness of rigid pavement depends on the R-value of the subgrade soil and the volume of traffic anticipated. The thickness of rigid pavement depends on the R value of the subgrade soil and the volume of traffic anticipated. For this Site, as stated in the "Flexible Pavement Design" section, we assume a design R-value of 18 for the existing subgrade. We assume that rigid pavements throughout the Site will be designed using TI up to 10.0. Based on these design parameters, we recommend using the pavement designs presented on Table X.

TABLE X

Rigid Pavement Design

Traffic Index	Portland Cement Concrete (inches)	Class 2 Aggregate Base (inches)	Total (inches)
≤7.0	6.0	6.0	12.0
7.0 to 9.0	8.5	6.0	14.5
9.0 to 10.0	10.0	6.0	16.0

Notes:

1) Class 2 Aggregate Base to be placed over the subgrade prepared per "Fill Placement and Compaction".

The modulus of rupture of the concrete should be at least 600 pounds per square inch at 28 days, and the unconfined compressive strength of the concrete should be at least 3,500 pounds per square inch at 28 days. Contraction joints should be constructed at a 12.5-foot spacing for the 6-inch-thick concrete pavement and 15-foot spacing for the 7-inch-thick concrete pavement. Where the outer edge of a concrete pavement meets asphalt pavement, the concrete slab should be thickened by 50 percent at a taper not to exceed a slope of 1 in 10. For better long-term performance, consideration should be given to reinforcing the slab with a minimum of No. 3 bars at 18-inch spacing in both directions. If there is a conflict between the civil and geotechnical design recommendations for contraction joint spacing or slab reinforcement, we defer to the civil engineer's recommendations. Recommendations for subgrade preparation and aggregate base compaction for concrete pavements are provided in the "Fill Placement and Compaction" section of this report.

4.11 TEMPORARY EXCAVATION SHORING

Temporary shoring walls will be required to support the vertical sides of the deep excavation. The shoring system should be designed to provide temporary lateral support for the excavation while ensuring safety and stability of the buildings, utilities, and other infrastructure adjacent to the excavation. If temporary shoring will act as a groundwater cut-off, embedment depth may be deeper than what is needed for the support of excavation. Final toe depths should be further reviewed and selected by the design-build shoring contractor.

We assume that a cement-mix column cut-off wall is the preferred method of shoring for this project, given the constraints from the adjacent public streets, but it is still conceptual at this time. However, we have included recommendations for a cement-mix column cut-off wall with both tiebacks and with internal bracing for completeness. The cut-off wall will include steel members (presumably I- or W-section beams) to resist lateral earth pressures.

During the design phase of the project, detailed recommendations should be provided.

4.12 RETAINING WALLS

Retaining walls are anticipated for the parking structure ramp between the lowest floor level up to the next level. Basement retaining walls will also be needed for the one to two levels of below grade parking. Retaining walls should be designed to resist both static lateral earth pressures, lateral pressures caused by seismic loading, and additional surcharge pressures associated with vehicular traffic (if appropriate). Our recommended soil parameters for the design of retaining walls are provided in Table XI based on SCPT-2. The depths of each soil layer should be adjusted accordingly based on nearby CPT and boring logs. We anticipate that the marsh deposit is thickest at the north of the Site. Hydrostatic pressure of 62.4 psf was applied to at-rest and active conditions below the ground surface beneath the groundwater table.

TABLE XI

Recommended Soil Parameters for Retaining Wall Based on SCPT-2 (Below Groundwater)

Depth below Surface (feet)	Soil Description	Equivalent Fluid Pressure (pcf)		
		At-Rest K_0	Active K_a	Passive K_p
0 to 5½	Fill (GM, GC, SM, SC)	90	85	235
5½ to 17	Marsh Deposit (CL, CH)	95	85	180
17 to 50	Alluvium (SP-SM, SC, SM)	90	80	280

We recommend that the retaining walls be designed for the more critical of either:

- An at-rest equivalent fluid weight (triangular distribution), plus a traffic surcharge as a uniform (rectangular distribution) lateral pressure of 100 psf applied to the entire vertical face of the retaining wall, where vehicular parking, streets and/or driveways are located within a horizontal distance of H, where H is the height of the adjacent retaining wall in feet; or
- An active equivalent fluid weight (triangular distribution), plus a uniform seismic increment (rectangular distribution) of 15 times the height of the wall in psf, where the height is in feet.

Additional drainage recommendations should be provided in a design-level report.

5. Limitations

The services provided for this project include professional opinions and judgments based on currently existing data. These services have been performed according to generally accepted geotechnical engineering practices that exist in the area at the time the report was written. No other representation, expressed or implied, and no warranty or guarantee are included or intended in this letter or in any opinion, documented or otherwise.

These preliminary conclusions and recommendations are for the due diligence phase of the project. If US Terminal Court Owner, LLC, decides to proceed with the redevelopment, we recommend that Haley & Aldrich be retained to perform those services as the Geotechnical Engineer of Record and prepare a design-level geotechnical report.

\\haleyaldrich.com\share\CF\Projects\0204962\Deliverables\Geotechnical_Info\Reports\131 Terminal Ct\2022_0503_HAI_131 Terminal Ct_Geotech_F.docx

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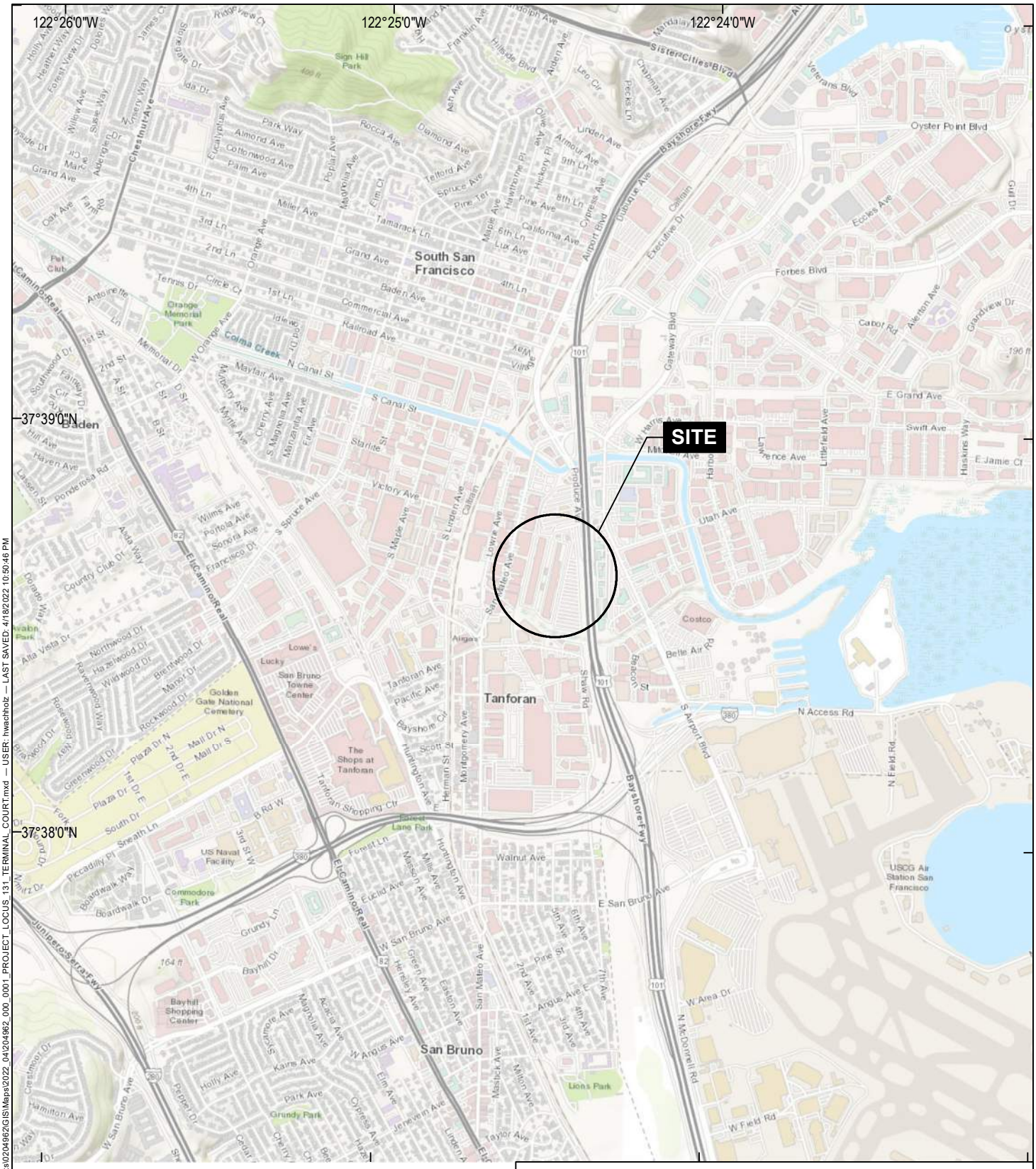
FIGURES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122°24'0"W
37°39'0"N
37°38'0"N
SITE
South San Francisco
Tanforan
San Bruno
Baden
Colma Creek
Sign Hill Park
Orange Memorial Park
Golden Gate National Cemetery
The Shops at Tanforan
Bayhill Shopping Center
Commodore Park
Grundy Park
Lions Park
Forest Lane Park
US Naval Facility
USCG Air Station San Francisco
Costco
Lowe's
Lucky
San Bruno Towne Center
Oyster Point Blvd
Sister Cities Blvd
Bayshore Freyw
El Camino Real
Junipero Serra Fwy
Airport Blvd
N Access Rd
W Field Rd
N McDonnell Rd
E Grand Ave
Forbes Blvd
Utah Ave
Belle Air Rd
Walnut Ave
E San Bruno Ave
W San Bruno Ave
W Orange Ave
N Canal St
S Canal St
Railroad Ave
Commercial Ave
Baden Ave
Grand Ave
Produce Ave
Littlefield Ave
Lawrence Ave
Swift Ave
Gateway Blvd
Dubuque Ave
Veterans Blvd
Chestnut Ave
Linden Ave
Victory Ave
Tanforan Ave
Scott St
Huntington Ave
Mission Ave
Euclid Ave
Angus Ave
Kains Ave
Park Ave
Jenevein Ave
Taylor Ave
Hillside Blvd
Rollingwood Dr
Alta Vista Dr
Country Club Dr
Ponderosa Rd
Tennis Dr
Circle Ct
Memorial Dr
Mayfair Ave
Starlite St
Wilms Ave
Portola Ave
Sonora Ave
Francisco Dr
Northwood Dr
Hazelwood Dr
Wildwood Dr
Brentwood Dr
Manor Dr
Rockwood Dr
Greenwood Dr
Plaza Dr N
Mall Dr N
Mall Dr S
2nd Dr E
1st Dr E
Plaza Dr E
South Dr
Sneath Ln
Piccadilly Pl
Boardwalk Way
Boardwalk Dr
Grundy Ln
Bayhill Dr
Forest Ln
B Rd W
3rd St W
Tanforan Shopping Ctr
Herman St
Montgomery Ave
Bayshore Ct
Pacific Ave
Shaw Rd
Beacon St
Produce Ave
Harbor Blvd
Lawrence Ave
Littlefield Ave
Haskins Way
E Jamie Ct
Cabot Rd
Allerton Ave
Glendview Dr
Executive Dr
Airport Blvd
Cypress Ave
Hickory Pl
Pine Ave
Spruce Ave
Maple Ave
Hawthorne Pl
Telford Ave
Diamond Ave
Rocca Ave
Park Way
Almond Ave
Cottonwood Ave
Palm Ave
Eucalyptus Ave
Poplar Ave
Magnolia Ave
Elm Ct
Tamarack Ln
Miller Ave
Oak Ave
Grand Ave
Aderlein Dr
Willow Ave
Susie Way
Nursery Way
Ridge View Ct
Ida Dr
Sister Gate Dr
Holly Ave
Heather Way
Forest View Dr
Dolores Way
James Ct
Ridgeside Dr
Mark Ct
Fairway Dr
Southwood Dr
Antoinette Ln
Pet Club
Orange Ave
Idlewood Dr
Nursery Ave
Myrtle Ave
Crery Ave
S Magnolia Ave
Manzanita Ave
Fir Ave
A St
B St
C St
D St
1st St
2nd St
1st Ln
2nd Ln
3rd Ln
4th Ln
5th Ln
6th Ln
8th Ln
9th Ln
Lux Ave
California Ave
Pine Ter
Olive Ave
Armour Ave
Linden Ave
Peck's Ln
Chapman Ave
Leo Cir
Aiden Ave
Franklin Ave
Randolph Ave
Mandalay Rd
Oyster Point Blvd
Gull Dr
Eccles Ave
Executive Dr
Caltrain
Gateway Blvd
Harris Ave
Utah Ave
Lowrie Ave
S Linden Ave
S Maple Ave
S Spruce Ave
S San Mateo Ave
Mission Ave
Mills Ave
Huntington Ave
Montgomery Ave
Herman St
Scott St
Bayshore Ct
Pacific Ave
Tanforan Ave
Lowe's
Lucky
San Bruno Towne Center
Golden Gate National Cemetery
The Shops at Tanforan
Tanforan Shopping Ctr
Forest Lane Park
US Naval Facility
Commodore Park
Bayhill Shopping Center
Grundy Park
Lions Park
Costco
Belle Air Rd
Beacon St
Shaw Rd
Produce Ave
Harbor Blvd
Lawrence Ave
Littlefield Ave
Haskins Way
E Jamie Ct
Cabot Rd
Allerton Ave
Glendview Dr
Forbes Blvd
E Grand Ave
Swift Ave
Gateway Blvd
Dubuque Ave
Veterans Blvd
Oyster Point Blvd
Sister Cities Blvd
Bayshore Freyw
Airport Blvd
N Access Rd
W Field Rd
N McDonnell Rd
W Area Dr
E San Bruno Ave
W San Bruno Ave
Walnut Ave
Utah Ave
Belle Air Rd
W Orange Ave
N Canal St
S Canal St
Railroad Ave
Commercial Ave
Baden Ave
Grand

LEGEND

- SOIL BORING
- CONE PENETRATION TEST
- CONE PENETRATION TEST AND HAND-AUGER BORING, ROCKRIDGE GEOTECHNICAL, INC. (2020)
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: SAN MATEO COUNTY GIS
3. AERIAL IMAGERY SOURCE: NEARMAP, 29 SEPTEMBER 2021

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

SITE PLAN

APRIL 2022

FIGURE 2

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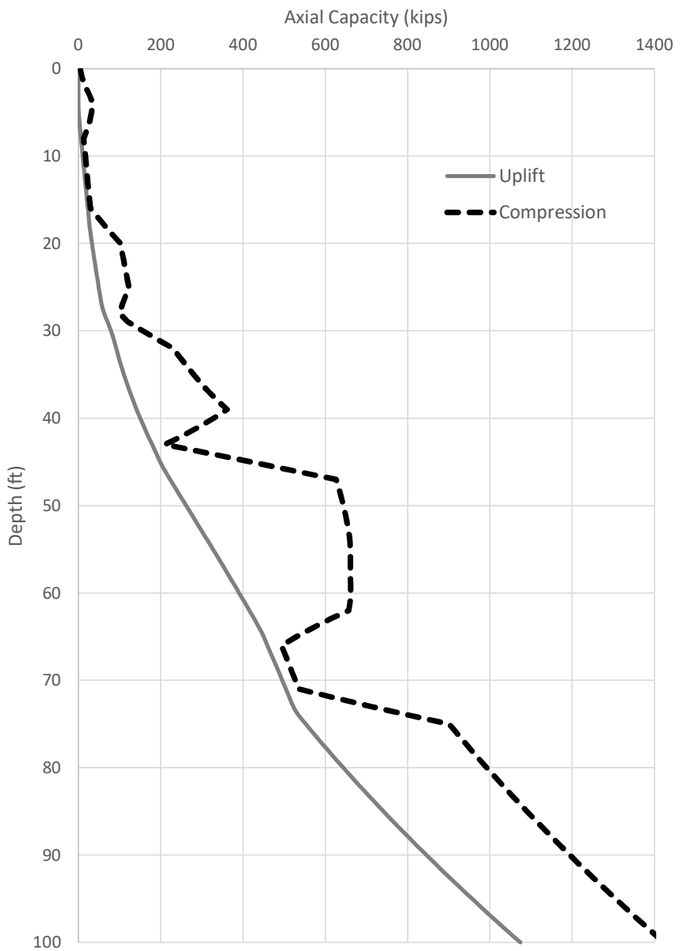
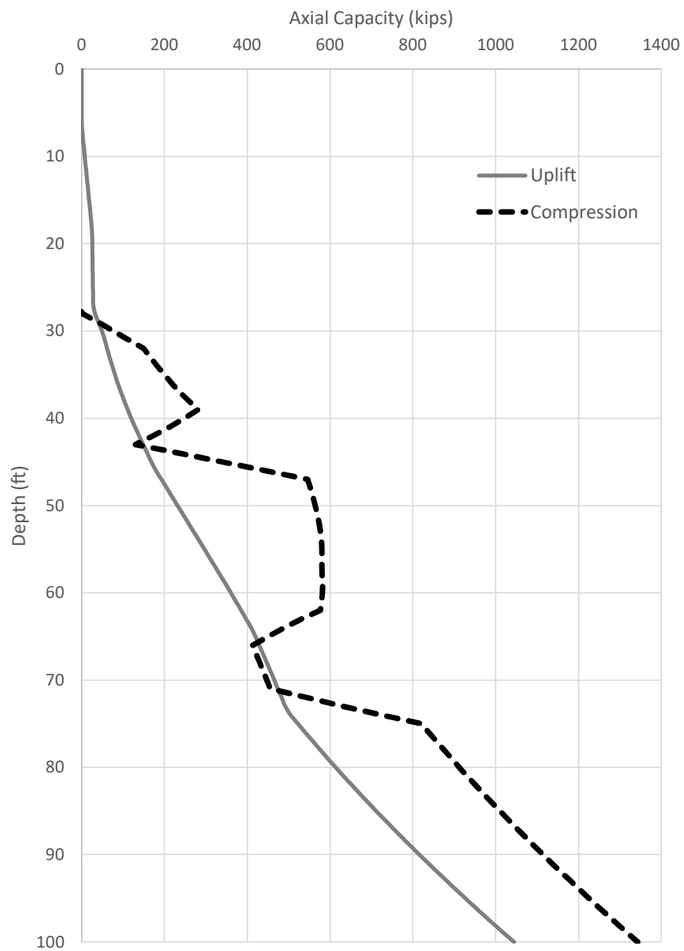
ULTIMATE PILE RESISTANCES -
STATIC CONDITION



Notes:
1) The net weight of the pile should be treated as a load applied to the top of the pile in compression. This load is not accounted for in these charts. This weight may be considered as additional resistance in uplift.
2) A recommended factor of safety of 2.5 should be applied to the ultimate compressive resistance shown above. For uplift considerations, a factor of safety of 3.0 should be applied to the side resistance shown above.
3) An unfactored downdrag of 190 kips was calculated and should be considered as a structural load. This load does not need to be considered when calculating the geotechnical capacity of the pile.

ULTIMATE PILE RESISTANCES -
SEISMIC CONDITION



Notes:
1) The net weight of the pile should be treated as a load applied to the top of the pile in compression. This load is not accounted for in these charts. This weight may be considered as additional resistance in uplift.
2) A recommended factor of safety of 2.0 should be applied to the ultimate resistance shown above. For uplift considerations, the factor of safety of 2.0 should be applied to the side resistance shown above.
3) An unfactored seismic-induced downdrag of 30 kips was calculated and should be considered as a structural seismic load. This load does not need to be considered when calculating the geotechnical capacity of the pile.

HALEY ALDRICH

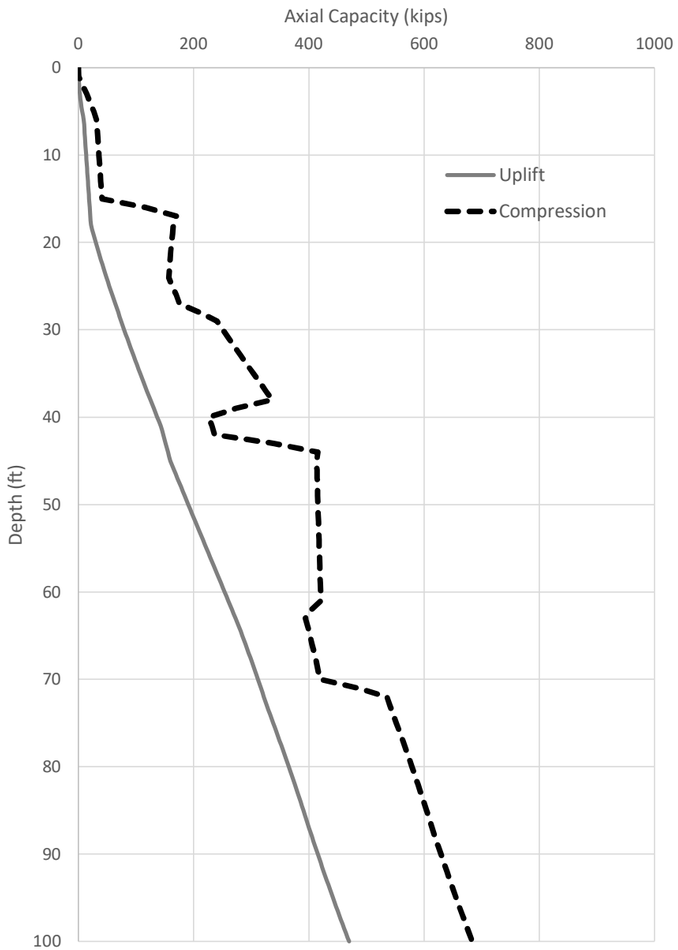
131 TERMINAL CT
SOUTH SAN FRANCISCO, CA

16/22" TUBEX PILES
AXIAL RESISTANCE CHARTS

18 April 2022

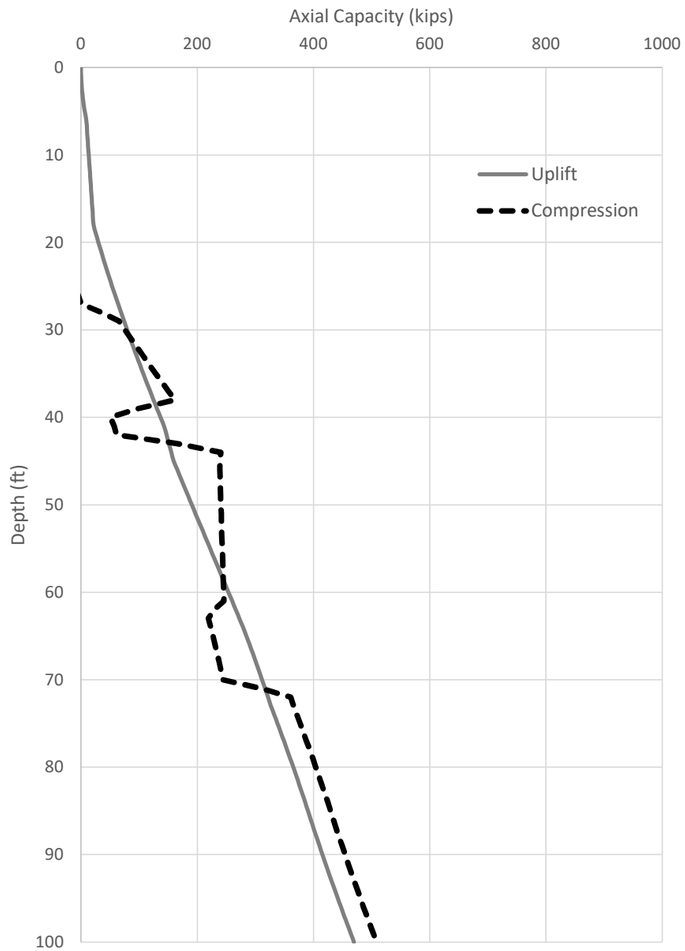
FIGURE 3

ULTIMATE PILE RESISTANCES -
STATIC CONDITION



Notes:
1) The net weight of the pile should be treated as a load applied to the top of the pile in compression. This load is not accounted for in these charts. This weight may be considered as additional resistance in uplift.
2) A recommended factor of safety of 2.5 should be applied to the ultimate compressive resistance shown above. For uplift considerations, a factor of safety of 3.0 should be applied to the side resistance shown above.
3) An unfactored downdrag of 125 kips was calculated and should be considered as a structural load. This load does not need to be considered when calculating the geotechnical capacity of the pile.

ULTIMATE PILE RESISTANCES -
SEISMIC CONDITION



Notes:
1) The net weight of the pile should be treated as a load applied to the top of the pile in compression. This load is not accounted for in these charts. This weight may be considered as additional resistance in uplift.
2) A recommended factor of safety of 2.0 should be applied to the ultimate resistance shown above. For uplift considerations, the factor of safety of 2.0 should be applied to the side resistance shown above.
3) An unfactored seismic-induced downdrag of 65 kips was calculated and should be considered as a structural seismic load. This load does not need to be considered when calculating the geotechnical capacity of the pile.

HALEY ALDRICH

131 TERMINAL CT
SOUTH SAN FRANCISCO, CA

18" AUGER CAST PILES
AXIAL RESISTANCE CHARTS

18 April 2022

FIGURE 4

APPENDIX A
Cone Penetration Test Results

GREGG DRILLING, LLC.
GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION SERVICES

March 16, 2022

Haley & Aldrich
Attn: Rati

Subject: CPT Site Investigation
101 & 103 Terminal Ct
South San Francisco, California
GREGG Project Number: P7222007 & P7222008

Dear Rati:

The following report presents the results of GREGG Drilling Cone Penetration Test investigation for the above referenced site. The following testing services were performed:

1	Cone Penetration Tests	(CPTU)	☒
2	Pore Pressure Dissipation Tests	(PPD)	☒
3	Seismic Cone Penetration Tests	(SCPTU)	☒
4	Membrane Interface Probe	(MIP)	☐
5	Hydraulic Profiling Tool	(HPT)	☐
6	Groundwater Sampling	(GWS)	☐
7	Soil Sampling	(SS)	☐
8	Vapor Sampling	(VS)	☐

A list of reference papers providing additional background on the specific tests conducted is provided in the bibliography following the text of the report. If you would like a copy of any of these publications or should you have any questions or comments regarding the contents of this report, please do not hesitate to contact me at 949-903-6873.

Sincerely,
Gregg Drilling, LLC.

CPT Reports Team
Gregg Drilling, LLC.

Cone Penetration Test Sounding Summary

-Table 1-

CPT Sounding Identification	Date	Termination Depth (feet)	Depth of Groundwater Samples (feet)	Depth of Soil Samples (feet)	Depth of Pore Pressure Dissipation Tests (feet)
SCPT-1	3/14/2022	100.07	-	-	23.62
CPT-2	3/15/2022	100.07	-	-	24.93
CPT-3	3/15/2022	83.01	-	-	21.33
CPT-4	3/15/2022	97.6	-	-	23.29
SCPT-2	3/14/2022	99.41	-	-	18.54

Bibliography

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Mayne, P.W., "NHI (2002) Manual on Subsurface Investigations: Geotechnical Site Characterization", available through www.ce.gatech.edu/~geosys/Faculty/Mayne/papers/index.html, Section 5.3, pp. 107-112.

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Campanella, R.G. and I. Weemees, "Development and Use of An Electrical Resistivity Cone for Groundwater Contamination Studies", Canadian Geotechnical Journal, Vol. 27 No. 5, 1990 pp. 557-567.

DeGroot, D.J. and A.J. Lutenegger, "Reliability of Soil Gas Sampling and Characterization Techniques", International Site Characterization Conference - Atlanta, 1998.

Woeller, D.J., P.K. Robertson, T.J. Boyd and Dave Thomas, "Detection of Polyaromatic Hydrocarbon Contaminants Using the UVIF-CPT", 53rd Canadian Geotechnical Conference Montreal, QC October pp. 733-739, 2000.

Zemo, D.A., T.A. Delfino, J.D. Gallinatti, V.A. Baker and L.R. Hilpert, "Field Comparison of Analytical Results from Discrete-Depth Groundwater Samplers" BAT EnviroProbe and QED HydroPunch, Sixth national Outdoor Action Conference, Las Vegas, Nevada Proceedings, 1992, pp 299-312.

Copies of ASTM Standards are available through www.astm.org

Cone Penetration Testing Procedure (CPT)

Gregg Drilling carries out all Cone Penetration Tests (CPT) using an integrated electronic cone system, *Figure CPT*.

The cone takes measurements of tip resistance (q_c), sleeve resistance (f_s), and penetration pore water pressure (u_2). Measurements are taken at either 2.5 or 5 cm intervals during penetration to provide a nearly continuous profile. CPT data reduction and basic interpretation is performed in real time facilitating on-site decision making. The above mentioned parameters are stored electronically for further analysis and reference. All CPT soundings are performed in accordance with revised ASTM standards (D 5778-12).

The 5mm thick porous plastic filter element is located directly behind the cone tip in the u_2 location. A new saturated filter element is used on each sounding to measure both penetration pore pressures as well as measurements during a dissipation test (*PPDT*). Prior to each test, the filter element is fully saturated with oil under vacuum pressure to improve accuracy.

When the sounding is completed, the test hole is backfilled according to client specifications. If grouting is used, the procedure generally consists of pushing a hollow tremie pipe with a "knock out" plug to the termination depth of the CPT hole. Grout is then pumped under pressure as the tremie pipe is pulled from the hole. Disruption or further contamination to the site is therefore minimized.

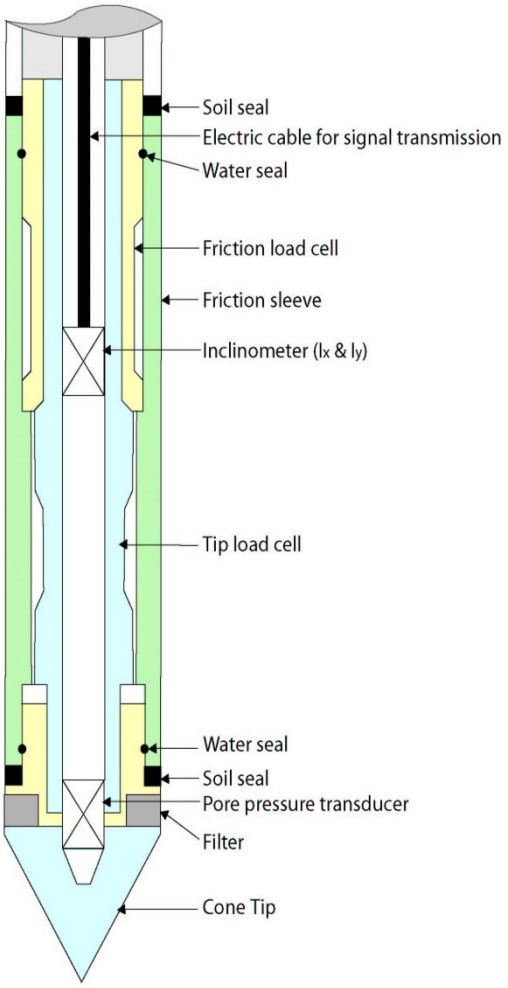


Figure CPT

Gregg 15cm^2 Standard Cone Specifications

Dimensions	
Cone base area	15 cm^2
Sleeve surface area	225 cm^2
Cone net area ratio	0.85
Specifications	
Cone load cell	
Full scale range	180 kN (20 tons)
Overload capacity	150%
Full scale tip stress	120 MPa (1,200 tsf)
Repeatability	120 kPa (1.2 tsf)
Sleeve load cell	
Full scale range	31 kN (3.5 tons)
Overload capacity	150%
Full scale sleeve stress	1,400 kPa (15 tsf)
Repeatability	1.4 kPa (0.015 tsf)
Pore pressure transducer	
Full scale range	7,000 kPa (1,000 psi)
Overload capacity	150%
Repeatability	7 kPa (1 psi)

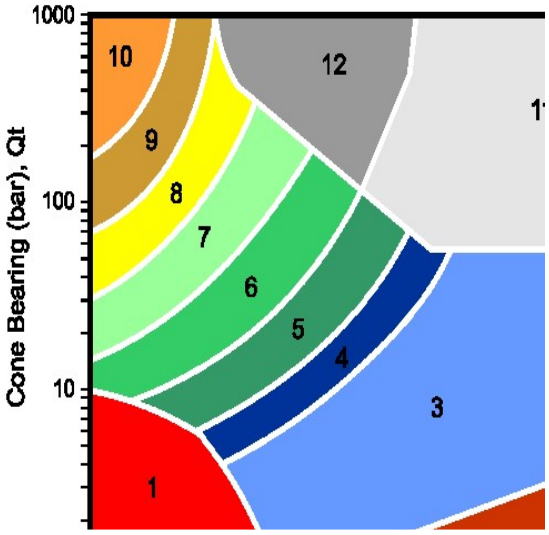
Note: The repeatability during field use will depend somewhat on ground conditions, abrasion, maintenance and zero load stability.

Cone Penetration Test Data & Interpretation

The Cone Penetration Test (CPT) data collected are presented in graphical and electronic form in the report. The plots include interpreted Soil Behavior Type (SBT) based on the charts described by Robertson (1990). Typical plots display SBT based on the non-normalized charts of Robertson et al (1986). For CPT soundings deeper than 30m, we recommend the use of the normalized charts of Robertson (1990) which can be displayed as SBTn, upon request. The report also includes spreadsheet output of computer calculations of basic interpretation in terms of SBT and SBTn and various geotechnical parameters using current published correlations based on the comprehensive review by Lunne, Robertson and Powell (1997), as well as recent updates by Professor Robertson (Guide to Cone Penetration Testing, 2015). The interpretations are presented only as a guide for geotechnical use and should be carefully reviewed. Gregg Drilling LLC does not warranty the correctness or the applicability of any of the geotechnical parameters interpreted by the software and does not assume any liability for use of the results in any design or review. The user should be fully aware of the techniques and limitations of any method used in the software. Some interpretation methods require input of the groundwater level to calculate vertical effective stress. An estimate of the in-situ groundwater level has been made based on field observations and/or CPT results, but should be verified by the user.

A summary of locations and depths is available in Table 1. Note that all penetration depths referenced in the data are with respect to the existing ground surface.

Note that it is not always possible to clearly identify a soil type based solely on q_t, f_s, and u_2. In these situations, experience, judgment, and an assessment of the pore pressure dissipation data should be used to infer the correct soil behavior type.



ZONE		SBT
1		Sensitive, fine grained
2		Organic materials
3		Clay
4		Silty clay to clay
5		Clayey silt to silty clay
6		Sandy silt to clayey silt
7		Silty sand to sandy silt
8		Sand to silty sand
9		Sand
10		Gravely sand to sand
11		Very stiff fine grained*
12		Sand to clayey sand*

*over consolidated or cemented

Figure SBT (After Robertson et al., 1986) – Note: Colors may vary slightly compared to plots

Cone Penetration Test (CPT) Interpretation

Gregg uses a proprietary CPT interpretation and plotting software. The software takes the CPT data and performs basic interpretation in terms of soil behavior type (SBT) and various geotechnical parameters using current published empirical correlations based on the comprehensive review by Lunne, Robertson and Powell (1997). The interpretation is presented in tabular format using MS Excel. The interpretations are presented only as a guide for geotechnical use and should be carefully reviewed. Gregg does not warranty the correctness or the applicability of any of the geotechnical parameters interpreted by the software and does not assume any liability for any use of the results in any design or review. The user should be fully aware of the techniques and limitations of any method used in the software.

The following provides a summary of the methods used for the interpretation. Many of the empirical correlations to estimate geotechnical parameters have constants that have a range of values depending on soil type, geologic origin and other factors. The software uses 'default' values that have been selected to provide, in general, conservatively low estimates of the various geotechnical parameters.

Input:

1 Units for display (Imperial or metric) (atm. pressure, p_a = 0.96 tsf or 0.1 MPa)
2 Depth interval to average results (ft or m). Data are collected at either 0.02 or 0.05m and can be averaged every 1, 3 or 5 intervals.
3 Elevation of ground surface (ft or m)
4 Depth to water table, z_w (ft or m) – input required
5 Net area ratio for cone, a (default to 0.85)
6 Relative Density constant, C_{Dr} (default to 350)
7 Young's modulus number for sands, α (default to 5)
8 Small strain shear modulus number
  a. for sands, S_G (default to 180 for SBT_n 5, 6, 7)
  b. for clays, C_G (default to 50 for SBT_n 1, 2, 3 & 4)
9 Undrained shear strength cone factor for clays, N_{kt} (default to 15)
10 Over Consolidation ratio number, k_{ocr} (default to 0.3)
11 Unit weight of water, (default to γ_w = 62.4 lb/ft^3 or 9.81 kN/m^3)

Column

1 Depth, z, (m) – CPT data is collected in meters
2 Depth (ft)
3 Cone resistance, q_c (tsf or MPa)
4 Sleeve resistance, f_s (tsf or MPa)
5 Penetration pore pressure, u (psi or MPa), measured behind the cone (i.e. u_2)
6 Other – any additional data
7 Total cone resistance, q_t (tsf or MPa) $q_t = q_c + u\,(1\text{-}a)$

8	Friction Ratio, R_f (%)	$R_f = (f_s/q_t) \times 100\%$
9	Soil Behavior Type (non-normalized), SBT	see note
10	Unit weight, γ (pcf or kN/m^3)	based on SBT, see note
11	Total overburden stress, σ_v (tsf)	$\sigma_{vo} = \sigma\, z$
12	In-situ pore pressure, u_o (tsf)	$u_o = \gamma_w (z - z_w)$
13	Effective overburden stress, σ'_{vo} (tsf)	$\sigma'_{vo} = \sigma_{vo} - u_o$
14	Normalized cone resistance, Q_{t1}	$Q_{t1} = (q_t - \sigma_{vo}) / \sigma'_{vo}$
15	Normalized friction ratio, F_r (%)	$F_r = f_s / (q_t - \sigma_{vo}) \times 100\%$
16	Normalized Pore Pressure ratio, B_q	$B_q = u - u_o / (q_t - \sigma_{vo})$
17	Soil Behavior Type (normalized), SBT_n	see note
18	SBT_n Index, I_c	see note
19	Normalized Cone resistance, Q_{tn} (n varies with I_c)	see note
20	Estimated permeability, k_{SBT} (cm/sec or ft/sec)	see note
21	Equivalent SPT N_{60}, blows/ft	see note
22	Equivalent SPT $(N_1)_{60}$ blows/ft	see note
23	Estimated Relative Density, D_r, (%)	see note
24	Estimated Friction Angle, ϕ', (degrees)	see note
25	Estimated Young's modulus, E_s (tsf)	see note
26	Estimated small strain Shear modulus, Go (tsf)	see note
27	Estimated Undrained shear strength, s_u (tsf)	see note
28	Estimated Undrained strength ratio	s_u/σ_v'
29	Estimated Over Consolidation ratio, OCR	see note

Notes:

1 Soil Behavior Type (non-normalized), SBT (Lunne et al., 1997 and table below)

2 Unit weight, γ either constant at 119 pcf or based on Non-normalized SBT (Lunne et al., 1997 and table below)

3 Soil Behavior Type (Normalized), SBT_n Lunne et al. (1997)

4 SBT_n Index, I_c $I_c = ((3.47 - \log Q_{t1})^2 + (\log F_r + 1.22)^2)^{0.5}$

5 Normalized Cone resistance, Q_{tn} (n varies with Ic)

$Q_{tn} = ((q_t - \sigma_{vo})/pa)\ (pa/(\sigma'_{vo})^n$ and recalculate I_c, then iterate:

When $I_c < 1.64$, n = 0.5 (clean sand)
When $I_c > 3.30$, n = 1.0 (clays)
When $1.64 < I_c < 3.30$, $n = (I_c - 1.64)0.3 + 0.5$
Iterate until the change in n, $\Delta n < 0.01$

6 Estimated permeability, k_{SBT} based on Normalized SBT_n (Lunne et al., 1997 and table below)

7 Equivalent SPT N_{60}, blows/ft Lunne et al. (1997)

$$\frac{(q_t/p_a)}{N_{60}} = 8.5\left(1 - \frac{I_c}{4.6}\right)$$

8 Equivalent SPT $(N_1)_{60}$ blows/ft $(N_1)_{60} = N_{60}\, C_N$,
where $C_N = (pa/\sigma'_{vo})^{0.5}$

9 Relative Density, D_r, (%) $D_r^2 = Q_{tn} / C_{Dr}$
Only SBT_n 5, 6, 7 & 8 *Show 'N/A' in zones 1, 2, 3, 4 & 9*

10 Friction Angle, ϕ', (degrees) $\tan\phi' = \frac{1}{2.68}\left[\log\left(\frac{q_c}{\sigma'_{vo}}\right) + 0.29\right]$
Only SBT_n 5, 6, 7 & 8 *Show'N/A' in zones 1, 2, 3, 4 & 9*

11 Young's modulus, E_s $E_s = \alpha\, q_t$
Only SBT_n 5, 6, 7 & 8 *Show 'N/A' in zones 1, 2, 3, 4 & 9*

12 Small strain shear modulus, Go

a. $G_o = S_G\,(q_t\ \sigma'_{vo}\ pa)^{1/3}$ *For SBT_n 5, 6, 7*

b. $G_o = C_G\, q_t$ *For SBT_n 1, 2, 3& 4*

Show 'N/A' in zones 8 & 9

13 Undrained shear strength, s_u $s_u = (q_t - \sigma_{vo}) / N_{kt}$
Only SBT_n 1, 2, 3, 4 & 9 *Show 'N/A' in zones 5, 6, 7 & 8*

14 Over Consolidation ratio, OCR $OCR = k_{ocr}\, Q_{t1}$
Only SBT_n 1, 2, 3, 4 & 9 *Show 'N/A' in zones 5, 6, 7 & 8*

The following updated and simplified SBT descriptions have been used in the software:

SBT Zones		**SBT_n Zones**	
1	sensitive fine grained	1	sensitive fine grained
2	organic soil	2	organic soil
3	clay	3	clay
4	clay & silty clay	4	clay & silty clay
5	clay & silty clay		
6	sandy silt & clayey silt		

7	silty sand & sandy silt	5	silty sand & sandy silt
8	sand & silty sand	6	sand & silty sand
9	sand		
10	sand	7	sand
11	very dense/stiff soil*	8	very dense/stiff soil*
12	very dense/stiff soil*	9	very dense/stiff soil*

*heavily overconsolidated and/or cemented

Track when soils fall with zones of same description and print that description (i.e. if soils fall only within SBT zones 4 & 5, print ‘clays & silty clays’)

Estimated Permeability (see Lunne et al., 1997)

SBT_n	Permeability (ft/sec)	(m/sec)
1	$3x\ 10^{-8}$	$1x\ 10^{-8}$
2	$3x\ 10^{-7}$	$1x\ 10^{-7}$
3	$1x\ 10^{-9}$	$3x\ 10^{-10}$
4	$3x\ 10^{-8}$	$1x\ 10^{-8}$
5	$3x\ 10^{-6}$	$1x\ 10^{-6}$
6	$3x\ 10^{-4}$	$1x\ 10^{-4}$
7	$3x\ 10^{-2}$	$1x\ 10^{-2}$
8	$3x\ 10^{-6}$	$1x\ 10^{-6}$
9	$1x\ 10^{-8}$	$3x\ 10^{-9}$

Estimated Unit Weight (see Lunne et al., 1997)

SBT	Approximate Unit Weight (lb/ft^3)	(kN/m^3)
1	111.4	17.5
2	79.6	12.5
3	111.4	17.5
4	114.6	18.0
5	114.6	18.0
6	114.6	18.0
7	117.8	18.5
8	120.9	19.0
9	124.1	19.5
10	127.3	20.0
11	130.5	20.5
12	120.9	19.0

Pore Pressure Dissipation Tests (PPDT)

Pore Pressure Dissipation Tests (PPDT's) conducted at various intervals can be used to measure equilibrium water pressure (at the time of the CPT). If conditions are hydrostatic, the equilibrium water pressure can be used to determine the approximate depth of the ground water table. A PPDT is conducted when penetration is halted at specific intervals determined by the field representative. The variation of the penetration pore pressure (*u)* with time is measured behind the tip of the cone and recorded.

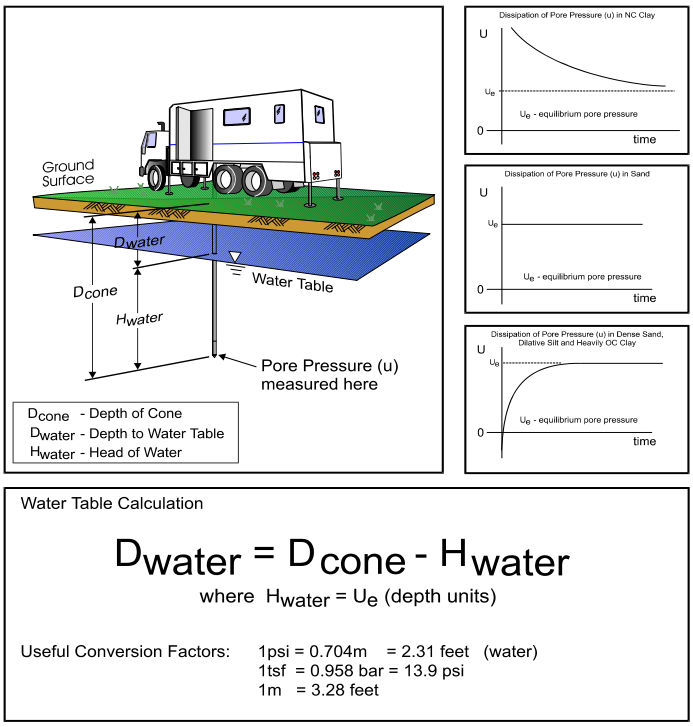
Pore pressure dissipation data can be interpreted to provide estimates of:

- Equilibrium piezometric pressure
- Phreatic Surface
- In situ horizontal coefficient of consolidation (c_h)
- In situ horizontal coefficient of permeability (k_h)

In order to correctly interpret the equilibrium piezometric pressure and/or the phreatic surface, the pore pressure must be monitored until it reaches equilibrium, *Figure PPDT*. This time is commonly referred to as t_{100}, the point at which 100% of the excess pore pressure has dissipated.

A complete reference on pore pressure dissipation tests is presented by Robertson et al. 1992 and Lunne et al. 1997.

A summary of the pore pressure dissipation tests completed for this project is included in Table 1.



Water Table Calculation

$$D_{water} = D_{cone} - H_{water}$$

where $H_{water} = U_e$ (depth units)

Useful Conversion Factors: 1psi = 0.704m = 2.31 feet (water)
1tsf = 0.958 bar = 13.9 psi
1m = 3.28 feet

Figure PPDT

Seismic Cone Penetration Testing (SCPT)

Seismic Cone Penetration Testing (SCPT) can be conducted at various intervals during the Cone Penetration Test. Shear wave velocity (Vs) can then be calculated over a specified interval with depth. A small interval for seismic testing, such as 1-1.5m (3-5ft) allows for a detailed look at the shear wave profile with depth. Conversely, a larger interval such as 3-6m (10-20ft) allows for a more average shear wave velocity to be calculated. Gregg Drilling's cones have a horizontally active geophone located 0.2m (0.66ft) behind the tip.

To conduct the seismic shear wave test, the penetration of the cone is stopped and the rods are decoupled from the rig. An automatic hammer is triggered to send a shear wave into the soil. The distance from the source to the cone is calculated knowing the total depth of the cone and the horizontal offset distance between the source and the cone. To calculate an interval velocity, a minimum of two tests must be performed at two different depths. The arrival times between the two wave traces are compared to obtain the difference in time (Δt). The difference in depth is calculated (Δd) and velocity can be determined using the simple equation: v = Δd/Δt

Multiple wave traces can be recorded at the same depth to improve quality of the data.

A complete reference on seismic cone penetration tests is presented by Robertson et al. 1986 and Lunne et al. 1997.

A summary the shear wave velocities, arrival times and wave traces are provided with the report.

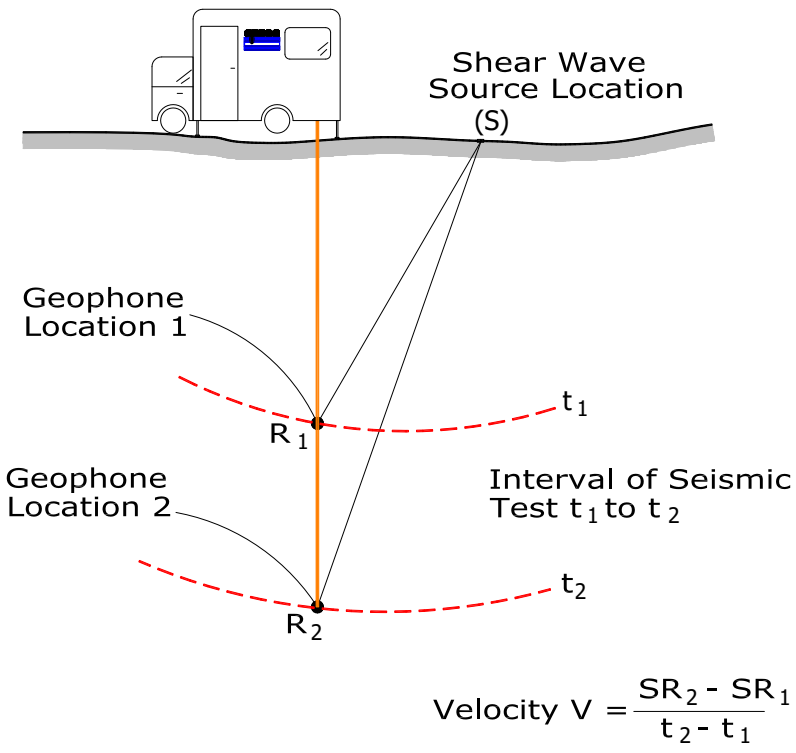


Figure SCPT

GREGG DRILLING, LLC
WWW.GREGGDRILLING.COM

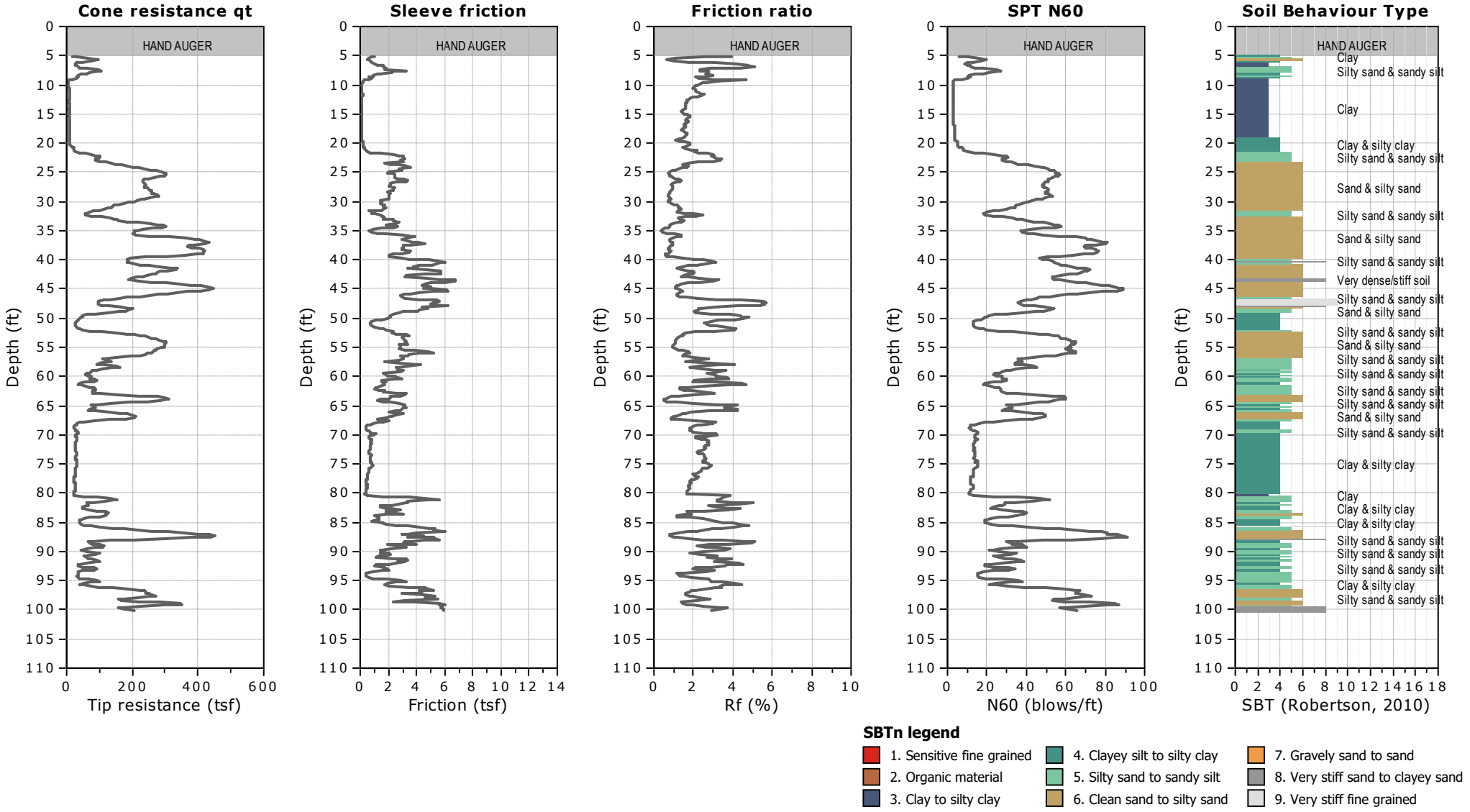
CPT: SCPT-1

CLIENT: HALEY & ALDRICH

SITE: 101 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 100.07 ft, Date: 3/14/2022



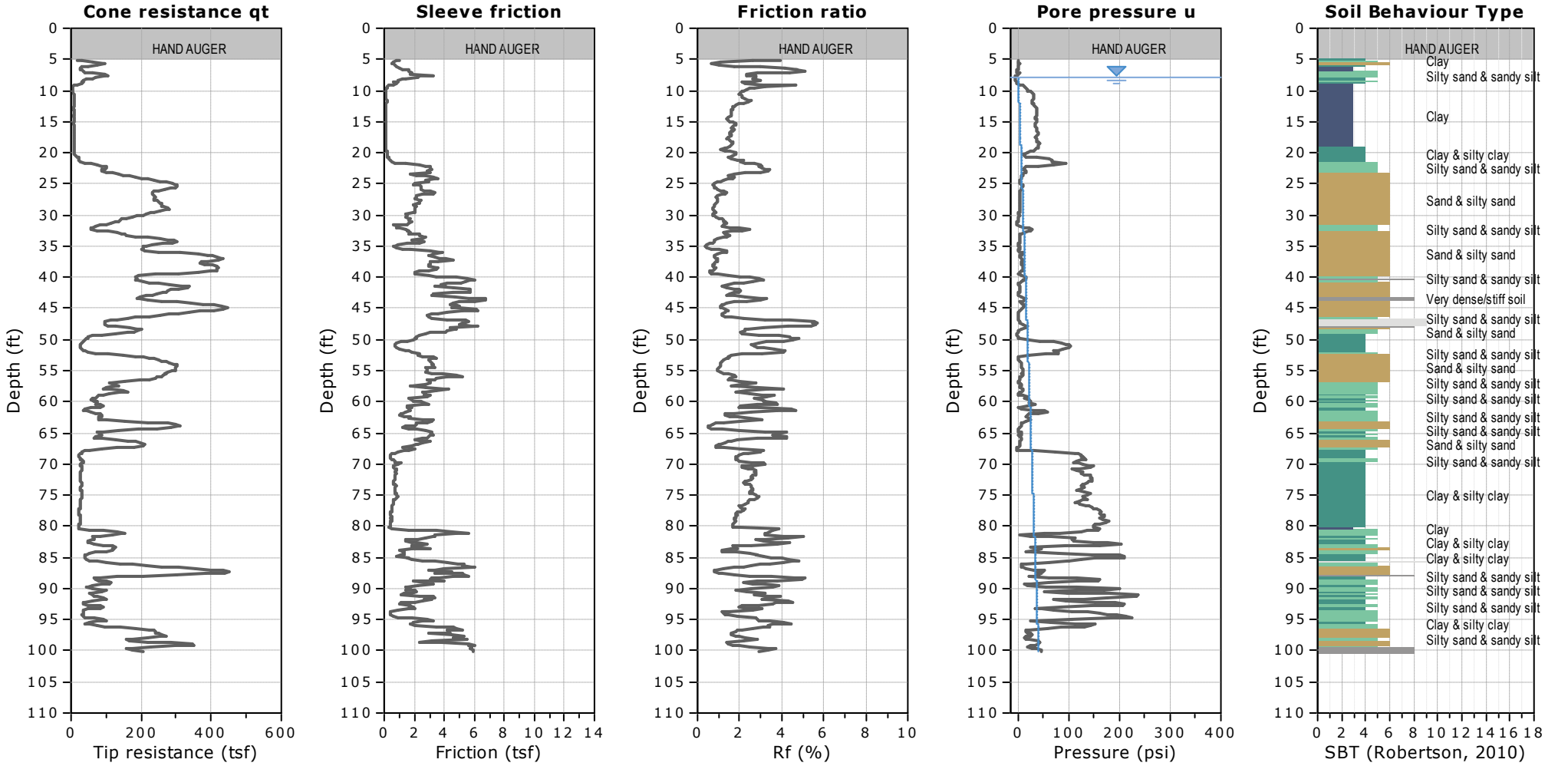
CPT: SCPT-1

CLIENT: HALEY & ALDRICH

SITE: 101 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 100.07 ft, Date: 3/14/2022



WATER TABLE FOR ESTIMATING PURPOSES ONLY

GREGG DRILLING, LLC
WWW.GREGGDRILLING.COM

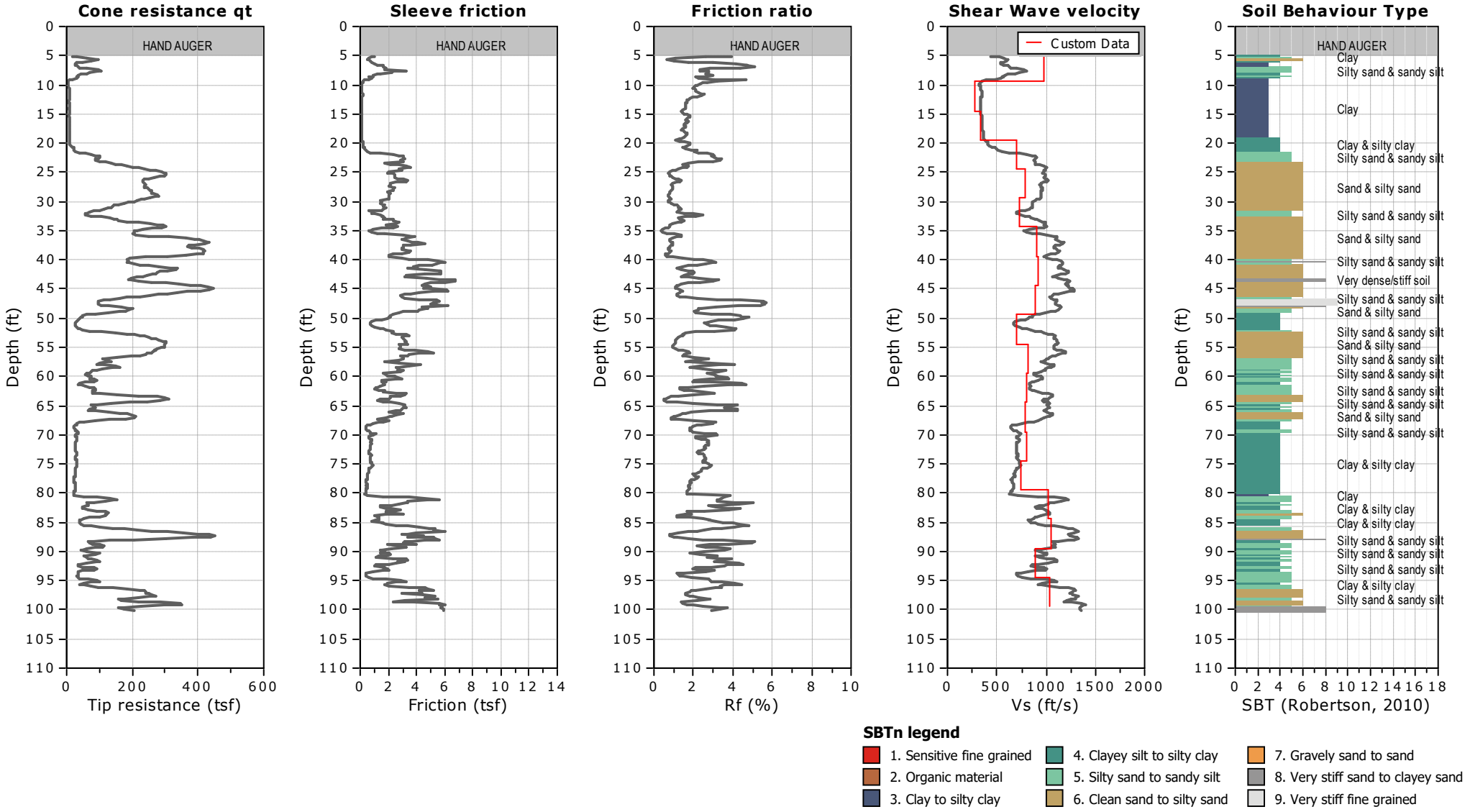
CPT: SCPT-1

CLIENT: HALEY & ALDRICH

SITE: 101 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 100.07 ft, Date: 3/14/2022



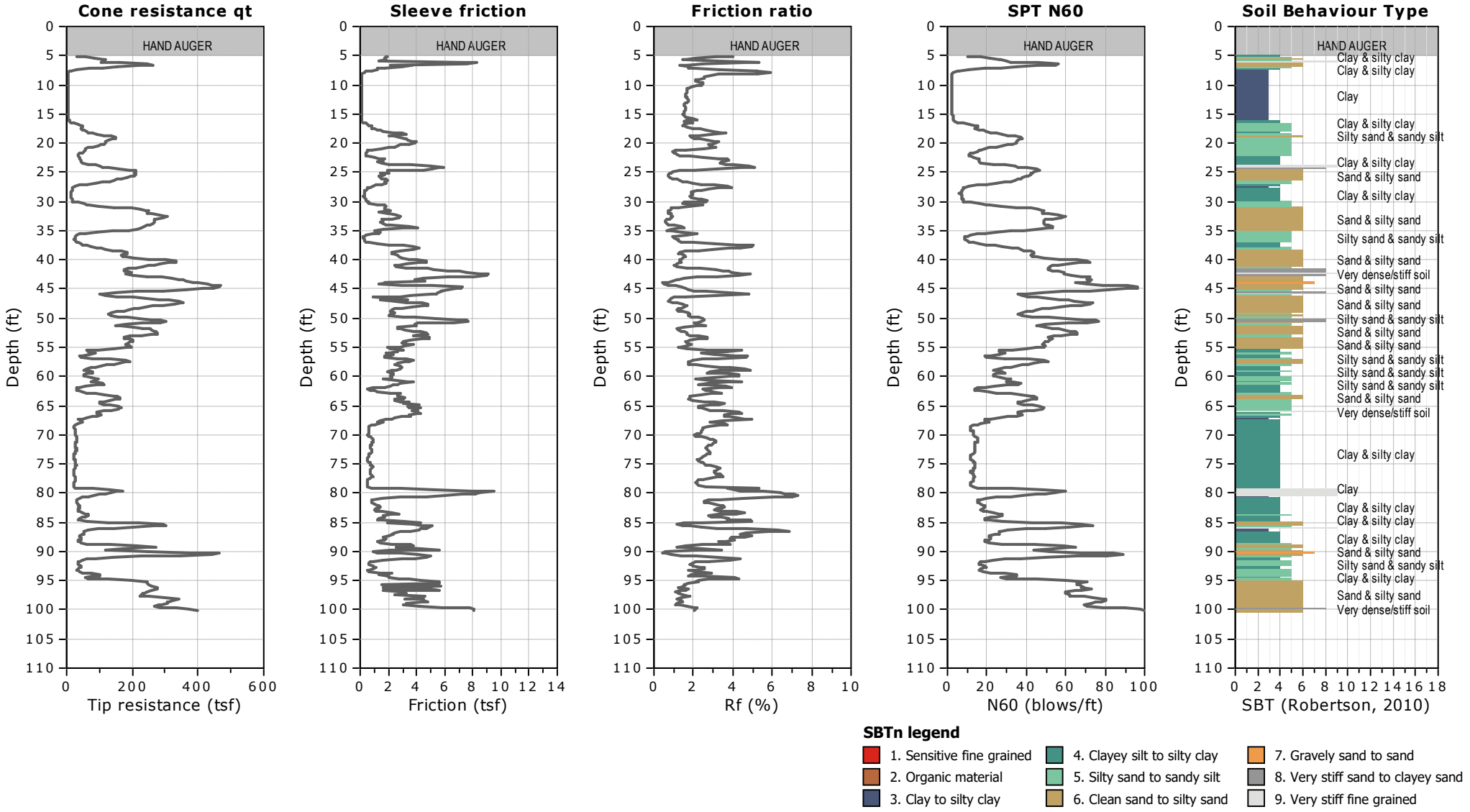
CPT: CPT-2

CLIENT: HALEY & ALDRICH

SITE: 101 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 100.07 ft, Date: 3/15/2022



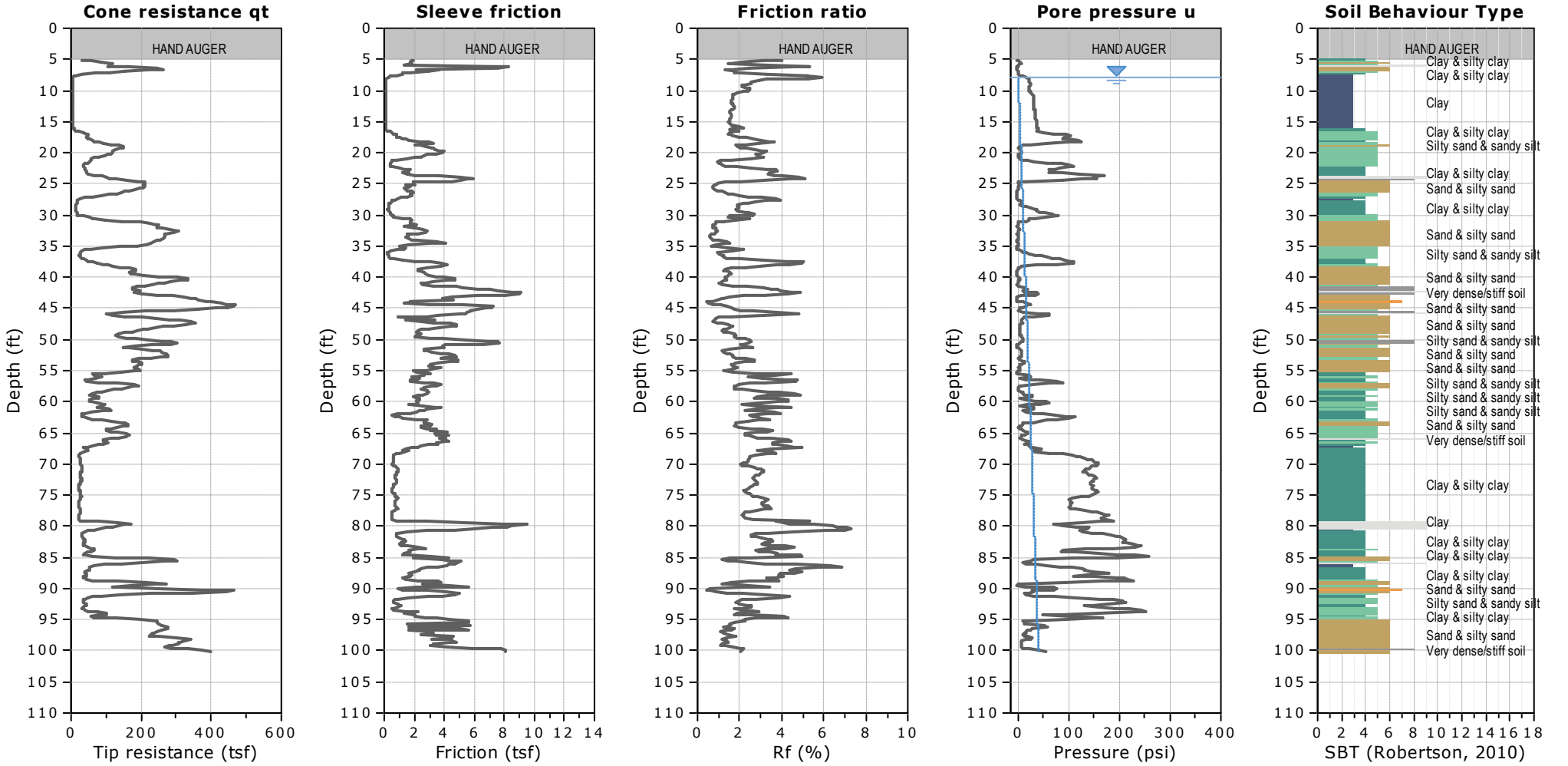
CPT: CPT-2

CLIENT: HALEY & ALDRICH

SITE: 101 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 100.07 ft, Date: 3/15/2022



WATER TABLE FOR ESTIMATING PURPOSES ONLY

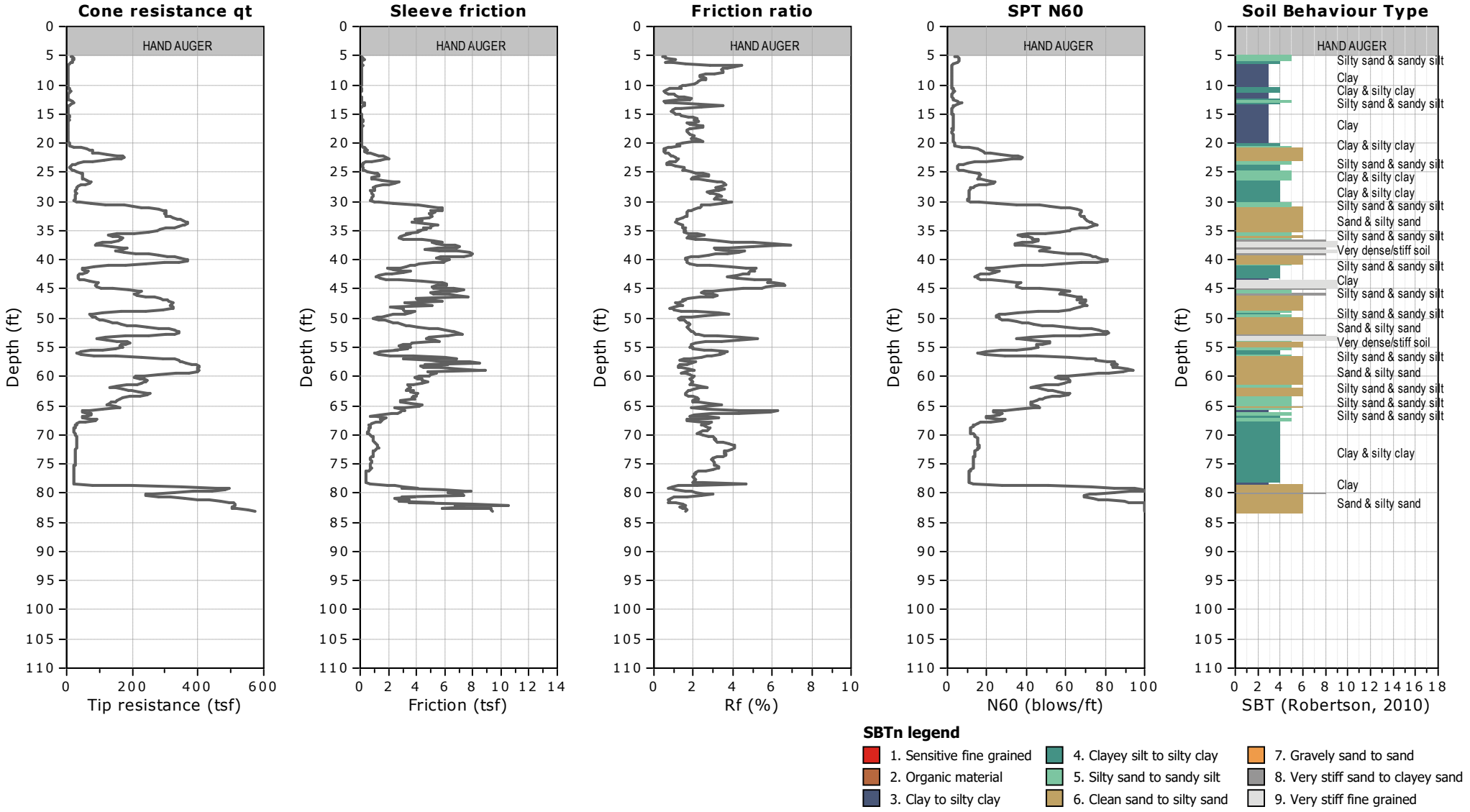
CPT: CPT-3

CLIENT: HALEY & ALDRICH

SITE: 101 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 83.01 ft, Date: 3/15/2022



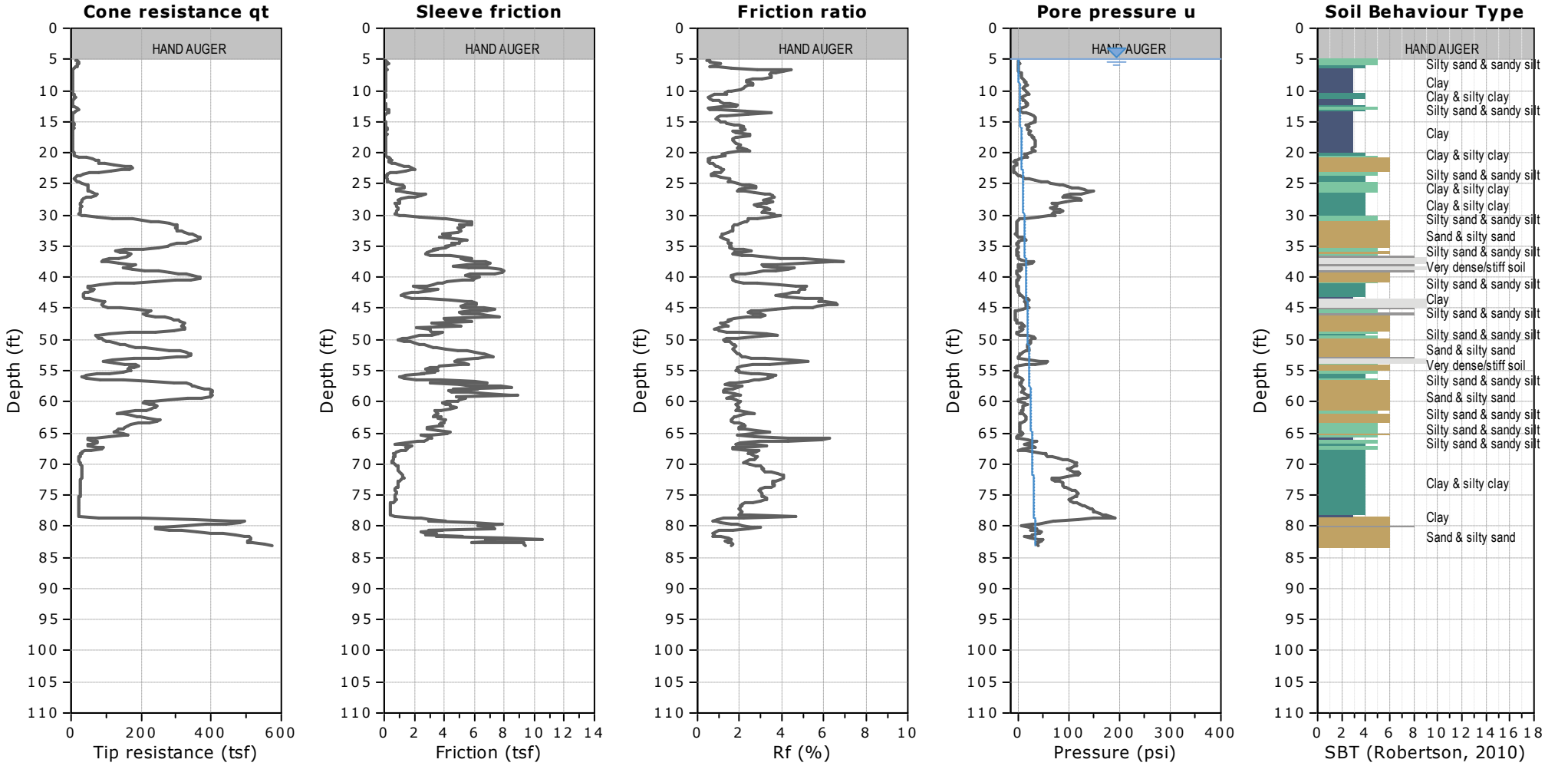
CPT: CPT-3

CLIENT: HALEY & ALDRICH

SITE: 101 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 83.01 ft, Date: 3/15/2022



SBTn legend

1. Sensitive fine grained	4. Clayey silt to silty clay	7. Gravely sand to sand
2. Organic material	5. Silty sand to sandy silt	8. Very stiff sand to clayey sand
3. Clay to silty clay	6. Clean sand to silty sand	9. Very stiff fine grained

WATER TABLE FOR ESTIMATING PURPOSES ONLY

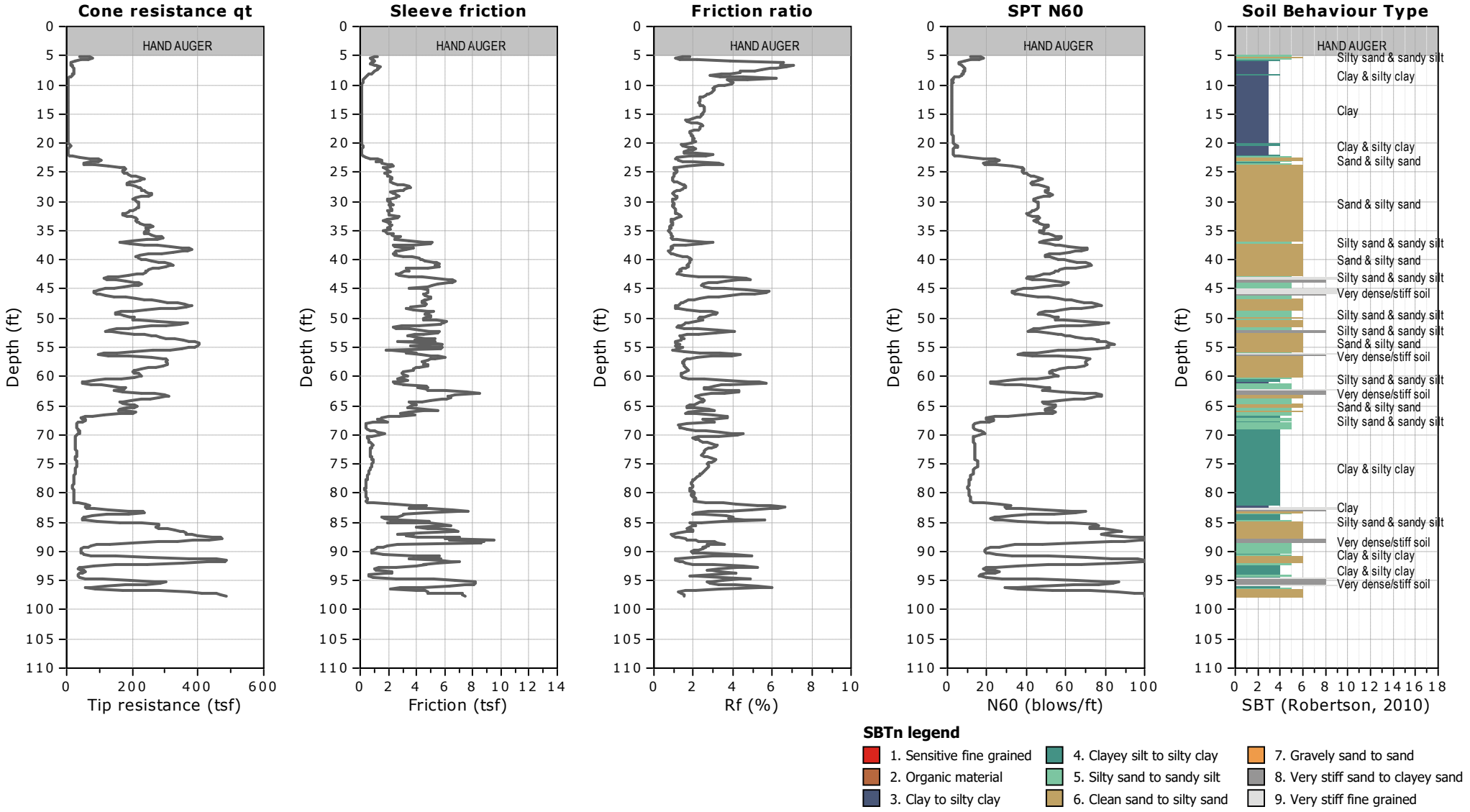
CPT: CPT-4

CLIENT: HALEY & ALDRICH

SITE: 101 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 97.60 ft, Date: 3/15/2022



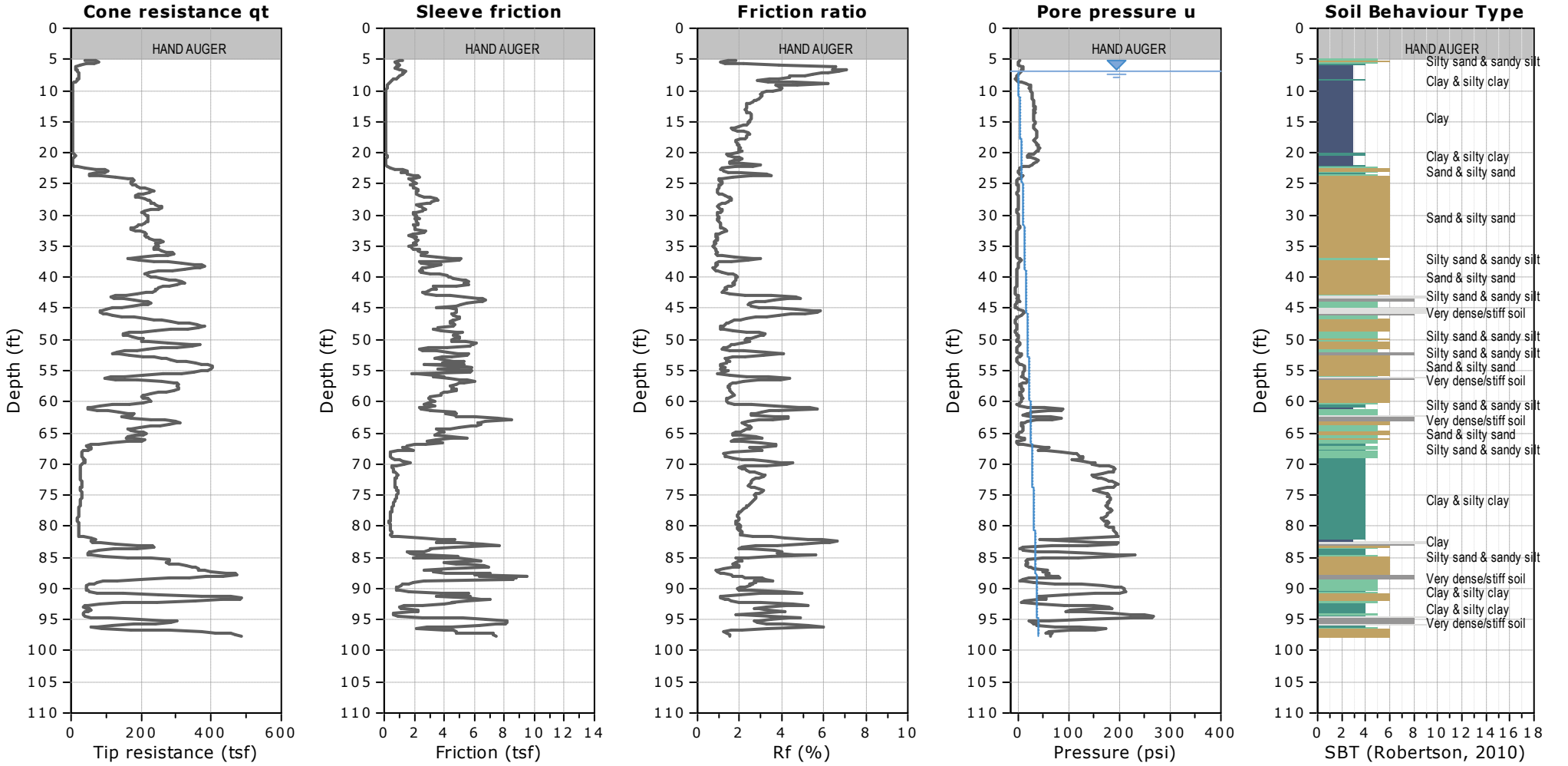
CPT: CPT-4

CLIENT: HALEY & ALDRICH

SITE: 101 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 97.60 ft, Date: 3/15/2022



SBTn legend

1. Sensitive fine grained	4. Clayey silt to silty clay	7. Gravely sand to sand
2. Organic material	5. Silty sand to sandy silt	8. Very stiff sand to clayey sand
3. Clay to silty clay	6. Clean sand to silty sand	9. Very stiff fine grained

WATER TABLE FOR ESTIMATING PURPOSES ONLY

GREGG DRILLING, LLC
WWW.GREGGDRILLING.COM

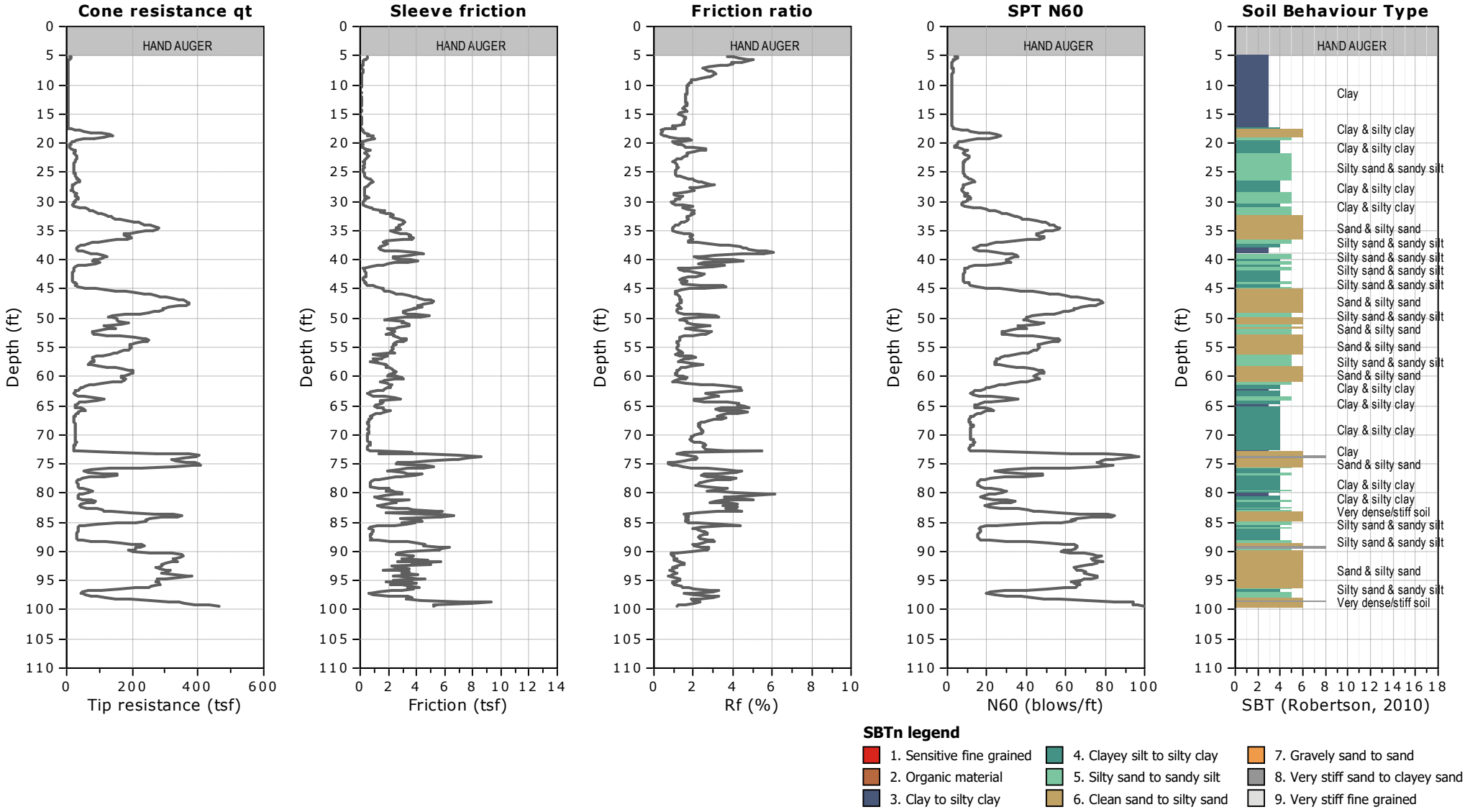
CPT: SCPT-2

CLIENT: HALEY & ALDRICH

SITE: 131 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 99.41 ft, Date: 3/14/2022



GREGG DRILLING, LLC
WWW.GREGGDRILLING.COM

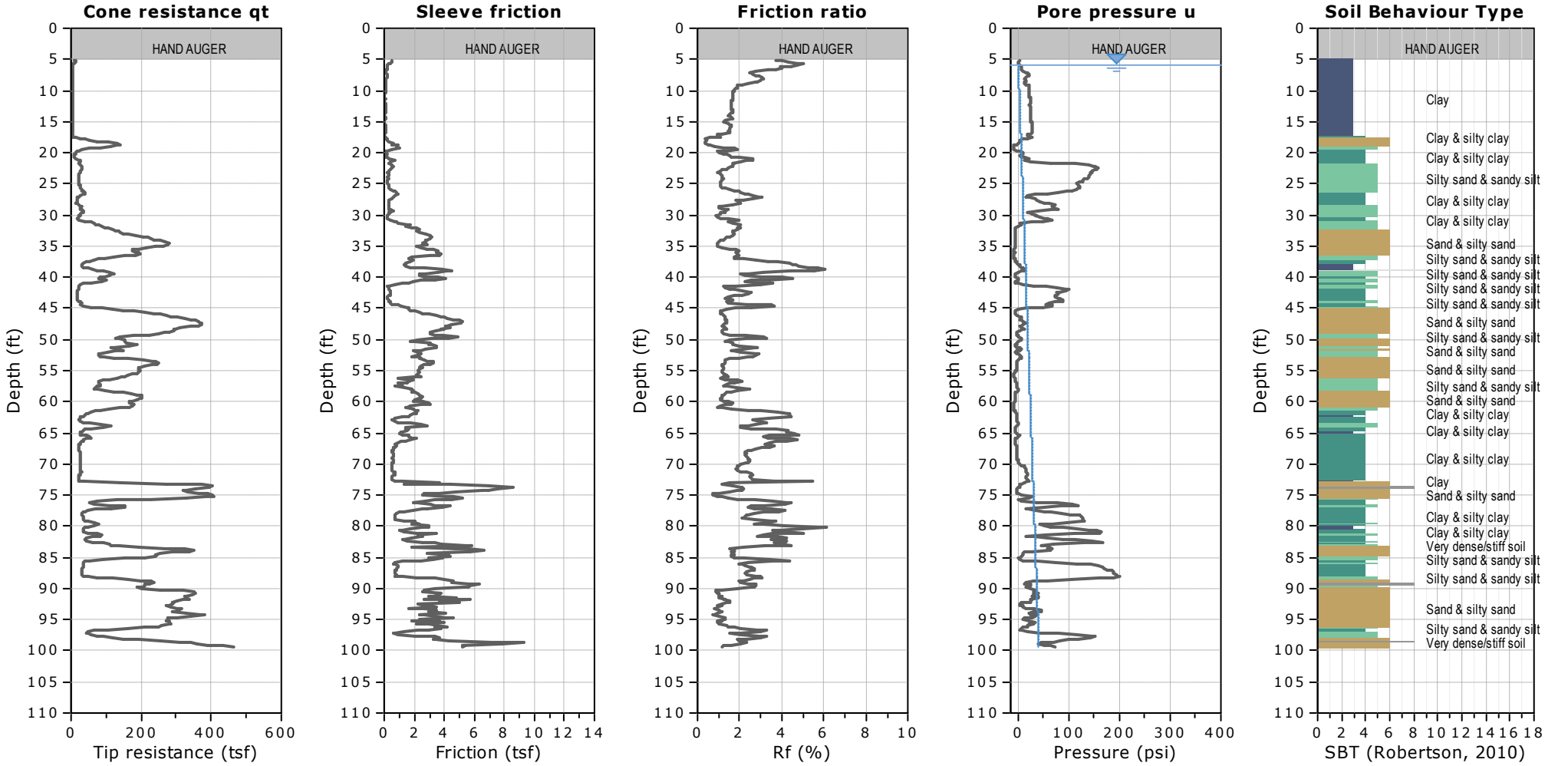
CPT: SCPT-2

CLIENT: HALEY & ALDRICH

SITE: 131 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89

Total depth: 99.41 ft, Date: 3/14/2022



SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty clay
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to clayey sand
9. Very stiff fine grained

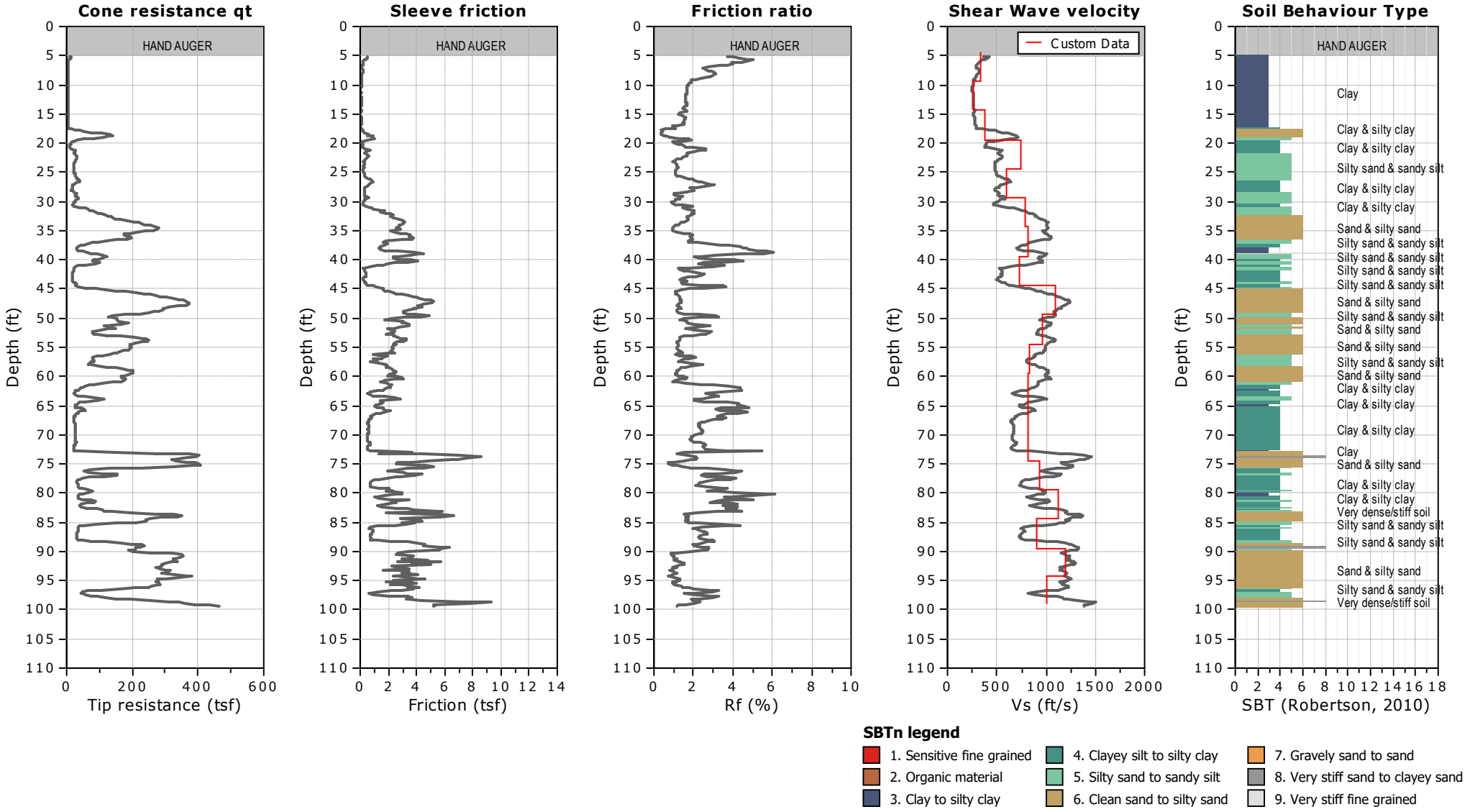
WATER TABLE FOR ESTIMATING PURPOSES ONLY

GREGG DRILLING, LLC
WWW.GREGGDRILLING.COM

CPT: SCPT-2

CLIENT: HALEY & ALDRICH
SITE: 131 TERMINAL CT, SOUTH SAN FRANCISCO, CA

FIELD REP: RATI
Cone ID: GDC-89
Total depth: 99.41 ft, Date: 3/14/2022



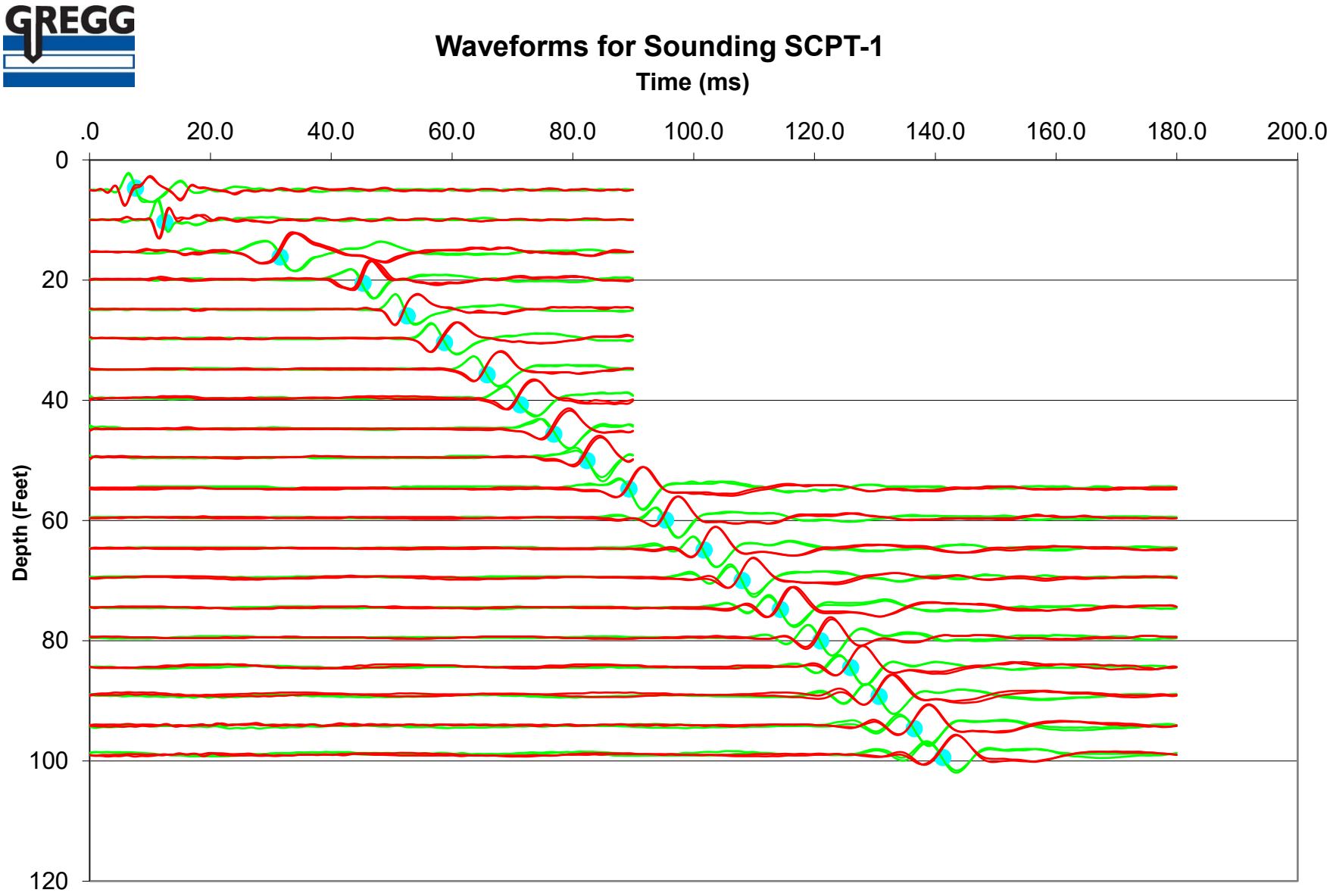
Shear Wave Velocity Calculations

101 Terminal Ct
SCPT-1
SCPT-1

Geophone Offset: 0.66 Feet
Source Offset: 1.67 Feet

03/14/22

Test Depth (Feet)	Geophone Depth (Feet)	Waveform Ray Path (Feet)	Incremental Distance (Feet)	Characteristic Arrival Time (ms)	Incremental Time Interval (ms)	Interval Velocity (Ft/Sec)	Interval Depth (Feet)
5.09	4.43	4.73	4.73	7.5500			
10.01	9.35	9.49	4.76	12.4000	4.8500	982.4	6.89
15.42	14.76	14.85	5.36	31.3500	18.9500	282.8	12.05
20.01	19.35	19.42	4.57	44.9500	13.6000	336.1	17.06
25.10	24.44	24.50	5.07	52.2000	7.2500	699.4	21.90
30.02	29.36	29.41	4.91	58.4000	6.2000	792.2	26.90
35.10	34.44	34.49	5.08	65.4000	7.0000	725.5	31.90
40.03	39.37	39.40	4.92	70.8500	5.4500	902.1	36.91
45.11	44.45	44.48	5.08	76.3500	5.5000	923.9	41.91
50.03	49.37	49.40	4.92	81.8500	5.5000	894.2	46.91
55.12	54.46	54.48	5.08	89.0500	7.2000	705.9	51.92
60.04	59.38	59.40	4.92	95.0500	6.0000	819.9	56.92
65.12	64.46	64.49	5.08	101.4000	6.3500	800.5	61.92
70.05	69.39	69.41	4.92	107.6500	6.2500	787.2	66.93
75.13	74.47	74.49	5.08	114.0000	6.3500	800.6	71.93
80.05	79.39	79.41	4.92	120.6000	6.6000	745.5	76.93
85.14	84.48	84.49	5.08	125.6000	5.0000	1016.8	81.93
90.06	89.40	89.41	4.92	130.3000	4.7000	1046.9	86.94
95.14	94.48	94.50	5.08	136.0500	5.7500	884.3	91.94
100.07	99.41	99.42	4.92	140.8000	4.7500	1035.9	96.94


GREGG
Waveforms for Sounding SCPT-1
Time (ms)
.0
20.0
40.0
60.0
80.0
100.0
120.0
140.0
160.0
180.0
200.0
Depth (Feet)
0
20
40
60
80
100
120

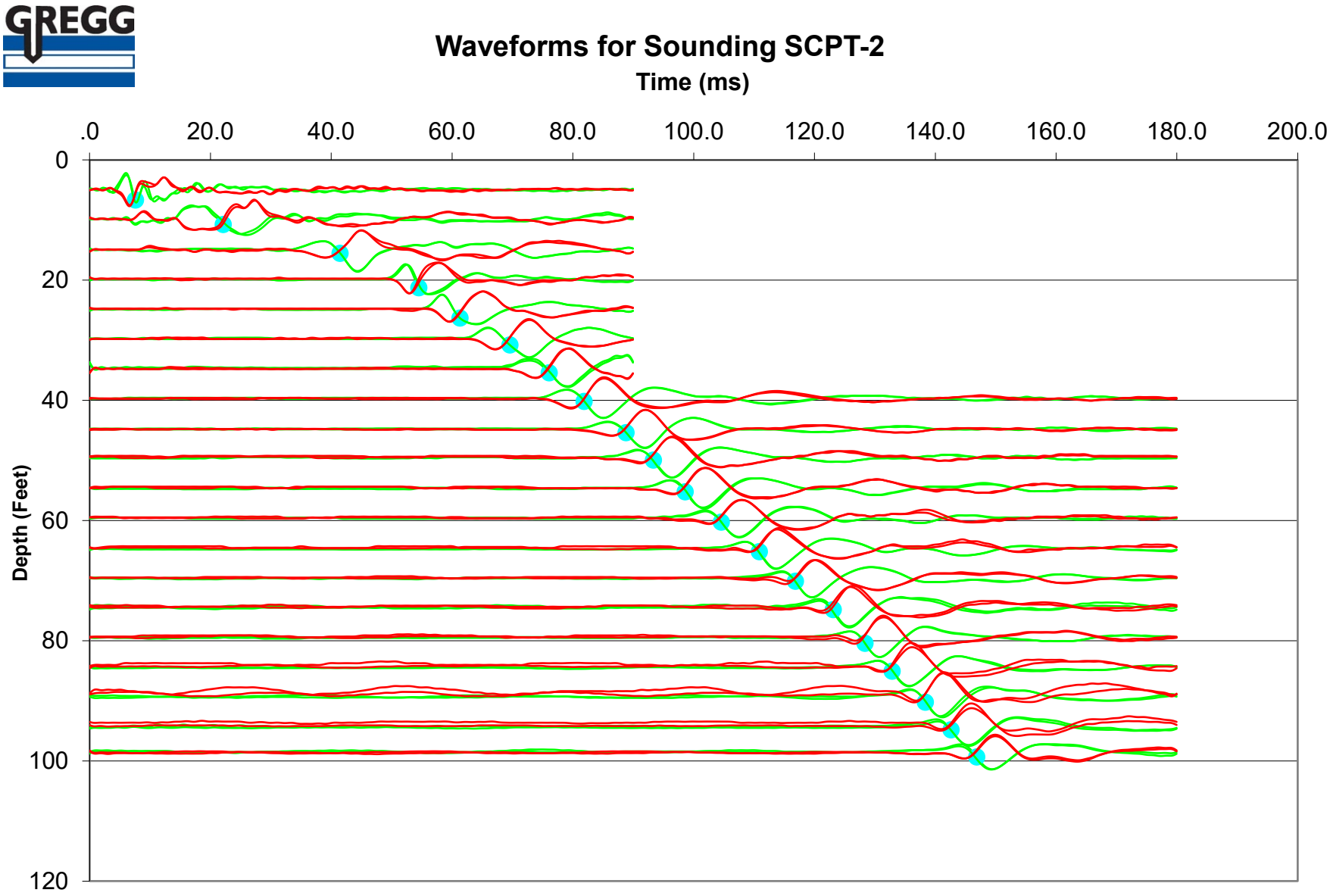
Shear Wave Velocity Calculations

131 Terminal Ct
SCPT-2
SCPT-2

Geophone Offset: 0.66 Feet
Source Offset: 1.67 Feet

03/14/22

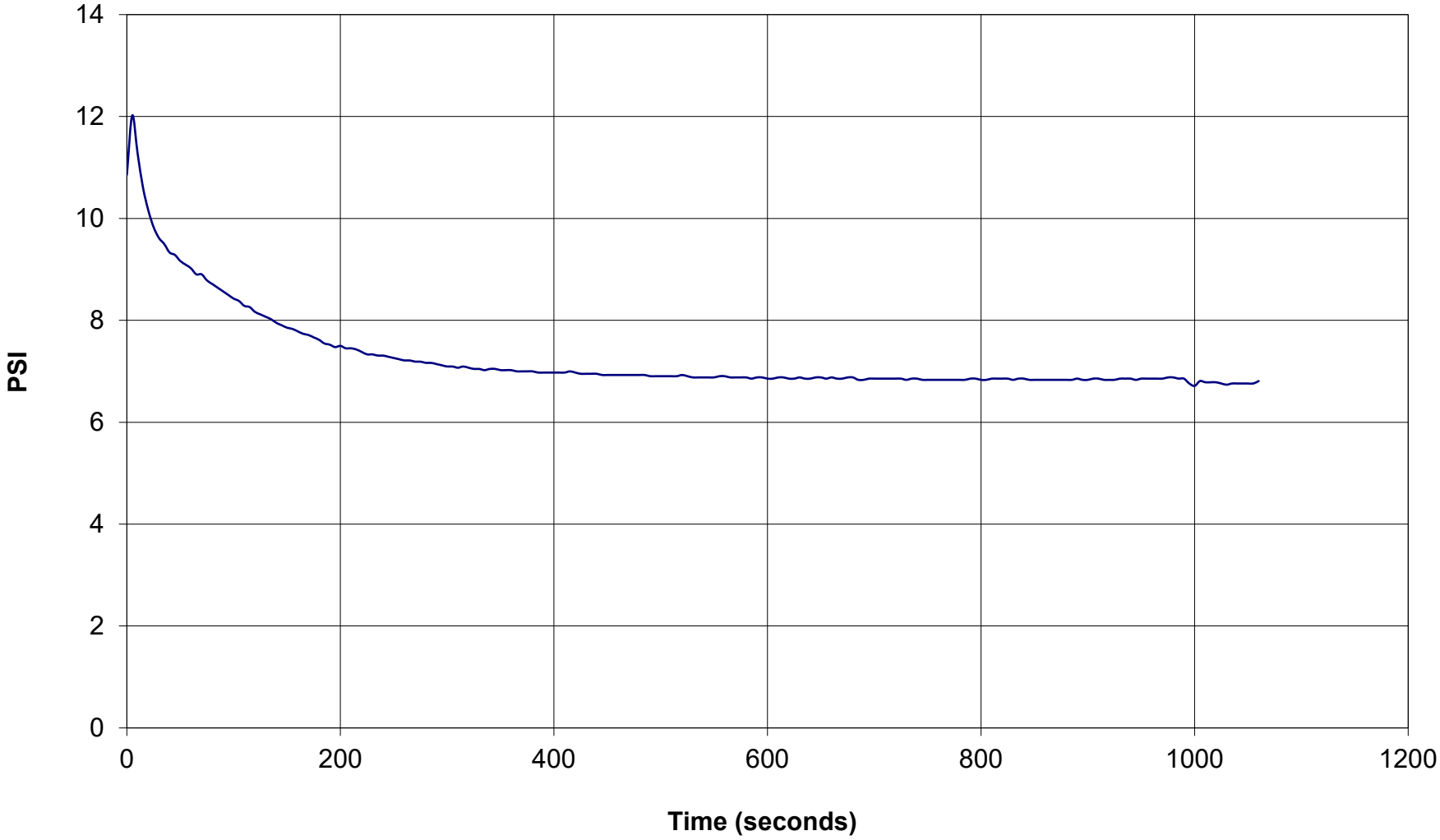
Test Depth (Feet)	Geophone Depth (Feet)	Waveform Ray Path (Feet)	Incremental Distance (Feet)	Characteristic Arrival Time (ms)	Incremental Time Interval (ms)	Interval Velocity (Ft/Sec)	Interval Depth (Feet)
5.09	4.43	4.73	4.73	7.5500			
10.01	9.35	9.49	4.76	22.0000	14.4500	329.7	6.89
15.09	14.43	14.53	5.03	41.2000	19.2000	262.2	11.89
20.01	19.35	19.42	4.90	54.1500	12.9500	378.1	16.89
25.10	24.44	24.50	5.07	60.9000	6.7500	751.2	21.90
30.02	29.36	29.41	4.91	69.1500	8.2500	595.4	26.90
35.10	34.44	34.49	5.08	75.6000	6.4500	787.3	31.90
40.03	39.37	39.40	4.92	81.6000	6.0000	819.4	36.91
45.11	44.45	44.48	5.08	88.5500	6.9500	731.1	41.91
50.03	49.37	49.40	4.92	93.0500	4.5000	1092.9	46.91
55.12	54.46	54.48	5.08	98.3000	5.2500	968.1	51.92
60.04	59.38	59.40	4.92	104.2500	5.9500	826.7	56.92
65.12	64.46	64.49	5.08	110.5000	6.2500	813.3	61.92
70.05	69.39	69.41	4.92	116.5000	6.0000	820.0	66.93
75.13	74.47	74.49	5.08	122.7000	6.2000	820.0	71.93
80.05	79.39	79.41	4.92	127.9500	5.2500	937.2	76.93
85.14	84.48	84.49	5.08	132.4500	4.5000	1129.8	81.93
90.06	89.40	89.41	4.92	137.9000	5.4500	902.8	86.94
95.14	94.48	94.50	5.08	142.1500	4.2500	1196.3	91.94
99.41	98.75	98.76	4.26	146.4000	4.2500	1003.4	96.62


GREGG
Waveforms for Sounding SCPT-2
Time (ms)
.0
20.0
40.0
60.0
80.0
100.0
120.0
140.0
160.0
180.0
200.0
Depth (Feet)
0
20
40
60
80
100
120

GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

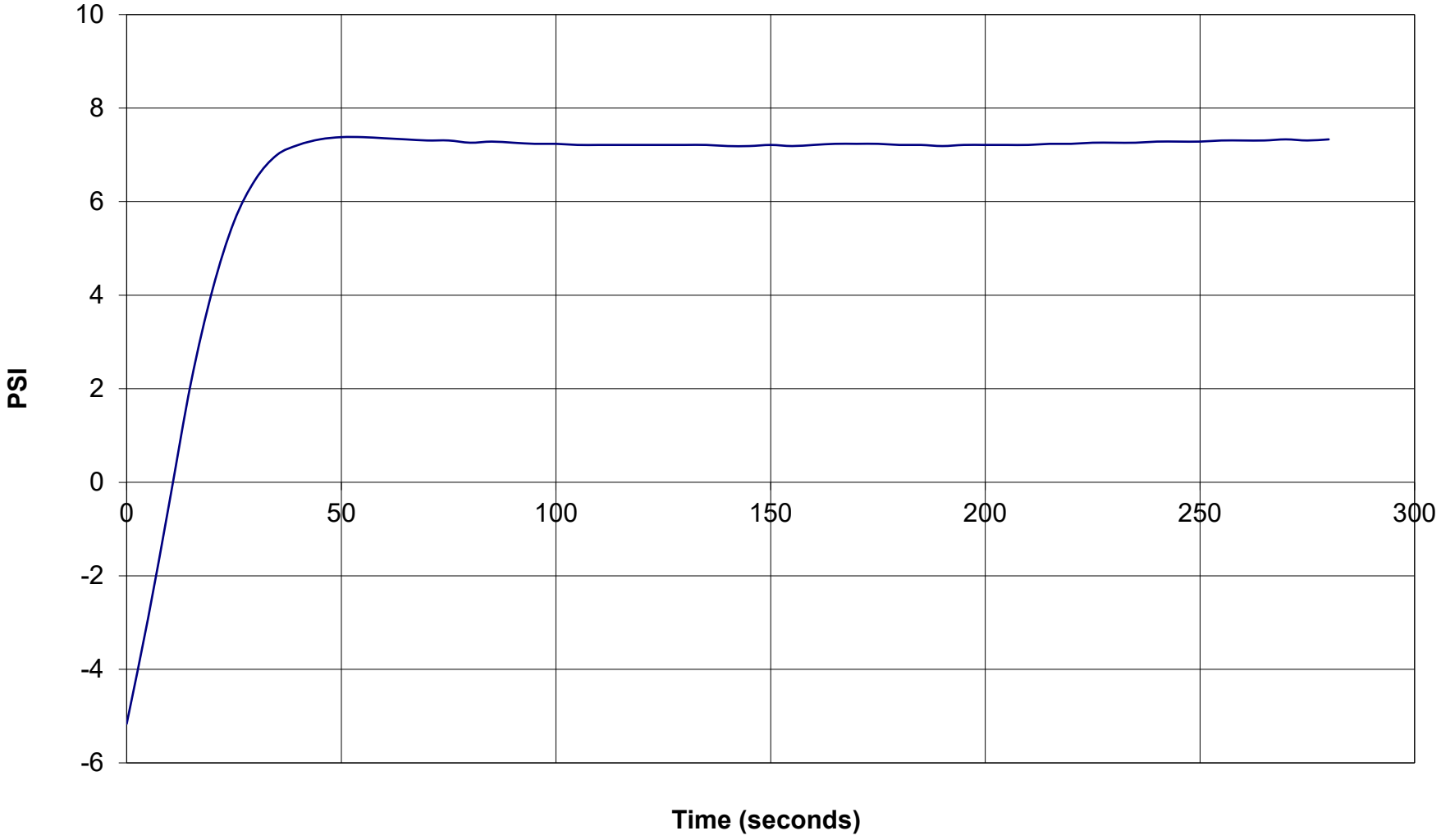
Sounding: SCPT-1
Depth (ft): 23.62
Site: 101 Terminal Ct
Engineer: Rati



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

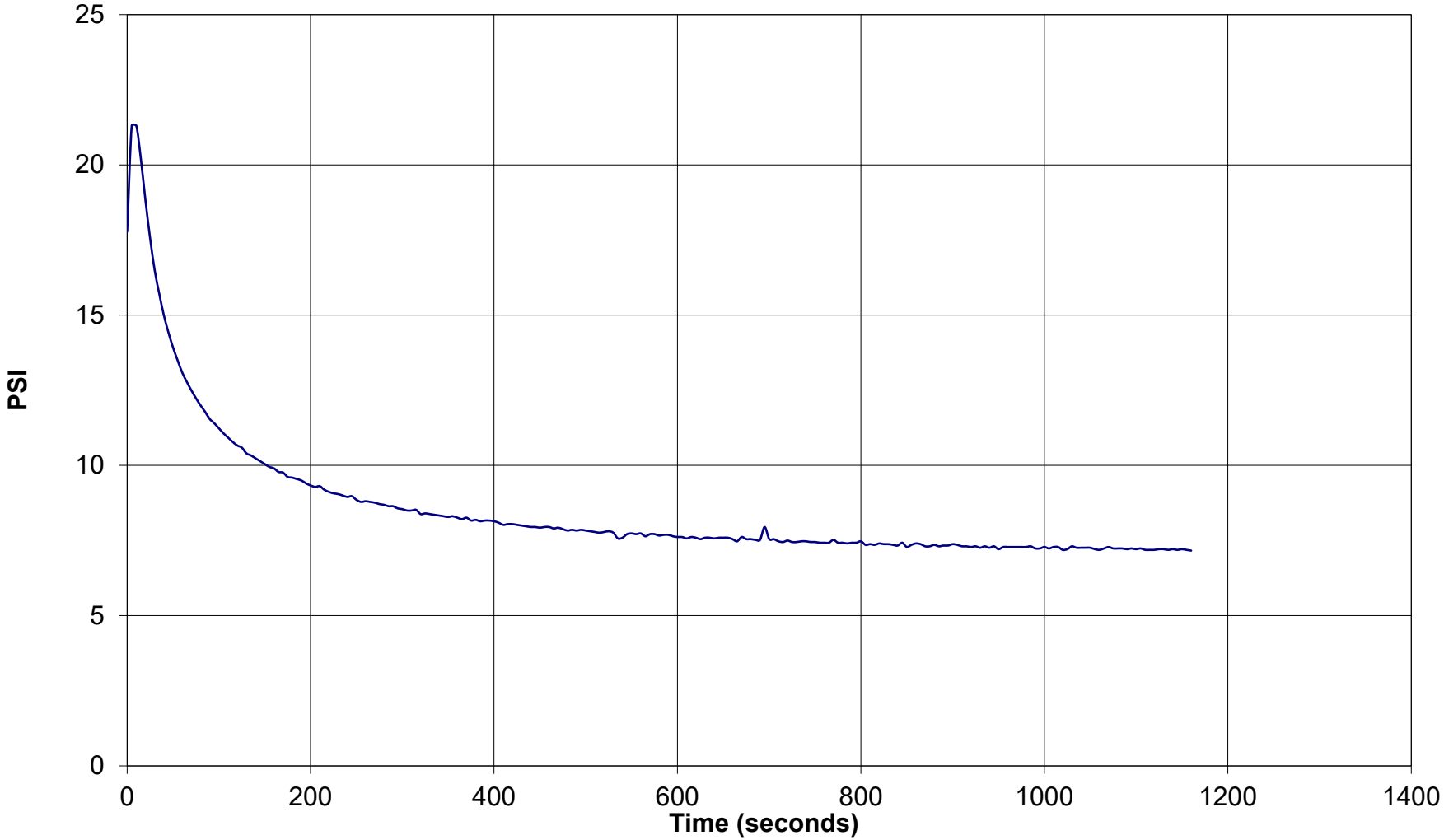
Sounding: CPT-2
Depth (ft): 24.93
Site: 101 Terminal Ct
Engineer: Rati



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

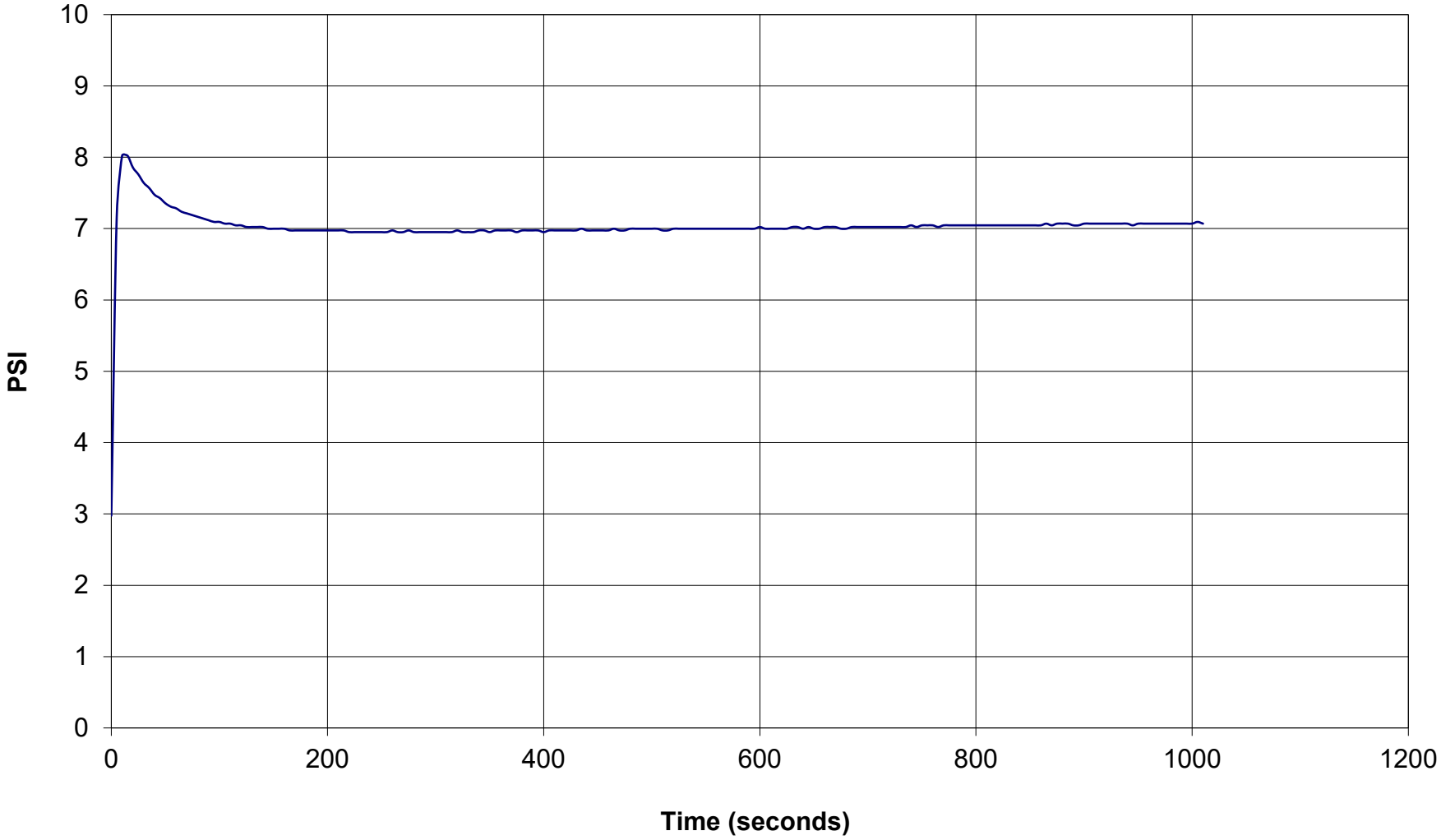
Sounding: CPT-3
Depth (ft): 21.33
Site: 101 Terminal Ct
Engineer: Rati



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

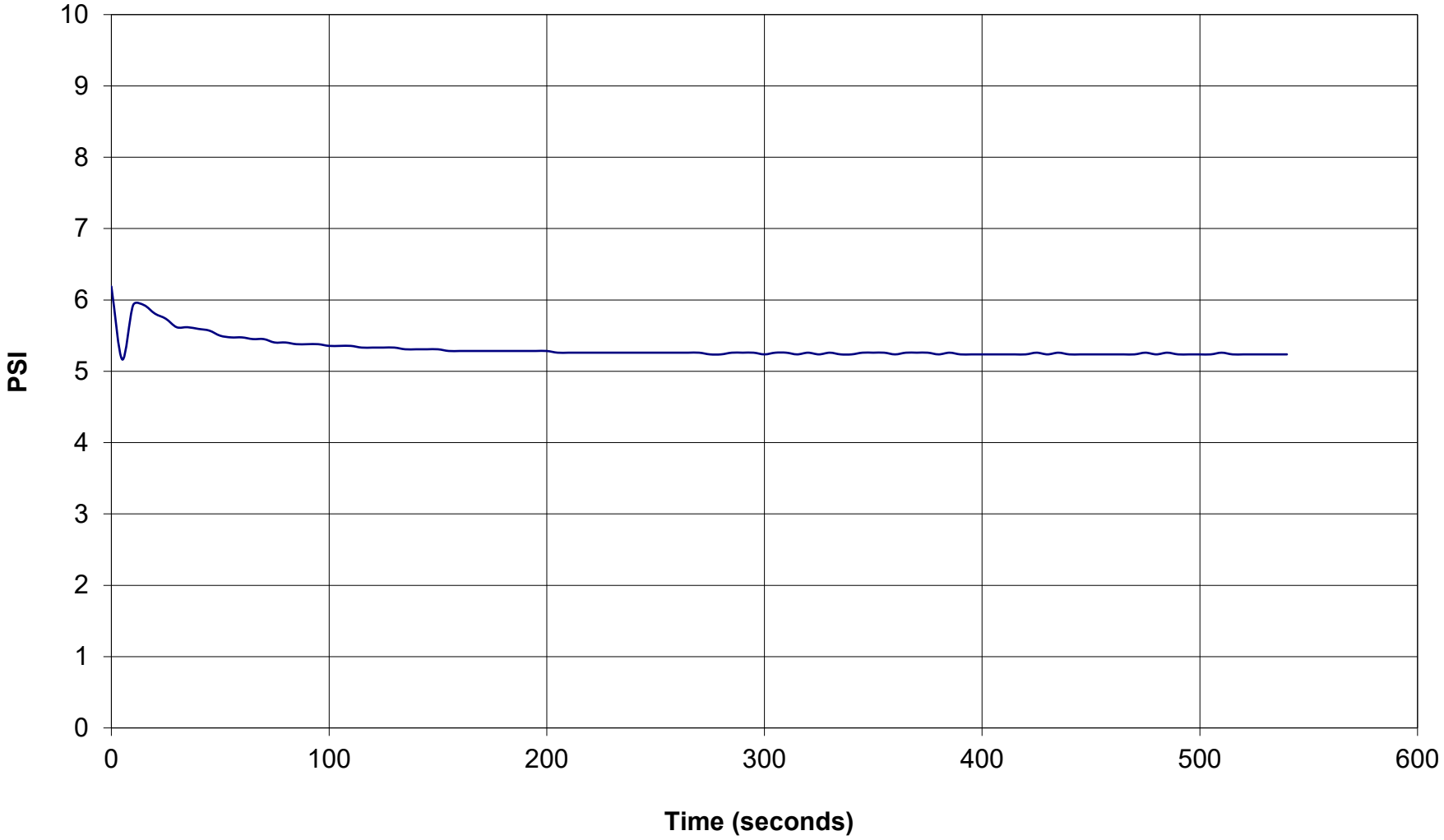
Sounding: CPT-4
Depth (ft): 23.29
Site: 101 Terminal Ct
Engineer: Rati



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: SCPT-2
Depth (ft): 18.54
Site: 131 Terminal Ct
Engineer: Rati



Appendix N:

Phase I and Phase II Environmental Site Assessments

HALEY ALDRICH

www.haleyaldrich.com

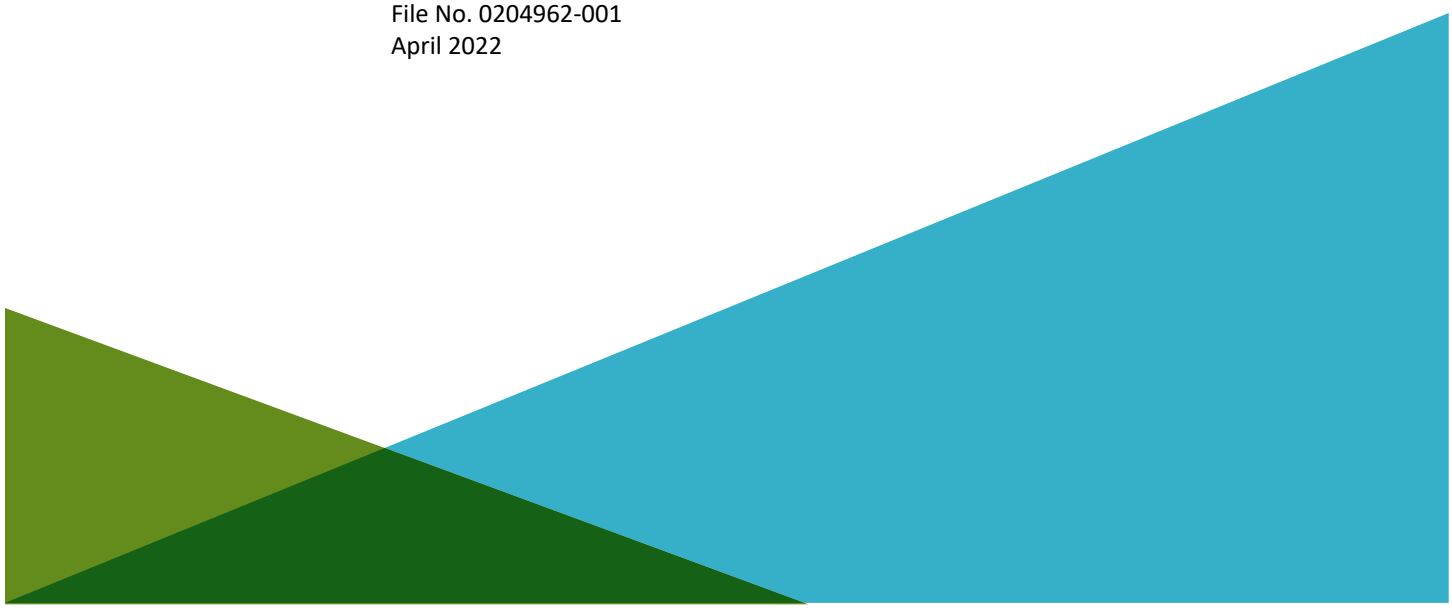
REPORT ON

ASTM PHASE I ENVIRONMENTAL SITE ASSESSMENT
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

by
Haley & Aldrich, Inc.
Walnut Creek, California

for
US Terminal Court Owner, LLC
Greenwood Village, Colorado

File No. 0204962-001
April 2022



HALEY & ALDRICH, INC.
2033 N. Main Street
Suite 309
Walnut Creek, CA 94596
925.949.1012

29 April 2022
File No. 0204962-001

US Terminal Court Owner, LLC
5660 Greenwood Plaza, Suite 110
Greenwood Village, Colorado 80111

Attention: Ms. Ianthe Schaub

Subject: ASTM Phase I Environmental Site Assessment
131 Terminal Court
South San Francisco, California

Ladies and Gentlemen:

The enclosed report presents the results of a Phase I Environmental Site Assessment (Phase I) conducted at the above-referenced property, located at 131 Terminal Court in South San Francisco, California (herein referred to as the "Subject Property"). This work was performed by Haley & Aldrich, Inc. (Haley & Aldrich), in accordance with our proposal to SteelWave, LLC dated ("Agreement") as authorized on 6 March 2022. This Phase I was conducted in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process as referenced in 40 Code of Federal Regulations (CFR) Part 312 (the All Appropriate Inquiries [AAI] Rule).

The objective of a Phase I is to assess whether known and suspect "recognized environmental conditions" (REC), historical RECs (HREC), or controlled RECs (CREC) are associated with the Subject Property, as defined in the ASTM E 1527-13 Standard.

This Phase I has revealed evidence of one CREC associated with the Subject Property.

Thank you for the opportunity to perform these services for you. Please do not hesitate to contact us if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.

Maggie Bradshaw
Environmental Scientist

Brooke Mellin, P.G.
Assistant Project Manager

Enclosures

Executive Summary

Haley & Aldrich, Inc. (Haley & Aldrich) has performed a Phase I Environmental Site Assessment (Phase I) of the 131 Terminal Court property in South San Francisco, California (herein referred to as the "Subject Property"). The scope of work is described and conditioned by our proposal dated 11 February 2022. This Phase I was performed for US Terminal Court Owner, LLC in support of the potential acquisition of the Subject Property. This Phase I was performed in conformance with the scope and limitations of the ASTM E 1527-13 Standard and All Appropriate Inquiries (AAI) Rule.[1]

SUBJECT PROPERTY DESCRIPTION

The Subject Property consists of a single parcel totaling approximately 17.67 acres and is developed with two warehouse buildings and a smaller administrative building. The Subject Property is currently owned by Golden Gate Produce and is occupied by approximately 25 wholesale produce tenants. The warehouses are open to the public as well as wholesale distributers. The warehouse is surrounded by asphalt-paved parking and loading areas.

OBJECTIVE

The objective of a Phase I is to assess whether "recognized environmental conditions" (REC), historical RECs (HREC), and controlled RECs (CREC) are associated with the Subject Property. Our conclusions are intended to help the user evaluate the "business environmental risk" associated with the Subject Property. Our opinion regarding a REC's potential impact on the Subject Property is based on the scope of our work, the information obtained during the course of our work, the conditions prevailing at the time our work was performed, the applicable regulatory requirements in effect at the time our work was performed, our experience evaluating similar sites, and on our understanding of the client's intention to purchase the Subject Property.

RECOGNIZED ENVIRONMENTAL CONDITIONS

The ASTM E 1527-13 Standard defines a REC in part as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

Our opinion regarding a REC's potential impact on the Subject Property is based on the scope of our work, the information obtained during the course of our work, the conditions prevailing at the time our work was performed, the applicable regulatory requirements in effect at the time our work was performed, our experience evaluating similar sites, and on our understanding of the client's intended use for the Subject Property.

RECs were not identified in connection with the Subject Property.

[1] American Society for Testing and Materials (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process as referenced in 40 Code of Federal Regulations (CFR) Part 312 (the All Appropriate Inquiries [AAI] Rule) ("ASTM E 1527-13 Standard"). Specified terms as are used in ASTM E 1527-13 are highlighted in blue in this report and defined in the Glossary at the end of the report text.

CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

The ASTM E 1527-13 Standard defines a CREC as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

The following CREC was identified in connection with the Subject Property.

CREC #1: Leaking Underground Storage Tank (LUST) Case Closure with Residual Hydrocarbon-Impacted Soil and Groundwater

The northern portion of the Subject Property was formerly a commercial fueling facility operated by Nella Oil Company, which consisted of two dispenser islands and three underground storage tanks (USTs; one diesel and two gasoline). In 1998, soil and groundwater were found to be impacted with hydrocarbons, and several investigation, monitoring, and remedial activities were conducted between 1998 and 2012. In 2012, three USTs (one containing diesel and two containing gasoline) and associated petroleum hydrocarbon-impacted soil were removed and excavated from the Subject Property. In 2014, San Mateo County Health, Environmental Health Services Division (SMCEH) issued a case closure letter for the Subject Property, although hydrocarbon-impacted soil and groundwater were allowed to remain at the property in the vicinity of the former fueling facility under Low-Threat UST Case Closure Policy (LTCP). Grab groundwater sampling results from the closure document indicate concentrations of total petroleum hydrocarbons as gasoline (TPHg) up to 51,000 micrograms per liter (µg/L), total petroleum hydrocarbons as diesel (TPHd) up to 4,500 µg/L, and benzene up to 2,800 µg/L from soil borings located at the northern end of the Subject Property, directly downgradient of the former UST area. These concentrations exceed both Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) and applicable commercial/industrial ESLs. Proposed future redevelopment, change of land use, or removal of soil and/or groundwater from the Subject Property will require a notification to the SMCEH.

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

The ASTM E 1527-13 Standard defines an HREC as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

HRECs were not identified in connection with the Subject Property.

DE MINIMIS CONDITIONS

The ASTM E 1527-13 Standard defines *de minimis* conditions as those conditions which "do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies." The ASTM E 1527-13 Standard notes that "conditions determined to be *de minimis* are not recognized environmental conditions."

De minimis conditions were not identified in connection with the Subject Property.

POTENTIAL ENVIRONMENTAL CONCERNS

The following potential environmental concern was identified in connection with the Subject Property.

Potential Environmental Concern #1: Kinder Morgan Product Pipeline Easement

An easement for an active non-highly volatile liquids (HVL) product pipeline operated by Kinder Morgan is located along the eastern side of the Subject Property (Figure 2). Although no documented releases were found during this Phase I, there is a potential for future releases to impact the Subject Property.

SUMMARY AND RECOMMENDATIONS

In summary, we identified one HREC during this Phase I.

The remainder of this report contains additional information regarding the Phase I, the resulting findings summarized above, and limitations affecting this report.

\\haleyaldrich.com\share\CF\Projects\0204962\Deliverables\Environmental_Info\Phase I\2022_0429_131Terminal_PhaseI_F.docx

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E	Site Photographs

1. Introduction

This report presents the results of an ASTM Phase I Environmental Site Assessment (Phase I) conducted at 131 Terminal Court in South San Francisco, California (herein referred to as the "Subject Property"; Figure 1). The approximately 17.6-acre Subject Property is developed with two large warehouse structures and three smaller structures surrounded by asphalt-paved parking areas (Figure 2). The Subject Property is currently owned and operated by Golden Gate Produce Terminal, a produce wholesaler and distributer. This Phase I was conducted in consideration of US Terminal Court Owner, LLC's intention to purchase the property.

1.1 OBJECTIVE

The objective of a Phase I is to assess whether "recognized environmental conditions" (REC), historical RECs (HREC), and controlled RECs (CREC) are associated with the Subject Property by evaluating site history, interviews, existing observable conditions, current site use, and current and former uses of adjoining properties as well as potential releases at surrounding properties that may impact the Subject Property. Our conclusions are intended to help the user evaluate the "business environmental risk" associated with the Subject Property.

RECs are defined in the ASTM E 1527-13 Standard as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment." The definitions of RECs, HRECs, and CRECs are included in the Glossary section of this report.

1.2 SCOPE OF SERVICES

This work was performed by Haley & Aldrich, Inc. (Haley & Aldrich) and this Phase I was performed in conformance with the scope and limitations of the ASTM E 1527-13 Standard and All Appropriate Inquiries (AAI) Rule[2] and in accordance with our proposal to SteelWave, LLC dated ("Agreement") as authorized on 6 March 2022. The Phase I limitations are attached hereto as Appendix A.

As part of this Phase I, Haley & Aldrich conducted visual observations of site conditions and of abutting property use and interviewed a key site manager and applicable tenant representatives (site reconnaissance); reviewed federal, state, tribal, and local environmental database information, federal and state environmental files, previous reports (if identified and provided), and site historical use records; and formulated conclusions regarding the potential presence and impact of RECs.

1.3 NON-SCOPE CONSIDERATIONS

The ASTM E 1527-13 Standard includes the following list of "additional issues" that are non-scope considerations outside of the scope of the ASTM Phase I practice: asbestos-containing materials, biological agents, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered

[2] American Society for Testing and Materials (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process as referenced in 40 Code of Federal Regulations (CFR) Part 312 (the All Appropriate Inquiries [AAI] Rule) ("ASTM E 1527-13 Standard"). Specified terms as are used in ASTM E 1527-13 are highlighted in blue in this report and defined in the Glossary at the end of the report text.

species, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, and mold. These items were not included in this Phase I of the Subject Property.

A limited assessment of the presence of polychlorinated biphenyls (PCBs) is included in the ASTM work scope. Accordingly, our assessment of the presence of PCBs is limited to those potential sources specified in the ASTM E 1527-13 Standard as "electrical or hydraulic equipment known or likely to contain PCBs…to the extent visually and or physically observed or identified from the interview or records review."

Note that PCBs may be present in miscellaneous building materials such as caulking, sealants, insulation and sound dampening materials, paint, gaskets, roofing and siding materials, waterproofing compounds, enamel coatings, and other chemical products manufactured prior to 1979. Evaluating the Subject Property building for potential PCB-containing building materials and possible PCB-containing materials other than "electrical or hydraulic equipment known or likely to contain PCBs" was outside the scope of this Phase I.

1.4 LIMITING CONDITIONS/DEVIATIONS

Haley & Aldrich completed this Phase I in substantial conformance with the ASTM E 1527-13 Standard. In our opinion, no additions were made to or deviations and deletions made from the ASTM work scope in completing this Phase I.

1.5 USER RESPONSIBILITIES

The completion of this Phase I is only one component of the process required to satisfy the AAI Rule. In addition, the user must adhere to a set of user responsibilities as defined by the ASTM E 1527-13 Standard and the AAI Rule. User responsibilities are discussed in Section 6.6 of this report. A user seeking protection from Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability as an innocent landowner, bona fide prospective purchaser, or contiguous property owner must complete all components of the AAI process in addition to meeting ongoing obligations. AAI components, CERCLA liability relief, and ongoing obligations are discussed in the AAI Rule and in Appendix XI of the ASTM E 1527-13 Standard.

2. Site Description

A description of the Subject Property is detailed in the sections below. Refer to Figure 1 for a project locus and Figure 2 for a site plan showing relevant site features and adjacent properties.

2.1 SITE OWNERSHIP, LOCATION, AND VICINITY DESCRIPTION

Site Description		
Owner/Operator	Golden Gate Produce Terminal LTD 131 Terminal Court South San Francisco, California	
Occupant and Current Site Use	The warehouse buildings are leased to at least 25 different wholesale produce tenants. There is truck access along both sides of the buildings for wholesale distribution and the stalls are open to retailers, food service professionals, and the public. Customer parking is located between the warehouse buildings and is covered by solar panel awnings.	
Size	Approximately 17.6 acres	
Building Square Footage	Western warehouse building: approximately 60,000 square feet Eastern warehouse building: approximately 85,700 square feet	
USGS 7.5 Minute Topographic Map	San Francisco South, 2018	
Site County	San Mateo County (unincorporated)	
Zoning	FC-Freeway Commercial	
Parcel Information	015-113-210	
Utilities	Water:	California Water Service
	Sewerage:	California Water Service
	Electricity:	Pacific Gas & Electric (PG&E)
	Gas/Oil/LPG:	PG&E
Heating/Cooling System	Not available	

Site Vicinity Description		
General Area Description	The Subject Property vicinity consists primarily of commercial and industrial warehouse properties.	
Adjoining Property Description	North:	Terminal Court, followed by an indoor sports center and a Park 'N Fly airport parking lot and shuttle service.
	East:	A paved parking lot followed by Bayshore Freeway (US 101).
	South:	The San Bruno Canal followed by Giannini Garden Ornaments Inc., a pottery store.
	West:	From north to south: Peking Handicraft Inc., a fabric wholesaler and distributer; Market Produce Sales, a produce wholesaler; Greenstar Laundry and Linen; Corporate Identity Systems, a screen printer; and a building containing KK Graphics print shop, Peeters Transportation moving company, and Stufurhome, a furniture wholesale distributer.

2.2 PHYSICAL SETTING

Subsurface explorations and/or hydrogeologic investigations were not performed for this Phase I. Subject Property geology and hydrology were evaluated on the basis of readily available public information or references, and/or based upon our experience and understanding of subsurface conditions in the vicinity of the Subject Property. It is unknown to what extent localized variations in groundwater depth and flow occur on the Subject Property.

Physical Setting		Source
Topography Summary	The Subject Property is generally flat.	1, 2
Site Elevation	Approximately 21 feet above mean sea level	1, 2
Overburden Soils	The Subject Property vicinity is generally underlain by artificial fill primarily consisting of clayey fine sand, silt, clay, rock fragments, and organic material.	3
Bedrock Formation	The Subject Property is underlain by Pleistocene-Holocene alluvial deposits.	4
Depth to Bedrock	Depth to bedrock was not determined for this Phase I.	
Depth to Groundwater	Depth to groundwater typically ranges between 1 to 5 feet below ground surface (bgs).	3
Surface Water Flow Direction	Surface water appears to flow towards the south-southeast based on observed surface topography.	1, 2

Physical Setting		Source
Regional Groundwater Flow Direction	Regional groundwater flow appears to flow to the east-southeast based on proximity of the San Bruno Canal, adjacent to the Subject Property to the south, and the San Francisco Bay. However, the groundwater flow direction measured at the north end of Subject Property is to the northeast.	1, 2, 3
Nearest Surface Water Body	The San Bruno Canal is located adjacent to the Subject Property to the south, which flows out to the San Francisco Bay approximately 1 mile to the east.	1, 2
Floodplain	Yes, the Subject Property is located within a 500-year flood area (0.2% annual chance). A small portion along the southern boundary is located within a 100-year flood area (1% annual chance).	2
Mapped Wetlands	A small portion of the Subject Property along the southern boundary is located within a national wetlands area.	2
Mapped Pipelines	An active non-highly volatile liquids (HVL) product pipeline operated by Kinder Morgan is located along the eastern side of the Subject Property.	5

Sources:

1. *USGS 7.5 Minute Topographic Map, San Francisco South, California Quadrangle, 2018.*
2. *Environmental Data Resources, Inc., Database Report, dated 4 March 2022.*
3. *Conestoga-Rovers & Associates, Subsurface Investigation and Remedial Action Plan, Olympian Cardlock Station, 131 Terminal Court, South San Francisco, California, dated 25 July 2012.*
4. *California Geological Survey Interactive Map accessed 18 March 2022. https://maps.conservation.ca.gov/cgs/gmc/*
5. *National Pipeline Mapping System, accessed 5 April 2022. https://www.npms.phmsa.dot.gov/*

3. Previous Reports

The following reports previously prepared for the Subject Property were reviewed for this Phase I. Information contained in these reports is included herein. Relevant excerpts from these reports are included in Appendix B.

The previously prepared reports and documents listed below were reviewed as part of this Phase I. Pertinent issues identified in those reports are summarized below.

- *Site Assessment Report, Olympian Station 131 Terminal Court, South San Francisco,* prepared by Conestoga-Rovers & Associates (CRA), prepared for Olympian JV, dated 27 May 2010.
- *Soil Gas Sampling and Risk Assessment Work Plan*, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 20 May 2007.
- *Groundwater Monitoring Report – Annual 2012, Former Olympian Station 131 Terminal Court, South San Francisco, California*, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 5 April 2012.
- *Subsurface Investigation and Remedial Action Plan – Olympian Cardlock Station 131 Terminal Court, South San Francisco, California*, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 25 July 2012.
- *Remedial Action Completion Report – Former Olympian Cardlock Station, 131 Terminal Court, South San Francisco, California*, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 4 February 2013.
- *Case Closure Request, former Olympian Station, 131 Terminal Court, South San Francisco, California,* prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 9 October 2013.
- *Case Closure, Remedial Action Oversight, Former Olympian Fueling Facility at 131 Terminal Court, South San Francisco, California*, prepared by San Mateo County Health System, dated 27 March 2014.
- *Asbestos Survey Summary Report*, prepared by Bio Max Environmental, Inc., prepared for Golden Gate Produce Terminal, dated 5 March 2018.

3.1 LEAKING UNDERGROUND STORAGE TANK (LUST) CASE

The northern portion of the Subject Property was formerly a commercial fueling facility operated by Nella Oil Company, which consisted of two dispenser islands and three underground storage tanks (USTs; one diesel and two gasoline). Investigations and remedial activities were completed at the Subject Property between 1998 and 2012.

In October 1998, soil samples were collected from an excavation trench during piping upgrade activities. Total petroleum hydrocarbon as gasoline (TPHg), total petroleum hydrocarbon as diesel (TPHd), benzene, and methyl tertiary butyl ether (MTBE) were detected in the soil at maximum concentrations of 7,600 milligrams per kilogram (mg/kg) TPHd, 2,400 mg/kg TPHg, 1 mg/kg benzene, and 9 mg/kg MTBE. In October 1999, nine soil borings were advanced near the UST areas and dispenser islands to further assess subsurface impacts to soil and groundwater. Hydrocarbon-impacted groundwater was encountered in the boring west of the dispenser island, with concentrations of TPHg at 21,000 micrograms per liter (µg/L), TPHd at 8,800 µg/L, and benzene at 1,200 µg/L.

In March 2000, five additional soil borings were advanced, and five groundwater monitoring wells (MW-1 to MW-5) were installed. Maximum soil concentrations of 780 mg/kg TPHg and 0.79 mg/kg benzene were detected in one boring northwest of the dispenser islands. Maximum groundwater concentrations were detected in the same boring at 69 µg/L TPHd, 16,000 µg/L TPHg, and 850 µg/L benzene. MTBE was not detected above laboratory reporting limits in any of the groundwater samples. In June 2001, three additional monitoring wells were installed (MW-6 through MW-8) to determine the down-gradient extent of the groundwater plume. Petroleum hydrocarbons were not detected above laboratory reporting limits in soil. TPHd and MTBE were detected in groundwater at maximum concentrations of 700 µg/L, and 10 µg/L, respectively. TPHg and benzene were not detected in groundwater.

In October 2002, it appeared that the benzene groundwater plume was limited on the Subject Property near monitoring well MW-1. The benzene groundwater concentration at that time exceeded the indoor air risk-based screening level of 84 parts per billion (ppb; i.e., µg/L), and groundwater remediation was recommended near MW-1 to reduce the concentration of benzene to below the risk level.

Starting in April 2007, seven wells (MW-1, MW-3, and MW-5 through MW-8 [MW-4 was destroyed in 2004]) were sampled quarterly. In 2007 the sample frequency was reduced to semi-annually, and in 2009 the sample frequency was again reduced to annual sampling. Samples were analyzed for TPHg; TPHd; benzene, toluene, ethylbenzene, and xylene (BTEX); and MTBE. In the final round of groundwater sampling in 2012, TPHg, TPHd, and BTEX concentrations were detected in wells MW-1 and MW-2. Maximum TPHg and TPHd concentrations of 7,000 and 2,100 µg/L, respectively, were detected in well MW-1. Maximum benzene concentrations of 2,400 µg/L were also detected in MW-1. MTBE was only detected above the laboratory detection limit in well MW-2 at a concentration of 96 µg/L. In August 2012, the seven monitoring wells were destroyed.

In October 2012 the three USTs (one diesel, two gasoline) and the fueling island were removed from the Subject Property. Seventy cubic yards of surrounding hydrocarbon-impacted soil was excavated. In December 2012 an additional 789 cubic yards of soil was excavated from the Subject Property to depths ranging from 6 to 10 feet bgs. Four confirmation samples taken from the bottom of the excavation along the northwest (downgradient) side indicated TPHg, TPHd, benzene, and MTBE were either not detected at laboratory detection limits or were at low concentrations below the screening limit.

In 2013, following the excavation, grab groundwater samples were collected from borings during both the wet and dry season to confirm groundwater conditions. Post-remediation groundwater sampling in the former source area showed a maximum benzene concentration of 19 µg/L. Post-remediation groundwater sampling downgradient of the former source area showed a maximum benzene concentration of 2,800 µg/L. It was noted that dissolved-phase benzene concentrations detected downgradient of the former source area were likely affected by a high amount of the suspended sediments in the grab groundwater sample.

In October 2013, CRA requested case closure for the Subject Property under Low-Threat UST Case Closure Policy (LTCP). In March 2014, San Mateo County Health, Environmental Health Services Division (SMCEH) confirmed no further action was required and case closure was granted, with residual hydrocarbon-impacted soil and groundwater remaining at the Subject Property. SMCEH indicated in their closure letter that changes in land use or removal of soil and groundwater from the affected area may pose a risk, and SMCEH must be notified in the event of an excavation or development of the Subject Property.

3.2 ASBESTOS SUMMARY REPORT

In February 2018, asbestos sampling was conducted on the Subject Property at terminal stalls 40C, 40D, and 40E. Asbestos containing material (ACM) was detected in several samples, including the floor materials found in the upstairs offices and hallway. A complete asbestos survey should be performed prior to any demolition of the buildings to determine the extent of pre-demolition abatement.

4. Site History

Haley & Aldrich assessed past usage of the Subject Property and adjoining properties through a review of:

- Sanborn Fire Insurance Maps (partial coverage) dated 1953, 1956, and 1970;
- Topographic Maps dated 1896, 1899, 1915, 1939, 1947, 1950, 1956, 1968, 1973, 1980, 1995, 1996, 2012, 2015, and 2018;
- Aerial Photographs dated 1943, 1946, 1956 ,1963, 1974, 1982, 1993, 1998, 2006, 2009, 2012, and 2016;
- City Directories dated 1970, 1976, 1981, 1986, 1992, 1995, 2000, 2005, 2010, 2014, and 2017;
- Municipal records;
- Previous Reports; and
- Interviews with Subject Property personnel.

Copies of information obtained from historical references reviewed are included in Appendix C. Unless otherwise noted below, per the ASTM standard, sources were reviewed dating back to 1940 or first developed use, whichever is earlier, and at 5-year intervals if the use of the property has changed within the time period.

4.1 SUBJECT PROPERTY

The table below provides a detailed summary of pertinent information from the historical sources reviewed:

Dates	Description of Subject Property	Sources
1869 to 1950	The Subject Property consisted of undeveloped marshland.	Topographic Maps, Aerial Photographs
1950s to 1960	The Subject Property was filled in sometime between 1950 and 1956 and undeveloped until the 1960s. In 1956 the aerial photograph shows the Subject Property was cleared and graded, and the stream was directed offsite to the south (San Bruno Canal) in preparation for development.	Topographic Maps, Aerial Photographs
1960s to 2000	The current warehouses were constructed in 1962. The 1963 aerial photograph shows the two warehouses and the guard shack in their current configurations, surrounded by asphalt-paved parking spaces. According to the city directories, the Subject Property has been occupied by wholesale produce tenants since at least 1970. In 1990, the warehouses were renovated for seismic upgrades. From 1985 to 2012 the northern end of the Subject Property operated as a commercial fueling facility consisting of two dispenser islands, two diesel USTs, and one gasoline UST which were owned and operated by Nella Oil Company.	Topographic Maps, Aerial Photographs, City Directories, Previous Reports

Dates	Description of Subject Property	Sources
2000 to present	In 2002, the office building was constructed at the northeast corner of the Subject Property. In 2004, Golden Gate Produce purchased the Subject Property. In 2012, the fueling facility closed, and the USTs and fueling islands were removed. In 2016, solar panels were added to the roofs of the two warehouse buildings. In 2017, solar panel awnings were constructed over the parking area between the warehouse buildings.	Aerial Photographs, Previous Reports

4.2 ADJOINING PROPERTIES

The table below provides a summary of pertinent information from the historical sources reviewed regarding adjacent properties:

Dates	Description of Adjacent Properties	Sources
1896 to 1920s	North: Undeveloped marshland South: Undeveloped marshland East: Undeveloped marshland West: Undeveloped marshland	Topographic Maps
1920s to 1950	North: The 1943 aerial photograph shows a commercial building was constructed on the property to the north at 120 Terminal Court. South: Undeveloped marshland East: The 1947 topographic map shows the Bayshore Highway (US 101) was constructed beyond the adjacent property to the east. West: Undeveloped marshland	Topographic Maps, Aerial Photographs

Dates	Description of Adjacent Properties	Sources
1950 to 1970	North: The 1968 topographic map and aerial photograph show an additional commercial building was constructed on the adjacent property to the north at 196 Produce Avenue. South: The San Bruno Canal was channelized adjacent to the Subject Property to the south. Beyond the canal, commercial and light industrial warehouse buildings were constructed. East: The 1956 aerial photograph shows the adjoining property to the east was graded and prepared for development. The 1963 and 1968 aerial photographs show the property is used for parking and appears unpaved. In 1970, the pay station was constructed at the northern end of the property. West: The 1963 aerial photograph shows the marsh was filled and San Mateo Avenue was constructed to the west of the Subject Property. By 1978, the multiple large commercial buildings were constructed on the properties between San Mateo Avenue and the Subject Property.	Topographic Maps, Aerial Photographs, Previous Reports
1970 to 1995	North: In 1971 the property at 196 Produce Avenue was occupied by Barrett Larry Inc, a gasoline service station. From 1973 through 1976, 196 Produce Avenue was occupied by Open Road Industries Inc, a recreational vehicle dealership. South: No change East: The 1973 aerial photograph shows the property was paved and is used for parking. A ticket booth is located at the northern entrance to the property. The 1993 aerial photograph shows a small building was constructed at the northern end of the property. West: The 1974 aerial photograph shows an additional building was constructed to the northwest of the Subject Property.	Topographic Maps, Aerial Photographs, City Directory
1995 to 2009	North: The 1998 aerial photograph shows the building at 196 Produce Avenue is no longer there, and the property is now a paved parking lot. South: No change East: No change West: No change	Aerial Photographs

Dates	Description of Adjacent Properties	Sources
2009 to present	North: The 2012 aerial photograph shows the adjacent property to the north is vacant for possible re-grading and redevelopment. The 2016 aerial photograph shows the building at 120 Terminal Court was replaced with the present Park 'N Fly canopy structure. South: No change observed to the buildings. The properties are currently occupied by Giannini Garden Ornaments, Inc, De Mar Medical supply store, and Ahern equipment rental. East: No change. Aerial photographs show periodic re-paving of the asphalt parking lot. West: No change observed to the buildings. The properties are currently occupied by: • Peking Handicraft Inc. a fabric wholesaler and distributer; • Market Produce Sales, a produce wholesaler; • Greenstar Laundry and Linen; • Corporate Identity Systems, a screen printer; and • a building containing KK Graphics print shop, Peeters Transportation moving company, and Stufurhome, a furniture wholesale distributer.	Aerial Photographs, EDR Report

5. Environmental Records Review

5.1 ENVIRONMENTAL DATABASE RECORDS SEARCH

Haley & Aldrich used the electronic database service, Environmental Data Resources (EDR) to complete the environmental records review. The database search was used to identify properties that may be listed in the referenced agency records, located within the ASTM-specified approximate minimum search distances as shown in the table below. A description of each database searched is in Section 11.2 of this report. The complete environmental database report is provided in Appendix D. Pertinent information obtained from the database is summarized in Section 5.3 below.

Database Searched	Approximate Minimum Search Distance	Subject Property Listed?	Number of Sites within Search Distance[1]
1. NPL Sites	1 mile	No	0
2. Delisted NPL Sites	0.5 mile	No	0
3. CERCLIS[2] Sites	0.5 mile	No	2
4. CERCLIS-NFRAP[2] Sites	0.5 mile	No	8
5. Federal ERNS	Site only	No	Not Applicable
6. RCRA non-CORRACTS TSD Facilities	0.5 mile	No	0
7. RCRA CORRACTS TSD Facilities	1 mile	No	3
8. RCRA Generators	Site & Adjoining	No	17
9. Federal Institutional/Engineering Controls	Site Only	No	Not Applicable
10. State/Tribal Equivalent NPL Sites	1 mile	No	4
11. State/Tribal Equivalent CERCLIS[2] Sites	0.5 mile	No	18
12. State/Tribal Registered Storage Tanks	Site & Adjoining	No	13
13. State/Tribal Landfills and Solid Waste Disposal Sites	0.5 mile	No	4
14. State/Tribal Leaking Storage Tanks	0.5 mile	Yes	170
15. State/Tribal Institutional Controls/Engineering Controls[3]	Site Only	No	Not Applicable
16. State/Tribal Voluntary Cleanup Sites	0.5 mile	No	4
17. State/Tribal Brownfield Sites	0.5 mile	No	0
18. Orphan Site List[4]	Site & Adjoining	No	9
19. CERS HAZ WASTE[5]	0.25 mile	No	41
20. SWEEPS UST[5]	0.25 mile	Yes	22
21. HIST UST[5]	0.25 mile	Yes	46
22. RCRA NonGen/NLR[5]	0.25 mile	Yes	99
23. FINDS[5]	Site Only	Yes	6
24. ECHO[5]	Site Only	Yes	1
25. San Mateo Co. BI[5]	0.25 mile	Yes	151

Database Searched	Approximate Minimum Search Distance	Subject Property Listed?	Number of Sites within Search Distance[1]
26. CORTESE[5]	0.5 mile	Yes	60
27. HAZNET[5]	Site Only	Yes	1
28. HIST CORTESE[5]	0.5 mile	No	56
29. Notify 65[5]	1.0 mile	No	5
30. WDS[5]	Site Only	Yes	1
31. CIWQS[5]	Site Only	Yes	1
32. CERS[5]	Site Only	Yes	1
33. HWTS[5]	Site Only	Yes	2

Notes:

1. *Some sites may be included on multiple databases.*
2. *The United States Environmental Protection Agency (USEPA) retired the CERCLIS database in October 2013. In January 2016, the Superfund Enterprise Management System (SEMS), which replaces the CERCLIS database, became active. The CERCLIS database records search included as part of this assessment includes currently ascertainable data from the SEMS and SEMS-Archive databases as reported through the database vendor.*
3. *EDR does not search State/Tribal Institutional Controls/Engineering controls in California. This information was searched using the following EDR databases: CA DEED, CA LIENS, and LIENS2.*
4. *Haley & Aldrich also searched the Orphan Site List provided in the database report for the Subject Property and sites adjoining the Subject Property. Orphan sites are those that, due to incorrect or incomplete addresses, could not be mapped.*
5. *If applicable, other relevant databases, not specifically required by ASTM were included in the database review.*

5.2 ADDITIONAL ENVIRONMENTAL RECORDS OR FILE REVIEW

To supplement the environmental record search, we contacted the following state and local government agencies and searched applicable online databases. If copies of the documents reviewed were obtained, pertinent material is included in Appendix D. Relevant information obtained is included in the appropriate sections of the report and/or discussed in Section 5.3 below. Adjacent properties were also included in requests for additional information if a significant incident or release was identified. Those adjacent properties reviewed for this assessment include 101 Terminal Court.

Agency	Request Sent or Files Searched		Files Exist and Are Available for Review	Files Reviewed
	Subject Property	Adjoining Properties		
Department of Toxic Substances Control (DTSC)[1]	Yes	Yes	On 9 March 2022, DTSC responded that they had no hard copy records pertaining to the Subject Property. The DTSC's website, EnviroStor, generally contains all existing DTSC information on permits and corrective action at hazardous waste facilities, as well as site cleanup projects. There were no EnviroStor files pertaining to the Subject Property. The adjacent property at 101 Terminal Court had an inactive handler profile and is discussed in Section 5.3.2.	Yes
San Francisco Bay Regional Water Quality Control Board (RWQCB)[2]	Yes	Yes	On 10 March 2022, RWQCB indicated there is a closed case for the Subject Property with files available on the State Water Resources Control Board (SWRCB's) website, GeoTracker. GeoTracker generally contains information on sites that impact groundwater, especially those that require groundwater cleanup, and permitted facilities. GeoTracker files pertaining to the Subject Property are discussed in Section 5.3.1.	Yes
California Governor's Office of Emergency Services (Cal OES)[3]	Yes	Yes	The online Cal OES database was accessed on 3 March 2022. There were no records for the Subject Property, or pertinent information on adjoining properties.	N/A
Bay Area Air Quality Management District (BAAQMD)[4]	Yes	Yes	On 7 March 2022, BAAQMD responded with a record of equipment permits between 1985 and 2012 for the gas station on the Subject Property. Permits for the Subject Property and adjacent properties are discussed in Sections 5.3.1 and 5.3.2.	Yes
SMCEH[5]	Yes	Yes	On 9 March 2022, SMCEH responded with several records pertaining to the Subject Property and adjacent properties. See Sections 5.3.1 and 5.3.2.	Yes

Agency	Request Sent or Files Searched		Files Exist and Are Available for Review	Files Reviewed
	Subject Property	Adjoining Properties		
City of South San Francisco (City)[6]	Yes	Yes	On 14 March 2022, the City responded that they had no records for the Subject Property.	N/A

Notes:

1. *The California Department of Toxic Substances Control maintains records related to site cleanups, hazardous waste, and USTs.*
2. *The San Francisco Bay Regional Water Quality Control Board maintains information regarding water, monitoring wells, USTs, and cleanups.*
3. *The California Governor's Office of Emergency Services maintains records of hazardous materials spill reports.*
4. *The Bay Area Air Quality Management District maintains information regarding indoor air, asbestos, equipment permitting, and violations related to air quality.*
5. *The San Mateo County Health, Environmental Health Services Division maintains records related to hazardous materials and waste, USTs, and site mitigation.*
6. *The City of South San Francisco maintains information regarding permits, zoning and planning, and fire department records.*

5.3 DETAILED DESCRIPTION OF RELEVANT INFORMATION

5.3.1 Subject Property

Listing	Description	Potential Impact
GeoTracker, SMCEH Records, BAAQMD, Hist UST, CA FID UST, SWEEPS UST, LUST, RGA LUST, HWTS, HAZNET, CORTESE, CERS	Nella Oil Company held permits to operate a gasoline dispensing facility on the Subject Property between 1985 and 2012. The HWTS and HAZNET listings indicate the gas station was operated by Flyers Energy (Station #412). The Subject Property is associated with the GeoTracker closed case number T060812439. In 2012, three USTs (one containing diesel and two containing gasoline) and associated petroleum hydrocarbon-impacted soil were removed and excavated from the previous Olympian Cardlock fueling facility at the northern end of the Subject Property. In 2014, SMCEH issued a case closure letter for the site, although hydrocarbon-impacted soil and groundwater remains at the property in the vicinity of the former fueling facility. Grab groundwater sampling results from the closure document indicate concentrations of TPHg up to 51,000 µg/L, TPHd up to 4,500 µg/L, and benzene up to 2,800 µg/L.	This constitutes a CREC. See Section 7.3.
San Mateo County Business Inventory (San Mateo Co BI), HAULERS, FINDS	Several tenants of Golden Gate Produce Terminal are enrolled in the business plan program for storing motor vehicle fuels or waste. Additionally, several tenants are listed in the HAULERS database if they transport 10 or more used/waste tires.	No spills, releases, or other incidents were reported. This does not appear to impact the Subject Property.

5.3.2 Nearby Sites

Several sites were listed in the database report within the applicable search radii or identified in regulatory records reviews. Due to their location with respect to the Subject Property (on the opposite side of a hydrogeologic barrier, distance from the site, location of the site relative to inferred groundwater flow, subsurface utilities and building levels, etc.), or their status (closed out release, etc.), several of the sites are not likely to adversely affect the Subject Property and are not discussed herein. Only those sites adjacent to the Subject Property and sites with a potential to have impacted the Subject Property are discussed below. The complete database report and relevant records review information is included in Appendix D.

Property Name & Location	Database/ Record Identified	Description	Potential Impact to Subject Property
SamTrans, 196 Produce Ave Adjacent to the north, downgradient	GeoTracker, LUST, CORTESE, Hist CORTESE, CERS RCRA NonGel.NLR, FINDS, ECHO, San Mateo Co. BI	This property is associated with the GeoTracker closed case number T0608100436. Between 1987 and 1989, SamTrans removed and closed eight former USTs containing diesel, wase oil, and light oil. Soil and groundwater samples collected during the tank removal indicated leaks around each of the tanks.	The case was addressed to the satisfaction of the SMCEH. Due to the distance and downgradient location of this property to the Subject Property, this does not appear to impact the Subject Property.
Parking Corporation of America, 120 Terminal Court Adjacent to the north, downgradient	GeoTracker, LUST, CPS-SLIC, CERS	This property is associated with the GeoTracker closed case number SL0608187305. USTs present when SamTrans operated on the property were found to be leaking. Petroleum impacted soils were excavated from the property and SMCEH issued a no further action (NFA) letter in 2010.	The case was addressed to the satisfaction of the SMCEH. Due to the distance and downgradient location of this property to the Subject Property, this does not appear to impact the Subject Property.

Property Name & Location	Database/ Record Identified	Description	Potential Impact to Subject Property
Park 'N Fly, 101 Terminal Court Adjacent to the east, downgradient	HWTS, HAZNET, San Mateo Co. BI, HIST UST, CA FID UST, RCRA NonGen/NLR	In 1994, a 10,000-gallon gasoline UST was installed near the pay booths at the northern end of the property. In 2005, the UST was removed and was observed to be in good condition upon removal. In 2012, the permit for the fueling equipment was closed. The property currently contains a small vehicle maintenance garage that performs oil changes and light bus maintenance.	No releases from the UST were reported. Due to the downgradient location of this property to the Subject Property, this does not appear to impact the Subject Property.
Sturdy Oil/Ahren Rentals, 251 Shaw Road Adjacent to the south, upgradient	San Mateo Co. BI, HIST CORTESE, HWTS, CERS HAZ WASTE, HAZNET, CERS, RCRA NonGen/NLR	Ahren Rentals is listed as a handler of hazardous waste. They have several minor violations that were returned to compliance by the next site visit without escalation.	No releases were reported. This does not appear to impact the Subject Property.
Heat & Control Inc/ Giannini Garden Ornaments Inc, 255 Shaw Road Southeast 177 feet, downgradient	San Mateo Co. BI, HWTS, CERS HAZ WASTE, HAZNET, CERS, RCRA NonGen/NLR	Giannini Garden is listed as a handler of hazardous waste. They have several administrative violations that were returned to compliance by the next site visit without escalation.	No spills, releases, or other incidents were reported. This does not appear to impact the Subject Property.
Lubrivan Truck Services, 1320 San Mateo Ave Adjacent to the southwest, downgradient	LUST, CORTESE, HIST CORTESE, CERS	This property is associated with the closed GeoTracker case T0608100312. A leak was first reported in 1986. In 1992 impacted soil was excavated. In 2003, the site was issued an NFA letter.	The case was addressed to the satisfaction of the SMCEH. Due to the distance and downgradient location of this property, this does not appear to impact the Subject Property.
Giant Horse Printing Inc./KK Graphics Inc, 1336 San Mateo Ave Adjacent to the west, upgradient	RCRA NonGen/ NLR, San Mateo CO. BI	This property is no longer a generator of hazardous waste and is no longer reporting.	No spills, releases, or other incidents were reported. This does not appear to impact the Subject Property.

Property Name & Location	Database/ Record Identified	Description	Potential Impact to Subject Property
Corporate Identity Systems, 1342 San Mateo Ave Adjacent to the west, upgradient	San Mateo Co. BI. RCRA-LQG, EMI, CERS HAZWASTE	This site is a listed as a large quantity generator of hazardous waste for 2019. There are no violations associated with this property.	No spills, releases, or other incidents were reported. This does not appear to impact the Subject Property.
Static Nine Garage/ SB Garage LLC, 1350 San Mateo Ave Adjacent to the west, upgradient	San Mateo Co. BI, CERS, CERS HAZ WASTE, RCRA NonGen/NLR	This property is occupied by an automobile repair shop. They had several administrative violations that were returned to compliance by the next site visit without escalation.	No spills, releases, or other incidents were reported. This does not appear to impact the Subject Property.
Greenstar Laundry & Linen, 1352 San Mateo Ave Adjacent to the west, upgradient	San Mateo Co. BI	This property is an active dry cleaner and commercial laundering facility. There are no violations or spills associated with this property.	No spills, releases, or other incidents were reported. This does not appear to impact the Subject Property.
Pacific Bell, 1384 San Mateo Ave Adjacent to the west, upgradient	RCRA NonGen/ NLR, FINDS, ECHO	This property is no longer a generator of hazardous waste and is no longer reporting. No violations were recorded for this property.	No spills, releases, or other incidents were reported. This does not appear to impact the Subject Property.
Peking Handicraft, 1388 San Mateo Ave Adjacent to the west, upgradient	GeoTracker, LUST, CORTESE, HIST CORTESE, CERS	This property is associated with the closed GeoTracker case T0608100837. A LUST event was reported in 1995, and the case was closed in 1998.	The case was addressed to the satisfaction of the RWQCB. This does not appear to impact the Subject Property.

5.4 VAPOR MIGRATION

The ASTM 1527-13 standard states that "for the purposes of this practice, “migrate” and “migration” refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." Thus, this section specifies whether or not we perceive a risk of vapor migration to the Subject Property.

To assess a vapor migration risk we conducted a detailed review and analysis of the site-specific environmental database report and/or other reasonably ascertainable records to assess whether:

1. Off-site properties have documented chlorinated volatile organic compound (VOC) contamination located within 100 feet of the subject property, or
2. Off-site properties have documented volatile petroleum hydrocarbon contamination within 30 feet of the subject property.

Investigations on the Subject Property have found impacts of TPHg, TPHd, benzene, and MTBE in the soil and groundwater associated with the leaking USTs formerly located at the north end of the Subject Property. Benzene concentrations in groundwater exceed Environmental Screening Levels (ESLs) established to assess potential vapor intrusion risks at commercial/industrial properties, and therefore, a vapor migration risk exists for the Subject Property. This is also considered a CREC for the Subject Property. See Section 7.3.

5.5 ENVIRONMENTAL LIEN AND AUL

According to EDR's Environmental Lien and AUL Search™ Report, dated 10 March 2022, there are no environmental liens or activity use limitations (AULs) for the Subject Property. This research was completed by EDR using the following Assessor Parcel Number provided by Haley & Aldrich:

- 015-13-210

A copy of the Environmental Lien and AUL Search™ Report and Deed is included in Appendix D.

6. Site Reconnaissance and Key Personnel Interview(s)

A site visit to observe Subject Property conditions was conducted by Zachary Stephens of Haley & Aldrich, on 7 March 2022. Access to the Subject Property was provided by Ianthe Schaub of SteelWave, LLC.

Haley & Aldrich personnel observed accessible interior areas of the Subject Property building(s), including common areas, parking areas, mechanical spaces, and tenant spaces. Haley & Aldrich also observed the exterior portions of the Subject Property, including the property boundaries, and observed adjoining property conditions from the Subject Property boundaries and/or public thoroughfares. No weather-related conditions or other conditions that would limit our ability to observe the Subject Property or adjoining properties occurred during our site visit.

An interview with Mario Caimotto of Golden Gate Produce Terminal, the key site manager, was performed in conjunction with the site visit. In addition, as required by the ASTM E 1527-13 Standard, a tenant representative of Golden Gate Produce Terminal was also interviewed. Per the ASTM Standard, past owners, operators, and occupants of the Subject Property who are likely to have material information regarding the potential for contamination at the Subject Property shall be contacted to the extent that they can be identified and that the information likely to be obtained is not duplicative of information already obtained from other sources. Haley & Aldrich was not provided with contact information in order interview past owners and/or operators at the Subject Property. Based upon historical data collected from other sources, this potential data gap is not expected to adversely impact the results of this assessment.

The findings of the site visit and interviews are discussed below. Site photographs are included in Appendix E.

ASTM E 1527-13 Standard Section 10.8 requires that, prior to the site visit, the current Subject Property owner or key site manager and user, if different from the current owner or key site manager, be asked if there are any helpful documents that can be made available for review. Documents were not provided.

6.1 CURRENT USE OF THE PROPERTY

The Subject Property is currently occupied by Golden Gate Produce Terminal, a wholesale produce market open to the public. Golden Gate Produce Terminal is comprised of over 50 individually rented stalls for vendors to sell and distribute produce.

6.2 GENERAL DESCRIPTION OF STRUCTURES

There are three main structures located on the Subject Property. A small two-story building, located at the northern end of the Subject Property, is used as an administrative office. There are two long, two-story structures that are separated into several small individual produce stalls. The larger of these two structures is approximately 85,700 square feet, and the smaller approximately 60,000 square feet. The second story of some of the stalls in these structures are used as offices.

6.3 USE, STORAGE, AND DISPOSAL OF PETROLEUM PRODUCTS AND HAZARDOUS MATERIALS

Petroleum products and/or hazardous materials were observed or reported to be used, stored, and/or disposed of at the Subject Property as described below.

Petroleum/hazardous materials observed at the Subject Property included:

Petroleum Product or Hazardous Substances	Quantity Stored & Container	Storage Location	Use	Disposal	Observations/ Evidence of Release
Polyethylene	Several 1-liter containers	Three different stalls at 101 Terminal Ct	Fruit ripening agent	Unknown	Chemical is emulsified and heated to steam fruit in large rooms.
Lacquer thinner	10 Gallons	Material storage room	Painting	Unknown	No indication of spillage or release.
Propane	Several containers	Stored in lock boxes around the Subject Property	Fuel for forklifts	Unknown	No indication of spillage or release.

An easement for an active non-highly volatile liquids (HVL) product pipeline operated by Kinder Morgan was observed along the eastern side of the Subject Property. See Section 7.6.

6.4 OTHER SUBJECT PROPERTY OBSERVATIONS

The table below summarizes items that were observed and/or reported at the Subject Property during the site visit other than those items related to use, storage, and disposal of petroleum or hazardous materials (described in Section 6.3 above). If items were observed or reported, they are further described either in the table or below.

Description	Observed or Reported at Time of Site Visit	Observations/Comments
Potable Water Supply	Yes	Potable water is supplied by California Water Service.
Nearest Drinking Water Source	N/A[1]	
Sewage Disposal System	Yes	The Subject Property is connected to the municipal sanitary sewer system.
Septic System	No	
Unidentified Storage Containers	No	
Wastewater Discharge	No	
Stormwater Discharge	Yes	Stormwater is discharged via sheet flow towards stormwater drains located throughout the Subject Property.
Odors	No	

Description	Observed or Reported at Time of Site Visit	Observations/Comments
PCBs Associated with Electrical or Hydraulic Equipment	Yes	A pad-mounted electrical transformer was observed at the southwest corner of the Subject Property. Information about potential-PCB content was not observed.
Elevators (Traction or Hydraulic)	No	
Vehicle Maintenance Lifts	No	
Emergency Generators	No	
Sprinkler System Pumps	No	
Heating System	Yes	An HVAC unit is present in the office building.
Cooling System	Yes	An HVAC unit is present in the office building. There are several industrial fridges associated with produce storage.
Stains or Corrosion on Floors, Walls, or Ceilings	No	
Floor Drains	No	
Sumps	No	
Catch Basins	No	
Pits, Ponds, Lagoons, and Pools of Liquid	No	
Stained Soil or Pavement	No	
Stressed Vegetation	No	
Solid Waste and Evidence of Waste Filling	No	
Dry Wells	No	
Monitoring Wells	No	Monitoring wells associated with the LUST case were previously located at the Subject Property, but were destroyed in August 2012.
Water Supply Wells	No	
Irrigation Wells	No	
Injection Wells	No	
Abandoned Wells	No	

6.5 ADJOINING PROPERTY OBSERVATIONS

The Subject Property is bounded by Terminal Court, followed by Park 'N Fly, a pay to park parking lot. The adjoining property to the east is a large parking lot occupied by Amazon, Urban Worldwide, and a temporary COVID testing clinic. Directly south of the Subject Property is the San Bruno Canal, followed by a pottery store. West of the Subject Property are several industrial buildings occupied by different companies and services, including a produce market, a manufacturer, a laundry service, and office space.

6.6 USER RESPONSIBILITIES

The AAI Rule requires that the User of the report consider the following:

- whether the user has specialized knowledge about previous ownership or uses of the Subject Property that may be material to identifying RECs;
- whether the user has determined that the Subject Property's Title contains environmental liens or other information related to the environmental condition of the property, including engineering and institutional controls and Activity and Use Limitations (AULs), as defined by ASTM;
- whether the user is aware of commonly known or reasonably ascertainable information about the Subject Property including whether or not the presence of contamination is likely on the Subject Property and to what degree it can be detected; and
- whether the user has prior knowledge that the price of the Subject Property has been reduced for environmentally related reasons.

While such information is not required to be provided to the environmental professional(s), the information can assist the environmental professional in identifying recognized environmental conditions. The "All Appropriate Inquiries" Final Rule (40 CFR Part 312) requires that these tasks be performed by or on behalf of a party seeking to qualify for a landowner liability protection (LLP) to CERCLA liability.

Haley & Aldrich did not receive a completed user responsibilities questionnaire. The absence of the questionnaire is not considered significant to the conclusions of this Phase I.

7. Findings and Opinions

7.1 DATA GAPS

Our ability to identify and evaluate RECs at the Subject Property is conditioned upon data gaps identified as part of this Phase I.

No significant data gaps were identified during the performance of this Phase I. Thus, it is our opinion that sufficient information was obtained to identify Subject Property conditions indicative of releases or threatened releases of hazardous substances and petroleum hydrocarbons. Our opinion is limited by the conditions prevailing at the time our work is performed and the applicable regulatory requirements in effect.

7.2 RECOGNIZED ENVIRONMENTAL CONDITIONS

The ASTM E 1527-13 Standard defines a REC in part as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

Our opinion regarding a REC's potential impact on the Subject Property is based on the scope of our work, the information obtained during the course of our work, the conditions prevailing at the time our work was performed, the applicable regulatory requirements in effect at the time our work was performed, our experience evaluating similar sites, and on our understanding of the client's intended use for the Subject Property.

RECs were not identified in connection with the Subject Property.

7.3 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

The ASTM E 1527-13 Standard defines a CREC as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

The following CREC was identified in connection with the Subject Property.

CREC #1: LUST Case Closure with Residual Hydrocarbon-Impacted Soil and Groundwater

The northern portion of the Subject Property was formerly a commercial fueling facility operated by Nella Oil Company, which consisted of two dispenser islands and three USTs (one diesel and two gasoline). In 1998, soil and groundwater were found to be impacted with hydrocarbons, and several investigation, monitoring, and remedial activities were conducted between 1998 and 2012. In 2012, three USTs (one containing diesel and two containing gasoline) and associated petroleum hydrocarbon-impacted soil were removed and excavated from the Subject Property. In 2014, SMCEH issued a case closure letter for the Subject Property, although hydrocarbon-impacted soil and groundwater were allowed to remain at the property in the vicinity of the former fueling facility under LTCP. Grab groundwater sampling results from the closure document indicate concentrations of TPHg up to 51,000 µg/L, TPHd up to 4,500 µg/L, and benzene up to 2,800 µg/L from soil borings located at the northern

end of the Subject Property, directly downgradient of the former UST area. These concentrations exceed both RWQCB Tier 1 ESLs and applicable commercial/industrial ESLs. Proposed future redevelopment, change of land use, or removal of soil and/or groundwater from the Subject Property will require a notification to the SMCEH.

7.4 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

The ASTM E 1527-13 Standard defines an HREC as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

HRECs were not identified in connection with the Subject Property.

7.5 DE MINIMIS CONDITIONS

The ASTM E 1527-13 Standard defines *de minimis* conditions as those conditions which "do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies." The ASTM E 1527-13 Standard notes that "conditions determined to be *de minimis* are not recognized environmental conditions."

De minimis conditions were not identified in connection with the Subject Property.

7.6 POTENTIAL ENVIRONMENTAL CONCERNS

The following potential environmental concern was identified in connection with the Subject Property.

Potential Environmental Concern #1: Kinder Morgan Product Pipeline

An easement for an active non-highly volatile liquids (HVL) product pipeline operated by Kinder Morgan is located along the eastern side of the Subject Property (Figure 2). Although no documented releases were found during this Phase I, there is a potential for future releases to impact the Subject Property.

8. Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of the ASTM Practice E 1527 of the property located at 131 Terminal Court in South San Francisco, California. Any exceptions to or deletions from, this practice are described in Section 1.4 of this report.

This assessment has revealed one CREC in connection with the Subject Property:

- CREC #1: LUST Case Closure with Residual Hydrocarbon-Impacted Soil and Groundwater

9. Environmental Professional Certification

The undersigned declare the following:

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312 and

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Brooke Mellin, P.G.
Assistant Project Manager

10. Credentials

This Phase I report was prepared by Maggie Bradshaw, and the site visit was conducted by Zachary Stephens, under the direct supervision of Brooke Mellin, who served as the Environmental Professional(s) for this project. Qualification information for the project personnel is provided below.

Maggie Bradshaw
Environmental Scientist

Ms. Bradshaw holds a B.S. in Conservation Resource Studies from UC Berkeley. Ms. Bradshaw is an environmental scientist with 5 years of experience. She performs ASTM Phase I Environmental Site Assessments for undeveloped, commercial, and light industrial properties. She also has experience conducting Phase II investigations, including collecting subsurface soil and groundwater samples, and providing data analysis of results.

Brooke Mellin, P.G.
Assistant Project Manager

Ms. Mellin holds a B.A. in Geology and an M.A. in Earth and Planetary Science from UC Berkeley and is a California Professional Geologist. Ms. Mellin has over 8 years of environmental consulting experience and has been involved in a wide range of environmental investigation and remediation projects including soil, soil gas, and groundwater cleanup sites.

11. Glossary and Other Descriptions

11.1 GLOSSARY

All Appropriate Inquiry (AAI) — that inquiry constituting "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in CERCLA, 42 U.S.C §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense.

Business Environmental Risk — a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations.

Controlled Recognized Environmental Condition (CREC) – a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Data Gap — a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).

De Minimis Conditions — conditions which do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Environmental Professional — a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b).

Historical Recognized Environmental Condition (HREC) — a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Key Site Manager — the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property.

Material Threat —a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Orphan Site — (not ASTM E 1527-13 definition) — sites that could not be mapped due to poor or inadequate address information.

Recognized Environmental Condition (REC) — the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.

11.2 DESCRIPTIONS OF DATABASES SEARCHED

Numerous regulatory databases were searched during this Phase I. Each database reviewed is described in the database report presented in Appendix D. Those databases required by the ASTM E 1527-13 Standard are identified below.

1. **NPL Sites:** The National Priorities List (NPL) is a list of contaminated sites that are considered the highest priority for cleanup by the U.S. Environmental Protection Agency (USEPA).

2. **Delisted NPL Sites:** The Delisted National Priorities List (NPL) is a list of formal NPL sites formerly considered the highest priority for cleanup by the USEPA that met the criteria of the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) for deletion from the NPL because a no further response was appropriate.

3. **CERCLIS Sites:** The Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) list identifies sites which are suspected to have contamination and require additional investigation to assess whether they should be considered for inclusion on the NPL.

4. **CERCLIS-NFRAP Sites:** CERCLIS-NFRAP status indicates that a site was once on the CERCLIS List but has No Further Response Actions Planned (NFRAP). Sites on the CERCLIS-NFRAP List were removed from the CERCLIS List in February 1995 because, after an initial investigation was performed, no contamination was found, contamination was removed quickly, or the contamination was not significant enough to warrant NPL status.

5. **Federal ERNS:** The Federal Emergency Response Notification System (ERNS) list tracks information on reported releases of oil and hazardous materials.

6. **RCRA non-CORRACTS TSD facilities:** The Resource Conservation and Recovery Act (RCRA) non-CORRACTS TSD Facilities List tracks facilities which treat, store, or dispose of hazardous waste and are not associated with corrective action activity.

7. **RCRA CORRACTS TSD facilities:** The RCRA CORRACTS TSD Facilities list catalogues facilities that treat, store, or dispose of hazardous waste and have been associated with corrective action activity.

8. **RCRA Generators:** The RCRA Generator list is maintained by the USEPA to track facilities that generate hazardous waste.

9. **Federal Institutional Controls/Engineering Controls:** The Federal Institutional Control list and Engineering Control list are maintained by the USEPA. Some Institutional Control and Engineering Control information may not be made publicly available and therefore will not be included on this registry.

10. **State and Tribal Equivalent CERCLIS Sites:** The (ASTM E 1527-13 Standard) requires searching "State and Tribal Equivalent NPL Sites." In California, the equivalent NPL is the RESPONSE database and the equivalent CERCLIS is the ENVIROSTOR database, which are maintained by the California Department of Toxic Substances Control (DTSC).

11. **State and Tribal Registered Storage Tanks:** In California, local regulatory agencies (e.g., County health departments and fire departments) and the State Water Resources Control Board (SWRCB) maintain lists of aboveground and underground storage tanks registered with those agencies (e.g., County health departments). For tribal property, the USEPA Region 9 maintains a list of underground storage tanks on Indian land.

12. **State and Tribal Landfills and Solid Waste Disposal Sites:** In California, the SWRCB in coordination with the Regional Water Quality Control Boards (RWQCB), and the Integrated Waste Management Board (IWMB) maintain lists of regulated waste disposal sites.

13. **State and Tribal Leaking Storage Tanks:** In California, the SWRCB in coordination with the RWQCBs maintains lists of Leaking Storage Tanks (LUST/LAST). The LUST/LAST lists are a listing of release sites that have an underground or aboveground storage tank listed as the source. For tribal property, the USEPA Region 9 maintains a list of leaking USTs on Indian land.

14. **State and Tribal Institutional Controls/Engineering Controls:** The USEPA maintains lists of sites with Institutional controls or Engineering controls in place. In addition, DTSC maintains a list of environmental deed restrictions.

15. **State and Tribal Voluntary Cleanup Sites:** In California, the DTSC, RWQCBs, and local regulatory agencies (e.g., County health departments) maintain lists of Voluntary Cleanup sites.

16. **State and Tribal Brownfield Sites:** In California, the DTSC maintains a list of Brownfield sites which includes any property where a redevelopment or re-use may be compromised by the presence or presumed presence of hazardous materials or petroleum.

17. Other site-specific relevant databases searched:

    - **CERS HAZ WASTE** - List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.
    - **SWEEPS UST** – The Statewide Environmental Evaluation and Planning System underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained.
    - **HIST UST** – Hazardous Substance Storage Container database is a historical listing of UST sites.
    - **RCRA NonGen / NLR - RCRA** - Non Generators / No Longer Regulated. RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.
    - **FINDS** – The Facility Index System contains both facility information and 'pointers' to other sources that contain more detail.
    - **ECHO** – Enforcement & Compliance History Information. ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.
    - **CORTESE** – The CORTESE Hazardous Waste and Substances Sites list includes a list of public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release, and all solid waste disposal facilities from which there is known migration. The sites on this list were those included on the SWRCB Leaking Underground Storage Tank (LUST) list, the IWMB Solid Waste Information System (SWF/LF, also referred to as (SWIS), and the DTSC Cal-Sites. The CORTESE listing is no longer updated.
    - **HWTS** – Hazardous Waste Tracking System. DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and

manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

- **HAZNET** – Facility and Manifest Data. Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.
- **HIST CORTESE** – Hazardous Waste & Substance Site List. The sites for the list are designated by the State Water Resources Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.
- **NOTIFY 65 -** Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data comes from the SWRCB's Proposition 65 database.
- **WDS** – Waste Discharge System. Sites which have been issued waste discharge requirements.
- **CIWQS** – California Integrated Water Quality System. The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.
- **CERS** - CalEPA Regulated Site Portal Data. The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials.
- **San Mateo Co. BI** – San Mateo County Business Inventory list includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

12. References

1. Topographic Map, San Francisco South, United States Geological Survey 7.5 minute series, 2018.

2. Haley & Aldrich, Inc., site visit conducted by Zachary Stephens on 7 March 2022.

3. Environmental Data Resources, Inc., Database Report, dated 4 March 2022.

4. Site Assessment Report, Olympian Station 131 Terminal Court, South San Francisco, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 27 May 2010.

5. Soil Gas Sampling and Risk Assessment Work Plan, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 20 May 2007.

6. Groundwater Monitoring Report – Annual 2012, Former Olympian Station 131 Terminal Court, South San Francisco, California, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 5 April 2012.

7. Subsurface Investigation and Remedial Action Plan – Olympian Cardlock Station 131 Terminal Court, South San Francisco, California, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 25 July 2012.

8. Remedial Action Completion Report – Former Olympian Cardlock Station, 131 Terminal Court, South San Francisco, California, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 4 February 2013.

9. Case Closure Request, former Olympian Station, 131 Terminal Court, South San Francisco, California, prepared by Conestoga-Rovers & Associates, prepared for Olympian JV, dated 9 October 2013.

10. Case Closure, Remedial Action Oversight, Former Olympian Fueling Facility at 131 Terminal Court, South San Francisco, California, prepared by San Mateo County Health System, dated 27 March 2014.

11. Asbestos Survey Summary Report, prepared by Bio Max Environmental, Inc., prepared for Golden Gate Produce Terminal, dated 5 March 2018.

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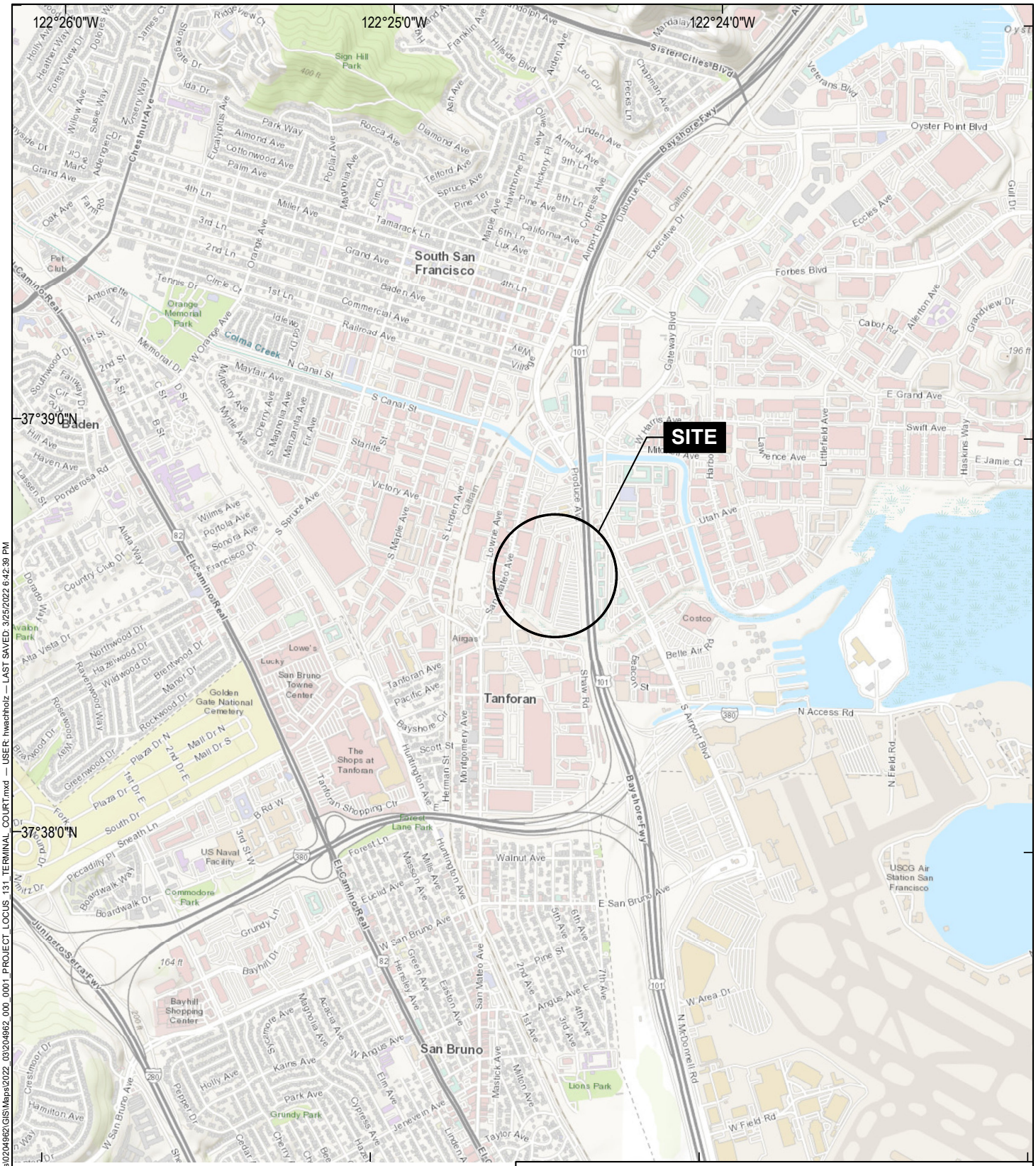
FIGURES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122°24'0"W
37°39'0"N
37°38'0"N
SITE
South San Francisco
Tanforan
San Bruno
Baden
Colma Creek
Sign Hill Park
Orange Memorial Park
Golden Gate National Cemetery
Commodore Park
Grundy Park
Lions Park
Forest Lane Park
Bayhill Shopping Center
The Shops at Tanforan
San Bruno Towne Center
US Naval Facility
USCG Air Station San Francisco
Oyster Point Blvd
Costco
Airgas
Lowe's
Lucky
El Camino Real
Bayshore Fwy
Sister Cities Blvd
Chestnut Ave
Junipero Serra Fwy
Caltrain
N Canal St
S Canal St
Utah Ave
Belle Air Rd
N Access Rd
Walnut Ave
E San Bruno Ave
W San Bruno Ave
W Area Dr
N McDonnell Rd
N Field Rd
Airport Blvd
Shaw Rd
Produce Ave
Forbes Blvd
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Swift Ave
Littlefield Ave
Lawrence Ave
Gateway Blvd
Dubuque Ave
Airport Blvd
Cypress Ave
Spruce Ave
Maple Ave
Linden Ave
Victory Ave
Starlite St
Commercial Ave
Railroad Ave
Baden Ave
Grand Ave
Miller Ave
Tamarack Ln
Rocca Ave
Diamond Ave
Telford Ave
Park Way
Almond Ave
Cottonwood Ave
Palm Ave
Hillside Blvd
Sneath Ln
Piccadilly Pl
Boardwalk Way
Boardwalk Dr
Bayhill Dr
Grundy Ln
Euclid Ave
Huntington Ave
Mission Ave
Mason Ave
Herman St
Montgomery Ave
Scott St
Bayshore Cir
Tanforan Ave
Pacific Ave
Tanforan Shopping Ctr
Forest Ln
Green Ave
Hensley Ave
Easton Ave
San Mateo Ave
Mastick Ave
Milton Ave
Pine St
Angus Ave
Kains Ave
Park Ave
Elm Ave
Jenevein Ave
Taylor Ave
Holly Ave
Hamilton Ave
Crestmoor Dr
Pepper Dr
Acacia Ave
Magnolia Ave
Sycamore Ave
Cypress Ave
Linden Ave
Mission Ave
Mastick Ave
Milton Ave
Lowne Ave
San Mateo Ave
Maple Ave
Spruce

LEGEND

- KINDER MORGAN PIPELINE EASMENT
- SITE FEATURE
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 29 SEPTEMBER 2021

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

PHASE I ENVIRONMENTAL SITE ASSESSMENT
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

SITE PLAN

APRIL 2022

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0204962\GIS\Maps\2022_03\204962_000_0002_SITE_PLAN_131_TERMINAL_COURT.mxd — USER: hwachholz — LAST SAVED: 4/6/2022 2:55:12 PM

APPENDIX A
Limitations

APPENDIX A

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APPENDIX B
Previous Reports

CONESTOGA-ROVERS & ASSOCIATES

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Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: May 27, 2010

REFERENCE NO.: 161558

PROJECT NAME: 131 Terminal Court
South San Francisco, CA

TO: Mr. Jacob Madden
San Mateo County Environmental Health
455 County Center
Redwood City, CA 94603

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other GeoTracker upload

QUANTITY	DESCRIPTION
1	Site Assessment Report

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

COMMENTS:
If you have any questions regarding the content of this document, please contact Ron Scheele at (510) 420-3327

Copy to: Ms. Janet Heikel
Ms. Amanda Appelt
Mr. Primo Reppeto
Mr. James Schwartz

Completed by: Ron Scheele [Please Print] Signed: Ron Scheele

Filing: **Correspondence File**

SITE ASSESSMENT REPORT

OLYMPIAN STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

AGENCY CASE NO. 55014

Prepared by:
Conestoga-Rovers & Associates

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MAY 27, 2010
REF. NO. 161558 (7)
This report is printed on recycled paper.

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1.0 INTRODUCTION

On behalf of Olympian, JV (Olympian), Conestoga-Rovers & Associates (CRA) has prepared this *Site Assessment Report* for the referenced site in response to San Mateo County Environmental Health Department (SMCEHD) letters dated June 16, 2009 and January 21, 2010. Agency Correspondence is included in Appendix A. Presented below are the site background, a summary of previous investigations, current site assessment activities and results, and conclusions and recommendations.

2.0 SITE BACKGROUND

2.1 SITE DESCRIPTION

The site is an active commercial fueling facility located near the intersection of Terminal Court and Produce Avenue in South San Francisco, California (Figure 1). The site consists of two dispenser islands, and three gasoline and diesel underground storage tanks (USTs). The entire site is paved with asphalt and concrete. The locations of these features are shown on Figure 2.

The site is located in a commercial industrial area of South San Francisco. The property adjoins Golden Gate Produce Terminal to the west and Park 'N' Fly parking lot to the east. Bayshore Freeway 101 is located approximately 200 feet (ft) east of the site. The site topography is relatively flat and is approximately 6 feet above mean sea level (ft msl). The nearest surface water is Coma Creek, approximately 0.25 miles north of the site. The San Francisco Bay is approximately 1 mile east of the site.

2.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

Geology: The site is located in the Coast Range Geomorphic Province of California. According to the geologic map by Jennings and Burnett (1961), the general site area is underlain by unconsolidated artificial fill primarily consisting of clayey fine sand, silt, clay, rock fragments, and organic material underlain by Quaternary alluvium and dune deposits. Bedrock in the area primarily is Mesozoic ultrabasic rocks, including serpentine.

The soil beneath the paved site generally consists of sandy gravel fill to 3.0 feet below ground surface (ft bgs), interbedded clayey sand, sand and silty clay to approximately

9.0 ft bgs, underlain by dark grey, low estimated permeability, silty clay ("Bay Muds") to a total explored depth of 18 ft bgs.

Hydrogeology: According to the Department of Water Resources, Bulletin 118 (2004), the site is located within the South San Francisco Groundwater Basin.

The shallow groundwater table typically ranges between 1 to 5 ft bgs (Table 1). Groundwater levels measured on March 10, 2010 indicate that groundwater beneath the site flows primarily toward the northeast at a gradient of approximately 0.06 ft/ft. Groundwater flow conditions observed during the first quarter 2010 are consistent with conditions observed during previous groundwater monitoring events. Groundwater elevation contours are presented on Figure 6.

3.0 PREVIOUS INVESTIGATIONS

Below is the chronology of previous site assessment, feasibility testing and remedial activities at the site. Historical soil and groundwater analytical data are presented in Tables 1 and 2.

***October 1998 Trench Sampling*:** During the product piping upgrade activities in October 1998, TEC Accutite (TEC) collected soil samples T-1 through T-3 from the piping trench at approximately 2.5 ft. bgs. Total petroleum hydrocarbon as gasoline (TPHg), total petroleum hydrocarbon as diesel (TPHd), benzene, and methyl tertiary butyl ether (MTBE) were detected in the soil at maximum concentrations of 7,600 milligrams per kilogram (mg/kg) TPHd; 2,400 mg/kg TPHg; 1 mg/kg benzene; and 9 mg/kg MTBE were detected.

October 1999 Soil and Groundwater Investigation: To assess the subsurface condition, TEC advanced nine onsite soil borings (B-1 through B-9) and collected soil and grab groundwater samples. Maximum soil concentrations were detected at 280 mg/kg TPHd in boring B-2 at 4 ft bgs; 16 mg/kg TPHg in boring B-3 at 4 ft bgs, 0.063 mg/kg benzene in boring B-3 at 4 ft bgs; and 0.84 mg/kg MTBE in boring B-6 at 4 ft bgs. Maximum groundwater concentrations were detected in boring B-3 at 8,800 µg/L TPHd, 21,000 µg/L TPHg, and 1,200 µg/L benzene.

***March 2000 Monitoring Well Installations*:** On March 17, 2000, TEC drilled five soil borings (B-10 through B-14), and installed five monitoring wells (MW-1 to MW-5). Maximum soil concentrations of 780 mg/kg TPHg and 0.79 mg/kg benzene were detected in boring B-11 at 9 ft bgs. Maximum groundwater concentrations were detected

in boring B-11 at 69 µg/L TPHd, 16,000 µg/L TPHg, and 850 µg/L benzene. No MTBE was detected above laboratory reporting limits in any of the groundwater samples.

***July 2001 Monitoring Well Installations*:** On July 2, 2001, TEC installed three groundwater monitoring wells (MW-6 through MW-8) to determine the down-gradient extent of the groundwater plume. No petroleum hydrocarbons were detected above laboratory reporting limits in soil. TPHd and MTBE were detected in groundwater at a maximum concentration of 700 µg/L in well MW-8, and 10 µg/L in well MW-6, respectively. No TPHg and benzene were detected in groundwater.

October 2002 Risk Assessment: On October 14, 2002, TEC submitted the *Impact Evaluation of the Subsurface Utilities as Preferential Pathway and Risk Assessment of the Impact of Groundwater Petroleum Hydrocarbons on Indoor Air*. TEC concluded and recommended the following: the benzene groundwater plume is limited onsite near monitoring well MW-1 and the nearest utility lines on Terminal Count do not appear to impact the plume's path; the benzene groundwater concentration exceeds the indoor air risk based screening level of 84 part per billion (ppb); and in order to obtain case closure at the site, groundwater remediation near well MW-1 is recommended to decrease the benzene concentration below the risk level of 84 ppb.

February 2003 Feasibility Study: On February 4, 2003, TEC submitted the *Feasibility Study for Groundwater Remediation*. TEC recommended in-situ groundwater bioremediation, specifically oxygen release compound (ORC) injections.

April 2003 Treatability Study Workplan: On April 10, 2003, TEC submitted the *Treatability Study Workplan for Groundwater Remediation* justifying the implementation of ORC injections, which was subsequently approved by SCMHD in a letter dated July 22, 2003.

October 2003 ORC Injections: On October 16, 2003, TEC oversaw the drilling of 16 direct-push soil borings (A through P) by Vironex to be used as ORC injection points. Borings A through E were advanced to 10 ft bgs, and borings F through P were advanced to 8 ft bgs. A 1,600 square foot treatment area consisting of 16 points on 10 foot spacing was used to inject 930 pounds of ORC in the vicinity of MW-1. The ORC remedial technique proved ineffective. The event is summarized in TEC's November 10, 2004 *Remedial Action Report*.

July 2005 Site Dual-Phase Extraction (DPE): The site was subsequently transferred to a new environmental consultant Ecologics. Ecologics performed interim remedial activities consisting of dual-phase extraction (DPE) at the site. Insufficient

documentation is available to evaluate the DPE activities, but Ecologics concluded that DPE remediation was ineffective.

May 2006 Remedial Action Workplan: On May 1, 2006, Ecologics submitted a workplan which proposed excavating the impacted soil in the vicinity of well MW-1.

May 2008 Site Assessment Report: The site was subsequently transferred to a new environmental consultant CRA. On May 30, 2008, CRA submitted a site assessment report which evaluated the results of three soil gas samples and a grab groundwater sample from soil boring B-15. Due to elevated hydrocarbon concentrations, CRA recommended that a feasibility study be conducted to determine the most cost effective way to remediate the hydrocarbons remaining at the site.

Quarterly Monitoring: Quarterly groundwater monitoring and sampling has been performed at the site since April 2000 and includes a network of seven wells (MW-1 through MW-3 and MW-5 through MW-8). SMCEHD's February 22, 2007 letter approved Cambria's proposed reduced groundwater monitoring schedule to sample wells MW-1, MW-2, and MW-8 semi-annually. Samples are analyzed for TPHd, TPHg, BTEX, and MTBE. Groundwater sampling frequency was reduced to annual based on regulatory direction from the SCDEHM in a letter dated July 16, 2009.

4.0 SITE ASSESSMENT ACTIVITIES

The objectives of this investigation were to further define the horizontal and vertical extent of hydrocarbon impacted soil associated with the fueling facilities and any other potential source at or near the site. Additionally, the highest identified concentrations of dissolved hydrocarbons in groundwater have been reported in well MW-1. This well is located cross- and somewhat up-gradient from the USTs and related product piping.

A grab-groundwater sample from previous boring B-11 reported high concentrations of dissolved gasoline and benzene, and well MW-1 has historically reported elevated concentrations of dissolved hydrocarbons, as well. To further define the extent and origin of hydrocarbons in both these areas, CRA plans to advanced 10 additional borings and collect both soil and grab-groundwater samples in the vicinity of previous boring B-11 and well MW-1. All work was completed according to CRA's *Additional Site Assessment Work Plan* dated June 11, 2009, and CRA's Standard Field Procedures presented in Appendix B.

Personnel Present: CRA's Staff Scientist Calvin Hee supervised the drilling and sampling of the ten borings. All soil boring and sampling activities were overseen by CRA Senior Geologist Ron Scheele, a California Professional Geologist.

Permits: San Mateo County Environmental Health Department issued subsurface drilling permits for soil boring activities. The City of South San Francisco Engineering Division issued an encroachment permit to drill in the public right-of-way. Copies of the permits are included in Appendix C.

Drilling Company: Vapor Tech Services (C57# 916085) of Berkeley, California performed the drilling and sampling activities.

Drilling Date: Drilling and sampling activities were performed on March 29, 2010.

Utility Location: CRA marked out the proposed boring locations with white paint and notified underground service alert (USA) to have the utilities marked out. In addition, CRA retained California Utility Surveys of San Ramon, California to locate and mark out any underground utilities that were not marked by USA.

Utility Clearance: To avoid damage to any subsurface utilities, each boring location was advanced to a depth of 5 feet using a hand auger.

Soil Boring and Sampling Method: Soil borings B-16 through B-25 were advanced using a hand auger and a direct-push drilling rig (GeoProbe 420M). Hydrocarbon field screening was performed using a photo-ionization detector (PID). Soil samples were collected where hydrocarbon staining, odor or elevated PID readings were encountered, or at a minimum of every 2.5 ft. A light hydrocarbon sheen was observed in soil samples collected from borings B-16 and B-19. During hand augering activities, soil samples were collected using a slide hammer loaded with 2-inch diameter stainless steel tube, and subsequently capped and labeled. During direct-push drilling below 5 ft, soil samples were collected in acetate liners, and subsequently capped and labeled. All samples collected were placed on ice and transported to an analytical the laboratory under chain-of-custody. Soil boring logs including lithology descriptions and PID screening data are presented in Appendix D.

Soil Boring Depths: Soil borings B-16 through B-21, and B-24 was advanced to 10 ft bgs. Soil boring B-22 was terminated at 6 ft bgs due to drill refusal likely related to a large rock. Soil boring B-17 also encountered difficult drilling conditions which prevented collection of a soil sample from 7.5 to 10 ft bgs. Soil boring B-23 and B-25 were advanced to 12 and 15 ft bgs, respectively.

Soil Sample Analyses: Select soil samples were analyzed for TPHd by EPA Method SW8015B, TPHg by EPA Method 8015Bm, and BTEX/MTBE by EPA Method SW8021B by McCampbell Analytical of Pittsburg, CA, a state-certified laboratory. The laboratory analytical report is included in Appendix E.

Groundwater Depths: Saturated soil was generally encountered between approximately 5.0 to 6.5 ft bgs. A perched water bearing zone was encountered at approximately 2.0 ft bgs in borings B-16 and B-19.

Grab Groundwater Sampling Method: Upon completion of each soil boring, ¾-inch PVC temporary screen casing was lowered into each boring except B-22 which was too shallow to encounter groundwater. Grab groundwater samples were collected using clean disposable tubing equipped with a check valve. Grab groundwater samples were decanted into the appropriate sampling containers, labeled, placed on ice and transported to the lab under chain-of-custody.

Grab Groundwater Sample Analyses: Grab groundwater samples were analyzed for TPHd by EPA Method SW8015B (with and without silica gel cleanup), TPHg by EPA Method 8015Bm, and BTEX/MTBE by EPA Method SW8021B by McCampbell Analytical of Pittsburg, CA, a state-certified laboratory. The laboratory analytical report is included in Appendix E.

Geotracker: All required data has been uploaded to the California State Water Resources Control Board's Geotracker database.

Waste Profiling and Disposal: Soil cuttings and waste water generated during drilling activities was temporarily stored on site in DOT-approved 55-gallon drums pending analysis for disposal. Documentation of waste profiling and disposal is included in Appendix F.

5.0 ASSESSMENT RESULTS

5.1 HYDROGEOLOGICAL FINDINGS

A perched water-bearing zone was sometimes encountered onsite at approximately 2.0 ft bgs. A dark grey, silty clay ("Bay Muds") was encountered at 8.5 to 10 ft bgs in all borings, except for boring B-23 which was drilled to a total depth of 12 ft bgs. The lower

depth of the Bay Mud and overlying sand layer in borings B-23 and B-14 suggests that an east-west trending fluvial channel may be present across the north edge of the site.

5.2 HYDROCARBON DISTRIBUTION IN SOIL

Diesel range hydrocarbons were detected in the soil samples collected from borings B-16 through B-20, B-22, B-24, and B-25 during this investigation. Detected concentrations of TPHd ranged from 1.8 milligrams per kilogram (mg/kg) in B-18-7.5 to 2,800 mg/kg in B-18-2.5. The highest concentrations were detected in samples collected in the vicinity northwest of the northern most dispenser island. Notes included in the laboratory report indicated that the samples contained gasoline-range compounds which may have overestimated the TPHd results. Detected concentrations of TPHg were detected in soil samples collected from borings B-16 through B-19, and B-24 ranging from 1.4 mg/kg (B-24-5.0) to 3,900 mg/kg (B-18-2.5). Benzene concentrations were detected in soil samples collected from borings B-16 through B-18, and B-24 at concentrations ranging from 0.0054 mg/kg (B-17-2.5) to 13 mg/kg (B-18-2.5). No MTBE was detected in any soil samples collected during this investigation.

Hydrocarbon impacted soil appears to be limited to onsite. Elevated hydrocarbon concentrations are present in soil primarily northwest of the northern most dispenser island. Elevated hydrocarbon concentrations are present between 2.5 and 5.0 ft bgs which correlates with the fluctuations of the shallow groundwater table. Historical sample results also suggest that additional hydrocarbon impacted soil remains beneath the fuel lines, and possibly beneath the dispensers, and adjacent to the USTs.

5.3 HYDROCARBON DISTRIBUTION IN GROUNDWATER

Diesel-range hydrocarbons were detected in all grab groundwater samples collected during this investigation, except from B-21, and ranged from 190 micrograms per liter (µg/L) (B-25-W) to 200,000 µg/L (B-16-W) when a silica gel cleanup was performed. A lighter than water immiscible sheen was observed in water samples from borings B-16 through B-19. Similar to soil analytic results; grab groundwater samples were described as having significant levels of both diesel- and gasoline-range compounds. Gasoline-range hydrocarbons were detected in six out of ten groundwater samples at concentrations ranging from 91 µg/L (B-20-W) to 69,000 µg/L (B-18-W). Benzene was detected in 5 of 10 groundwater samples ranging from 8.0 µg/L (B-23-W) to 6,800 µg/L (B-18-W). MTBE was detected in B-16-W, B-20-W, and B-24-W at concentrations of 800 µg/L, 7.2 µg/L, and 10 µg/L, respectively.

Elevated hydrocarbon concentrations are present in groundwater primarily northwest and west of the dispensers. The hydrocarbon plumes generally trend toward the northwest, consistent with the groundwater flow direction. The hydrocarbon plumes are primarily onsite and are adequately defined.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 CONCLUSIONS

The following conclusions are drawn from historical data and findings from this investigation:

- Shallow soil and groundwater beneath the site is impacted by both gasoline and diesel. In addition to the hydrocarbon impact that likely remains beneath the UST fuel lines, elevated hydrocarbon levels are also present northwest of the UST dispensers at depth of 2.5 to 5.0 ft bgs, coincident with the fluctuations of the shallow groundwater table. This shallow hydrocarbon-impacted area correlates with a smear zone resulting from hydrocarbon plumes originating from the UST system. The highest hydrocarbon concentrations in soil and groundwater are representative of free product and denote a secondary source. Variations in the historical groundwater flow direction and/or a possible unidentified fuel line along the west side of the dispensers may explain the anomalous cross gradient location of the hydrocarbon impact.

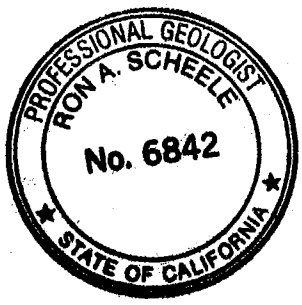
6.2 RECOMMENDATIONS

Based on the above conclusions, CRA offers the following recommendations:

- Although the majority of the hydrocarbon impacted soil appears to be localized to onsite, additional delineation of this secondary source is needed, particularly in the vicinity around boring B-18, to minimize the extent of remedial excavation.

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Calvin Hee
Staff Scientist



Ron A. Scheele, P.G.
Senior Geologist

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FIGURES

09/01/06

H:\OLYMPIAN\131 TERMINAL S SAN FRANCISCO\FIGURES\VICINITY-MAP.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Olympian Cardlock Facility

131 Terminal Court

South San Francisco, California

CONESTOGA-ROVERS & ASSOCIATES

Site Vicinity Map

EXPLANATION

- Monitoring well location
- Soil boring location
- Destroyed well location
- Soil sample location
- Soil gas sample location
- Soil boring / grab groundwater sample location
- Storm drain line
- Water line
- Gas line
- Electrical line
- Catch basin

TERMINAL COURT

sidewalk

fenceline

Gate Guard

MW-7

MW-8

MW-1

MW-2

MW-3

MW-4

MW-5

MW-6

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21 B-22 B-23 B-24 B-25

SG-1 SG-2 SG-3

T-1-2.5' T-2-2.5' T-3-2.5'

dispenser islands

approximate fuel line locations

electrical line

gasoline UST

gasoline/diesel UST

diesel UST

Golden Gate Produce Administration Building

parking lot

loading dock

Park 'N' Fly parking lot

N

0 10 20ft

Basemap modified from drawing provided by TEC Accutite

161558_EM002-SITE.DWG

Figure 2

SITE PLAN

OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

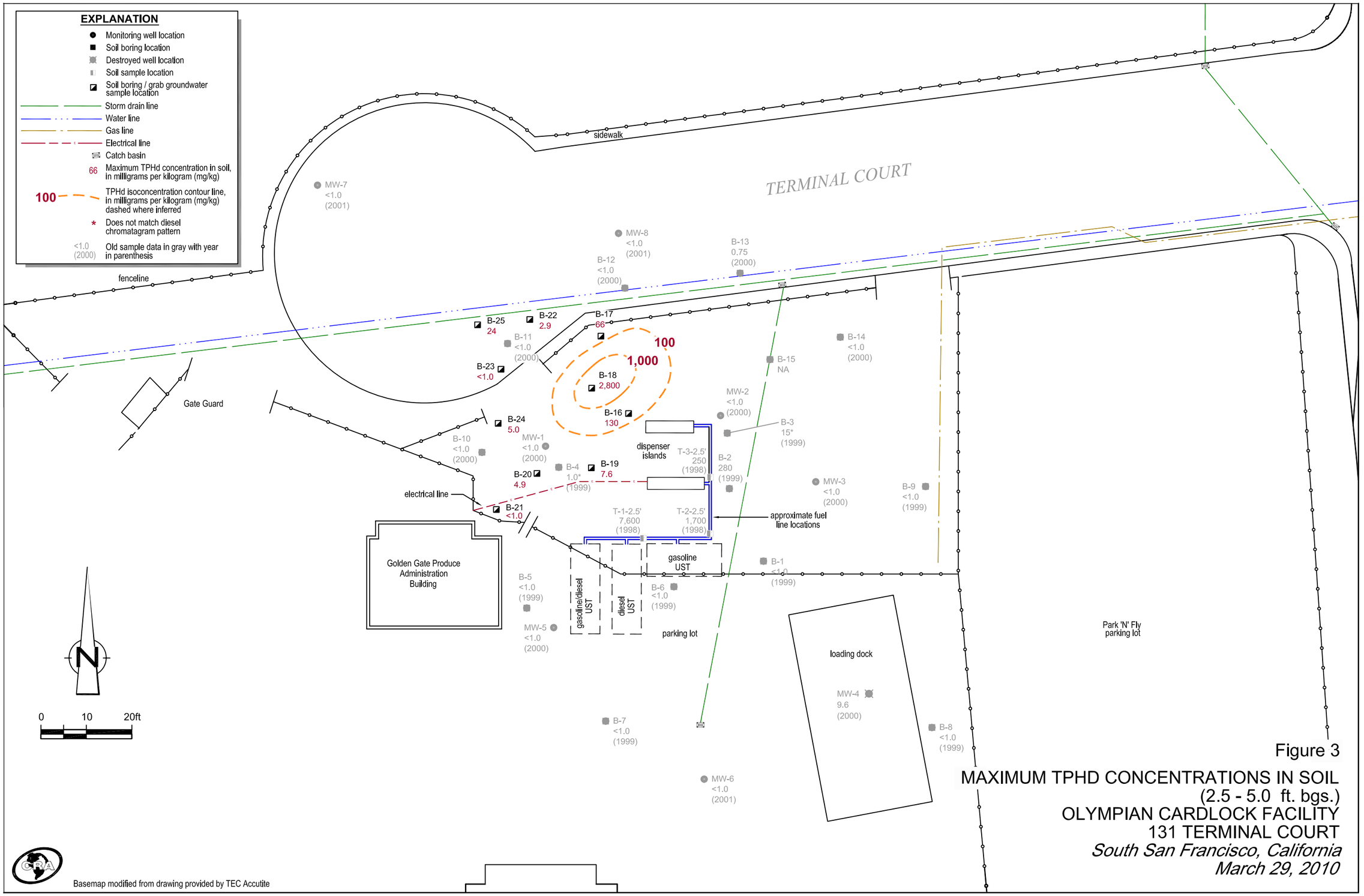

Figure 3

MAXIMUM TPHD CONCENTRATIONS IN SOIL
(2.5 - 5.0 ft. bgs.)
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March 29, 2010

Basemap modified from drawing provided by TEC Accutite

161558_EM002-MAX-TPHD.DWG

EXPLANATION

- Monitoring well location
- Soil boring location
- Destroyed well location
- Soil sample location
- Soil boring / grab groundwater sample location
- Storm drain line
- Water line
- Gas line
- Electrical line
- Catch basin
- 190 — Maximum TPHg concentration in soil, in milligrams per kilogram (mg/kg)
- 100 — TPHg isoconcentration contour line, in milligrams per kilogram (mg/kg) dashed where inferred
- <0.5 (2000) — Old sample data in gray with year in parenthesis

sidewalk

TERMINAL COURT

fenceline

MW-7 <0.5 (2001)

MW-8 <0.5 (2001)

B-12 1.5 (2000)

B-13 <0.5 (2000)

B-25 <1.0

B-22 <1.0

B-11 0.67 (2000)

B-17 190

100

1,000

B-18 3,900

B-23 <1.0

B-14 <0.5 (2000)

B-15 NA

Gate Guard

B-24 1.4

B-16 270

MW-2 3.0 (2000)

B-3 16 (1999)

B-10 <0.79 (2000)

MW-1 <0.5 (2000)

dispenser islands

T-3-2.5' 880 (1998)

B-4 1.6 (1999)

B-19 7.1

B-20 <1.0

B-2 6.1 (1999)

MW-3 <0.5 (2000)

B-9 <0.5 (1999)

electrical line

B-21 <1.0

T-1-2.5' 2,400 (1998)

T-2-2.5' 100 (1998)

approximate fuel line locations

B-1 <0.5 (1999)

Golden Gate Produce Administration Building

gasoline UST

B-5 <0.5 (1999)

gasoline/diesel UST

diesel UST

B-6 <0.5 (1999)

MW-5 <0.5 (2000)

parking lot

loading dock

Park 'N' Fly parking lot

MW-4 <0.5 (2000)

B-7 <0.5 (1999)

B-8 <0.5 (1999)

MW-6 <0.5 (2001)

N

0 10 20ft

Figure 4

MAXIMUM TPHG CONCENTRATIONS IN SOIL
(2.5 - 5.0 ft. bgs.)
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March 29, 2010

Basemap modified from drawing provided by TEC Accutite

161558_EM002-MAX-TPHG.DWG

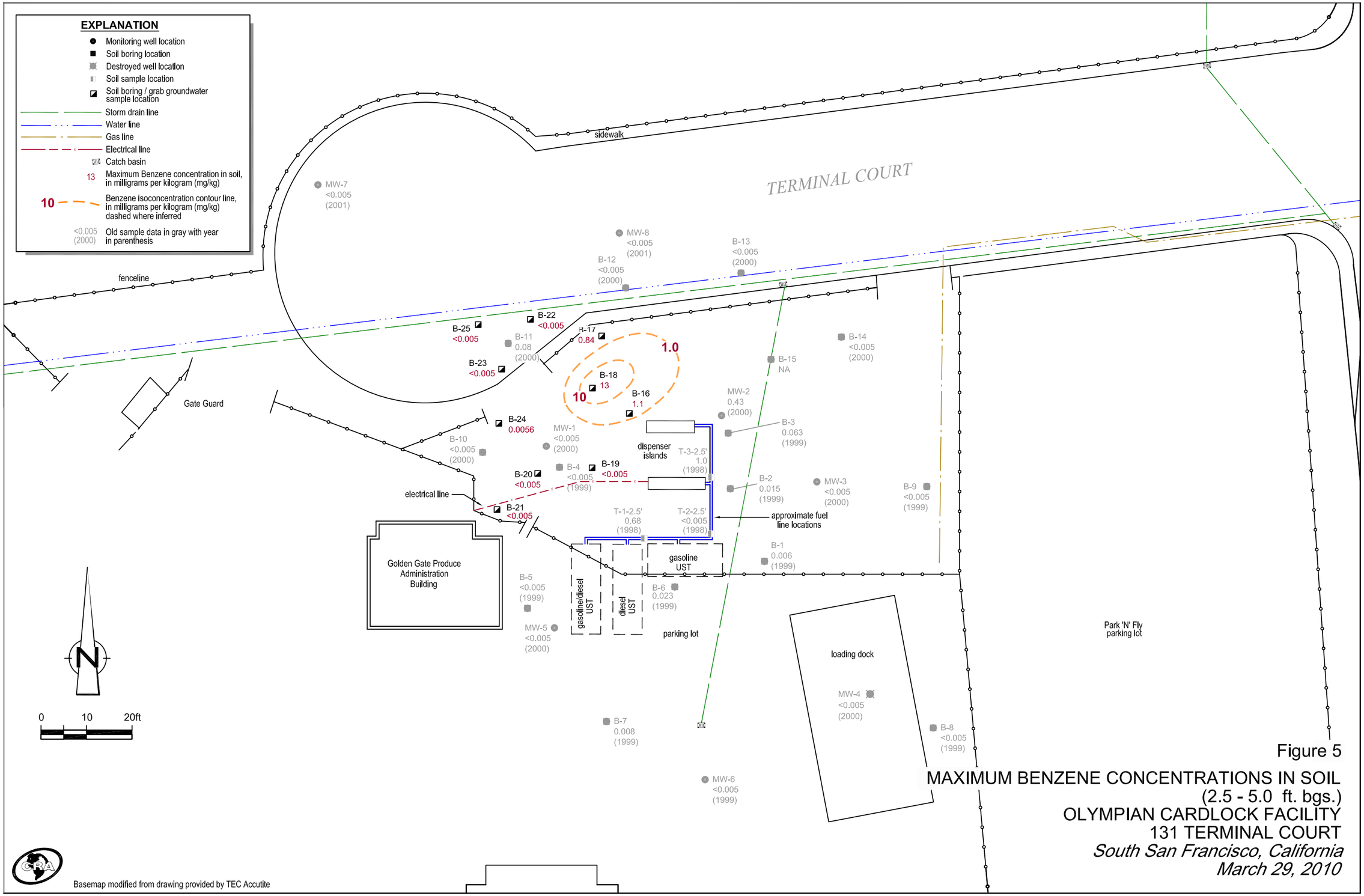

Figure 5

MAXIMUM BENZENE CONCENTRATIONS IN SOIL
(2.5 - 5.0 ft. bgs.)
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March 29, 2010

Basemap modified from drawing provided by TEC Accutite

161558_EM002-MAX-BENZ.DWG

EXPLANATION

- Monitoring well location
- MW-4 — Destroyed well location
- 4.00 — Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- WELL ID — Well Designation
- ELEV — Groundwater elevation
- TPHG, BENZ, MTBE, TPHD — TPHg, Benzene, MTBE and TPHd concentrations are in micrograms per liter (µg/L)
- NS — Not Sampled

Airport parking

parking lot

sidewalk

MW-7
3.72
NS

MW-8
2.49
<50
<0.5
<5.0
<50

TERMINAL COURT

PRODUCE AVENUE

BAYSHORE FREEWAY

3.00

4.00

fenceline

Gate Guard

0.06

2.00

2.00

MW-2
1.97
350
18
100
560

5.00

5.00

dispenser islands

3.00

MW-3
3.68
NS

MW-1
5.02
590
110
<15
350

Administration Building

USTs

4.00

MW-5
3.59
NS

parking lot

loading dock

MW-4

MW-6
3.62
NS

loading zone

Park 'N' Fly parking lot

US HWY 101 SOUTH

0°
90°
180°
270°
4
1

Groundwater Flow Direction
3Q06 to 1Q10

Golden Gate
Produce Terminal

N

0 20 50ft

Figure 6

GROUNDWATER ELEVATION CONTOUR and
HYDROCARBON CONCENTRATION MAP
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March 10, 2010

161558_EM001-1Q10-GWHC.DWG

EXPLANATION

- Monitoring well location
- Soil boring location
- Destroyed well location
- Soil boring / grab groundwater sample location
- Storm drain line
- Water line
- Gas line
- Electrical line
- Catch basin
- 96,000 — TPHd concentration in groundwater, in micrograms per liter (µg/L)
- NA — Not Available / Not Analyzed
- 100 — TPHd isoconcentration contour line, in micrograms per liter (µg/L) dashed where inferred
- * — Does not match diesel chromatagram pattern
- <1.0 (2000) — Old sample data in gray with year in parenthesis

sidewalk

TERMINAL COURT

fenceline

MW-7 150 (2006)

B-12 8,600* (2000)

MW-8 <50

B-13 110 (2000)

B-25 190

B-22 NA

B-11 69,000* (2000)

B-17 87,000

1,000

100

10,000

B-14 NA (2000)

B-15 <50 (2007)

B-23 230

B-18 96,000

100,000

MW-2 560

B-24 980

B-16 200,000

B-3 8,800 (1999)

Gate Guard

B-10 <50 (2000)

MW-1 590

B-19 72,000

dispenser islands

B-2 <50 (1999)

B-20 370

MW-3 <50 (2006)

B-9 <50 (1999)

electrical line

B-21 <50

B-4 3,600 (1999)

approximate fuel line locations

B-1 600 (1999)

Golden Gate Produce Administration Building

gasoline UST

B-5 <50 (1999)

gasoline/diesel UST

diesel UST

B-6 3,200 (1999)

MW-5 <50 (2006)

parking lot

Park 'N' Fly parking lot

loading dock

MW-4 <50 (2002)

B-7 <50 (1999)

B-8 <50 (1999)

MW-6 54 (2006)

N

0 10 20ft

Basemap modified from drawing provided by TEC Accutite

161558_EM002-TPHD-GW.DWG

Figure 7

TPHD ISOCONCENTRATIONS IN GROUNDWATER

OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March 10 and 29, 2010

EXPLANATION

- Monitoring well location
- Soil boring location
- Destroyed well location
- Soil boring / grab groundwater sample location
- Storm drain line
- Water line
- Gas line
- Electrical line
- Catch basin
- NA — Not Available / Not Analyzed
- 62,000 — TPHg concentration in groundwater, in micrograms per liter (µg/L)
- 100 — TPHg isoconcentration contour line, in micrograms per liter (µg/L) dashed where inferred
- <1.0 (2000) — Old sample data in gray with year in parenthesis

sidewalk

TERMINAL COURT

fenceline

Gate Guard

MW-7 <50 (2006)

MW-8 <50

B-12 5,000 (2000)

B-13 77 (2000)

B-22 NA

B-25 <50

B-11 16,000 (2000)

B-23 <50

B-17 62,000

B-18 69,000

B-16 47,000

B-24 140

MW-1 590

B-19 15,000

B-20 91

B-21 <50

B-4 9,200 (1999)

B-10 <0.50 (2000)

10

100

10,000

B-14 70 (2000)

B-15 <50 (2007)

MW-2 350

B-3 21,000 (1999)

dispenser islands

electrical line

approximate fuel line locations

B-2 120 (1999)

MW-3 <50 (2006)

B-9 <50 (1999)

B-1 750 (1999)

gasoline UST

Golden Gate Produce Administration Building

B-5 80 (1999)

gasoline/diesel UST

diesel UST

B-6 3,500 (1999)

MW-5 <50 (2006)

parking lot

Park 'N' Fly parking lot

loading dock

MW-4 <50 (2002)

B-7 90 (1999)

B-8 <50 (1999)

MW-6 <50 (2006)

N

0 10 20ft

Basemap modified from drawing provided by TEC Accutite

161558_EM002-TPHG-GW.DWG

Figure 8

TPHG ISOCONCENTRATIONS IN GROUNDWATER

OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March 10 and 29, 2010

EXPLANATION

- Monitoring well location
- Soil boring location
- Destroyed well location
- Soil boring / grab groundwater sample location
- Storm drain line
- Water line
- Gas line
- Electrical line
- Catch basin
- 4,400 — Benzene concentration in groundwater, in micrograms per liter (µg/L)
- NA — Not Available / Not Analyzed
- 10 — Benzene isoconcentration contour line, in micrograms per liter (µg/L) dashed where inferred
- <0.5 (2000) — Old sample data in gray with year in parenthesis

TERMINAL COURT

sidewalk

fenceline

Gate Guard

MW-7 <0.5 (2006)

MW-8 <0.5

B-11 850 (2000)

B-12 4 (2000)

B-13 2 (2000)

B-22 NA

B-25 <0.5

B-17 3,800

B-18 6,800

B-16 4,400

B-23 8

B-24 <0.5

B-10 <0.5 (2000)

MW-1 110

MW-2 18

B-14 <0.5 (2000)

B-15 <0.5 (2007)

B-3 1,200 (1999)

1.0

10

100

1,000

dispenser islands

B-20 <0.5

B-21 <0.5

B-4 520 (1999)

B-19 82

B-2 20 (1999)

MW-3 <0.5 (2006)

B-9 0.6 (1999)

electrical line

approximate fuel line locations

B-1 23 (1999)

gasoline UST

Golden Gate Produce Administration Building

B-5 2 (1999)

gasoline/diesel UST

diesel UST

B-6 370 (1999)

MW-5 <0.5 (2005)

parking lot

Park 'N' Fly parking lot

loading dock

MW-4 <0.5 (2002)

B-7 2 (1999)

B-8 <0.5 (1999)

MW-6 <0.5 (2005)

N

0 10 20ft

Figure 9

BENZENE ISOCONCENTRATIONS IN GROUNDWATER

OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March 10 and 29, 2010

Basemap modified from drawing provided by TEC Accutite

161558_EM002-BENZ-GW.DWG

TABLES

TABLE 1

SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			←			mg/kg			→
Product Line Trench Samples									
T-1	10/1998	2.5	7,600	2,400	0.68	<0.125	<0.125	2	9.0
T-2	10/1998	2.5	1,700	100	<0.005	<0.005	<0.005	0.36	0.2
T-3	10/1998	2.5	250	880	1.0	3.0	12	71	1.0
Soil Boring Samples									
B-1	10/12/1999	4	<1.0	<0.5	0.006	<0.005	<0.005	<0.010	0.18
B-2	10/12/1999	4	280	6.1	0.015	<0.005	0.085	0.29	0.009
B-3	10/12/1999	4	15 a	16	0.063	0.069	0.40	1.8	0.021
B-4	10/12/1999	4	1.0 a	1.6	<0.005	<0.005	0.013	0.049	<0.005
B-5	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	0.015	0.011
B-6	10/12/1999	4	<1.0	<0.5	0.023	0.010	0.007	0.026	0.84 b
B-7	10/12/1999	4	<1.0	<0.5	0.008	0.008	<0.005	0.011	<0.005
B-8	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005
B-9	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005
B-10	3/17/2000	4.5	<1.0	0.79	<0.005	0.012	0.009	0.056	<0.005
B-10	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.022	<0.005
B-11	3/17/2000	4.5	<1.0	0.67	0.085	0.037	0.019	0.046	<0.005
B-11	3/17/2000	9	270	780	0.79	19	12	65	<0.005
B-12	3/17/2000	4.5	<1.0	1.5	<0.005	0.017	0.012	0.055	0.071
B-12	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.016	<0.005
B-13	3/17/2000	3.5	<1.0	0.78	<0.005	<0.005	<0.005	0.02	<0.005
B-13	3/17/2000	7.5	<1.0	0.5	<0.005	<0.005	<0.005	<0.01	<0.005
B-14	3/17/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
B-14	3/17/2000	9.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005

TABLE 1

SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			← mg/kg →						
B-16-2.5	3/29/2010	2.5	48	100	0.29	0.15	0.96	3.2	<1.0
B-16-5.0	3/29/2010	5.0	130	270	1.1	0.14	5.8	15	<1.0
B-17-2.5	3/29/2010	2.5	<1.0	<1.0	0.0054	<0.005	0.016	0.022	<0.05
B-17-5.0	3/29/2010	5.0	66	190	0.84	1.2	3.8	5.5	<0.50
B-17-7.5	3/29/2010	7.5	<1.0	4.2	0.041	0.061	0.087	0.17	<0.05
B-18-2.5	3/29/2010	2.5	2,800	3,900	13	1.4	50	170	<5.0
B-18-5.0	3/29/2010	5.0	38	300	4.7	10	3.7	15	<2.5
B-18-7.5	3/29/2010	7.5	1.8	5.9	0.038	0.011	0.066	0.21	<0.05
B-19-2.5	3/29/2010	2.5	4.8	7.1	<0.005	<0.005	<0.005	0.0077	<0.05
B-19-5.0	3/29/2010	5.0	7.6	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-20-2.5	3/29/2010	2.5	4.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-20-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-21-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-21-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-22-2.5	3/29/2010	2.5	2.7	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-22-5.0	3/29/2010	5.0	2.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-23-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-23-7.5	3/29/2010	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-24-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-24-5.0	3/29/2010	5.0	5.0	1.4	0.0056	<0.005	<0.005	0.0056	<0.05
B-25-2.5	3/29/2010	2.5	24	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-25-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05

TABLE 1

SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			◄			mg/kg			►
Monitoring Well Samples									
MW-1	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-2	3/23/2000	4.5	<1.0	3.0	0.43	0.40	0.095	0.51	<0.005
MW-3	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-4	3/23/2000	4.5	9.6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-5	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-6	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-7	7/2/2001	4.0	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-8	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005

Notes:

all soil data prior to 2010 obtained by previous consultant

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015

TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015

BTEX = Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8020

MTBE = Methyl-tert-butyl ether (EPA Method 8020)

a = Hydrocarbon response in the diesel range but does not resemble diesel

b = MTBE confirmed by EPA Method 8260

<X = Concentration less than laboratory reporting limits

fbg = Feet below grade

-- = Not applicable

NA = Not avaliable, not analyzed

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID TOC	*Date* Sampled	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
Grab Groundwater Samples																	
B-1	10/12/1999	~4	--	600	750	23	2	1	6	4,700	--	--	--	--	--	--	--
B-2	10/12/1999	~4	--	<50	120	20	1	4	13	260	--	--	--	--	--	--	--
B-3	10/12/1999	~4	--	8,800	21,000	1,200	1,600	490	2,900	16	--	--	--	--	--	--	--
B-4	10/12/1999	~4	--	3,600	9,200	520	360	470	1,800	53	--	--	--	--	--	--	--
B-5	10/12/1999	~4	--	<50	80	2	2	2	7	2	--	--	--	--	--	--	--
B-6	10/12/1999	~4	--	3,200	3,500	370	6	4	6	25,000	--	--	--	--	--	--	--
B-7	10/12/1999	~4	--	<50	90	2	0.8	2	7	220	--	--	--	--	--	--	--
B-8	10/12/1999	~4	--	<50	<50	<0.5	0.7	0.6	3	0.9	--	--	--	--	--	--	--
B-9	10/12/1999	~4	--	<50	<50	0.6	0.9	<0.5	<1.0	<0.5	--	--	--	--	--	--	--
B-10	10/12/1999	~4	--	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--	--
B-11	10/12/1999	~4	--	69,000**	16,000	850	3,000	560	2,900	<0.5	--	--	--	--	--	--	--
B-12	10/12/1999	~4	--	8,600**	5,000	4	5	91	38	<0.5	--	--	--	--	--	--	--
B-13	10/12/1999	~4	--	110	77	2	0.8	1	3	<0.5	--	--	--	--	--	--	--
B-14	10/12/1999	~4	--	--	70	<0.5	1	0.8	3	<0.5	--	--	--	--	--	--	--
B-15	9/19/2007	~5	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.89	--	--	--	--	--	--	--
B-16-W	**3/29/2010**	**~5**	**--**	**160,000 (200,000)**	**# 47,000**	**# 4,400**	**130**	**2,100**	**4,400**	**800**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
B-17-W	**3/29/2010**	**~5**	**--**	**72,000 (87,000)**	**# 62,000**	**# 3,800**	**6,200**	**2,400**	**5,500**	**<250**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID / *TOC*	*Date Sampled*	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)		*TPHg* (µg/L)		*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
B-18-W	**3/29/2010**	**~5**	**--**	**170,000 (96,000)**	**#**	**69,000**	**#**	**6,800**	**250**	**2,900**	**9,600**	**<550**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
B-19-W	**3/29/2010**	**~5**	**--**	**63,000 (72,000)**	**#**	**15,000**	**#**	**82**	**6.7**	**270**	**31**	**<110**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
B-20-W	**3/29/2010**	**~5**	**--**	**370 (370)**	**#**	**91**	**#**	**<0.5**	**0.93**	**<0.5**	**<0.5**	**7.2**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
B-21-W	**3/29/2010**	**~5**	**--**	**120 (<50)**	**#**	**<50**	**#**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
B-23-W	**3/29/2010**	**~5**	**--**	**580 (230)**	**#**	**<50**	**#**	**8.0**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
B-24-W	**3/29/2010**	**~5**	**--**	**1,200 (980)**	**#**	**140**	**#**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**10**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
B-25-W	**3/29/2010**	**~5**	**--**	**230 (190)**	**#**	**<50**	**#**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Monitoring Well Samples																			
MW-1	4/6/2000	2.19	4.20	260		1,400		350	18	12	110	5	--	--	--	--	--	--	--
6.39	7/28/2000	2.55	3.84	1,000		10,000		1,300	1,900	240	1,700	<0.5	ND	--	--	--	--	--	--
	11/2/2000	2.11	4.28	510	#	11,000		1,200	1,800	230	1,600	<0.5	--	--	--	--	--	--	--
	3/7/2001	1.47	4.92	2	#	17,000		4,000	230	830	1,500	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.52	2.87	1,200	#	7,500		1,300	750	310	810	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	2.23	4.16	--		7,480		2,990	82.5	470	901	3*	108	--	--	--	--	--	--
	7/19/2002	2.55	3.84	--		5,060		1,070	172	2.8	733	3	104	--	--	--	--	--	--
	2/7/2003	2.17	4.22	--		8,260		3,020	43.3	493	448	10	326	--	--	--	--	--	--
	9/17/2003	2.85	3.54	--		7,020		1,250	241	112	1,250	<5	--	--	--	--	--	--	--
	12/23/2003	0.90	5.49	--		6,250		1,140	30.2	127	980	2.2	ND	--	--	--	--	--	--
	3/16/2004	1.84	4.55	--		2,000		408	2.6	30	101	<0.5*	ND	--	--	--	--	--	--
	6/29/2004	2.53	3.86	--		3,200		523	212	85.6	483	3.1*	ND	--	--	--	--	--	--

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID TOC	*Date* Sampled	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)		*TPHg* (µg/L)		*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
	7/22/2004	2.48	3.91	--		3,800		440	290	52	440	<5.0	--	--	--	--	--	--	--
MW-1	12/9/2004	0.38	6.01	--		--		--	--	--	--	--	--	--	--	--	--	--	--
cont.	3/31/2005	1.00	5.39	--		520	#	120	1.4	1.3	25	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.06	3.33	--		7,200	#	920	110	110	1,400	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.72	3.67	460	#	7,200	#	960	280	130	750	3.2	--	--	--	--	--	--	--
	3/14/2007	1.88	4.51	400	#	2,600	#	620	<1.7	2.1	33	<17	--	--	--	--	--	--	--
	9/19/2007	2.96	3.43	560	#	4,000	#	560	35	14	640	<50	--	--	--	--	--	--	--
	3/14/2008	1.72	4.67	590	#	2,300	#	640	5.9	<5.0	40	<50	--	--	--	--	--	--	--
	9/2/2008	2.93	3.46	590	#	4,000	#	490	50	46	780	<25	--	--	--	--	--	--	--
	3/9/2009	2.32	4.07	840	#	5,800	#	1,600	11	13	40	<80	--	--	--	--	--	--	--
	3/10/2010	**1.37**	**5.02**	**350**	**#**	**590**	**#**	**110**	**1.5**	**1.1**	**7.0**	**<15**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-2	4/6/2000	3.39	2.87	110		170		4	2	1	21	8	--	--	--	--	--	--	--
6.26	7/28/2000	3.53	2.73	400		860		150	22	11	100	3*	ND	--	--	--	--	--	--
	11/2/2000	4.03	2.23	240	#	940		160	39	25	95	1	--	--	--	--	--	--	--
	3/7/2001	5.16	1.10	0.10	#	570		86	7	14	33	<0.5	ND	--	--	--	--	--	--
	7/13/2001	4.08	2.18	170		320		60	5	6	20	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	3.51	2.75	--		483		120	19.3	12.5	56.1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.87	3.39	--		391	#	<0.5	<0.5	<0.5	<1	6.1*	67	--	--	--	--	--	--
	2/7/2003	2.77	3.49	--		482		43.1	1.7	9	60.2	8	ND	--	--	--	--	--	--
	9/17/2003	2.98	3.28	--		689		87.9	1.7	13.7	85.2	8.3*	87	--	--	--	--	--	--
	12/23/2003	2.68	3.58	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.54	3.72	--		763		97.5	1.3	9.9	72.9	14.3*	50	--	--	--	--	--	--
	6/29/2004	2.70	3.56	--		829		104	2.8	19.1	105	23.1*	77	--	--	--	--	--	--
	7/22/2004	2.63	3.63	--		590		55	3.2	13	65	15	--	--	--	--	--	--	--
	12/9/2004	3.42	2.84	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.40	3.86	--		450	#	82	1.4	12	47	17*	54	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.42	2.84	--		610	#	87	1.4	15	64	17	--	--	--	--	--	--	--
	8/24/2006	3.20	3.06	670	#	930	#	91	1.8	16	130	82*	--	--	--	--	--	--	--
	3/14/2007	3.25	3.01	480	#	1,100	#	120	1.3	20	99	70	--	--	--	--	--	--	--
	9/19/2007	3.84	2.42	710	#	660	#	55	2.8	10	63	42	--	--	--	--	--	--	--
	3/14/2008	3.60	2.66	420	#	950	#	110	<5.0	15	82	90	--	--	--	--	--	--	--
	9/2/2008	3.89	2.37	370	#	680	#	59	10	13	71	70	--	--	--	--	--	--	--
	3/9/2009	3.25	3.01	350	#	740	#	88	1.0	10	61	130	--	--	--	--	--	--	--
	3/10/2010	**4.29**	**1.97**	**560**	**#**	**350**	**#**	**18**	**1.5**	**4.7**	**19**	**100**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-3	4/6/2000	2.95	3.63	<50		690		1	6	5	32	4	--	--	--	--	--	--	--

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID *TOC*	*Date* *Sampled*	*Depth to Water* *(ft btoc)*	*Groundwater Elevation* *(ft amsl)*	*TPHd* *(µg/L)*	*TPHg* *(µg/L)*	*Benzene* *(µg/L)*	*Toluene* *(µg/L)*	*Ethylbenzene* *(µg/L)*	*Xylenes* *(µg/L)*	*MTBE* *(µg/L)*	*TBA* *(µg/L)*	*ETBE* *(µg/L)*	*TAME* *(µg/L)*	*DIPE* *(µg/L)*	*1,2-DCA* *(µg/L)*	*EDB* *(µg/L)*	*EtOH* *(µg/L)*
6.58	7/28/2000	3.27	3.31	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.24	3.34	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
MW-3	3/7/2001	2.13	4.45	<50	<50	0.8	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
cont.	7/13/2001	3.25	3.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	3.02	3.56	--	59	0.6	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.16	3.42	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.90	3.68	--	<50	1.1	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.38	4.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.60	3.98	--	67	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	6/29/2004	3.12	3.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	3.09	3.49	--	<50	<0.5	0.56	<0.5	1.4	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.95	3.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.08	4.50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5*	12	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.35	3.23	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	3.09	3.49	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5*	--	--	--	--	--	--	--
	3/14/2007	2.74	3.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	3.34	3.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	2.90	3.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	3.45	3.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	2.81	3.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	**2.90**	**3.68**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4	4/6/2000	3.03	3.72	<50	110	52	35	4	22	3	--	--	--	--	--	--	--
6.75	7/28/2000	3.35	3.4	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.27	3.48	<50	<50	<0.5	<0.5	<0.5	<1	2	--	--	--	--	--	--	--
	3/7/2001	2.61	4.14	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.37	3.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	3.19	3.56	<50	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.31	3.44	--	<50	<0.5	<0.5	<0.5	<1	4.5*	ND	--	--	--	--	--	--
	2/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								Well Destroyed in 2004									
MW-5	4/6/2000	2.68	3.73	<50	<50	8	1	0.6	1	19*	--	--	--	--	--	--	--
6.41	7/28/2000	2.93	3.48	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID *TOC*	*Date Sampled*	*Depth to Water (ft btoc)*	*Groundwater Elevation (ft amsl)*	*TPHd (µg/L)*		*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*DIPE (µg/L)*	*1,2-DCA (µg/L)*	*EDB (µg/L)*	*EtOH (µg/L)*
	11/2/2000	2.91	3.5	<50		<50	<0.5	<0.5	<0.5	<1	6*	--	--	--	--	--	--	--
	3/7/2001	2.40	4.01	<50		<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	2.94	3.47	--		--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/23/2002	2.77	3.64	--		<50	0.9	0.6	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
cont.	7/19/2002	2.89	3.52	--		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.65	3.76	--		<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.48	3.93	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.75	3.66	--		<50	<0.5	<0.5	<0.5	<1	6.8*	ND	--	--	--	--	--	--
	6/29/2004	2.92	3.49	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.66	4.75	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.82	3.59			--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.84	3.57			<50	<0.5	<0.5	<0.5	<0.5	2.6*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.12	3.29	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.96	3.45	<50		<50	<0.5	<0.5	<0.5	<0.5	0.61*	--	--	--	--	--	--	--
	3/14/2007	2.81	3.6	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.98	3.43	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	2.78	3.63	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	3.05	3.36	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	2.47	3.94	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	**2.82**	**3.59**	**--**		**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-6	7/13/2001	2.85	3.37	<50		<50	<0.5	<0.5	<0.5	<1	10*	ND	--	--	--	--	--	--
6.22	1/23/2002	2.70	3.52	--		<50	<0.5	<0.5	<0.5	<1	23*	ND	--	--	--	--	--	--
	7/19/2002	2.76	3.46	--		<50	<0.5	<0.5	<0.5	<1	7*	ND	--	--	--	--	--	--
	2/7/2003	2.57	3.65	--		<50	<0.5	<0.5	<0.5	<1	14	ND	--	--	--	--	--	--
	9/17/2003	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.25	3.97	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.35	3.87	--		<50	<0.5	<0.5	<0.5	<1	7.4*	ND	--	--	--	--	--	--
	6/29/2004	2.75	3.47	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.66	4.56	--		<50	<0.5	1.9	0.59	4.3	8.7	--	--	--	--	--	--	--
	12/9/2004	2.39	3.83	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.09	4.13	--		<50	<0.5	<0.5	<0.5	<0.5	20*	13	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	2.95	3.27	--		<50	<0.5	<0.5	<0.5	<0.5	8.1	--	--	--	--	--	--	--
	8/24/2006	2.65	3.57	54	#	<50	<0.5	<0.5	<0.5	<0.5	3.2	--	--	--	--	--	--	--
	3/14/2007	2.48	3.74	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.79	3.43	--		--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID TOC	*Date* Sampled	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)		*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
	3/14/2008	2.55	3.67	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	2.95	3.27	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	2.35	3.87	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	**2.60**	**3.62**	**--**		**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-7	7/13/2001	2.65	2.82	80		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
5.47	1/23/2002	1.74	3.73	--		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	1.75	3.72	--		98	6.3	2.8	1.7	6.8	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	1.62	3.85	--		<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	1.91	3.56	--		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	12/23/2003	0.70	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/16/2004	1.33	4.14	--		<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
cont.	6/29/2004	1.60	3.87	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.67	3.80	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	0.83	4.64	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.08	4.39	--		<50	<0.5	<0.5	<0.5	<0.5	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9.29/05	2.31	3.16	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.14	3.33	150	#	<50	<0.5	<0.5	<0.5	<0.5	0.54	--	--	--	--	--	--	--
	3/14/2007	1.97	3.50	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.34	3.13	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	1.96	3.51	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	2.36	3.11	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	1.77	3.70	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	**1.75**	**3.72**	**--**		**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-8	7/13/2001	1.99	2.95	700		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
4.94	1/23/2002	2.31	2.63	--		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.36	2.58	--		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.27	2.67	--		<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	2.52	2.42	--		<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	12/23/2003	1.30	3.64	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	1.95	2.99	--		<50	<0.5	<0.5	<0.5	<1	3.2*	ND	--	--	--	--	--	--
	6/29/2004	2.24	2.70	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	2.29	2.65	--		<50	<0.5	1.7	0.51	3.7	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.29	2.65	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.81	3.13	--		<50	<0.5	<0.5	<0.5	<0.5	1.7*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.01	1.93	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID / *TOC*	*Date Sampled*	*Depth to Water (ft btoc)*	*Groundwater Elevation (ft amsl)*	*TPHd (µg/L)*		*TPHg (µg/L)*		*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*DIPE (µg/L)*	*1,2-DCA (µg/L)*	*EDB (µg/L)*	*EtOH (µg/L)*
	8/24/2006	2.80	2.14	<50		<50		<0.5	<0.5	<0.5	<0.5	2.4*	--	--	--	--	--	--	--
	3/14/2007	2.66	2.28	74	#	<50	#	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	9/19/2007	3.01	1.93	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
MW-8	3/14/2008	2.68	2.26	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
cont.	9/2/2008	3.01	1.93	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/9/2009	2.43	2.51	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/10/2010	**2.45**	**2.49**	**<50**		**<50**		**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

Notes:
TOC = Elevation of the top of casing in feet relative to mean sea level
TOC elevation survey completed in July 2001 by Virgil Chavez Land Surveying
ft btoc = measured in feet below top of casing
ft amsl = measured in feet above sea level
TPHd = Total petroleum hydrocarbons as diesel by EPA modified Method SW8015C, (with sillica gel cleanup)
TPHg = Total petroleum hydrocarbons as gasoline by EPA modified Method SW8015C
Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method SW8021B
MTBE = Methyl-tert-butyl ether (MTBE) (EPA Method 8020 or 8021B)
TBA = tert-Butyl Alcohol (EPA Method 8260)
µg/L = Micrograms per liter
ND = compound not detected above laboratory reporting limits
<X = Concentration less than laboratory reporting limits
-- = Not analyzed / not applicable / not available
* = MTBE confirmed by EPA Method 8260
** = Does not match diesel pattern
# = See laboratory report for notes and/or a description of chromatogram pattern
NA = Not avaliable, not analyzed

Note: Total Dissolved Solids (TDS) analyzed for MW-3 on 7/13/01 showed concentration of 19,524 ppm.

APPENDIX A

AGENCY CORRESPONDENCE

SAN MATEO COUNTY
HEALTH SYSTEM

June 18, 2009

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr.
c/o Janet Heikel
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

Thank you for the May 13, 2009 *Revised Feasibility Study/Corrective Action Plan(CAP)*, and the April 27, 2009 *Groundwater Monitoring Report-First Quarter 2009* prepared by Conestoga-Rovers & Associates for the above referenced site. San Mateo County Groundwater Protection Program (GPP) generally concurs with the proposed remediation method (excavation), and proposed data gaps with regard to the horizontal and vertical extent of saturated soil contamination.

However the use of Environmental Screening Levels (ESLs) as clean-up goals for this site must be adequately justified. Assumptions used in the development of ESLs may not correspond to site-specific conditions at the site. (i.e. depth to groundwater at the site is 1-4 fbg vs. 10 fbg used in ESLs).

Due to the perceived lack of an immediate risk to human health or the environment under the current land use as a service station with currently detected concentrations, GPP will allow the proposed remedial excavation to occur upon the planned removal of the Underground Storage Tank (UST) system during the later half of 2012. However, should repairs or upgrades to the tank system facilitate access to impacted soil, or if the USTs are removed prior to this time, implementation of the proposed excavation will be required within 60 days. Should fueling operations at this site continue after 2012, an alternative remedial method must be selected and implemented by January 1, 2013.

Please submit a workplan to complete characterization of the vertical and lateral extent of saturated soil contamination as recommended in the CAP **by January 8, 2010**. Please include justification for the use of unmodified ESLs as clean-up goals or propose clean-up goals based on site-specific conditions. In addition you may reduce the frequency of monitoring and sampling of site wells to an annual basis, to occur during the first quarter.

I can be reached at (650) 372-6298 or by e-mail at jmadden@co.sanmateo.ca.us to answer any questions you may have regarding this letter. Thank you for your cooperation.

Sincerely,

Jacob Madden
Hazardous Materials Specialist
Groundwater Protection Program

cc: Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandam@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080
Sunil Ramdass, SWRCB, UST Cleanup Fund, SRAMDASS@waterboards.ca.gov

SAN MATEO COUNTY
HEALTH SYSTEM

January 21, 2010

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr. c/o Janet Heikel
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

Thank you for the January 11, 2010, *Additional Site Assessment Workplan* prepared by Conestoga-Rovers & Associates (CRA) for the above referenced site. It appears that CRA has two separate objectives. First, advance 15 borings to define the extent of the future excavation in the vicinity of the tanks and dispensers, and second, advance nine borings to define the source and extent of contamination in the vicinity of B-11 and MW-1. San Mateo County Groundwater Protection Program (GPP) concurs with the proposed scope of work with the following comments.

- It may be beneficial to postpone implementation of the 15 borings in the vicinity of the tanks and dispensers to immediately prior to the planned excavation in order to obtain current information for remedial decision making, and possible pre-characterization of soil. In addition, it appears that several proposed sample locations are located adjacent to previous borings (MW-2, MW-5 and B1 through B-6) that were below ESL's and even below detection limits. GPP cannot support fund reimbursement for these proposed borings at this time without further justification. Please be aware at the time of tank removal, sidewall samples will likely be required by CUPA staff to determine if a new release has occurred.

- It appears that justified site-specific clean-up goals were not included in the subject workplan as requested. Clean-up goals will need to be proposed prior to approval of a final remedial action plan (RAP). This may determine if excavation is even required or the extent of any remedial effort.

- Although not stated in the subject workplan, it is assumed that data collected during this investigation will be used to prepare a brief excavation RAP which may be included with the site assessment report.

Please submit a site assessment report/RAP with justified site-specific clean-up goals no later than **May 28, 2010.**

If you choose to postpone implementation of the 15 borings to define the future excavation extent, you may also postpone the RAP portion of the assessment report. However, at a minimum please submit the assessment report/RAP for the 15 proposed borings no later than **June 15, 2012.**

The next annual groundwater monitoring report is due no later than **May 15, 2010.**

I can be reached at (650) 372-6298 or by e-mail at jmadden@co.sanmateo.ca.us to answer any questions you may have regarding this letter. Thank you for your cooperation.

Sincerely,

Jacob Madden
Hazardous Materials Specialist
Groundwater Protection Program

cc: Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandam@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080
Sunil Ramdass, SWRCB, UST Cleanup Fund, SRAMDASS@waterboards.ca.gov

APPENDIX B

STANDARD OPERATING PROCEDURES

APPENDIX B

STANDARD FIELD PROCEDURES

Conestoga-Rovers & Associates

STANDARD FIELD PROCEDURES FOR HAND-AUGER SOIL BORINGS

This document describes Conestoga-Rovers & Associates standard field methods for drilling and sampling soil borings using a hand-auger. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor odor or staining, estimate ground water depth and quality and to submit samples for chemical analysis.

Soil Classification/Logging

All soil samples are classified according to the Unified Soil Classification System by a trained geologist or engineer working under the supervision of a California Professional Geologist (PG) or a Certified Engineering Geologist (CEG). The following soil properties are noted for each soil sample:

- Principal and secondary grain size category (i.e. sand, silt, clay or gravel)
- Approximate percentage of each grain size category,
- Color,
- Approximate water or product saturation percentage,
- Observed odor and/or discoloration,
- Other significant observations (i.e. cementation, presence of marker horizons, mineralogy), and
- Estimated permeability.

Soil Boring and Sampling

Hand-auger borings are typically drilled using a hand-held bucket auger to remove soil to the desired sampling depth. Samples are collected using lined split-barrel or equivalent samplers driven into undisturbed sediments beyond the bottom of the augered hole. The vertical location of each soil sample is determined using a tape measure. All sample depths use the ground surface immediately adjacent to the boring as a datum. The horizontal location of each boring is measured in the field from an onsite permanent reference using a measuring wheel or tape measure.

Augering and sampling equipment is steam-cleaned prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

Sample Storage, Handling and Transport

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

Field Screening

One of the remaining tubes is partially emptied leaving about one-third of the soil in the tube. The tube is capped with plastic end caps and set aside to allow hydrocarbons to volatilize from the soil. After ten to fifteen minutes, a portable photoionization detector (PID) measures volatile hydrocarbon vapor concentrations in the tube headspace, extracting the vapor through a slit in the cap. PID measurements are used along with the field observations, odors, stratigraphy and ground water depth to select soil samples for analysis.

Water Sampling

Water samples, if they are collected from the boring, are collected from the open borehole using bailers. The ground water samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory.

Duplicates and Blanks

Blind duplicate water samples are collected usually collected only for monitoring well sampling programs, at a rate of one blind sample for every 10 wells sampled. Laboratory-supplied trip blanks accompany samples collected for all sampling programs to check for cross-contamination caused by sample handling and transport. These trip blanks are analyzed if the internal laboratory QA/QC blanks contain the suspected field contaminants. An equipment blank may also be analyzed if non-dedicated sampling equipment is used.

Grouting

The borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

Waste Handling and Disposal

Soil cuttings from drilling activities are usually stockpiled onsite on top of and covered by plastic sheeting. At least four individual soil samples are collected from the stockpiles for later compositing at the analytic laboratory. The composite sample is analyzed for the same constituents analyzed in the borehole samples. Soil cuttings are transported by licensed waste haulers and disposed in secure, licensed facilities based on the composite analytic results.

Ground water removed during sampling and/or rinsate generated during decontamination procedures are stored onsite in sealed 55-gallon drums. Each drum is labeled with the drum number, date of generation, suspected contents, generator identification and consultant contact. Disposal of the water is based on the analytic results for the well samples. The water is either pumped out using a vacuum truck for transport to a licensed waste treatment/disposal facility or the individual drums are picked up and transported to the waste facility where the drum contents are removed and appropriately disposed.

Conestoga-Rovers & Associates

STANDARD FIELD PROCEDURES FOR GEOPROBE® SOIL AND GROUNDWATER SAMPLING

This document describes Conestoga-Rovers & Associates' standard field methods for GeoProbe® soil and groundwater sampling. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor odor or staining, estimate ground water depth and quality and to submit samples for chemical analysis.

Soil Classification/Logging

All soil samples are classified according to the Unified Soil Classification System by a trained geologist or engineer working under the supervision of a California Professional Geologist (PG) or a Certified Engineering Geologist (CEG). The following soil properties are noted for each soil sample:

- Principal and secondary grain size category (i.e., sand, silt, clay or gravel)
- Approximate percentage of each grain size category,
- Color,
- Approximate water or separate-phase hydrocarbon saturation percentage,
- Observed odor and/or discoloration, and
- Other significant observations (i.e., cementation, presence of marker horizons, mineralogy)
- Estimated permeability

Soil Sampling

GeoProbe® soil samples are collected from borings driven using hydraulic push technologies. A minimum of one and one half ft of the soil column is collected for every five ft of drilled depth. Additional soil samples can be collected near the water table and at lithologic changes. Samples are collected using samplers lined with polyethylene or brass tubes driven into undisturbed sediments at the bottom of the borehole. The ground surface immediately adjacent to the boring is used as a datum to measure sample depth. The horizontal location of each boring is measured in the field relative to a permanent on-site reference using a measuring wheel or tape measure.

Drilling and sampling equipment is steam-cleaned or washed prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

Sample Storage, Handling and Transport

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon® tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

Field Screening

After a soil sample has been collected, soil from the remaining tubing is placed inside a sealed plastic bag and set aside to allow hydrocarbons to volatilize from the soil. After ten to fifteen minutes, a portable GasTech® or photoionization detector measures volatile hydrocarbon vapor concentrations in the bag's headspace, extracting the vapor through a slit in the plastic bag. The measurements are used along with the field observations, odors, stratigraphy and ground water depth to select soil samples for analysis.

Grab Groundwater Sampling

Groundwater samples are collected from the open borehole using bailers, advancing disposable Tygon® tubing into the borehole and extracting ground water using a diaphragm pump, or using a hydro-punch style sampler with a bailer or tubing. The ground water samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4° C, and transported under chain-of-custody to the laboratory.

Duplicates and Blanks

Blind duplicate water samples are usually collected only for monitoring well sampling programs, at a rate of one blind sample for every 10 wells sampled. Laboratory-supplied trip blanks accompany samples collected for all sampling programs to check for cross-contamination caused by sample handling and transport. These trip blanks are analyzed if the internal laboratory quality assurance/quality control (QA/QC) blanks contain the suspected field contaminants. An equipment blank may also be analyzed if non-dedicated sampling equipment is used.

Grouting

If the borings are not completed as wells, the borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

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APPENDIX C

PERMITS

2009 SUBSURFACE DRILLING PERMIT APPLICATION

ENVIRONMENTAL HEALTH SERVICES DIVISION

SAN MATEO COUNTY HEALTH DEPARTMENT
1009 ALAMEDA DE LAS PULGAS, SUITE 150, SAN MATEO CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

ALLOW FIVE (5) WORKING DAYS FOR PROCESSING PERMIT

Fees: $544 (env/wells) and $340 (geo borings only)

DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST THREE (3) WORKING DAYS IN ADVANCE

PURPOSE OF APPLICATION: ☐ GROUNDWATER MONITORING WELL INSTALLATION/DESTRUCTION ☑ CONSTRUCT SOIL BORINGS ☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ PERMIT EXTENSION OF PERMIT #MW_____
NO. OF WELLS_____ NO. OF BORINGS 10 WELL/BORING NAMES B-6 thru B-25

PURPOSE OF DRILLING: ☑ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY: ☐ COUNTY GROUNDWATER PROTECTION PROGRAM ☑ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

Site Name_____ Assessor's Parcel #_____ (one per permit)
Drilling Location Address 131 Terminal Ct. City South San Francisco
To Be Constructed In: ☐ Public Property ☑ Private Property ☐ Refuse ☐ Other_____
Maximum Proposed Depth Wells/Borings 10 (feet) Drilling Method Direct push
Boring Diameter 2" Casing Diameter NA Screen Interval NA
Development Method NA (additional 72 hour staff notification required)
Destruction Method (6 gallons water tank per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT NAME SHOULD MATCH SIGNATURE)

Name Oyster JV Contact Person Steve Hirtle / Tree Bedrock
Address 1300 Industrial Rd. Suite 2 City, State, ZIP San Carlos, CA 94070
Telephone (650) 596-9950 Email_____
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature [signature] Date 2-24-10

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLLS SHOULD MATCH SIGNATURE)

Name Golden Gate Produce Terminal Contact Person Primo R. Rubetta
Address 131 Terminal Ct City, State, ZIP SSF CA 94080
Telephone 650-583-4886 Email 6607212@aol.com
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. *(Letter signed by property owner, containing above language, or copy of drilling permit may be substituted for signature on permit application.)*
Property Owner's Signature [signature] Mgr Date 3-4-10

Drilling Company: Vapor Tech Services Contact Person Glen Kaspe
Address: 1378 66th Street C57 Drillers License # 916065
City, State, ZIP Berkeley CA 94702 Telephone/Email (415) 378-0415
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature [signature] Date 2-23-10

Consultant Company: CRA Project Manager Robert Foss
Address: 5900 Hollis St. Telephone (510) 420-3348
City, State, ZIP Emeryville CA 94608 Email Rfoss@craworld.com
I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) Robert Foss
Responsible Professional's Signature Robert Foss Date 3/4/10
California Professional Geologist (PG) No. 7445 **or Civil Engineer No.**_____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees
Revised every January 1

 2009 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations must be included with the permit application. The well/boring location map must include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is required by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit must be available on site while work related to the permit is being performed. Drilling date and time must be scheduled with County staff at least three (3) working days in advance of field work. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from work or stoppage work associated with the permit including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings must be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit must be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is required within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. In addition to the County copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, must be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions must be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in construction procedure, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County.

G. Permit is valid for one mobilization only and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to notified start time, will result in the Consultant will be billed an Inspection Cancellation fee of $249 for 2009 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight must conform to County GPP guidelines, Regional Water Quality Control Board guidelines, and State Water Well Standards.

J. Top-of-casing elevation of all wells must be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

K. Latitude and longitude of all wells must be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS:_____

Approved:_____ RO/SD#_____ Date:_____

Revised every January 1

2009 SUBSURFACE DRILLING PERMIT APPLICATION

PERMIT APPLICATION INSTRUCTIONS AND FEES

San Mateo County Health Department Groundwater Protection Program (GPP) is the permitting agency for all subsurface drilling for environmental and geotechnical purposes within San Mateo County except in the City of Daly City. All drilling in the City of Daly City is permitted by the City of Daly City Water and Wastewater Department personnel at (650) 991-8200 with appropriate notification to GPP for GPP lead sites. San Mateo County Health Department Land Use Program (LUP) reviews all water well permit applications (www.smhealth.org/environ/forms) for public supply well, domestic well, agricultural well, cathodic protection well, exploratory well, and geothermal heat exchange well construction and destruction and permit applications for all reconnaissance, investigation, and excavation work strictly for land use purposes. Please contact the LUP at (650) 363-4305 to discuss permitting, notification, and drilling requirements for these types of wells and drilling.

A subsurface drilling permit is required if groundwater is anticipated to be encountered, drilling extends deeper than 11 feet, or groundwater or vapor wells are to be installed or destroyed. Allow 5 working days (Monday through Friday) for processing permit after receipt by San Mateo County before you will be allowed to drill under the permit. The permit is good for 120 days. A 120-day extension may be granted for permits which have not been used during the original 120-day time frame upon completion of this Subsurface Drilling Permit Application and payment of the permit extension fee if applied for prior to the original permit expiring. Permits are good for only one mobilization. The Date and the Time of the beginning of the drilling must be scheduled with the County inspector at least 1 working days (Monday through Friday) prior to the drilling via phone call, voice mail, fax, or email. This may occur concurrently with the processing time; however, please allow 2 working days (Monday through Friday) after the permit application is received by San County for the County inspector to review the permit application prior to providing notification. Notification can not be accepted at the time of Subsurface Drilling Permit Application submission or any time prior to the County inspector reviewing the permit application. Cancellation of field work can happen up to 1 minute prior to the notified start time via voice mail or email. However, should the cancellation of the field work not occur in time and GPP staff attempted to perform an inspection, then the Consultant will be billed an Inspection Cancellation fee of $249 for 2009. The permit is still valid until its expiration date.

Section 1: Purpose of Application
At least one of the four boxes must be selected; however, multiple boxes may be selected as long as all of the wells and borings are on the same assessor's parcel or public right-of-way (see Section 4). A boring under this permit application is defined as a constructed hole lasting less than 24 hours before being properly destroyed. After 24 hours, the constructed hole is considered a well under this permit application which needs to be constructed appropriately unless special conditions are approved as part of the permit. If Permit Extension is selected, then write in the permit number of the permit to be extended. List the number of wells and borings anticipated to be drilled and what they will be named. This number may change in the field based on conditions encountered.

Section 2: Purpose of Drilling
At least one of the two boxes must be selected; however, both boxes may be selected as long as both purposes of drillings are to be conducted on the same assessor's parcel or public right-of-way (see Section 4).

For Geotechnical Drilling in which only borings will be constructed, the 2009 fee is $340. This type of drilling may also be conducted under San Mateo County's Annual Geotechnical Drilling Permit in which consulting companies pay an annual fee of $680 to perform this type of drilling an unlimited amount of times. Please note, a Notification Form similar to this Subsurface Drilling Permit Application must be completely filled out and submitted at least 3 business days prior to drilling under the Annual Geotechnical Drilling Permit.

For Environmental Drilling of both borings and wells, Geotechnical Drilling of wells, or any combination of these with Geotechnical Drilling of borings only, the 2009 fee is $544. If there are several wells and borings over several contiguous assessor's parcels and public right-of-ways, then discuss the fee with the County inspector for that district by calling the main number at the top of the application. The County inspector may charge only one fee for borings and wells constructed across contiguous assessor's parcels and public right-of-ways during one mobilization. However, this is dependent on how much the County inspector believes will need to be inspected in the field and how much review time of required submittals will be needed.

For Permit Extensions, the 2009 fee is 50% of the fee for the type of drilling the day the permit extension is requested. If the rest of the information is to remain the same, then only Section 8 with the registered professional's signature needs to be completed. If any portion of the original application is to be updated, then the appropriate section(s) would need to be filled out completely with any required signatures.

Section 3: Required By
One of the three boxes must be selected. The County Groundwater Protection Program would relate only to investigations of known contaminated sites the County is the lead agency on. For drilling required by the Regional Water Quality Control Board (RWQCB), Department of Toxic Substances Control (DTSC), or the United States Environmental Protection Agency (USEPA), please include a copy of their approval letter. Other would refer to investigations required by the County CUPA (Hazardous Materials Program), County Land Use or Solid Waste Programs, or the County or City Planning or Building Departments or voluntary investigations for due diligence or property transactions.

2009 SUBSURFACE DRILLING PERMIT APPLICATION

PERMIT APPLICATION INSTRUCTIONS AND FEES (CONTINUED)

Section 4: Drilling Information
All applicable spaces must be filled in. Site name refers to the name of the project under which the investigation is being conducted. Assessor's parcel number is the 9-digit number corresponding to the specific private property drilling is proposed to be conducted on (County Assessor's web site property.smcgov.org under Property Assessment or www.sanmateocountytaxcollector.org under Secured Property Taxes). Each permit can include only one assessor's parcel number. If the drilling is to be conducted only in public right-of-ways, then the assessor's parcel number space should be filled in with NA for not applicable. If drilling is to occur on both a private property and a contiguous public right-of-way, then two permits (one for the private property and one for the public right-of-way) must be filled out. Address and City refer to the location of the specific property drilling is proposed to be conducted on. The Address for a public right-of-way would simply be the name of the specific section of the public right-of-way (such as 100 block of Main Street). To be Constructed in must have one box selected. Again, this differentiates between a public right-of-way and a private property. Refuse is a special land use designation which needs to be indicated on the permit application. The rest of this section is self-explanatory, may change in the field based on conditions encountered, and must be filled in except for Development Method if only borings are being constructed and destroyed within 24 hours.

Destruction Method requires the use of a maximum of 6 gallons of water per 94 pounds of cement. This measurement (for both water and cement) must be able to be demonstrated in the field upon request from the inspector (such as using a 5-gallon bucket for measuring the water and using entire bags of cement). For pressure grouting, the well construction log must be submitted. The sand pack may not be more than 3 feet above the top of the screened interval, the screened interval may not be longer than 25 feet, and the bottom of the original boring may not be more than 2 feet deeper than the bottom of the constructed well. The total depth of the well and the fact that there are no obstructions in the well must be verified in the field. Type I/II cement grout must be premixed into the well, followed by application of 25 psi pressure maintained for 5 minutes (which should be able to be demonstrated in the field). If the well does not meet pressure grouting criteria, it must be destroyed by drilling out to the total depth of the original boring. The well casing and all annular material must be removed, and the borings then permanently grouted to the surface using Type I/II cement grout. A general observation made by San Mateo County inspectors is that grouting borings using a ¼ inch PVC pipe, typically used to collect grab groundwater samples in borings, does not work without a grout pump. The destruction methodology should be described in the required work plan. Free falling grout is only allowed if the boring is dry, or if water is present in less than 10% of the boring, and less than 30 feet deep.

Section 5: Well/Boring Owner
The name of the entity owning the wells and borings must be listed along with their contact person (if different from the name of the well/boring owner), address, telephone number, and email address. The contact person must be directly associated with or an agent of the entity owning the wells and borings such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A telephone number and an email address must be provided to allow the County inspector to contact the well/boring owner to verify information if necessary. By providing an email address, the well/boring owner will receive an electronic copy of the permit. The permit application must be signed and dated by either the entity listed as the owner of the wells and borings or the contact person. Signatures (Sections 5 through 8) do not need to be wet; however, one copy of the permit application must contain all of the information besides the signatures in a legible format. ALL SIGNATURES REQUIRED (SECTIONS 5 THROUGH 8) DO NOT NEED TO BE ON THE SAME COPY OF THE PERMIT APPLICATION.

Section 6: Property Owner
The name of the entity owning the property must be listed and needs to match the name listed with the County Assessor for this property. The contact person must be directly associated with or an agent of the entity owning the property such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A telephone number and an email address must be provided to allow the County inspector to contact the property owner to verify information if necessary. By providing an email address, the property owner will receive an electronic copy of the permit. The permit application must be signed and dated by the entity listed as the property owner only. AGENTS CAN NOT SIGN FOR THE PROPERTY OWNER. For public right-of-way, a copy of the Encroachment permit can be substituted for the property owner signature. It is known by San Mateo County that the City of San Mateo will not issue an encroachment permit until the subsurface drilling permit is issued, but the City of San Mateo will issue a letter of intent to issue an encroachment permit which is acceptable to San Mateo County as a substitute for the property owner signature in City of San Mateo right-of-way.

Section 7: Drilling Company
The name of the company proposed to drill the wells and borings must be listed along with the drilling company contact person, address, telephone number, and email address. In addition, the driller's C57 license number must be provided. A telephone number and an email address must be provided to allow the County inspector to contact the drilling company to verify information if necessary. By providing an email address, the drilling company will receive an electronic copy of the permit. The permit application must be signed and dated by the driller's contact person. If the drilling company changes, then a new subsurface drilling permit application should be filled out completely except for Sections 5, 6, and 8.

Section 8: Consulting Company
The name of the company overseeing the proposed drilling of the wells and borings must be listed along with the project manager, address, telephone number, and email address. The responsible professional overseeing the work must print their name legibly, sign their name and date, and provide either their California Professional Geologist number or California Civil Engineering number.

CITY OF SOUTH SAN FRANCISCO
ENGINEERING DIVISION
315 MAPLE AVENUE, SOUTH SAN FRANCISCO, CA 94080

FOR INSPECTIONS CALL (650) 877-8554
FOR QUESTIONS/APPLICATIONS CALL (650) 829-6652

PERMIT TO BE KEPT ON PREMISES AT ALL

ENCROACHMENT PERMIT

(PLEASE PRINT OR TYPE)

The Encroachment Permit can only be issued to a licensed contractor with a valid license.

NAME OF APPLICANT	REPRESENTING	LOCATION OF WORK
CRA: CALVIN HEE	☐ OWNER ☒ CONTRACTOR	131 Terminal Ct

NAME OF PROPERTY OWNER	ADDRESS	CITY, STATE ZIP	TELEPHONE
Golden Gate Produce	131 Terminal Ct	SSF, CA	(650) 583-4887

NAME OF CONTRACTOR	ADDRESS	CITY, STATE ZIP	TELEPHONE
Vapor Tech Services	1348 66th St	Berkeley CA 94702	(415) 378-6415

CA. CONTR. LICENSE #	SSF BUSINESS LICENSE #	USA# (NOT VALID W/O #)	ESTIMATED START DATE	ESTIMATED COMPLETION DATE
VTS C-57: 916085 CRA = 655376	103946	026745	March 8, 2010	March 8, 2010

ESTIMATED CONSTRUCTION COST: (ESTIMATE WORK IN CITY RIGHT OF WAY ONLY. DO NOT INCLUDE VALUE OF UTILITY.)	DIMENSIONS OF EXCAVATION (ATTACH COPY OF CAL/OSHA PERMIT IF DEPTH IS 5 FEET OR MORE)
$500	N/A

DESCRIPTION OF WORK: *(ATTACH MAP AND PLANS AND/OR REFERENCE APPLICABLE CITY STANDARD PLAN DRAWINGS)*

Subsurface Investigation: - Advancement of soil borings to 10' bgs
- collect soil & GW samples

GENERAL CONDITIONS

1. Construction permits shall have the approval of the City Engineer and/or a designated representative and shall be in conformance with Standard Plan Drawings of the City of South San Francisco
2. All work shall be done subject to the supervision and to the satisfaction of the Public Works Department Cuts in the street must be neat and straight, and sidewalks must be saw cut **IMPORTANT: Call "Before you Dig" 1-800-227-2600.**
3. Excavation and shoring that is 5 feet deep or more shall conform to CAL/OSHA requirements.
4. Excavations MUST be covered at the end of each working day as directed by the Public Works Inspector
5. Provisions for two-way traffic shall be maintained at all times and must conform to Caltrans construction safety standards
6. The first two inspections are included in the cost of the Encroachment Permit For each additional inspection, the Contractor shall pay $100 prior to additional inspections. Payments shall be made in the Engineering Division
7. Encroachment Permit Deposits will be refunded upon proper installation of facilities, compaction of backfill, and replacement of pavement to satisfaction of the Public Works Inspector. Please call (650)877-8554 for a final inspection. Refund of deposit will **automatically** be processed upon receiving a satisfactory final inspection. Please allow a few weeks for processing.
8. If permitted work involves utilities (electric, gas, water, communications, etc) within the City's right-of-way, an additional $500 deposit will be assessed for as-built drawings, to be provided to the City. The $500 deposit will be released when the City receives an Auto CAD file with as-built information from the Utility Companies and provided that the Auto CAD file is received within 6 months of the permit issuance date or deposit will be forfeited.
9. Applicant shall hold the City of South San Francisco and its employees, agents and representatives harmless and assume all liablility for claims which may arise by or because of this permit, nor by issuance of this permit shall the City of South San Francisco and its employees, agents and representatives assume any obligation for future changes made by or because of design, construction, maintenance and/or traffic.

SPECIAL CONDITIONS *(LEAVE BLANK FOR USE BY CITY STAFF.)*

REFUND DEPOSIT TO: CRA 5900 Hollis St. Emeryville, CA 94608

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS PERMIT AND THE ABOVE CONDITIONS, THAT THE INFORMATION GIVEN BY ME IS CORRECT, THAT I AM THE OWNER OR THE DULY AUTHORIZED AGENT OF THE OWNER, AND THAT I AGREE TO COMPLY WITH THE ABOVE CONDITIONS AND ALL APPLICABLE PROVISIONS OF STATE LAWS, CITY ORDINANCES, AND THE RULES OF ANY GOVERNMENTAL AGENCY INVOLVED

SIGNATURE OF APPLICANT *(OWNER OR AUTHORIZED AGENT)*	TITLE	DATE
	Staff Scientist	3/1/10

DO NOT WRITE BELOW THIS LINE - FOR USE BY CITY STAFF

PERMIT EXPIRES	Permit Fee (Non-Refundable)	$ 100.00	Reinspection Fee	$0.00
4/30/10	Inspection Fee (Non-Refundable)	$0.00	Permit Deposit (Refundable)	~~$0.00~~ $100.00

APPROVED BY CITY ENGINEER	DATE ISSUED	DATE U.S.A. # RECEIVED	TOTAL DUE TO THE CITY $
BY: [signature]	3-1-10		☐ PAID ☐ INVOICE

APPROVED BY P.W. INSPECTOR	DATE	ENGINEER'S ESTIMATE	RECEIPT NO. DATE:
BY:		0.00	

CC: INSPECTOR, FILE

PERMIT NO: E10-0054

RECEIPT

Printed: **3/1/2010 4:31 pm**

PMR36620

City of South San Francisco
Finance Department
Cash Collections

Permit Number: E10-0054

Job Address:

Fee Description	Account Number	Fee Amount
Encroachment Permit Deposit	40-00000-2304	$ 100.00

Total Fees Paid: **$ 100.00**

Paid By: **Conestoga Rovers & Associates**

Address: **5900 Hollis Street, Suite A**

Pay Method: **BFPCheck 10881**

Received By: **Rosalie Calvo**

Paid Date: **3/1/2010**

RECEIPT

Printed: **3/1/2010 4:31 pm**

PMR36621

City of South San Francisco
Finance Department
Cash Collections

Permit Number: E10-0054

Job Address:

Fee Description	Account Number	Fee Amount
Encroachment Permit Fee	10-00000-3204-1377	$ 100.00

Total Fees Paid: **$ 100.00**

Paid By: **Conestoga Rovers & Associates**

Address: **5900 Hollis Street, Suite A**

Pay Method: **BFPCheck 10882**

Received By: **Rosalie Calvo**

Paid Date: **3/1/2010**

10881

CONESTOGA - ROVERS & ASSOCIATE
5900 HOLLIS ST. STE A
EMERYVILLE, CA 94608-2008

90-4187/1211

DATE 3/1/2010

PAY TO THE ORDER OF City of South San Francisco $ 100 00

One hundred 00/100 DOLLARS

Security Features Included. Details on Back.

TWO SIGNATURES REQUIRED FOR OVER $5000

Bank of Marin
415-259-0365 800-654-5111
999 Andersen Dr., San Rafael, CA 94901

FOR 161558-126

MP

⑈010881⑈ ⑆121141877⑆ 07 303480⑈

10882

CONESTOGA - ROVERS & ASSOCIATE
5900 HOLLIS ST. STE A
EMERYVILLE, CA 94608-2008

90-4187/1211

DATE 3/1/2010

PAY TO THE ORDER OF City of South San Francisco $ 100 00

One hundred 3 00/100 DOLLARS

Security Features Included. Details on Back.

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Bank of Marin
415-259-0365 800-654-5111
999 Andersen Dr., San Rafael, CA 94901

FOR 161558-126

MP

⑈010882⑈ ⑆121141877⑆ 07 303480⑈

APPENDIX D

SOIL BORING LOGS

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-16
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	5.0 fbg (29-Mar-10) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Potential hydrocarbon sheen observed at 2'. Perched zone at ~2'.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 8 inches thick.	0.6	
							FILL: GRAVEL with Clay, and Sand: Olive gray (5Y 3/2); moist; 10% clay, 5% silt, 10% sand, 75% angular gravel up to 2" diameter; non-plastic; high estimated permeability. At 2': Grayish olive green (5GY 3/2); wet.		
251		B-16- 2.5						3.0	
					SC		**Clayey SAND:** Olive gray (5Y 3/2); wet; 30% clay, 70% fine to medium grained sand; non-low plasticity, moderate estimated permeability. **Clayey SAND with Silt and Gravel:** Grayish olive (10Y 4/2); moist; 20% clay, 15% silt, 60% sand, 5% angular gravel up to 1/2" diameter, low plasticity, moderate estimated permeability. ▽	5.0	Portland Type I/II
36.3		B-16- 5		5	SW		**SAND:** Olive gray (5Y 3/2); wet; 100% fine to medium grained sand; non-plastic; high estimated permeability.	6.0	
					CL		**Silty CLAY:** Grayish olive (10Y 4/2); wet; 70% clay, 30% silt; medium plasticity; low estimated permeability.		
3.4		B-16- 7.5						8.5	
					OH		**Silty CLAY "Bay Mud":** Black (N1); wet; 90% clay, 10% silt; presence of organic matter; high plasticity; low estimated permeability.		
2.3		B-16- 10		10				10.0	Bottom of Boring @ 10 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615-\161558\161558~1\16C3F4~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-17
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	6.5 fbg (29-Mar-10) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	50% recovery from 5'-8'.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 8 inches thick.	0.6	
2.1							**FILL: GRAVEL with Clay, Sand:** Olive grey (5Y 3/2); moist; 10% clay, 5% silt, 10% sand, 75% angular gravel up to 2" diameter; non-plastic; high estimated permeability.	2.5	
107		B-17-2.5					**FILL: Sandy GRAVEL with Clay:** Moderate yellowish brown (10YR 5/4); moist; 10% clay, 5% silt, 20% sand, 65% gravel; low plasticity; high estimated permeability.	3.0	
259					CL		**Sandy CLAY:** Dark yellowish brown (10YR 6/6); moist; 60% clay, 40% sand; medium plasticity; low estimated permeability.	4.5	
36.8		B-17-5		5	SW		At 4': as above but Grayish olive (10Y 4/2). **SAND:** Grayish olive (10Y 4/2); moist; 100% fine to medium grained sand; non-plastic; high estimated permeability. ▽	6.5	Portland Type I/II
7.1		B-17-7.5			CL		**Silty CLAY:** Grayish olive (10Y 4/2); wet; 70% clay, 30% silt; medium plasticity; moderate estimated permeability.	8.0	
							No Recovery: Rock Obstruction.		
				10				10.0	Bottom of Boring @ 10 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-1\116C3F4~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-18
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	5.0 fbg (29-Mar-10) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Perched zone at ~2'.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 6 inches thick.	0.5	
							FILL: GRAVEL with Clay, and Sand: Olive gray (5Y 3/2); moist; 10% clay, 5% silt, 10% sand, 75% angular gravel up to 2" diameter; high estimated permeability.		
264							At 2': Wet.		
245		B-18- 2.5						3.0	
					CL		**Sandy CLAY with Silt:** Grayish olive (10Y 4/2); moist; 65% clay, 10% silt, 25% sand; medium plasticity; low *estimated permeability.*	3.5	
89					SW		**SAND:** Grayish olive (10Y 4/2); moist; 100% fine to medium grained sand; high estimated permeability. ▽	5.0	
17.9		B-18- 5		5			**Gravelly SAND with Silt:** Moderate yellowish brown (10YR 5/4); wet; 10% silt, 50% sand, 40% gravel; high estimated permeability.	6.0	◄ Portland Type I/II
							Sandy CLAY with gravel: Dark yellowish brown (10YR 4/2); wet; 60% clay, 30% sand, 10% angular gravel up to 1/2" diameter; medium estimated plasticity; high estimated permeability.		
4.2		B-18- 7.5			CL		**Silty CLAY with Sand:** Dark yellowish brown (10YR 4/2); wet; 70% clay, 20% silt, 10% fine grained sand; medium plasticity; low estimated permeability.		
								9.0	
0.0		B-18- 10		10	OH		**Silty CLAY "Bay Mud":** Black (N1); wet; 90% clay, 10% silt; presence of organic matter; high plasticity; low estimated permeability.	10.0	Bottom of Boring @ 10 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558--1\16C3F4--1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-19
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	5.0 fbg (29-Mar-10)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Potential hydrocarbon sheen observed at 2'.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 8 inches thick.	0.6	
18							**FILL: GRAVEL with Clay, and Sand:** Olive gray (5Y 3/2); moist; 10% clay, 5% silt, 10% sand, 75% angular gravel up to 2" diameter; low estimated plasticity, high estimated permeability.	2.5	
1.6		B-19- 2.5			CL		**Sandy, Gravelly CLAY:** Dark yellowish orange (10YR 6/6); moist; 50% clay, 25% sand, 25% gravel; low plasticity; moderate estimated permeability.	3.8	
					SW		**SAND with Gravel:** Olive gray (5Y 3/2); moist; 90% sand, 10% gravel; moderate estimated permeability. At 4': Dark yellowish orange (10YR 6/6).	4.8	
1.1		B-19- 5		5	CL		**Sandy CLAY with Silt:** Grayish olive (10Y 4/2); wet; 60% clay, 10% silt, 30% fine to medium grained sand; medium plasticity; moderate estimated permeability.	6.0	Portland Type I/II
					SW		**SAND with Gravel:** Dark yellowish brown (10YR 4/2); wet; 90% fine to medium grained sand, 10% gravel; high estimated permeability.	7.0	
0.7		B-19- 7.5			CL		**Silty CLAY with Sand:** Dark yellowish brown (10YR 4/2); wet; 60% clay, 30% silt, 10% sand; medium plasticity; low estimated permeability.	8.5	
0.5		B-19- 10		10	OH		**Silty CLAY "Bay Mud":** Black (N1); wet; 90% clay, 10% silt; presence of organic matter; high plasticity; low estimated permeability.	10.0	Bottom of Boring @ 10 fbg

WELL LOG (PID) I:\IR\6-CHARTS\1615--1\161558\161558-1116C3F4~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-20
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	5.0 fbg (29-Mar-10) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 4 inches thick.	0.3	
5.3							**FILL: GRAVEL with Sand:** Dark yellowish brown (10YR 4/2); moist; 5% clay, 5% silt, 10% sand, 80% angular gravel up to 2" diameter; high estimated permeability.	1.5	
					SW		**SAND:** Grayish olive (10Y 4/2); moist; 100% fine to medium grained sand; high estimated permeability.		
0.3		B-20- 2.5						3.0	
					SC		**Clayey SAND with Silt:** Dark yellowish orange (10YR 6/6); moist; 30% clay, 10% silt, 60% sand; medium plasticity; low estimated permeability. @ 4', Olive gray (5Y 3/2).		
							▽	5.0	Portland Type I/II
0.0		B-20- 5		5	SC		**Clayey, Gravelly SAND:** Olive gray (5Y 3/2); wet; 30% clay, 40% sand, 30% gravel; low plasticity; moderate estimated permeability.	6.0	
					CL		**Silty CLAY:** Dark yellowish brown (10YR 4/2); 70% clay, 30% silt; medium plasticity; moderate estimated permeability. **Sandy, Silty CLAY:** Dark yellowish brown (10YR 4/2); 60% clay, 20% silt, 20% sand; medium plasticity; low estimated permeability.		
0.0		B-20- 7.5						9.0	
					OH		**Silty CLAY "Bay Mud":** Black (N1); wet; 90% clay, 10% silt; presence of organic matter; high plasticity; low estimated permeability.		
0.0		B-20- 10		10				10.0	Bottom of Boring @ 10 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-1116C3F4~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

CONESTOGA-ROVERS & ASSOCIATES
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-21
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	5.0 fbg (29-Mar-10) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 4 inches thick.	0.3	
							FILL: GRAVEL with Sand: Dusky yellowish brown (10YR 2/2); moist; 5% clay, 5% silt, 10% sand, 80% angular gravel up to 2" diameter; high estimated permeability.	1.5	
0.0		B-21-2.5			SW		**SAND:** Olive gray (5Y 3/2); moist; 100% fine to medium grained sand; non-plastic; high estimated permeability.		
							At 3.0': Grayish olive (10Y 4/2); moist.	3.0	
0.0		B-21-5		5	SW		At 5': Dark yellowish orange (10YR 6/6); wet. ▽		Portland Type I/II
							At 6.5': Olive gray (5Y 3/2).		
0.3		B-21-7.5			CL		**CLAY with Gravel and Silt:** Grayish olive (10Y 4/2); 80% clay, 10% silt, 10% round gravel up to 1/2" diameter; medium plasticity; low estimated permeability.	7.5	
0.6		B-21-10		10	OH		**Silty CLAY "Bay Mud":** Black (N1); wet; 90% clay, 10% silt; presence of organic matter; high plasticity; low estimated permeability.	9.0 / 10.0	Bottom of Boring @ 10 fbg

WELL LOG (PID) I:\IR\6-CHARTS\1615-\161558\161558-1116C3F4-1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-22
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Refusal at 6'		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 1 foot thick.	1.0	
							FILL: GRAVEL with Sand: Dark yellowish brown (10YR 4/2); moist; 5% clay, 5% silt, 10% sand, 80% angular gravel up to 2" diameter; high estimated permeability.	1.8	
0.2		B-22-2.5			SW		**SAND:** Dark yellowish orange (10YR 6/6); moist; 100% fine to medium grained sand; high estimated permeability.	3.0	Portland Type I/II
					CL		**Sandy, Gravelly CLAY:** Olive gray (5Y 3/2); moist; 60% 25% sand, 15% gravel; presence of wood debris; low plasticity; low estimated permeability. At 4': Moderate yellowish brown (10YR 5/4).	5.0	
0.0		B-22-5		5	SW		**SAND:** Dark yellowish brown (10YR 6/6) 100% fine to medium grained sand; high estimated permeability.	6.0	
							Refusal		Bottom of Boring @ 6 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558--1\16C3F4~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

Jones&Stokes (CRA)
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-23
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	5.0 fbg (29-Mar-10) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 5 inches thick.	0.4	
							FILL: GRAVEL with Sand: Dark yellowish orange (10YR 6/6); moist; 5% clay, 5% silt, 10% sand, 80% angular gravel up to 2" diameter; high estimated permeability.	1.0	
					SW		**SAND:** Dark yellowish orange (10YR 6/6); moist; 95% fine to medium grained sand, 5% gravel; high estimated permeability.	2.0	
0.0		B-23- 2.5			CL		**Sandy CLAY:** Moderate yellowish brown (10YR 5/4); moist; 70% clay, 5% silt, 20% sand, 5% gravel; medium plasticity; low estimated permeability. At 3.5': no gravel.	4.5	
				5	SW		**SAND:** Moderate olive brown (5Y 4/4); moist; 95% fine to medium grained sand, 5% clay; high estimated permeability. ▽ At 5': Dark yellowish orange (10YR 6/6); wet. **SAND:** Grayish olive (10Y 4/2); wet; 100% medium to coarse grained sand, high estimated permeability.	7.0	Portland Type I/II
0.0		B-23- 7.5			CL		**Gravelly CLAY:** Dark yellowish orange (10YR 6/6); 60% clay, 40% gravel; moist; medium plasticity; moderate estimated permeability.		
0.0		B-23- 10		10	SW		**SAND:** Olive gray (5Y 3/2); wet, 100% fine to medium grained sand; high estimated permeability; 20% recovery.	10.0	
								12.0	Bottom of Boring @ 12 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615-\161558\161558~1\116C3F4~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-24
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	6.0 fbg (29-Mar-10) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 4 inches thick.	0.3	
							FILL: GRAVEL with Clay and Sand: Olive gray (5Y 3/2); moist; 10% clay, 5% silt, 10% sand, 75% angular gravel up to 2" diameter; low estimated plasticity; high estimated permeability.	1.5	
					SW		**FILL: SAND:** Dark yellowish orange (10YR 6/6); moist; 100% fine to medium grained sand; high estimated permeability.	2.0	
0.0		B-24-2.5			GC		**FILL: GRAVEL with Clay and Sand:** Olive gray (5Y 3/2); 10% clay, 10% sand, 80% angular gravel up to 1" diameter; low estimated plasticity; high estimated permeability.	3.0	
0.0					CL		**Silty CLAY with Sand:** Moderate yellowish brown (10YR 5/4); moist; 75% clay, 15% silt, 10% sand; low plasticity; low estimated permeability.	4.0	
0.8		B-24-5		5	SW		**SAND:** Grayish olive (10Y 4/2); moist; 100% fine to medium grained sand; high estimated permeability. ▽	6.0	Portland Type I/II
					CL		**Sandy CLAY:** Grayish olive (10Y 4/2); stiff; 70% clay, 30% sand; low plasticity; low estimated permeability.	7.0	
0.0		B-24-7.5			SC		**Clayey SAND:** Dusky yellowish brown (10YR 2/2); wet; 40% clay, 60% sand; medium plasticity; low-moderate estimated permeability.	8.0	
					CL		**Silty CLAY:** Dusky yellowish brown (10YR 2/2); wet; 45% clay, 35% silt, 20% sand; medium plasticity; moderate estimated permeability.	9.5	
0.0		B-24-10		10	OH		**Silty CLAY "Bay Mud":** Black (N1); wet; 70% clay, 30% silt; presence of organic matter; high plasticity; low-moderate estimated permeability.	10.0	Bottom of Boring @ 10 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--1\161558\161558~1\16C3F4~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-25
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	29-Mar-10
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	29-Mar-10
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVALS**	NA
LOGGED BY	C. Hee	**DEPTH TO WATER (First Encountered)**	9.0 fbg (29-Mar-10) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: 1 foot 2 inches thick.	1.2	
					CL		**FILL: GRAVEL with Clay and Sand:** Olive gray; (5Y 3/2); moist; 10% clay, 5% silt, 10% sand, 75% angular gravel up to 2" diameter; low plasticity; high estimated permeability.	2.0	
0.5		B-25- 2.5			SW		**Sandy, Gravelly CLAY:** Moderate yellowish brown (10YR 5/4); moist; 50% clay, 20% sand, 30% gravel; medium plasticity; low estimated permeability.	2.5 3.0	
					CL		**SAND:** Moderate yellowish brown (10YR 5/4); 100% fine to medium grained sand; high estimated permeability.	4.5	
0.9		B-25- 5		5	SC		**Sandy, Gravelly CLAY:** Moderate yellowish brown (10YR 5/4); moist; 50% clay, 25% sand, 35% gravel; medium plasticity; low estimated permeability.	5.0	
							Clayey SAND: Dark yellowish brown (10YR 6/6); moist; 20% clay, 80% sand; low plasticity; high estimated permeability.		
					SW		**SAND:** Dark yellowish brown (10YR 6/6); moist; 100% fine to medium grained sand; high estimated permeability. At 7': Grayish olive (10Y 4/2).		Portland Type I/II
0.4		B-25- 7.5						8.5	
					CL		**Sandy, Gravelly CLAY with Silt:** Dusky yellow (5Y 6/4); wet; 60% clay, 10% silt, 15% sand, 15% gravel; medium plasticity; low estimated permeability. ▽		
0.8		B-25- 10		10				10.0	
					OH		**Silty CLAY "Bay Mud":** Black (N1); wet; 90% clay, 10% silt; presence of organic matter; high plasticity; low-moderate estimated permeability.		
				15				15.0	Bottom of Boring @ 15 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558--1116C3F4--1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 5/26/10

APPENDIX E

LABORATORY ANALYTICAL REPORTS

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct.	Date Sampled: 03/29/10
		Date Received: 03/30/10
5900 Hollis St, Suite A	Client Contact: Robert Foss	Date Reported: 04/07/10
Emeryville, CA 94608	Client P.O.:	Date Completed: 04/07/10

WorkOrder: 1003860

April 07, 2010

Dear Robert:

Enclosed within are:

1) The results of the **32** analyzed samples from your project: **#161558; Olympian-Terminal Ct.,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1003960

McCAMPBELL ANALYTICAL, INC.
1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☒ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Robert Foss	Bill To: Robert Foss
Company: CRA	
5900 Hollis, Suite A	Chee@craworld.com
Emeryville, CA	E-Mail: bfoss@craworld.com
Tele: (510) 420-3348	Fax: (510) 420-9170
Project #: 161558	Project Name: Olympian-Terminal Ct.
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other	Analysis Request: TPHd (8015M)	TPHg (8015)	BTEX (8021/8260) / MTBE	MTBE (8021/8015)	Other	Comments
B-20 - 5		3/29/10	18:30	1	5S		X				X				X	X	X			P 1/4
B-20 - 7.5			18:30																	Hold
B-20 - 10			18:40																	Hold
B-18 - 5			19:00												X	X	X			
B-18-7.5			19:00												X	X	X			
B-18-10			19:05																	Hold
B-17 - 5			19:20												X	X	X			
B-17-7.5			19:20												X	X	X			
B-16 - 5			19:45												X	X	X			
B-16-7.5			19:40												X	X	X			
B-16-10			19:45																	Hold
B-19 - 5			20:05												X	X	X			
B-19-7.5			20:05																	Hold
B-19-10			20:10																	Hold

Relinquished By:	Date: 3/29/10	Time: 8:00 PM	Received By:
Relinquished By:	Date: 3/30/10	Time: 505	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.2°

COMMENTS:

GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____
APPROPRIATE CONTAINERS____
PRESERVED IN LAB____

VOAS O&G METALS OTHER
PRESERVATION____ pH<2____

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ **PDF** ☒ **Excel** ☐ **Write On (DW)** ☐

☐ Check if sample is effluent and "J" flag is required

Report To: ~~Robert Foss~~ RON SCHEELE Bill To: ~~Robert Foss~~ RON SCHEELE

Company: CRA

5900 Hollis, Suite A Chee@craworld.com

Emeryville, CA E-Mail: ~~bfoss@craworld.com~~

Tele: (510) ~~420-3348~~ Fax: (510) 420-9170

Project #: 161558 Project Name: Olympian-Terminal Ct.

Project Location: 131 Terminal Court, South San Francisco, CA

Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: TPHd (8015M)	TPHg (~~8021~~/8015)	BTEX (8021/~~8015~~) /MTBE	~~MTBE (8021/8015)~~	Other	Comments
B-20-2.5		3/29/10	8:50	1	SS		X				X				X	X	X			
B-21-2.5			9:30	1	SS		X				X									
B-24-2.5			10:10																	
B-18-2.5			10:45																	
B-16-2.5			12:00																	
B-19-2.5			12:35																	
B-17-2.5			11:15																	
B-25-2.5			14:30																	
B-22-2.5			15:00																	
B-23-2.5			15:50												X	X	X	X	9	
B-21-5			18:00												X	X	X			
B-21-7.5			18:05																	Hold
B-24-10			18:10																	Hold

Relinquished By:	Date:	Time:	Received By:
	3/30/10	15:15	
Relinquished By:	Date:	Time:	Received By:
	3/30/10	505	
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____ COMMENTS:
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

VOAS O&G METALS OTHER
PRESERVATION_____ pH<2_____

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☒ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Robert Foss	Bill To: Robert Foss
Company: CRA	
5900 Hollis, Suite A	Chee@craworld.com
Emeryville, CA	E-Mail: bfoss@craworld.com
Tele: (510) 420-3348	Fax: (510) 420-9170
Project #: 161558	Project Name: Olympian-Terminal Ct.
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: TPHd (8015M)	TPHg (8015)	BTEX (8021/8260) MTBE	Other	Comments
B-25-5		3/29/10	16:10	1	ss		↑				↑				X	X	X		
B-25-7.5		↓	16:20	↓	↓		↓				↓								Hold
B-25-10			16:15																Hold
B-22-5			16:40												X	X	X		
B-23-7.5			17:05												X	X	X		
B-23-10			17:10																Hold
B-24-5			17:40												X	X	X		
B-24-7.5			17:40																Hold
B-24-10			17:45																Hold
B-25-15		↓	16:20	↓	↓		↓				↓								Hold

Relinquished By:	Date: 3/30	Time: 15:45	Received By:
Relinquished By:	Date: 3/30/2005	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____ COMMENTS:
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

VOAS O&G METALS OTHER
PRESERVATION pH<2

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ **PDF** ☒ **Excel** ☐ **Write On (DW)** ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Robert Foss	**Bill To:** Robert Foss
Company: CRA	
5900 Hollis, Suite A	Chee@craworld.com
Emeryville, CA	E-Mail: bfoss@craworld.com
Tele: (510) 420-3348	**Fax:** (510) 420-9170
Project #: 161558	**Project Name:** Olympian-Terminal Ct.
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCL	HNO_3	Other	TPHd (8015M)	TPHg (~~8015~~/8015)	BTEX (8021/~~8260~~) /MTBE	~~MTBE (8021/8015)~~	Other	Comments
B-16-W		3/29/10	20:00	3	Glass	X					X	X			X	X	X	X		P4/4
B-17-W			19:30																	
B-18-W			19:15																	
B-19-W			20:20																	
B-20-W			18:50																	
B-21-W			18:20																	
~~B-22-W~~																				
B-23-W			17:30																	
B-24-W			17:50																	
B-25-W			17:40																	
~~B-26-W~~		3/29/10	16:40																	

Relinquished By:	**Date:** 3/30/10	**Time:** ~~15:15~~	**Received By:**
Relinquished By:	**Date:** 3/30/10	**Time:** 505	**Received By:**
Relinquished By:	**Date:**	**Time:**	**Received By:**

ICE/t°_____ **COMMENTS:**
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

VOAS O&G METALS OTHER
PRESERVATION_____ pH<2_____

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1003860 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Robert Foss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: bfoss@craworld.com, chee@craworld.c
cc:
PO:
ProjectNo: #161558; Olympian-Terminal Ct.

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **03/30/2010**
Date Printed: **03/30/2010**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1003860-001	B-20-5	Soil	3/29/2010 18:30	☐	A		A	A								
1003860-004	B-18-5	Soil	3/29/2010 19:00	☐	A			A								
1003860-005	B-18-7.5	Soil	3/29/2010 19:00	☐	A			A								
1003860-007	B-17-5	Soil	3/29/2010 19:20	☐	A			A								
1003860-008	B-17-7.5	Soil	3/29/2010 19:20	☐	A			A								
1003860-009	B-16-5	Soil	3/29/2010 19:45	☐	A			A								
1003860-010	B-16-7.5	Soil	3/29/2010 19:40	☐	A			A								
1003860-012	B-19-5	Soil	3/29/2010 20:05	☐	A			A								
1003860-015	B-20-2.5	Soil	3/29/2010 8:50	☐	A			A								
1003860-016	B-21-2.5	Soil	3/29/2010 9:30	☐	A			A								
1003860-017	B-24-2.5	Soil	3/29/2010 10:10	☐	A			A								
1003860-018	B-18-2.5	Soil	3/29/2010 10:45	☐	A			A								
1003860-019	B-16-2.5	Soil	3/29/2010 12:00	☐	A			A								
1003860-020	B-19-2.5	Soil	3/29/2010 12:35	☐	A			A								

Test Legend:

1	G-MBTEX_S	2	G-MBTEX_W	3	PREDF REPORT	4	TPH(D)_S	5	TPH(D)_W
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1003860 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Robert Foss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: bfoss@craworld.com, chee@craworld.c
cc:
PO:
ProjectNo: #161558; Olympian-Terminal Ct.

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **03/30/2010**
Date Printed: **03/30/2010**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1003860-021	B-17-2.5	Soil	3/29/2010 11:15	☐	A			A								
1003860-022	B-25-2.5	Soil	3/29/2010 14:30	☐	A			A								
1003860-023	B-22-2.5	Soil	3/29/2010 15:00	☐	A			A								
1003860-024	B-23-2.5	Soil	3/29/2010 15:50	☐	A			A								
1003860-025	B-21-5	Soil	3/29/2010 18:00	☐	A			A								
1003860-028	B-25-5	Soil	3/29/2010 16:10	☐	A			A								
1003860-031	B-22-5	Soil	3/29/2010 16:40	☐	A			A								
1003860-032	B-23-7.5	Soil	3/29/2010 17:05	☐	A			A								
1003860-034	B-24-5	Soil	3/29/2010 17:40	☐	A			A								
1003860-038	B-16-W	Water	3/29/2010 20:00	☐		A			B							
1003860-039	B-17-W	Water	3/29/2010 19:30	☐		A			B							
1003860-040	B-18-W	Water	3/29/2010 19:15	☐		A			B							
1003860-041	B-19-W	Water	3/29/2010 20:20	☐		A			B							
1003860-042	B-20-W	Water	3/29/2010 18:50	☐		A			B							

Test Legend:

1	G-MBTEX_S	2	G-MBTEX_W	3	PREDF REPORT	4	TPH(D)_S	5	TPH(D)_W
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1003860 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Robert Foss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: bfoss@craworld.com, chee@craworld.c
cc:
PO:
ProjectNo: #161558; Olympian-Terminal Ct.

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **03/30/2010**
Date Printed: **03/30/2010**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1003860-043	B-21-W	Water	3/29/2010 18:20	☐		A			B							
1003860-044	B-23-W	Water	3/29/2010 17:30	☐		A			B							
1003860-045	B-24-W	Water	3/29/2010 17:50	☐		A			B							
1003860-046	B-25-W	Water	3/29/2010 16:40	☐		A			B							

Test Legend:

1	G-MBTEX_S	2	G-MBTEX_W	3	PREDF REPORT	4	TPH(D)_S	5	TPH(D)_W
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**

Date and Time Received: **3/30/2010 6:43:22 PM**

Project Name: **#161558; Olympian-Terminal Ct.**

Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **1003860** Matrix Soil/Water

Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct.	Date Sampled: 03/29/10
		Date Received: 03/30/10
5900 Hollis St, Suite A	Client Contact: Robert Foss	Date Extracted: 03/30/10-04/06/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 04/02/10-04/06/10

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1003860

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	B-20-5	S	ND	ND	ND	ND	ND	ND	1	84	
004A	B-18-5	S	300	ND<2.5	4.7	10	3.7	15	50	---#	d1
005A	B-18-7.5	S	5.9	ND	0.038	0.011	0.066	0.21	1	82	d1
007A	B-17-5	S	190	ND<0.50	0.84	1.2	3.8	5.5	10	122	d1
008A	B-17-7.5	S	4.2	ND	0.041	0.061	0.087	0.17	1	85	d1
009A	B-16-5	S	270	ND<1.0	1.1	0.14	5.8	15	20	110	d1
010A	B-16-7.5	S	2.4	ND	0.029	ND	0.033	0.078	1	88	d1
012A	B-19-5	S	ND	ND	ND	ND	ND	ND	1	81	
015A	B-20-2.5	S	ND	ND	ND	ND	ND	ND	1	85	
016A	B-21-2.5	S	ND	ND	ND	ND	ND	ND	1	84	
017A	B-24-2.5	S	ND	ND	ND	ND	ND	ND	1	90	
018A	B-18-2.5	S	3900	ND<5.0	13	1.4	50	170	100	---#	d1
019A	B-16-2.5	S	100	ND<1.0	0.29	0.15	0.96	3.2	20	111	d1
020A	B-19-2.5	S	7.1	ND	ND	ND	ND	0.0077	1	88	d7,d9
021A	B-17-2.5	S	ND	ND	0.0054	ND	0.016	0.022	1	91	
022A	B-25-2.5	S	ND	ND	ND	ND	ND	ND	1	92	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
d1) weakly modified or unmodified gasoline is significant
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct.	Date Sampled: 03/29/10
		Date Received: 03/30/10
5900 Hollis St, Suite A	Client Contact: Robert Foss	Date Extracted: 03/30/10-04/06/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 04/02/10-04/06/10

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1003860

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
023A	B-22-2.5	S	ND	ND	ND	ND	ND	ND	1	92	
024A	B-23-2.5	S	ND	ND	ND	ND	ND	ND	1	82	
025A	B-21-5	S	ND	ND	ND	ND	ND	ND	1	85	
028A	B-25-5	S	ND	ND	ND	ND	ND	ND	1	81	
031A	B-22-5	S	ND	ND	ND	ND	ND	ND	1	91	
032A	B-23-7.5	S	ND	ND	ND	ND	ND	ND	1	90	
034A	B-24-5	S	1.4	ND	0.0056	ND	ND	0.0056	1	86	d1
038A	B-16-W	W	47,000	800	4400	130	2100	4400	10	102	d1,b6,b1
039A	B-17-W	W	62,000	ND<250	3800	6200	2400	5500	50	109	d1,b6,b1
040A	B-18-W	W	69,000	ND<550	6800	250	2900	9600	50	111	d1,b6,b1
041A	B-19-W	W	15,000	ND<110	82	6.7	270	31	10	102	d1,b6,b1
042A	B-20-W	W	91	7.2	ND	0.93	ND	ND	1	110	d1,b1
043A	B-21-W	W	ND	ND	ND	ND	ND	ND	1	98	b1
044A	B-23-W	W	ND	ND	8.0	ND	ND	0.64	1	100	b1
045A	B-24-W	W	140	10	ND	ND	ND	ND	1	99	d7,b1
046A	B-25-W	W	ND	ND	ND	ND	ND	ND	1	98	b1
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L			
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg			

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
d1) weakly modified or unmodified gasoline is significant
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct.	Date Sampled: 03/29/10
		Date Received: 03/30/10
5900 Hollis St, Suite A	Client Contact: Robert Foss	Date Extracted: 03/30/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed 04/02/00-04/06/10

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3510C/SW3550C Analytical methods: SW8015B Work Order: 1003860

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1003860-001A	B-20-5	S	ND	1	87	
1003860-004A	B-18-5	S	38	1	105	e4,e2
1003860-005A	B-18-7.5	S	1.8	1	102	e2,e4
1003860-007A	B-17-5	S	66	1	103	e4,e2
1003860-008A	B-17-7.5	S	ND	1	81	
1003860-009A	B-16-5	S	130	1	85	e4,e1
1003860-010A	B-16-7.5	S	2.9	1	106	e2,e4
1003860-012A	B-19-5	S	7.6	1	100	e7,e2,e4
1003860-015A	B-20-2.5	S	4.9	1	95	e7,e2
1003860-016A	B-21-2.5	S	ND	1	86	
1003860-017A	B-24-2.5	S	ND	1	87	
1003860-018A	B-18-2.5	S	2800	10	111	e4,e2,e7
1003860-019A	B-16-2.5	S	48	1	110	e1
1003860-020A	B-19-2.5	S	4.8	1	87	e2,e4,e7
1003860-021A	B-17-2.5	S	ND	1	87	
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	50	µg/L		
		S	1.0	mg/Kg		

* water samples are reported in ug/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct.	Date Sampled: 03/29/10
		Date Received: 03/30/10
5900 Hollis St, Suite A	Client Contact: Robert Foss	Date Extracted: 03/30/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed 04/02/00-04/06/10

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3510C/SW3550C Analytical methods: SW8015B Work Order: 1003860

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1003860-022A	B-25-2.5	S	24	1	86	e7,e2
1003860-023A	B-22-2.5	S	2.7	1	86	e7,e2
1003860-024A	B-23-2.5	S	ND	1	105	
1003860-025A	B-21-5	S	ND	1	106	
1003860-028A	B-25-5	S	ND	1	105	
1003860-031A	B-22-5	S	2.9	1	99	e7,e2
1003860-032A	B-23-7.5	S	ND	1	105	
1003860-034A	B-24-5	S	5.0	1	101	e7,e2,e4
1003860-038B	B-16-W	W	160,000	20	96	e4,e2,b6,b1
1003860-039B	B-17-W	W	72,000	20	97	e4,e2,b6,b1
1003860-040B	B-18-W	W	170,000	20	119	e4,e2,b6,b1
1003860-041B	B-19-W	W	63,000	20	84	e4,e2,b6,b1
1003860-042B	B-20-W	W	370	1	82	e7,e2,e4,b1
1003860-043B	B-21-W	W	120	1	101	e2,b1
1003860-044B	B-23-W	W	580	1	99	e7,e2,e4,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	1.0	mg/Kg

* water samples are reported in ug/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant

DHS ELAP Certification 1644

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Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct.	Date Sampled: 03/29/10
		Date Received: 03/30/10
5900 Hollis St, Suite A	Client Contact: Robert Foss	Date Extracted: 03/30/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed 04/02/00-04/06/10

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3510C/SW3550C Analytical methods: SW8015B Work Order: 1003860

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1003860-045B	B-24-W	W	1200	1	96	e7,e2,e4,b1
1003860-046B	B-25-W	W	230	1	102	e7,e2,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	1.0	mg/Kg

* water samples are reported in ug/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant

DHS ELAP Certification 1644

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 49622 WorkOrder 1003860

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1003860-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	113	112	0.580	112	114	1.64	70 - 130	20	70 - 130	20
MTBE	ND	0.10	84.2	81.2	3.62	85.4	90.9	6.16	70 - 130	20	70 - 130	20
Benzene	ND	0.10	99.1	98	1.19	99.6	102	2.07	70 - 130	20	70 - 130	20
Toluene	ND	0.10	101	99.6	0.926	101	104	2.51	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	102	101	1.75	103	104	0.952	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	104	103	1.12	105	108	2.69	70 - 130	20	70 - 130	20
%SS:	84	0.10	104	97	7.24	102	108	5.72	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 49622 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003860-001A	03/29/10 6:30 PM	03/30/10	04/02/10 10:38 PM	1003860-004A	03/29/10 7:00 PM	03/30/10	04/04/10 12:36 AM
1003860-005A	03/29/10 7:00 PM	03/30/10	04/03/10 4:55 AM	1003860-007A	03/29/10 7:20 PM	03/30/10	04/03/10 8:36 PM
1003860-008A	03/29/10 7:20 PM	03/30/10	04/03/10 12:08 AM	1003860-009A	03/29/10 7:45 PM	03/30/10	04/03/10 9:06 PM
1003860-010A	03/29/10 7:40 PM	03/30/10	04/03/10 8:33 AM	1003860-012A	03/29/10 8:05 PM	03/30/10	04/06/10 4:19 PM
1003860-015A	03/29/10 8:50 AM	03/30/10	04/03/10 2:38 AM	1003860-016A	03/29/10 9:30 AM	03/30/10	04/03/10 12:38 AM
1003860-017A	03/29/10 10:10 AM	03/30/10	04/03/10 4:37 AM	1003860-018A	03/29/10 10:45 AM	03/30/10	04/04/10 3:05 AM
1003860-019A	03/29/10 12:00 PM	03/30/10	04/04/10 5:04 AM	1003860-020A	03/29/10 12:35 PM	03/30/10	04/06/10 3:49 PM
1003860-021A	03/29/10 11:15 AM	03/30/10	04/03/10 9:06 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 49633 WorkOrder 1003860

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1003860-032A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	94.2	95.3	1.18	98.1	98.8	0.657	70 - 130	20	70 - 130	20
MTBE	ND	0.10	93.4	95.9	2.70	96.4	98.1	1.78	70 - 130	20	70 - 130	20
Benzene	ND	0.10	83.1	81.3	2.18	83.9	83.3	0.657	70 - 130	20	70 - 130	20
Toluene	ND	0.10	81.3	80.5	0.890	82.6	82.3	0.314	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	80.9	79.6	1.60	82	82.2	0.301	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	81.4	80.7	0.859	82.5	82.8	0.391	70 - 130	20	70 - 130	20
%SS:	90	0.10	96	95	1.38	96	91	5.67	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 49633 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003860-022A	03/29/10 2:30 PM	03/30/10	04/03/10 6:57 AM	1003860-023A	03/29/10 3:00 PM	03/30/10	04/03/10 7:38 AM
1003860-024A	03/29/10 3:50 PM	03/30/10	04/03/10 8:19 AM	1003860-025A	03/29/10 6:00 PM	03/30/10	04/03/10 9:00 AM
1003860-028A	03/29/10 4:10 PM	03/30/10	04/06/10 3:19 PM	1003860-031A	03/29/10 4:40 PM	03/30/10	04/03/10 10:22 AM
1003860-032A	03/29/10 5:05 PM	03/30/10	04/02/10 8:45 PM	1003860-034A	03/29/10 5:40 PM	03/30/10	04/03/10 9:38 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 49636 WorkOrder 1003860

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1003864-005A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	111	107	3.24	105	107	1.42	70 - 130	20	70 - 130	20
MTBE	ND	10	87.8	88.3	0.545	86.8	89.5	3.08	70 - 130	20	70 - 130	20
Benzene	ND	10	99.7	98.1	1.59	96.7	97.2	0.471	70 - 130	20	70 - 130	20
Toluene	ND	10	101	99.5	1.61	97.9	98.5	0.646	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	103	103	0	100	99.6	0.661	70 - 130	20	70 - 130	20
Xylenes	ND	30	106	105	1.36	103	103	0	70 - 130	20	70 - 130	20
%SS:	103	10	99	99	0	99	99	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 49636 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003860-038A	03/29/10 8:00 PM	04/04/10	04/04/10 12:18 AM	1003860-039A	03/29/10 7:30 PM	04/06/10	04/06/10 7:47 AM
1003860-040A	03/29/10 7:15 PM	04/06/10	04/06/10 8:19 AM	1003860-041A	03/29/10 8:20 PM	04/04/10	04/04/10 1:58 AM
1003860-042A	03/29/10 6:50 PM	04/04/10	04/04/10 4:33 AM	1003860-043A	03/29/10 6:20 PM	04/06/10	04/06/10 5:47 PM
1003860-044A	03/29/10 5:30 PM	04/06/10	04/06/10 5:40 AM	1003860-045A	03/29/10 5:50 PM	04/06/10	04/06/10 6:20 PM
1003860-046A	03/29/10 4:40 PM	04/04/10	04/04/10 6:41 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 49623 WorkOrder 1003860

EPA Method SW8015B **Extraction SW3550C** **Spiked Sample ID: 1003860-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	95.3	94.9	0.336	99.4	103	3.85	70 - 130	30	70 - 130	30
%SS:	87	25	97	96	0.653	90	93	3.48	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 49623 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003860-001A	03/29/10 6:30 PM	03/30/10	04/04/10 3:11 PM	1003860-004A	03/29/10 7:00 PM	03/30/10	04/03/10 9:58 PM
1003860-005A	03/29/10 7:00 PM	03/30/10	04/06/10 2:26 AM	1003860-007A	03/29/10 7:20 PM	03/30/10	04/03/10 7:39 PM
1003860-008A	03/29/10 7:20 PM	03/30/10	04/04/10 2:02 PM	1003860-009A	03/29/10 7:45 PM	03/30/10	04/04/10 10:33 AM
1003860-010A	03/29/10 7:40 PM	03/30/10	04/04/10 1:32 AM	1003860-012A	03/29/10 8:05 PM	03/30/10	04/06/10 4:43 AM
1003860-015A	03/29/10 8:50 AM	03/30/10	04/03/10 11:40 AM	1003860-016A	03/29/10 9:30 AM	03/30/10	04/06/10 12:47 PM
1003860-017A	03/29/10 10:10 AM	03/30/10	04/04/10 9:23 AM	1003860-018A	03/29/10 10:45 AM	03/30/10	04/03/10 12:39 AM
1003860-019A	03/29/10 12:00 PM	03/30/10	04/05/10 9:51 PM	1003860-020A	03/29/10 12:35 PM	03/30/10	04/04/10 8:14 AM
1003860-021A	03/29/10 11:15 AM	03/30/10	04/06/10 10:27 AM	1003860-022A	03/29/10 2:30 PM	03/30/10	04/04/10 4:49 AM
1003860-023A	03/29/10 3:00 PM	03/30/10	04/04/10 3:40 AM	1003860-024A	03/29/10 3:50 PM	03/30/10	04/04/10 8:14 AM
1003860-025A	03/29/10 6:00 PM	03/30/10	04/04/10 3:40 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 49634 WorkOrder 1003860

EPA Method SW8015B **Extraction SW3550C** **Spiked Sample ID: 1003860-034A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	5.0	40	102	101	0.629	103	101	2.15	70 - 130	30	70 - 130	30
%SS:	101	25	99	97	1.67	95	93	2.06	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 49634 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003860-028A	03/29/10 4:10 PM	03/30/10	04/04/10 1:24 AM	1003860-031A	03/29/10 4:40 PM	03/30/10	04/06/10 3:34 AM
1003860-032A	03/29/10 5:05 PM	03/30/10	04/04/10 9:23 AM	1003860-034A	03/29/10 5:40 PM	03/30/10	04/06/10 6:59 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 49609 WorkOrder 1003860

EPA Method SW8015B **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	100	101	0.789	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	97	97	0	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 49609 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003860-038B	03/29/10 8:00 PM	03/30/10	04/02/00 8:42 AM	1003860-039B	03/29/10 7:30 PM	03/30/10	04/02/00 7:34 AM
1003860-040B	03/29/10 7:15 PM	03/30/10	04/05/00 8:33 PM	1003860-041B	03/29/10 8:20 PM	03/30/10	04/06/10 12:47 PM
1003860-042B	03/29/10 6:50 PM	03/30/10	04/06/10 11:37 AM	1003860-043B	03/29/10 6:20 PM	03/30/10	04/06/10 11:37 AM
1003860-044B	03/29/10 5:30 PM	03/30/10	04/05/00 4:52 AM	1003860-045B	03/29/10 5:50 PM	03/30/10	04/05/00 10:08 PM
1003860-046B	03/29/10 4:40 PM	03/30/10	04/06/00 12:24 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct.	Date Sampled: 03/29/10
		Date Received: 03/30/10
5900 Hollis St, Suite A	Client Contact: Robert Foss	Date Reported: 04/07/10
Emeryville, CA 94608	Client P.O.:	Date Completed: 04/13/10

WorkOrder: 1003860

April 14, 2010

Dear Robert:

Enclosed within are:

1) The results of the **9** analyzed samples from your project: **#161558; Olympian-Terminal Ct.,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1003860

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY
GeoTracker EDF ☒ PDF ☒ Excel ☐ Write On (DW) ☐
☐ Check if sample is effluent and "J" flag is required

Report To: Robert Foss	Bill To: Robert Foss
Company: CRA	
5900 Hollis, Suite A	Chee@craworld.com
Emeryville, CA	E-Mail: bfoss@craworld.com
Tele: (510) 420-3348	Fax: (510) 420-9170
Project #: 161558	Project Name: Olympian-Terminal Ct.
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCL	HNO_3	Other	TPHd (8015M)	TPHg (~~8015~~/8015)	BTEX (8021/~~8015~~) /MTBE	~~MTBE (8021/8015)~~	TPH(d) WSG per CH 04/07/10 5-day	Other	Comments
B-16-W		3/29/10	20:00	3	Glass	X					X	X			X	X	X	X	X		P4/4
B-17-W			19:30																		
B-18-W			19:15																		
B-19-W			20:20																		
B-20-W			18:50																		
B-21-W			18:20																		
~~B-22-W~~																					
B-23-W			17:30																		
B-24-W			17:50																		
B-25-W			17:00																		
~~B-26-W~~		3/16/10	~~16:40~~																		

Relinquished By:	Date: 3/30/10	Time: 16:15	Received By:	
Relinquished By:	Date: 3/30/10	Time: 505	Received By:	
Relinquished By:	Date:	Time:	Received By:	

ICE/t°_____ COMMENTS:
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 100386 A **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Robert Foss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3309 FAX (510) 420-9170

Email: bfoss@craworld.com, chee@craworld.c
cc:
PO:
ProjectNo: #161558; Olympian-Terminal Ct.

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days
Date Received: **03/30/2010**
Date Add-On: **04/07/2010**
Date Printed: **04/07/2010**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1003860-038	B-16-W	Water	3/29/2010 20:00	☐	C											
1003860-039	B-17-W	Water	3/29/2010 19:30	☐	C											
1003860-040	B-18-W	Water	3/29/2010 19:15	☐	C											
1003860-041	B-19-W	Water	3/29/2010 20:20	☐	C											
1003860-042	B-20-W	Water	3/29/2010 18:50	☐	C											
1003860-043	B-21-W	Water	3/29/2010 18:20	☐	C											
1003860-044	B-23-W	Water	3/29/2010 17:30	☐	C											
1003860-045	B-24-W	Water	3/29/2010 17:50	☐	C											
1003860-046	B-25-W	Water	3/29/2010 16:40	☐	C											

Test Legend:

1	TPH(D)WSG_W	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments: TPH(d) with SG added per Calvin Hee 5-day 04/07/10.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct.	Date Sampled: 03/29/10
		Date Received: 03/30/10
5900 Hollis St, Suite A	Client Contact: Robert Foss	Date Extracted: 04/07/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed 04/08/00-04/13/10

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method SW3510C/3630C Analytical methods: SW8015B Work Order: 1003860

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1003860-038C	B-16-W	W	200,000	20	109	e4,e2,b6,b1
1003860-039C	B-17-W	W	87,000	20	116	e4,e2,b6,b1
1003860-040C	B-18-W	W	96,000	50	120	e4,e2,b6,b1
1003860-041C	B-19-W	W	72,000	20	103	e4,e2,b6,b1
1003860-042C	B-20-W	W	370	1	104	e2,e4,e7,b1
1003860-043C	B-21-W	W	ND	1	100	b1
1003860-044C	B-23-W	W	230	1	102	e7,e2,b1
1003860-045C	B-24-W	W	980	1	103	e7,e2,e4,b1
1003860-046C	B-25-W	W	190	1	102	e7,e2,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract/matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 49823 WorkOrder 1003860

EPA Method SW8015B **Extraction SW3510C/3630C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	77.3	78	0.841	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	80	80	0	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 49823 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003860-038C	03/29/10 8:00 PM	04/07/10	04/08/00 7:44 PM	1003860-039C	03/29/10 7:30 PM	04/07/10	04/08/00 3:07 PM
1003860-040C	03/29/10 7:15 PM	04/07/10	04/13/10 2:23 AM	1003860-041C	03/29/10 8:20 PM	04/07/10	04/08/00 8:52 PM
1003860-042C	03/29/10 6:50 PM	04/07/10	04/08/00 4:15 PM	1003860-043C	03/29/10 6:20 PM	04/07/10	04/13/10 12:07 AM
1003860-044C	03/29/10 5:30 PM	04/07/10	04/10/10 1:42 PM	1003860-045C	03/29/10 5:50 PM	04/07/10	04/08/00 5:27 PM
1003860-046C	03/29/10 4:40 PM	04/07/10	04/08/00 7:44 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

APPENDIX F

WASTE DISPOSAL

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: NOT REQUIRED	2. Page 1 of: 1	3. Emergency Response Phone: 800-424-9300	4. Waste Tracking Number: 215419

GENERATOR

5. Generator's Name and Mailing Address
Olympian
5900 Hollis Street, Suite A
Emeryville, CA 94608
Generator's Phone:

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: American Integrated Services, Inc.
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Crosby & Overton, Inc.
1630 W. 16th Street
Long Beach, CA. 90813 562-432-5445
Facility's Phone:
U.S. EPA ID Number: CAD028409019

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Waste Liquid	2	DM	80	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
Wear protective equipment while handling. Weights or volumes are approximate. 24 hour emergency number (800) 424-9300 Chemtrec.

Profile#: 27578
Project #: 30038-35

INT'L

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Calvin Hee for Olympian
Signature:
Month: 5 Day: 26 Year: 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name: Antonio Ramirez
Signature:
Month: 5 Day: 26 Year: 10
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNED FACILITY

17. Discrepancy
17a Discrepancy Indication Space ☐ Quantity ☐ Type ☒ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: Day: Year:

TPST Soil Recyclers of CA

Non-Hazardous Soils

Date of Shipment:	Responsible for Payment:	Transporter Truck #:	Facility #:	Given by TPST:	Load #
	Transporter		207		

Generator/Consultant

Generator's Name and Billing Address:	Generator's Phone #:	Generator's US EPA ID No.
Olympian 5820 Hollis Street, Suite A Emeryville, CA 94608	Person to Contact:	
	FAX#:	Customer Account Number with TPST:
Consultant's Name and Billing Address:	Consultant's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number with TPST:
Generation Site (Transport from): *(name & address)* Olympian 101 Threshold Court South San Francisco, CA 94080	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): *(name & address)

TPST Technologies 12600 Hibiscus Rd. Adelanto, CA 92301-1700	Facility Phone #: (760) 922-0201	Facility Permit Numbers
	Person to Contact: Dwiliam Jolley	
	FAX#: (760) 246-2004	

Transporter

Transporter's Name and Mailing Address:	Transporter's Phone #:	Transporter's US EPA ID No.:
American Integrated Services, Inc. P.O. Box 92218 Long Beach, CA 90809-2218	(310) 522-1100	CAR000146209
	Person to Contact: Malgosia Bonnga	Transporter's DOT No.:
	FAX#: (310) 522-1102	Customer Account Number with TPST: 770-1020

Description of Soil:	Moisture Content:	Contaminated by:	Approx. Qty:	Description of Delivery:	Gross Weight:	Tare Weight:	Net Weight:
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	1				
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					

List any exceptions to items listed above: AIS Project # 20220-05

Scale Ticket#

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified hereto by the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐ Signature and date: CALVIN HICE

Antonio Rodriguez

Month: 5 Day: 26 Year: 10

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Signature and date:

Antonio Rodriguez

Month: 5 Day: 26 Year: 10

Recycling Facility

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: Signature and date:

GENERATOR/CONSULTANTS COPY

CONESTOGA-ROVERS
& ASSOCIATES

www.CRAworld.com

May 20, 2007

Mr. Charles Ice
San Mateo County Health Services Agency
Public Health and Environmental Protection Division
455 County Center
Redwood City, California 94063

Re: **Soil Gas Sampling and Risk Assessment Work Plan**
Olympian Cardlock Facility
131 Terminal Court
South San Francisco, California
SMCo Site # 550158
CRA Project # 161558

Dear Mr. Ice:

On behalf of Olympian JV (Olympian), Conestoga-Rovers & Associates, Inc. has prepared this *Soil Gas Sampling and Risk Assessment Work Plan* for the above referenced site. Please note that CRA acquired Cambria Environmental Technology, Inc. (Cambria) on April 2, 2007.

If you have any questions or comments regarding this submittal, please call me at (510) 420327.

Sincerely,
Conestoga-Rovers & Associates, Inc.

Ron Scheele, P.G.
Senior Geologist

Attachment: *Soil Gas Sampling and Risk Assessment Work Plan*

cc: Ms. Janet Heikel, Olympian JV, 1300 Industrial Road, Suite 2, San Carlos, CA 94070
Ms. Nalini Frush, 4115 Blackhawk Plaza Circle, Suite 100, Danville, CA 94506
Mr. Dan Koch, Nella Oil, 999 Bayhill Drive, Suite 135, San Bruno, California 94066
Ms. Amanda Massey, Nella Oil, 2360 Lindbergh Street, Auburn, CA 95602
Golden Gate Produce Terminal Ltd., 131 Terminal Court, South San Francisco, CA 94080

CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A, Emeryville, California 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
www.CRAworld.com

SOIL GAS SAMPLING AND RISK ASSESSMENTWORK PLAN

Olympian Cardlock Facility
131 Terminal Court
South San Francisco, CA
SMCo #550158
CRA Project #161558

May 20, 2007

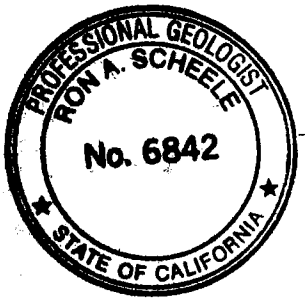
Prepared for:

Ms. Janet Heikel
Olympian JV
1300 Industrial Road, Suite 2
San Carlos, California 94070

Prepared by:

Conestoga-Rovers & Associates, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

Conestoga-Rovers & Associates, Inc. (CRA) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to CRA from outside sources and/or in the public domain, and partially on information supplied by CRA and its subcontractors. CRA makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by CRA. This document represents the best professional judgment of CRA. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.



Celina Hernandez
Senior Staff Geologist

Ron Scheele, P.G.
Senior Geologist

SOIL GAS SAMPLING AND RISK ASSESSMENTWORK PLAN

Olympian Cardlock Facility
131 Terminal Court
South San Francisco, CA

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SOIL GAS SAMPLING AND RISK ASSESSMENTWORK PLAN

Olympian Cardlock Facility
131 Terminal Court
South San Francisco, California

1.0 INTRODUCTION

On behalf of Olympian JV, Conestoga-Rovers & Associates, Inc. (CRA) has prepared this *Soil Gas Sampling and Risk Assessment Work Plan* for the above referenced site. CRA acquired Cambria Environmental Technology, Inc. (Cambria) on April 2, 2007. In a letter dated January 31, 2007, Cambria proposed a work plan to determine if the remaining impacted soil and groundwater poses a threat to human health. Presented below is the site background, a summary of previous investigations, an evaluation of the contaminant distribution, and the proposed scope of work and schedule.

2.0 SITE BACKGROUND

2.1 Site Description

The site is an active commercial fueling facility located near the intersection of Terminal Court and Produce Avenue in South San Francisco, California (Figure 1). The site consists of two dispenser islands, and one diesel and two gasoline underground storage tanks (USTs). The entire site is paved with asphalt and concrete. The locations of these features are shown onFigure 2.

The site is located in a commercial industrial area of South San FranciscoThe property adjoins Golden Gate Produce Terminal to the west and Park 'N' Fly parking lot to the east. Bayshore Freeway 101 is located approximately 200 ft (ft) east of the site. The site topography is relatively flat and is approximately 6 feet above mean sea level (ft msl). The nearest surface water is Coma Creek, approximately 0.25 miles north of the site. The San Francisco Bay is approximately one mile east of thsite.

2.2 Geology and Hydrogeology

Geology: The site is located in the Coast Range Geomorphic Province of California. According to the geologic map by Jennings and Burnett (1961), the general site area is underlain by unconsolidated artificial fill primarily consisting of clayey fine sand, silt, clay, rock fragmentsand organic material underlain by

Quaternary alluvium and dune deposits. Bedrock in the area primarily is Mesozoic ultrabasic rocks, including serpentine.

The soil beneath the site generally consists of sandy gravel or sandy silt from approximately 0.5 to 4 feet below ground surface (ft bgs), underlain by silty sand to approximately 10 ft bgs, and dark grey, low estimated permeability, silty clay ("Bay Muds") to a total explored depth of 18 ft bgs. Boring logs are presented in Appendix B.

Hydrogeology: According to the Department of Water Resources, Bulletin 118 (2004), the site is located within the South San Francisco Groundwater Basin. In the *Proposed Groundwater Amendments to the Water Quality Control Plan* (RWQCB-SFBR 2000) the subject site is located in a proposed groundwater management zone and classified as a non-potable water resource, due to high levels of total dissolved solids (TDS). Analysis of groundwater from monitoring well MW-3 in July 2001 detected TDS at 19,524 milligrams per liter (mg/L), indicative of non-potable water quality (>3000 mg/L) for the shallow groundwater at the site.

Shallow groundwater typically ranges between 1 to 3.5 ft bgs (Table 1). Groundwater predominantly flows toward the northeast with a gradient of 0.03. Quarterly groundwater monitoring has been performed since April 2000.

3.0 PREVIOUS INVESTIGATIONS

Investigations and remedial activities were completed since 1998, after petroleum hydrocarbons were detected in soil samples collected during product piping upgrade activities. A summary of investigations and remedial activities are presented below. Boring and well locations are presented on Figure 2. Groundwater analytical data is presented in Table 1. Boring and well construction logs are presented in Appendix B.

October 1998: During the product piping upgrade activities in October 1998, TEC Accutite (TEC) collected soil samples T-1 through T-3 from the piping trench at approximately 2.5 ft. bgs. Total petroleum hydrocarbon as gasoline (TPHg), total petroleum hydrocarbon as diesel (TPHd), benzene, and methyl tertiary butyl ether (MTBE) were detected in the soil at maximum concentrations of 7,600 milligrams per kilogram (mg/kg) TPHd; 2,400 mg/kg TPHg; 1 mg/kg benzene; and 9 mg/kg MTBE were detected.

October 1999 Soil Investigation: To assess the subsurface condition, TEC advanced nine onsite soil borings (B-1 through B-9) and collected soil and grab groundwater samples. Maximum soil concentrations

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were detected at 280 mg/kg TPHd in boring B-2 at 4 ft bgs; 16 mg/kg TPHg in boring B-3 at 4 ft bgs, 0.063 mg/kg benzene in boring B-3 at 4 ft bgs; and 0.84 mg/kg MTBE in boring B-6 at 4 ft bgs. Maximum groundwater concentrations were detected in boring B-3 at 8,800 µg/L TPHd, 21,000 µg/L TPHg, and 1,200 µg/L benzene.

March 2000 Well Installations: On March 17, 2000, TEC drilled five soil borings (B-10 through B-14), and installed five monitoring wells (MW-1 to MW-5). Maximum soil concentrations of 780 mg/kg TPHg and 0.79 mg/kg benzene were detected in boring B-11 at 9 ft bgs. Maximum groundwater concentrations were detected in boring B-11 at 69 µg/L TPHd, 16,000 µg/L TPHg, and 850 µg/L benzene. No MTBE was detected above laboratory reporting limits in any of the groundwater samples.

July 2001: On July 2, 2001, TEC installed three groundwater monitoring wells (MW-6 through MW-8) to determine the down-gradient extent of the groundwater plume. No petroleum hydrocarbons were detected above laboratory reporting limitsin soil. TPHd and MTBE were detected in groundwater at a maximum concentration of 700 µg/L in well MW-8, and 10 µg/L in well MW-6, respectively. No TPHg and benzene were detected in groundwater.

October 2002 Risk Assessment: On October 14, 2002, TEC submitted the *Impact Evaluation of the Subsurface Utilities as Preferential Pathway and Risk Assessment of the Impact of Groundwater Petroleum Hydrocarbons on Indoor Air*. TEC concluded and recommended the following: the benzene groundwater plume is limited onsite near monitoring well MW-1 and the nearest utility lines on Terminal Count do not appear to impact the plume's path; the benzene groundwater concentration exceeds the indoor air risk based screening level of 84 part per billion (ppb); and in order to obtain case closure at the site, groundwater remediation near well MW-1 is recommended to decrease the benzene concentration below the risk level of 84 ppb.

February 2003 Feasibility Study: On February 4, 2003, TEC submitted the *Feasibility Study for Groundwater Remediation.* TEC recommended in-situ groundwater bioremediation, specifically oxygen release compound (ORC) injections.

April 2003 Treatability Study Workplan: On April 10, 2003, TEC submitted the *Treatability Study Workplan for Groundwater Remediation* justifying the implementation of ORC injections, which was subsequently approved by SCMHD in a letter dated July 22, 2003.

October 2003 ORC Injections: On October 16, 2003, TEC oversaw the drilling of 16 direct-push soil borings (A through P) by Vironex to be used as ORC injection points. Borings A through E were advanced

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to 10 ft bgs, and borings F through P were advanced to 8 ft bgs. A 1,600 square foot treatment area consisting of 16 points on 10 foot spacing was used to inject 930 pounds (lbs) of ORC in the vicinity of MW-1. The ORC remedial technique proved ineffective. The event is summarized in TEC's November 10, 2004 *Remedial Action Report.*

July 2005, Site Dual-Phase Extraction (DPE): Ecologics initiated interim remedial activities consisting of dual-phase extraction (DPE) at the site. Insufficient documentation is available to evaluate the DPE activities, but Ecologics concluded that DPE remediation was ineffective.

2006 Remedial Action Workplan: On May 1, 2006, Ecologics submitted a workplan which proposed excavating the impacted soilin the vicinity of well MW-1.

Quarterly Monitoring: Quarterly groundwater monitoring and sampling has been performed at the site since April 2000 and includes a network of 7wells (MW-1 through MW-3 and MW-5 through MW-8). SMCHD's February 22, 2007 letter approved Cambria's proposed reduced groundwater monitoring schedule to sample wellsMW-1, MW-2, and MW-8 on a semi-annually basis. Samples are analyzed for TPHd, TPHg, BTEX, and MTBE.

4.0 CONTAMINANT DISTIBUTION

4.1 Hydrocarbon Distribution in Soil

Historical soil sampling results indicate that a release occurred from the product piping, on the north side of the USTs. Maximum concentrations of 7,600 mg/kg TPHd, 2,400 mg/kg TPHg, 1 mg/kg benzene, and 9 mg/kg MTBE were detected at a depth of 2.5 ft along the product piping trenches (T-1 through T-3). Following product piping upgrades in 1998, a total of 19 soil samples were collected across the site and analyzed for TPHd, TPHg, BTEX, and MTBE. Most of the soil samples had little to no hydrocarbon impact suggesting the majority of impacted soil is limited to a small area between the dispensers and USTs, extending to the west towards boring B-4.

4.2 Hydrocarbon Distribution in Groundwater

Dissolved-phase benzene is the primary contaminant of concernat the site, with low levels of MTBE in several of the wells. A small benzene plume remains in the center of the site, in the vicinity of the dispensers, and it is adequately defined. A maximum benzene concentration of 960 ug/L was detected in

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MW-1 during the first quarter 2007 sampling event. A maximum MTBE concentration of 70 ug/L was detected was detected in MW-2 during the first quarter 2007 sampling event

5.0 PROPOSED SCOPE OF WORK

CRA proposes soil gas sampling in the vicinity of the source area and underground utilities to determine the potential future risk to human health from vapor intrusion. Due to the shallow groundwater table (approximately 2 and 3 ft bgs), shallow soil gas sampling results will be modeled using the Johnson & Ettinger Vapor Intrusion Model. The risk assessment results will determine if the site should proceed to closure (possibly with a commercial deed restriction), or whether interim remediation is necessary. Figure 3 presents the proposed soil gas sampling locations. A summary of the soil gas sampling and risk assessment is outlined below.

5.1 Soil Gas Sampling

Onsite soil gas samples will be collected above the groundwater table (approximately 1 ft bgs) near source area wells MW-1 and MW-2, and adjacent to down-gradient underground utilities (Figure 2). Currently the source area is paved with no overlying building structures. Soil gas sampling will be completed based on the Department of Toxic Substances Control's (DTSC) January 28, 2003 *Advisory-Active Soil Gas Investigation* (DTSC *Advisory*) and SMCHD's *Using a Geoprobe to Collect Subsurface Vapor Samples for Human Health Risk Evaluation (Vapor Sampling Guidelines)*, revised March 9, 2006. CRA will complete the following tasks:

Health and Safety Plan: To protect the public and site personnel during the fieldwork, a site-specific Health and Safety Plan (HSP) will be distributed to all members of the project team. The HSP addresses physical health threats posed by drilling and potential health threats posed by contact with petroleum hydrocarbons. The HSP also prescribes appropriate personal protective equipment (PPE) to protect site workers.

Permits: A soil boring permit will be obtained from SMCHD, as needed.

Utility Location: The proposed boring and well locations will be marked and Underground Service Alert (USA) will be notified of our plans to drill in the site vicinity. A private utility locator may be contracted to survey underground utilities on private property or to confirm USA markings.

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Soil Gas Sampling Method: CRA will collect soil gas samples from three locations (SG-1, SG-2, and SG-3) based on the SMCHD's Vapor Sampling Guidelines. A soil gas sample will be collected near source area wells MW-1 and MW-2 using direct push technology, specifically the post-run tubing (PRT) system utilized by Vironex. Temporary soil gas sampling points will be sampled by hydraulically pushing a direct-push rod equipped with an expendable drive point and a PRT expendable point holder to the desired depth. The direct-push rod will be retracted slightly to expose the PRT holder, and the PRT adapter and tubing will be fed down the rods and connected to the PRT holder. Next, the tubing will be connected to a purging device (a purge Summa™ canister) to induce the flow of gas from the subsurface and through the sampling inlet and sampling system. Hydrated bentonite will be placed at the top of the direct push rod, where the sample tubing comes out of the rod, and also at the surface around the annulus of the borehole and the direct push rod to create a seal and prevent ambient air from migrating down and into the sample.

Soil Gas Purging and Sampling Apparatus: Two Summa™ canisters (a purge and sample canister) will be connected to the Teflon™ tubing from the boring using a tee valve per SMCHD's Vapor Sampling Guidelines. The bentonite seal will be allowed to set for approximately 30 minutes prior to performing the vacuum test (leak test). To check for leaks of the purging and sampling apparatus, the vapor tight valve is vacuum tested for 10 minutes by adjusting the purge canister valve. After the vacuum test, the purge canister is used to purge three volumes of the sample tubing line prior to sample collection to remove air trapped inside the line. Isopropyl alcohol will be utilized as a tracer gas for the investigation. After purging, the purge canister will be closed and isopropyl alcohol (2-proponal) moistened paper towels will be placed around all fitting connections and joints, and at the borehole.. The presence of tracer gas in the sample results will indicate if the sampling system was compromised. The vacuum of the Summa™ canister will be used to draw soil gas through the flow controller until a negative pressure of approximately 5 inches of Hg is observed on the vacuum gauge. Soil gas will be purged and sampled at a low flow rate (approximately 200 milliliters per minute) to minimize the potential for contaminant partitioning and potential short circuiting from the surface. Each sample will be labeled and logged on a chain-of-custody form.

Sample Quality Assurance / Quality Control: A duplicate sample will be collected from one location suspected to be the most impacted. The duplicate sample will be collected immediately after the original sample from the same sample depth.

Chemical Analysis: The soil gas samples will be kept at ambient temperature and submitted under chain-of-custody to a state certified laboratory for analysis. The samples will be analyzed by Modified EPA Methods TO-15 for BTEX, MTBE, and isopropyl alcohol, TO-3 for TPHg, and ASTM D-1946 for oxygen, carbon dioxide, and methane

5.2 Risk assessment

CRA will evaluate the potential indoor air impact from benzene vapor migration for both residential and commercial/industrial land use scenarios The risk assessment will includethe following.

- A discussion of chemicals of concern (COCs),
- A discussion of potential exposure pathways for hypothetical onsite residential occupants, current commercial occupants, and potential construction workers
- A human health risk assessment using the using Johnson and Ettinger's Subsurface Vapor Intrusion Model (J & E Model) as used by the San Francisco Bay Region-Regional Water Quality Control Board (RWQCB) when developing their ESLs. The J & E Model will use the following site specific and default model parameters to evaluate the risk to human health from vapor intrusion.

Table A. Input Parameters for the J & E Model.

PARAMETER	UNIT	RATIONALE
Chemicals: benzene and MTBE		
Soil gas concentration	ug/m^3	Concentration based on soil gas results
Soil gas sampling depth	cm	Field measurement
Average soil temperature	°C	EPA default
Thickness of soil stratum A	cm	Field observation
User-defined stratum A soil vapor permeability	-	Used SCS soil type
Stratum A SCS soil type	soil type	Field observation
Stratum A soil dry bulk density	g/cm^3	EPA SCS default. Associated with SCS soil type.
Stratum A soil total porosity	unitless	EPA SCS default. Associated with SCS soil type.
Stratum A soil water-filled porosity	cm^3/cm^3	EPA SCS default. Associated with SCS soil type.
Enclosed space floor thickness	cm	Model default, alternative values may be evaluated
Soil-building pressure differential	g/mc-s^2	EPA default
Enclosed space floor length	cm	Model default, alternative values may be evaluated
Enclosed space floor width	cm	Model default, alternative values may be evaluated
Enclosed space height	cm	Model default, alternative values may be evaluated
Floor-wall seam crack width	cm	EPA default
Indoor air exchange rate	1/hr	Model default, alternative values may be evaluated
Average vapor flow rate into building or leave blank to calculate	L/m	Model calculates
Average time for carcinogens	yrs	EPA default
Average time for non-carcinogens	yrs	EPA default
Exposure duration	yrs	EPA default for residential and commercial
Exposure frequency	days/yr	EPA default for residential and commercial

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6.0 REPORTING

After the analytical results are received, a *Human Health Risk Assessment* will be prepared that will, at a minimum, include the following:

- A description of drilling and soil gas sampling methods;
- Tabulated soil gas data;
- Tabulated vapor intrusion modeling input parameters;
- Vapor intrusion modeling results;
- Conclusions and recommendations.

7.0 SCHEDULE

Upon receiving written work plan approval from the SMCHS, CRA will commence implementation of the work plan. CRA will submit a Human health Risk Assessment to SMCHS within approximately 8 weeks following the completion of field activities.

8.0 REFERENCES

Cambria Environmental Technology Inc.2007: *Quarterly Groundwater Monitoring Report - First Quarter 2007*, Olympian Cardlock Facility, 131 Terminal Court, San Francisco, California, April 30, 2007.

TEC Accutite, 1999: *Subsurface Investigation Report,* Olympian, 131 Terminal Court, San Francisco, California, November 8, 1999.

TEC Accutite, 2000: *Subsurface Investigation and Monitoring Well Installation Report,* Olympian Card Lock Commercial Fueling Facility, 131 Terminal Court, San Francisco, California, June 8, 2000.

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TEC Accutite, 2002: *Monitoring Report fore January 2002, and Sensitive Receptor Survey,* Olympian Cardlock Commercial Fueling Facility, 131 Terminal Court, San Francisco, California, April 2, 2002.

TEC Accutite, 2002: *Impact evaluation of the Subsurface Utilities as Preferential pathways and Risk Assessment of the Impact to Groundwater Petroleum Hydrocarbons on Indoor Air*, Olympian Cardlock Commercial Fueling Facility, 131 Terminal Court, San Francisco, California, October 14, 2002.

TEC Accutite, 2003: *Feasibility Study for Groundwater Remediation,* Olympian Cardlock Commercial Fueling Facility, 131 Terminal Court, San Francisco, California, February 4, 2003.

TEC Accutite, 2003: *Remedial Action Report,* Olympian Cardlock Commercial Fueling Facility, 131 Terminal Court, San Francisco, California, November 10, 2003.

TEC Accutite, 2003: *Treatability Study Workplan for Groundwater Remediation,* Olympian Cardlock Commercial Fueling Facility, 131 Terminal Court, San Francisco, California, November 10, 2003.

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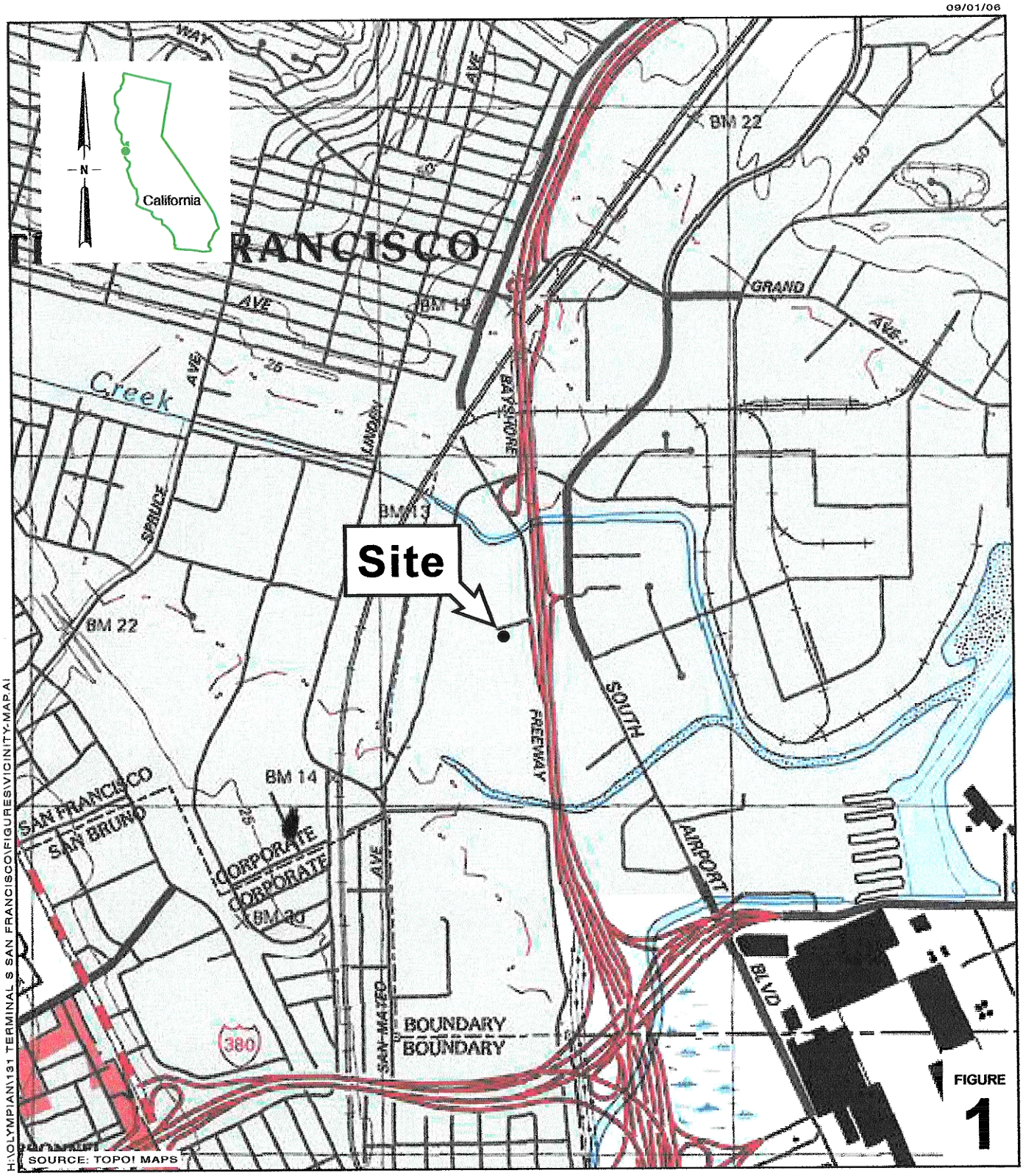

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FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Olympian Cardlock Facility

131 Terminal Court

South San Francisco, California

CONESTOGA-ROVERS & ASSOCIATES

Site Vicinity Map

05/03/07

Groundwater Elevation Contour and Hydrocarbon Concentration Map

March 14, 2007

EXPLANATION

- MW-1 — Monitoring well location
- SB-1 — Soil boring location
- MW-4 — Destroyed well location
- 0.02 — Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- Well ID / ELEV. / TPHg / Benzene / MTBE / TPHd — Well designation; Groundwater elevation (msl); TPHg, Benzene, MTBE and TPHd concentrations are in micrograms per liter (µg/L)
- NS — Not Sampled

Airport parking

parking lot

sidewalk

PRODUCE AVENUE

TERMINAL COURT

fenceline

MW-8
2.28
<50
<0.5
<5.0
74

MW-7
3.50
NS

MW-2
3.01
1,100
120
70
480

MW-1
4.51
2,600
620
<17
400

MW-3
3.84
NS

MW-5
3.60
NS

MW-6
3.74
NS

MW-4 ∅

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14

3.50 3.00 2.50 2.50 3.00 3.50 4.50 4.00 4.00

Gate Guard

dispenser islands

Administration Building

USTs

loading dock

parking lot

loading zone

Park 'N' Fly parking lot

BAYSHORE FREEWAY

US HWY 101 SOUTH

0° 90° 180° 270°

Groundwater Flow Direction
3Q06 to 1Q07

Golden Gate Produce Terminal

N

0 25 50 100

Scale (ft)

Basemap modified from drawing provided by TEC Accutite

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FIGURE

2

Olympian Cardlock Facility
131 Terminal Court
South San Francisco, California

CONESTOGA-ROVERS & ASSOCIATES

05/10/07

EXPLANATION

MW-1	Monitoring well location		Electrical line
SB-1	Soil boring location		Storm drain
MW-4	Destroyed well location		Water line
T-1-2.5'	Soil sample location		Gas line
SG-1	Soil gas sample location		Communications line
			Storm drain inlet

Airport parking

sidewalk

parking lot

TERMINAL COURT

PRODUCE AVENUE

MW-7

MW-8

B-12

B-13

fenceline

SG-3

B-11

B-14

SG-2

SG-1

MW-2

B-3

Gate Guard

MW-1

dispenser islands

T-3-2.5'

B-10

B-4

B-2

MW-3

B-9

T-1-2.5'

T-2-2.5'

Administration Building

USTs

B-1

B-5

B-6

MW-5

loading dock

parking lot

MW-4

Golden Gate Produce Terminal

B-7

B-8

Park 'N' Fly parking lot

MW-6

BAYSHORE FREEWAY

US HWY 101 SOUTH

loading zone

N

0 25 50 100

Scale (ft)

Basemap modified from drawing provided by TEC Accutite

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Proposed Soil Gas Sampling Locations

CONESTOGA-ROVERS & ASSOCIATES

Olympian Cardlock Facility

131 Terminal Court

South San Francisco, California

FIGURE

3

CONESTOGA-ROVERS & ASSOCIATES

Table 1. Groundwater Elevation and Analytical Data - Olympian Cardlock Facility, 131 Terminal Court, South San Francisco, California

Sample ID *TOC*	Date Sampled	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)	TPHd		TPHg		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	ETBE	TAME	DIPE	1,2-DCA	EDB	EtOH
				←						ug/L									→
MW-1	4/6/2000	2.19	6.70	260		1,400		350	18	12	110	5	--	--	--	--	--	--	--
6.39	7/28/2000	2.55	6.34	1,000		10,000		1,300	1,900	240	1,700	<0.5	ND	--	--	--	--	--	--
	11/2/2000	2.11	6.78	510	#	11,000		1,200	1,800	230	1,600	<0.5	--	--	--	--	--	--	--
	3/7/2001	1.47	7.42	2	#	17,000		4,000	230	830	1,500	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.52	2.87	1,200	#	7,500		1,300	750	310	810	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	2.23	4.16	--		7,480		2,990	82.5	470	901	3*	108	--	--	--	--	--	--
	7/19/2002	2.55	3.84	--		5,060		1,070	172	2.8	733	3	104	--	--	--	--	--	--
	2/7/2003	2.17	4.22	--		8,260		3,020	43.3	493	448	10	326	--	--	--	--	--	--
	9/17/2003	2.85	3.54	--		7,020		1,250	241	112	1,250	<5	--	--	--	--	--	--	--
	12/23/2003	0.90	5.49	--		6,250		1,140	30.2	127	980	2.2	ND	--	--	--	--	--	--
	3/16/2004	1.84	4.55	--		2,000		408	2.6	30	101	<0.5*	ND	--	--	--	--	--	--
	6/29/2004	2.53	3.86	--		3,200		523	212	85.6	483	3.1*	ND	--	--	--	--	--	--
	7/22/2004	2.48	3.91	--		3,800		440	290	52	440	<5.0	--	--	--	--	--	--	--
	12/9/2004	0.38	6.01	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.00	5.39	--		520	#	120	1.4	1.3	25	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.06	3.33	--		7,200	#	920	110	110	1,400	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.72	3.67	460	#	7,200	#	960	280	130	750	3.2	--	--	--	--	--	--	--
	3/14/2007	**1.88**	**4.51**	**400**	#	**2,600**	#	**620**	**<1.7**	**2.1**	**33**	**<17**	--	--	--	--	--	--	--
MW-2	4/6/2000	3.39	5.37	110		170		4	2	1	21	8	--	--	--	--	--	--	--
6.26	7/28/2000	3.53	5.23	400		860		150	22	11	100	3*	ND	--	--	--	--	--	--
	11/2/2000	4.03	4.73	240	#	940		160	39	25	95	1	--	--	--	--	--	--	--
	3/7/2001	5.16	3.60	0.10	#	570		86	7	14	33	<0.5	ND	--	--	--	--	--	--
	7/13/2001	4.08	2.18	170		320		60	5	6	20	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	3.51	2.75	--		483		120	19.3	12.5	56.1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.87	3.39	--		391	#	<0.5	<0.5	<0.5	<1	6.1*	67	--	--	--	--	--	--
	2/7/2003	2.77	3.49	--		482		43.1	1.7	9	60.2	8	ND	--	--	--	--	--	--
	9/17/2003	2.98	3.28	--		689		87.9	1.7	13.7	85.2	8.3*	87	--	--	--	--	--	--
	12/23/2003	2.68	3.58	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.54	3.72	--		763		97.5	1.3	9.9	72.9	14.3*	50	--	--	--	--	--	--
	6/29/2004	2.70	3.56	--		829		104	2.8	19.1	105	23.1*	77	--	--	--	--	--	--
	7/22/2004	2.63	3.63	--		590		55	3.2	13	65	15	--	--	--	--	--	--	--
	12/9/2004	3.42	2.84	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.40	3.86	--		450	#	82	1.4	12	47	17*	54	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.42	2.84	--		610	#	87	1.4	15	64	17	--	--	--	--	--	--	--
	8/24/2006	3.20	3.06	670	#	930	#	91	1.8	16	130	82*	--	--	--	--	--	--	--
	3/14/2007	**3.25**	**3.01**	**480**	#	**1,100**	#	**120**	**1.3**	**20**	**99**	**70**	--	--	--	--	--	--	--
MW-3	4/6/2000	2.95	6.15	<50		690		1	6	5	32	4	--	--	--	--	--	--	--
6.58	7/28/2000	3.27	5.83	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.24	5.86	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	3/7/2001	2.13	6.97	<50		<50		0.8	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.25	3.33	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	3.02	3.56	--		59		0.6	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.16	3.42	--		<50		<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.90	3.68	--		<50		1.1	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.38	4.20	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.60	3.98	--		67		<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	6/29/2004	3.12	3.46	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	3.09	3.49	--		<50		<0.5	0.56	<0.5	1.4	<5.0	--	--	--	--	--	--	--

Table 1. Groundwater Elevation and Analytical Data - Olympian Cardlock Facility, 131 Terminal Court, South San Francisco, California

Sample ID	Date	Depth to Water	Groundwater Elevation	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	ETBE	TAME	DIPE	1,2-DCA	EDB	EtOH
TOC	Sampled	(ft btoc)	(ft amsl)	←				ug/L									→
MW-3	12/9/2004	2.95	3.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cont.	3/31/2005	2.08	4.50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5*	12	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.35	3.23	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	3.09	3.49	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5*	--	--	--	--	--	--	--
	3/14/2007	**2.74**	**3.84**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	4/6/2000	3.03	6.21	<50	110	52	35	4	22	3	--	--	--	--	--	--	--
	7/28/2000	3.35	5.89	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.27	5.97	<50	<50	<0.5	<0.5	<0.5	<1	2	--	--	--	--	--	--	--
	3/7/2001	2.61	6.63	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.37	3.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	3.19	3.56	<50	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.31	3.44	--	<50	<0.5	<0.5	<0.5	<1	4.5*	ND	--	--	--	--	--	--
	2/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/6/2000	2.68	6.24	<50	<50	8	1	0.6	1	19*	--	--	--	--	--	--	--
6.41	7/28/2000	2.93	5.99	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	2.91	6.01	<50	<50	<0.5	<0.5	<0.5	<1	6*	--	--	--	--	--	--	--
	3/7/2001	2.40	6.52	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	2.94	3.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	2.77	3.64	--	<50	0.9	0.6	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.89	3.52	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.65	3.76	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.48	3.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.75	3.66	--	<50	<0.5	<0.5	<0.5	<1	6.8*	ND	--	--	--	--	--	--
	6/29/2004	2.92	3.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.66	4.75	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.82	3.59		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.84	3.57		<50	<0.5	<0.5	<0.5	<0.5	2.6*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.12	3.29	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.96	3.45	<50	<50	<0.5	<0.5	<0.5	<0.5	0.61*	--	--	--	--	--	--	--
	3/14/2007	**2.81**	**3.60**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/13/2001	2.85	3.37	<50	<50	<0.5	<0.5	<0.5	<1	10*	ND	--	--	--	--	--	--
6.22	1/23/2002	2.70	3.52	--	<50	<0.5	<0.5	<0.5	<1	23*	ND	--	--	--	--	--	--
	7/19/2002	2.76	3.46	--	<50	<0.5	<0.5	<0.5	<1	7*	ND	--	--	--	--	--	--
	2/7/2003	2.57	3.65	--	<50	<0.5	<0.5	<0.5	<1	14	ND	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.25	3.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.35	3.87	--	<50	<0.5	<0.5	<0.5	<1	7.4*	ND	--	--	--	--	--	--
	6/29/2004	2.75	3.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.66	4.56	--	<50	<0.5	1.9	0.59	4.3	8.7	--	--	--	--	--	--	--
	12/9/2004	2.39	3.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.09	4.13	--	<50	<0.5	<0.5	<0.5	<0.5	20*	13	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	2.95	3.27	--	<50	<0.5	<0.5	<0.5	<0.5	8.1	--	--	--	--	--	--	--
	8/24/2006	2.65	3.57	54 #	<50	<0.5	<0.5	<0.5	<0.5	3.2	--	--	--	--	--	--	--
	3/14/2007	**2.48**	**3.74**	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1. Groundwater Elevation and Analytical Data - Olympian Cardlock Facility, 131 Terminal Court, South San Francisco, California

Sample ID	Date	Depth to Water	Groundwater Elevation	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	ETBE	TAME	DIPE	1,2-DCA	EDB	EtOH
TOC	Sampled	(ft btoc)	(ft amsl)	←				ug/L									→
MW-7	7/13/2001	2.65	3.48	80	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
5.47	1/23/2002	1.74	3.73	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	1.75	3.72	--	98	6.3	2.8	1.7	6.8	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	1.62	3.85	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	1.91	3.56	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	12/23/2003	0.70	4.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	1.33	4.14	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	6/29/2004	1.60	3.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.67	3.8	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	0.83	4.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.08	4.39	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9.29/05	2.31	3.16	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.14	3.33	150 #	<50	<0.5	<0.5	<0.5	<0.5	0.54	--	--	--	--	--	--	--
	3/14/2007	**1.97**	**3.50**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	7/13/2001	1.99	2.29	700	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
4.94	1/23/2002	2.31	2.63	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.36	2.58	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.27	2.67	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	2.52	2.42	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	12/23/2003	1.30	3.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	1.95	2.99	--	<50	<0.5	<0.5	<0.5	<1	3.2*	ND	--	--	--	--	--	--
	6/29/2004	2.24	2.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	2.29	2.65	--	<50	<0.5	1.7	0.51	3.7	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.29	2.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.81	3.13	--	<50	<0.5	<0.5	<0.5	<0.5	1.7*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.01	1.93	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.80	2.14	<50	<50	<0.5	<0.5	<0.5	<0.5	2.4*	--	--	--	--	--	--	--
	3/14/2007	**2.66**	**2.28**	74 #	**<50** #	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	--	--	--	--	--	--	--

Notes:

TOC = Elevation of the top of casing in feet relative to mean sea level

TOC elevation survey completed in July 2001 by Virgil Chavez Land Surveying

ft btoc = measured in feet below top of casing

ft amsl = measured in feet above sea level

TPHd = Total petroleum hydrocarbons as diesel by EPA modified Method SW8015C

TPHg = Total petroleum hydrocarbons as gasoline by EPA modified Method SW8015C

Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method SW8021B

MTBE = Methyl-tert-butyl ether (MTBE) (EPA Method 8020 or 8021B)

TBA = tert-Butyl Alcohol (EPA Method 8260)

µg/L = Micrograms per liter

ND = compound not detected above laboratory reporting limits

<X = Concentration less than laboratory reporting limits

-- = Not analyzed / not available

* = MTBE confirmed by EPA Method 8260

= See laboratory report for notes and/or a description of chromatogram pattern

Note: Total Dissolved Solids (TDS) analyzed for MW-3 on 7/13/01 showed concentration of 19,524 ppm.

APPENDIX A

Agency Correspondence

HEALTH DEPARTMENT

February 22 2007

FEB 26 2007

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr.
c/o Janet Heikel
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

Thank you for the October 15, 2006 *Quarterly Monitoring Report - Third Quarter 2006* report and the January 31, 2007 letter prepared by Cambria for the above referenced site. San Mateo County Health Department Groundwater Protection Program (GPP) had witnessed the startup of dual-phase extraction at the site on December 6, 2005; however, it appears no information is available from the registered professionals in charge at that time regarding this remediation event. The letter's proposal to submit a soil vapor sampling work plan and the proposed groundwater monitoring schedule are accepted as presented. This work plan would appear to more appropriately satisfy a previous request included in GPP's October 7, 2004 letter to develop remediation goals for the site. The work plan should also include a full description and justification of the default values, site-specific values, and assumptions used in the model.

The September 19, 2005 letter proposed active remediation targets (ARTs) of non detect for all constituents of concern. GPP staff accepted these ARTs of non detect without any dilution or elevated reporting limits for all of the constituents of concern. GPP staff also noted that these ARTs may be well below reasonably justified clean up goals which would allow GPP staff to close the site prior to reaching non detect and therefore the State of California UST Cleanup Fund may not be willing to pay for the additional cleanup of the site between the reasonably justified clean up goals to the ARTs. Please submit the work plan by **May 31, 2007**. Please also refer to previous GPP letter's regarding the voluntary aspect of commercial deed restrictions.

As always, you may submit requested items at any time prior to the due date in order to expedite the progress of the overall site investigation and potential remediation. If there has been a change in the responsible party contact information for this site or you wish to receive future correspondence from GPP staff electronically, then please send GPP staff a letter or email officially notifying GPP staff of the new contact information. I appreciate your cooperation. Should you have any questions, please call me at (650) 363-4565.

Sincerely,

Charles Ice
Hazardous Materials Specialist
Groundwater Protection Program

cc: Ron Scheele, Cambria, 5900 Hollis Street, Suite A, Emeryville, CA 94608
Dan Koch, Nella Oil Company, 999 Bayhill Drive, Suite 135, San Bruno, CA 94066
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080
Nalini Rajender Frush, 4115 Blackhawk Plaza Circle, Suite 100, Danville, CA 94508
Sunil Ramdass, SWRCB, UST Cleanup Fund, PO Box 944212, Sacramento, CA 94244

APPENDIX B

Soil Boring Logs

TEC ACCUTITE SOIL BORING LOG

BORING NO. B-1 CLIENT Olympian Oil Company

STARTED DRILLING 10-12-99 LOCATION 131 Terminal Court, South San Francisco, California

START TIME 12:15 pm FINISH TIME 1:15 pm ELEVATION NA

COMPLETED DRILLING 10-12-99 DRILLING METHOD DIRECT PUSH-GEOPROBE LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: PPM TPHg	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); olive grey; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5	■	<0.5	B-1@4.0					PORTLAND CEMENT I / II
6				Gravelly Silty SAND; (GM); dark grey; damp to wet; no plasticity; high estimated permeability.	GM			
7								
8								
9				SAND; (SP); yellowish orange; damp to wet; no plasticity; high estimated permeability.	SP			
10								
11								
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15								
16				BORING TERMINATED AT 16 FEET BGS				
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TEC ACCUTITE SOIL BORING LOG

BORING NO. B-2 CLIENT Olympian Oil Company

LOCATION 131 Terminal Court, South San Francisco, California

STARTED DRILLING 10-12-99 START TIME 1:15 pm FINISH TIME 2:15 pm ELEVATION NA

COMPLETED DRILLING 10-12-99 DRILLING METHOD DIRECT PUSH-GEOPROBE LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: PPM TPHg	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); olive grey; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5		6.1	B-2@4.0					PORTLAND CEMENT I / II
6				SAND; (SP); yellowish orange; damp to wet; no plasticity; high estimated permeability.	SP			
7								
8								
9				Sandy SILT with Clay; (ML); olive grey; damp to wet; low plasticity; moderate estimated permeability.	ML			
10								
11				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
12								
13								
14								
15								
16				BORING TERMINATED AT 16 FEET BGS				
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TEC ACCUTITE SOIL BORING LOG

BORING NO. B-3 | CLIENT Olympian Oil Company

LOCATION 131 Terminal Court, South San Francisco, California

STARTED DRILLING 10-12-99 | START TIME 11:00 am | FINISH TIME 12:15 pm | ELEVATION NA

COMPLETED DRILLING 10-12-99 | DRILLING METHOD DIRECT PUSH-GEOPROBE | LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) | DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: PPM TPHg	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); olive grey; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5		16	B-3@4.0					PORTLAND CEMENT I / II
6				SAND; (SP); yellowish orange; damp to wet; no plasticity; high estimated permeability.	SP			
7								
8								
9								
10				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
11								
12								
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16				BORING TERMINATED AT 16 FEET BGS				
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TEC ACCUTITE SOIL BORING LOG

BORING N0. B-4 | CLIENT Olympian Oil Company

STARTED DRILLING 10-12-99 | LOCATION 131 Terminal Court, South San Francisco, California

START TIME 10:00 am | FINISH TIME 11:00 am | ELEVATION NA

COMPLETED DRILLING 10-12-99 | DRILLING METHOD DIRECT PUSH-GEOPROBE | LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) | DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: PPM TPHg	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); olive grey; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5		1.6	B-4@4.0					
6				SAND; (SP); light grey; damp to wet; no plasticity; high estimated permeability.	SP			PORTLAND CEMENT I / II
7								
8								
9				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
10								
11								
12								
13								
14								
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16				BORING TERMINATED AT 16 FEET BGS				
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TEC ACCUTITE SOIL BORING LOG

BORING NO. B-5
CLIENT Olympian Oil Company
LOCATION 131 Terminal Court, South San Francisco, California
STARTED DRILLING 10-12-99
START TIME 2:15 pm FINISH TIME 3:15 pm ELEVATION NA
COMPLETED DRILLING 10-12-99
DRILLING METHOD DIRECT PUSH-GEOPROBE LOGGED BY WALTER CUCULIC
SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: PPM TPHg	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); olive grey; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5	■	<0.5	B-5@4.0					PORTLAND CEMENT I / II
6				SAND; (SP); yellowish orange; damp to wet; no plasticity; high estimated permeability.	SP			
7								
8								
9								
10				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
11								
12								
13								
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16				BORING TERMINATED AT 16 FEET BGS				
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TEC ACCUTITE SOIL BORING LOG

BORING N0. B-6 CLIENT Olympian Oil Company

LOCATION 131 Terminal Court, South San Francisco, California

STARTED DRILLING 10-12-99 START TIME 3:15 pm FINISH TIME 4:15 pm ELEVATION NA

COMPLETED DRILLING 10-12-99 DRILLING METHOD DIRECT PUSH-GEOPROBE LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: PPM TPHg	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				SAND; (SP); light brown; moist; no plasticity; high estimated permeability.	SP			
3				▼ groundwater @ 4'				
4								
5	■	<0.5	B-6@4.0					PORTLAND CEMENT I / II
6				SAND with Clay; (SC); light brown; damp to wet; low plasticity; moderate estimated permeability.	SC			
7								
8				SAND; (SP); olive grey; damp to wet; no plasticity; high estimated permeability.	SP			
9								
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14				Silty CLAY with Sand; (CH); dark grey; moist; medium plasticity; low estimated permeability.	CH			
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16				BORING TERMINATED AT 16 FEET BGS				
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TEC ACCUTITE SOIL BORING LOG

BORING N0. B-7 CLIENT Olympian Oil Company

STARTED DRILLING 10-12-99 LOCATION 131 Terminal Court, South San Francisco, California

COMPLETED DRILLING 10-12-99 START TIME 7:00 am FINISH TIME 8:00 am ELEVATION NA

DRILLING METHOD DIRECT PUSH-GEOPROBE LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: PPM TPHg	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				SAND; (SP); light brown; moist; no plasticity; high estimated permeability.	SP			
3				▼ groundwater @ 4'				
4								
5		<0.5	B-7@4.0					PORTLAND CEMENT I / II
6				SAND with Clay; (SC); light brown; damp to wet; low plasticity; moderate estimated permeability.	SC			
7								
8				SAND; (SP); olive grey; damp to wet; no plasticity; high estimated permeability.	SP			
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14				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
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16				BORING TERMINATED AT 16 FEET BGS				
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TEC ACCUTITE SOIL BORING LOG

BORING NO. B-8 | CLIENT Olympian Oil Company

STARTED DRILLING 10-12-99 | LOCATION 131 Terminal Court, South San Francisco, California

COMPLETED DRILLING 10-12-99 | START TIME 8:00 am | FINISH TIME 9:00 am | ELEVATION NA

DRILLING METHOD DIRECT PUSH-GEOPROBE | LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) | DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	PPM TPHg	SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); yellowish orange; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5		<0.5	B-8@4.0					PORTLAND CEMENT I / II
6				SAND; (SP); dark grey; damp to wet; no plasticity; high estimated permeability.	SP			
7								
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9				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
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16				BORING TERMINATED AT 16 FEET BGS				
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TEC ACCUTITE SOIL BORING LOG

BORING N0. B-9 | CLIENT Olympian Oil Company

STARTED DRILLING 10-12-99 | LOCATION 131 Terminal Court, South San Francisco, California

COMPLETED DRILLING 10-12-99 | START TIME 9:00 am | FINISH TIME 10:00 am | ELEVATION NA

DRILLING METHOD DIRECT PUSH-GEOPROBE | LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) | DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: PPM TPHg	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); olive grey; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5		<0.5	B-9@4.0					PORTLAND CEMENT I / II
6				SAND; (SP); light grey; damp to wet; no plasticity; high estimated permeability.	SP			
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9				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
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16				BORING TERMINATED AT 16 FEET BGS				
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TLC ACCUTITE SOIL BORING LOG

BORING NO. B-10
CLIENT Olympian Oil Company
LOCATION 131 Terminal Court, South San Francisco, California
STARTED DRILLING 3/17/00
START TIME 7:00 am FINISH TIME 8:00 am ELEVATION NA
COMPLETED DRILLING 3/17/00
DRILLING METHOD DIRECT PUSH-GEOPROBE LOGGED BY WALTER CUCULIC
SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: PPM TPHg	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				SAND; (SP); light brown; moist; no plasticity; high estimated permeability.	SP			
3				▼ groundwater @ 4'				
4								
5	■	0.79	B-10@4.5					
6				SAND with Clay; (SC); light brown; damp to wet; low plasticity; moderate estimated permeability.	SC			
7								
8				SAND; (SP); olive grey; damp to wet; no plasticity; high estimated permeability.	SP			
9	■	<0.5	B-10@9.5					
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15				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
16				BORING TERMINATED AT 16 FEET BGS				
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PORTLAND CEMENT I / II

TEC ACCUTITE SOIL BORING LOG

BORING N0. B-11 CLIENT Olympian Oil Company

STARTED DRILLING 3/17/00 LOCATION 131 Terminal Court, South San Francisco, California

START TIME 8:00 am FINISH TIME 9:00 am ELEVATION NA

COMPLETED DRILLING 3/17/00 DRILLING METHOD DIRECT PUSH-GEOPROBE LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	PPM TPHg	SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSI-FICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); olive grey; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5	■	0.67	B-11@4.5					
6				SAND; (SP); yellowish orange; damp to wet; no plasticity; high estimated permeability.	SP			PORTLAND CEMENT I / II
7								
8								
9	■	780	B-11@9.0	Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
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TEC ACCUTITE SOIL BORING LOG

BORING N0. B-12 CLIENT Olympian Oil Company

LOCATION 131 Terminal Court, South San Francisco, California

STARTED DRILLING 3/17/00 START TIME 9:00 am FINISH TIME 10:00 am ELEVATION NA

COMPLETED DRILLING 3/17/00 DRILLING METHOD DIRECT PUSH-GEOPROBE LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	PPM TPHg	SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); olive grey; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5	■	1.5	B-12@4.5					PORTLAND CEMENT I / II
6				SAND; (SP); light grey; damp to wet; no plasticity; high estimated permeability.	SP			
7								
8								
9	■	<0.5	B-12@9.0	Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
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16				BORING TERMINATED AT 16 FEET BGS				
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TEC ACCUTITE SOIL BORING LOG

BORING N0. B-13 | CLIENT Olympian Oil Company

STARTED DRILLING 3/17/00 | LOCATION 131 Terminal Court, South San Francisco, California

START TIME 10:00 am | FINISH TIME 11:00 am | ELEVATION NA

COMPLETED DRILLING 3/17/00 | DRILLING METHOD DIRECT PUSH-GEOPROBE | LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) | DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	PPM TPHg	SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				Sandy SILT with Clay; (ML); olive grey; moist; low plasticity; moderate estimated permeability.	ML			
3				▼ groundwater @ 4'				
4								
5		0.78	B-13@3.5					
6				SAND; (SP); light grey; damp to wet; no plasticity; high estimated permeability.	SP			PORTLAND CEMENT I / II
7								
8		0.5	B-13@7.5					
9				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
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THE ACCUTITE SOIL BORING LOG

BORING N0. B-14 | CLIENT Olympian Oil Company

LOCATION 131 Terminal Court, South San Francisco, California

STARTED DRILLING 3/17/00 | START TIME 11:00 am | FINISH TIME 12:00 pm | ELEVATION NA

COMPLETED DRILLING 3/17/00 | DRILLING METHOD DIRECT PUSH-GEOPROBE | LOGGED BY WALTER CUCULIC

SAMPLING METHOD 2.25" MACRO-CORE (CONTINUOUS) | DRILLED BY VIRONEX, INC.

DEPTH BELOW GROUND SURFACE	SAMPLES COLLECTED: INT	PPM TPHg	SAMPLE ID	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	COMPLETED BORING	REMARKS
1FT				Approximately 4-inches of Asphalt				
2				SAND; (SP); light brown; moist; no plasticity; high estimated permeability.	SP			
3				▼ groundwater @ 4'				
4								
5		<0.5	B-14@4.5					PORTLAND CEMENT I / II
6				SAND with Clay; (SC); light brown; damp to wet; low plasticity; moderate estimated permeability.	SC			
7								
8				SAND; (SP); olive grey; damp to wet; no plasticity; high estimated permeability.	SP			
9		<0.5	B-14@9.5					
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13				Silty CLAY with Sand; (CH); dark grey; damp to wet; medium plasticity; low estimated permeability.	CH			
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16				BORING TERMINATED AT 16 FEET BGS				
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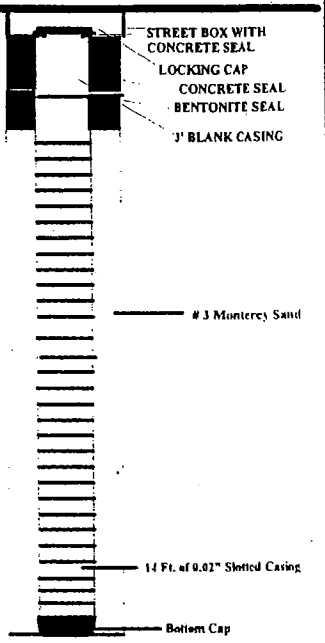
TEC ACCUTITE SOIL BORING LOG

PROJECT NO. LOCATION 131 Terminal Court
CLIENT Olympian South San Francisco, CA
PIZOMETER NO. MONITORING WELL NO. MW-1 ELEVATION
DATE DRILLED 3/23/00 START 3/23/00 FINISH 3/23/00 LOGGED BY Walter Cuculic
DRILLING METHOD Hollow Stem Auger SAMPLING METHOD DRILLED BY V&W DRILLING

DEPTH BELOW SURFACE	SAMPLES COLLECTED: INT	OVM ppm	SAMPLE ID	LITHOLOGY	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG
0 FT				Asphalt		
1–4			(Soil Sample)	Grey, Sand & Gravel, Moist, No Plasticity, High Permeability	GM	
5–10 (6.40)			(Soil Sample)	Grey Brown, Silty Sand, Damp to Wet, Low Plasticity, Moderate Permeability	SM	
11–17			(Soil Sample)	Dark Grey, Clay, Damp, Moderate Plasticity, High Permeability	CL	
18–40						

WELL CONSTRUCTION DETAILS



131MW1LOG

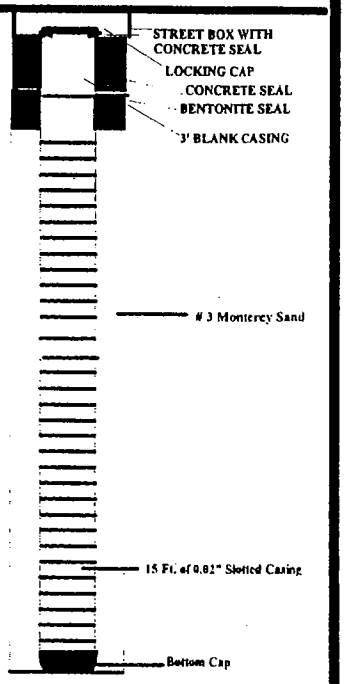
TEC ACCUTITE SOIL BORING LOG

PROJECT NO.
CLIENT Olympian
PIZOMETER NO.
DATE DRILLED 3/23/00
DRILLING METHOD Hollow Stem Auger

LOCATION 131 Terminal Court
South San Francisco, CA
MONITORING WELL NO. MW-2
START 3/23/00 FINISH 3/23/00
SAMPLING METHOD

ELEVATION
LOGGED BY Walter Cuculic
DRILLED BY V&W DRILLING

DEPTH BELOW SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: OVM ppm	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGY	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG
0 FT				Asphalt		
1–2			(Soil Sample)	Grey, Medium Dense, Moist to Dry, Sand & Gravel, High Permeability (Petroleum Odor)	GM	
3–10			(Soil Sample)	Grey & Brown, Damp, Sandy Silt, Low Plasticity, High Permeability (Petroleum Odor)	SM	
11.20 / 11–18			(Soil Sample)	Dark Grey, Damp, Silty Clay, Moderate Plasticity High Permeability (No Petroleum Odor)	CL	
19–40						



WELL CONSTRUCTION DETAILS

131MW2LOG

TEC ACCUTITE SOIL BORING LOG

PROJECT NO. | LOCATION 131 Terminal Court, South San Francisco, CA

CLIENT Olympian

PIZOMETER NO. | MONITORING WELL NO. MW-3 | ELEVATION

DATE DRILLED 3/23/00 | START 3/23/00 | FINISH 3/23/00 | LOGGED BY Walter Cuculic

DRILLING METHOD Hollow Stem Auger | SAMPLING METHOD | DRILLED BY V&W DRILLING

DEPTH BELOW SURFACE	SAMPLES COLLECTED: INT	OVM ppm	SAMPLE ID	LITHOLOGY	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	WELL CONSTRUCTION DETAILS
0 FT				Asphalt			STREET BOX WITH CONCRETE SEAL; LOCKING CAP; CONCRETE SEAL; BENTONITE SEAL; 3' BLANK CASING
1–3			(Soil Sample)	Grey, Sand & Gravel, Medium Dense, Dry to Moist, No Plasticity, Low permeability, (Petroleum Odor)	GM		
4–9			(Soil Sample)	Grey & Brown, Silty Sand, Moist to Damp, Low Plasticity, Moderate Permeability (Slight Petroleum Odor)	SM		# 3 Monterey Sand
9.36 ▼							
10–18			(Soil Sample)	Dark Grey, Clay, Damp to Wet, Moderate Plasticity High Permeability	CL		15 Ft. of 0.02" Slotted Casing; Bottom Cap
19–40							

131MW3LOG

TEC ACCUTITE SOIL BORING LOG

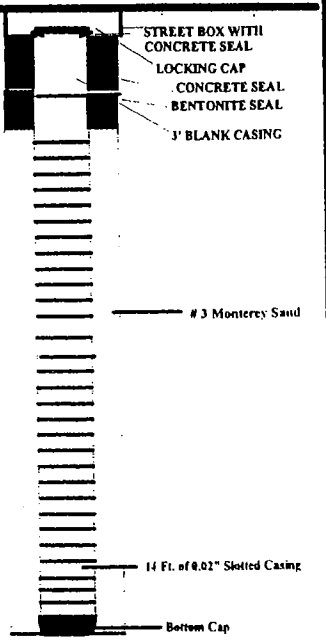
PROJECT NO.
CLIENT Olympian
PIZOMETER NO.
DATE DRILLED 3/23/00
DRILLING METHOD Hollow Stem Auger

LOCATION 131 Terminal Court, South San Francisco, CA
MONITORING WELL NO. MW-4
START 3/23/00 FINISH 3/23/00
SAMPLING METHOD

ELEVATION
LOGGED BY Walter Cuculic
DRILLED BY V&W DRILLING

DEPTH BELOW SURFACE	SAMPLES COLLECTED: INT	OVM ppm	SAMPLE ID	LITHOLOGY	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG
0 FT				Asphalt		
1–3			(Soil Sample)	Grey, Sand & Gravel, Moist, No Plasticity, High Permeability	GM	
4–6.40			(Soil Sample)	Grey Brown, Silty Sand, Damp to Wet, Low Plasticity, Moderate Permeability	SM	
7–15			(Soil Sample)	Dark Grey, Clay, Damp, Moderate Plasticity, High Permeability	CL	
17–40						

WELL CONSTRUCTION DETAILS



131MWILOG

TEC ACCUTITE SOIL BORING LOG

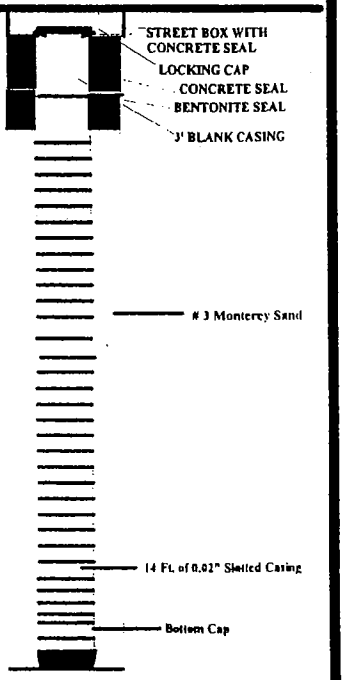
PROJECT NO.
CLIENT Olympian
PIZOMETER NO.
DATE DRILLED 3/23/00
DRILLING METHOD Hollow Stem Auger

LOCATION 131 Terminal Court
South San Francisco, CA
MONITORING WELL NO. MW-5
START 3/23/00 FINISH 3/23/00
SAMPLING METHOD

ELEVATION
LOGGED BY Walter Cuculic
DRILLED BY V&W DRILLING

DEPTH BELOW SURFACE	SAMPLES COLLECTED: INT	SAMPLES COLLECTED: OVM ppm	SAMPLES COLLECTED: SAMPLE ID	LITHOLOGY	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG
0 FT				Asphalt		
1 2.61 2 3			(Soil Sample)	Dark Brown & Grey, Sand & Gravel, Moist, No Plasticity, High Permeability	GM	
4 5 6 7 8 9 10			(Soil Sample)	Grey & Dark Brown, Silty Sand, Medium Dense, Moist to Damp, Low Plasticity, Moderate Permeability	SM	
11 12 13 14 15 16 17			(Soil Sample)	Dark Grey, Clay, Damp,	CL	
18 19 20 25 30 40						

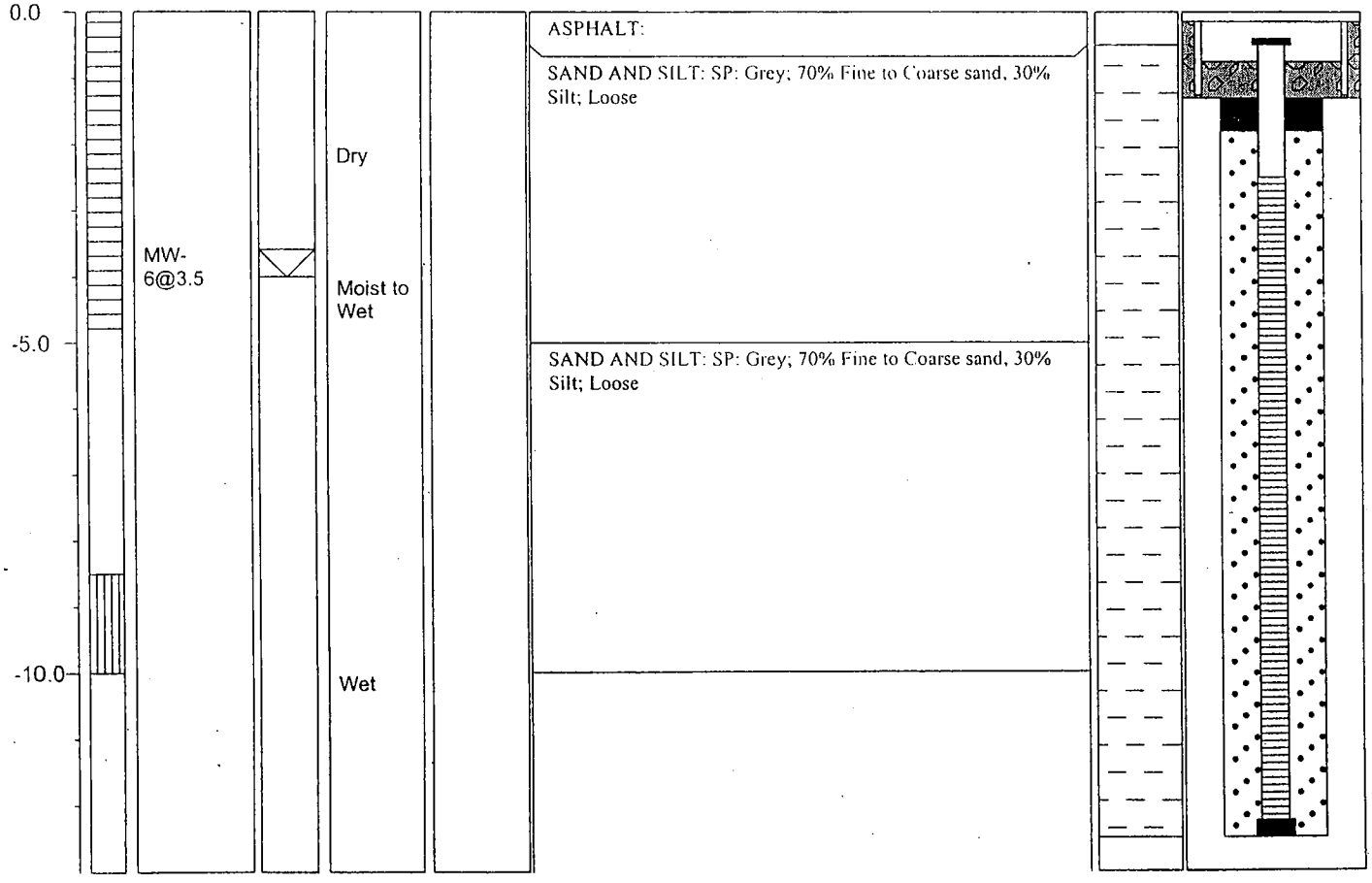
WELL CONSTRUCTION DETAILS



131MW3LOG

TEC ACCUTITE	BORING LOG	BORING/WELL NUMBER
		MW-6

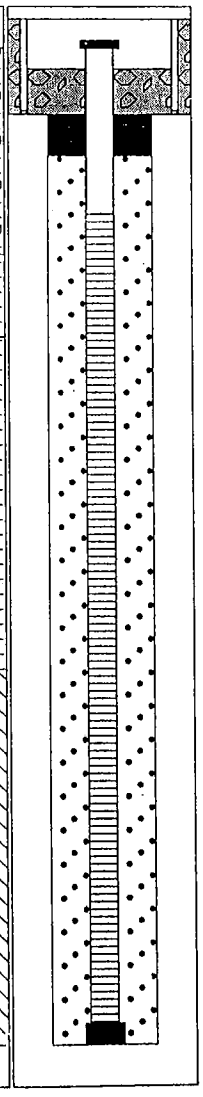
CLIENT:	Olympian Commercial Fueling Facility	TOTAL DEPTH:	12.5 ft bgs
LOCATION:	131 Terminal Court, SSF, CA 94080	WELL DEVELOPMENT:	Surge Block and Purging
DRILLING CO:	Greg Drilling	WELL CASING ELEVATION:	
DRILLING METHOD:	Hollow Stem Auger	HAND AUGERED:	5 fbg
WELL DIAMETER:	2"	SCREENED INTERVAL:	2.5 - 12.5 ft bgs
GEOLOGIST/ENGINEER:	Rehan	FIRST ENCOUNTERED WATER	4.5 ft bgs
PE/RG:	S.Malaeb PE#60888	STATIC WATER	
DATE STARTED: 07/02/01	DATE COMPLETED: 07/02/01		



TEC ACCUTITE	BORING LOG	BORING/WELL NUMBER
		MW-7

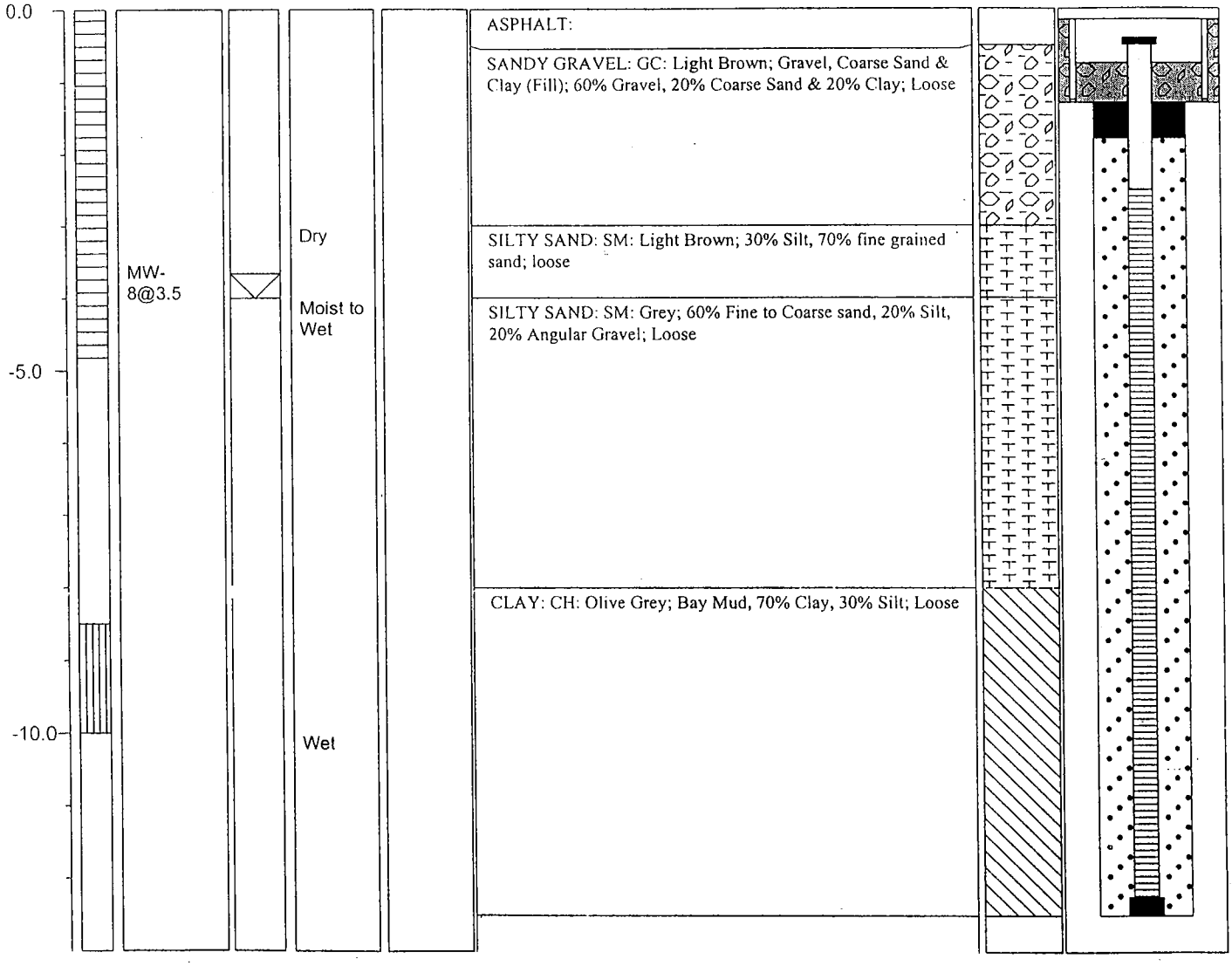
CLIENT:	Olympian Commercial Fueling Facility	TOTAL DEPTH:	12.5 ft bgs
LOCATION:	131 Terminal Court, SSF, CA 94080	WELL DEVELOPMENT:	Surge Block and Purging
DRILLING CO:	Greg Drilling	WELL CASING ELEVATION:	
DRILLING METHOD:	Hollow Stem Auger	HAND AUGERED:	5 fbg
WELL DIAMETER:	2"	SCREENED INTERVAL:	2.5 - 12.5 ft bgs
GEOLOGIST/ENGINEER:	Rehan	FIRST ENCOUNTERED WATER	4.5 ft bgs
PE/RG:	S.Malaeb PE#60888	STATIC WATER	
DATE STARTED: 07/02/01	DATE COMPLETED: 07/02/01		

DEPTH (ft)	Sample Interval	Sample ID	Water Level	Moisture	Estimated K	DESCRIPTION	USCS	WELL INSTALLATION
0.0						ASPHALT:		
						SANDY GRAVEL: GC: Light Brown; Gravel, Coarse Sand & Clay (Fill); 60% Gravel, 20% Coarse Sand & 20% Clay; Loose		
				Dry		SILTY SAND: SM: Light Brown; 70% fine grained sand,30% Silt ; loose		
		MW-7@4				SILTY SAND: SM: Grey; 60% Fine to Coarse sand, 20% Silt, 20% Angular Gravel; Loose		
-5.0				Moist to Wet				
						CLAY: CH: Olive Grey; Bay Mud, 70% Clay, 30% Silt; Loose		
-10.0				Wet				



TEC ACCUTITE	BORING LOG	BORING/WELL NUMBER
		MW-8

CLIENT:	Olympian Commercial Fueling Facility	TOTAL DEPTH:	12.5 ft bgs
LOCATION:	131 Terminal Court, SSF, CA 94080	WELL DEVELOPMENT:	Surge Block and Purging
DRILLING CO:	Greg Drilling	WELL CASING ELEVATION:	
DRILLING METHOD:	Hollow Stem Auger	HAND AUGERED:	5 fbg
WELL DIAMETER:	2"	SCREENED INTERVAL:	2.5 - 12.5 ft bgs
GEOLOGIST/ENGINEER:	Rehan	FIRST ENCOUNTERED WATER	4.5 ft bgs
PE/RG:	S.Malaeb PE#60888	STATIC WATER	
DATE STARTED: 07/02/01	DATE COMPLETED: 07/02/01		



APPENDIX C

SMCHD Soil Vapor Sampling Guidelines

USING A GEOPROBE TO COLLECT SUBSURFACE VAPOR SAMPLES FOR HUMAN HEALTH RISK EVALUATION

- Do not mobilize to sample subsurface vapor if measurable precipitation or site irrigation near the sampling location has occurred within the previous 5 days;
- Drill continuous cores as necessary to identify permeable strata (target vapor sampling locations) then backfill the borings with Portland cement (previous assessment may have provided this data);
- Connect a PRT adaptor to approximately 10 to 15 feet of tubing (assuming the total depth of the boring will be approximately 5 feet below grade), install a vapor tight valve on the other end of the tubing, close the vapor tight valve, and seat the PRT adaptor into the bottom of the lead drill rod;
- Hydraulically push the Geoprobe rod to the target vapor sampling depth then raise the drill rod approximately 6 inches[1];
- Place hydrated bentonite around the drill rod to inhibit surface air migration down the outer portion of the drill rod (do not simply add water to a pile of bentonite chips or pellets placed around the drill rod);
- Connect a tee fitting to the top of each purge and sample Summa canister and install a pressure gauge on the top of this fitting;
- Connect 1 to 2 feet of tubing to the tee fitting on each purge and sample canister (the consultant may opt to install an optional valve on the downhole side of the tee connected to the purge canister);
- Connect the free ends of each of the above tubes to a separate (third) tee fitting;
- Connect a 100 to 200 milliliter/minute flow regulator to the downhole side of the third tee fitting and connect the laboratory supplied particulate filter to the downhole side of the regulator (if required);
- Connect the vapor-tight valve in Bullet #3 to the downhole side of the filter (or regulator if the filter was built-in to the regulator);
- Vacuum test the connections between the summa canisters and valve on the downhole side of the regulator for 10 minutes by opening and closing the purge canister valve to place a test vacuum on the assembly (terminate further work if gauge vacuum can not be maintained for 10 minutes);

- If gauge vacuum was maintained for 10 minutes and it has been at least 30 minutes since the drill rod was sealed at the surface with bentonite, then open the purge canister valve and the valve on the downhole side of the regulator to begin purging ambient air from the sampling apparatus and borehole (record the time purging commenced);

- Close the purge canister valve when three volumes of air have been purged from the sample apparatus and borehole (the consultant must know how to calculate the appropriate purge volume prior to mobilization - the adequacy of purging must be based on the inches of pressure drop on the purge canister gauge and not time);

- Open the sample canister valve to begin sample collection (record the time sample collection begins);

- Drop a few pieces of isopropyl alcohol (leak test compound) moistened gauze down the inside of the drill rod and on the downhole side of the valve on the borehole side of the regulator (tinfoil is useful to hold the gauze in place – be careful not to pour isopropyl alcohol directly on the tubing and sample apparatus connections);

- Remoisten the gauze with isopropyl alcohol every 5 minutes[2];

- Close the sample canister valve when the sample canister gauge indicates approximately 5 inches Hg of vacuum remain in the canister (this should take approximately 25 minutes for a 6L Summa canister connected to a 200 milliliters/minute flow regulator);

- Record the time sample collection was stopped and replace the tee fitting on the sample canister with the laboratory supplied brass plug;

- Label the sample and record on the chain of custody the sample name, final vacuum, and the canister and flow controller serial numbers;

- Store the sample in a container that blocks sunlight and do not subject the sample to significant changes in pressure and temperature (avoid airline shipping of sample containers);

- Remove the drilling rod and sampling apparatus and backfill the borehole with Portland cement mixed at 6 gallons of water per 94-pound bag of cement.

FOOTNOTES:

1 - Hard drilling conditions may shear off the PRT fitting during drilling. In these conditions you must install the PRT fitting/valve assembly after reaching the target drilling depth, but before lifting the drilling rod 6 inches.

2 – Isopropyl alcohol moistened gauze must be added to all fitting connections if the reduction in sample canister gauge vacuum indicates sample collection will exceed one hour.

GENERAL NOTES:

Assemble and leak check the sampling apparatus prior to mobilizing to the field. County staff may ask the consultant to reschedule the work if the in-field vacuum leak test fails and cannot be rectified in a timely manner.

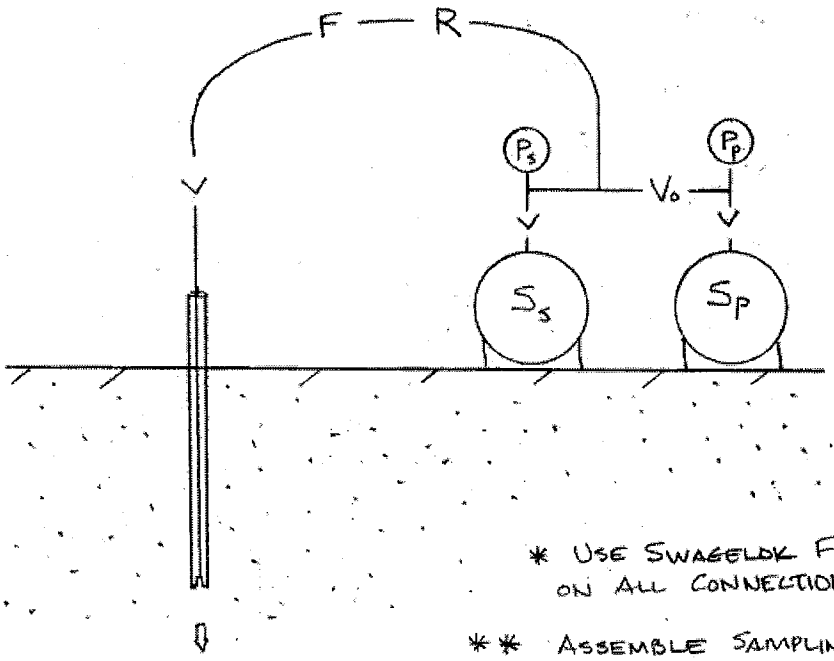
Use Swagelok® type fittings or equivalent for all connections. Wear a new pair of gloves when you assemble the sampling apparatus to limit potential cross-contamination.

Collect at least one duplicate sample from the area of expected impact. Do not chill the samples (discard if condensation observed in the sample tubing). Use EPA Method TO-14A or TO-15 for BTEX/MTBE and EPA TO-3 for TPH-gas (TO-3 can give high reporting limits for BTEX and MTBE due to matrix interference and TO-14A has less QA/QC for TPH-gas).

Additionally, analyze the samples for O_2, CO_2, methane, and isopropyl alcohol. The reporting limit for O_2, CO_2, and methane must be less or equal to the concentrations of these gases in the atmosphere. The reporting limit for isopropyl alcohol must be $\leq$ 100 ug/m3 (0.1 ug/L). Ensure the laboratory reporting limits for the chemicals of concern are below Regional Water Quality Control Board Environmental Screening Levels or previously approved site specific risk levels. Analyze Summa canister samples within 14 days of collection.

SCHEMATIC OF SUBSURFACE VAPOR SAMPLING SET-UP

V = VALVE
V_o = OPTIONAL VALVE
P = PRESSURE GAUGE
S_s = SAMPLE SUMMA CANISTER
S_p = PURGE SUMMA CANISTER
R = FLOW REGULATOR
F = FILTER



* USE SWAGELOK FITTINGS ON ALL CONNECTIONS

** ASSEMBLE SAMPLING APPARATUS AND LEAK TEST PRIOR TO MOBILIZING TO FIELD

6-3-04

Soil Gas Sampling – PRT System Operation

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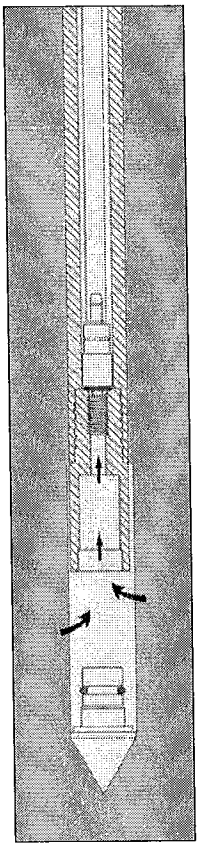


Soil Gas Sampling using the Post-Run Tubing (PRT) System.

Soil Gas Sampling — PRT System Operation

Basics

Using the Post-Run Tubing System, one can drive probe rods to the desired sampling depth, then insert and seal an internal tubing for soil gas sampling. The usual Geoprobe probe rods and driving accessories and the following tools are required:

- PRT Expendable Point Holder
- PRT Adapter
- Selected PRT Tubing

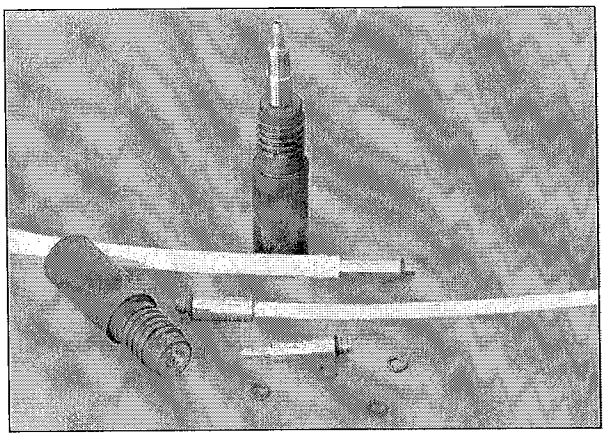
Preparation

1. Clean all parts prior to use. Install O-rings on the PRT Expendable Point Holder and the PRT adapter.
2. Inspect the probe rods and clear them of all obstructions.
3. TEST FIT the adapter with the PRT fitting on the expendable point holder to assure that the threads are compatible and fit together smoothly.

   NOTE: PRT fittings are left-hand threaded.

4. Push the adapter into the end of the selected tubing. Tape may be used on the outside of the adapter and tubing to prevent the tubing from spinning freely around the adapter during connection -- especially when using Teflon tubing **(Figure 1)**.

   REMEMBER: The sample will not contact the outside of the tubing or adapter.



PRT SYSTEM PARTS
PRT Expendable Point Holder, PRT Adapters, Tubing, and O-rings.

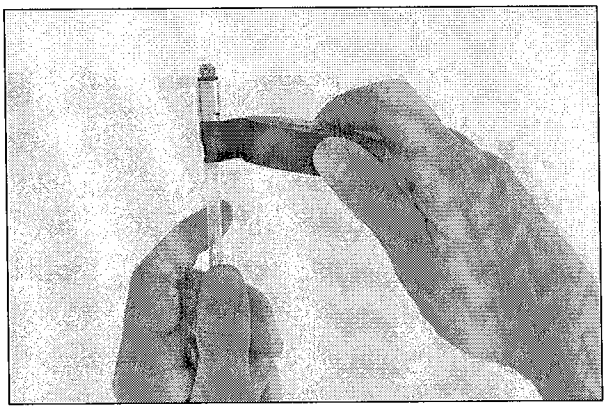


Figure 1. Securing adapter to tubing with tape. NOTE: Tape does not contact soil gas sample.

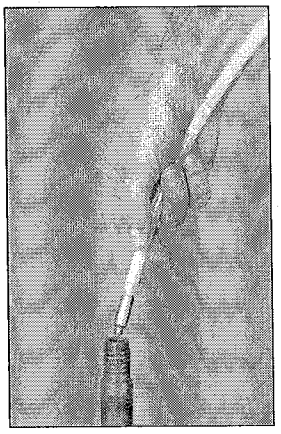


Figure 2. Insertion of tubing and PRT adapter.

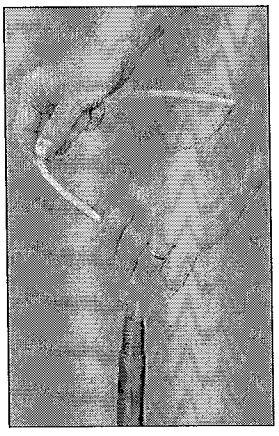
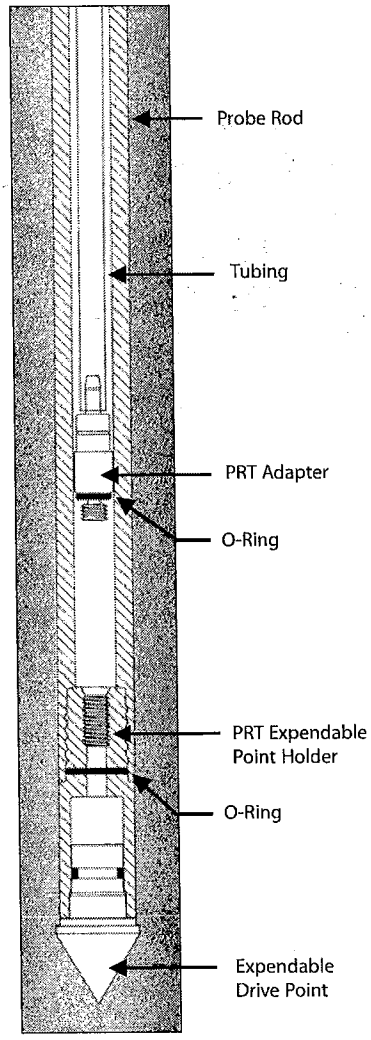


Figure 3. Engaging threads by rotating tubing.

Soil Gas Sampling — PRT System Operation



A cross section of probe rods driven to depth and then retracted to allow for soil gas sampling. The PRT adapter and tubing are now fed through the rods and rotated to form a vacuum-tight connection at the point holder. The result is a continuous run of tubing from the sample level to the surface.

Probing

Drive the PRT tip configuration into the ground. Connect probe rods as necessary to reach the desired depth. After depth has been reached, disengage the expendable point by pulling up on the probe rods. Remove the pull cap from the top probe rod, and position the Geoprobe unit to allow room to work.

Connection

1. Insert the adapter end of the tubing down the inside diameter of the probe rods **(Figure 2)**.

2. Feed the tubing down the rod bore until it hits bottom on the expendable point holder. Allow about 2 ft. (610 mm) of tubing to extend out of the hole before cutting it.

3. Grasp the excess tubing and apply some downward pressure while turning it in a counterclockwise motion to engage the adapter threads with the expendable point holder **(Figure 3)**.

4. Pull up lightly on the tubing to test engagement of the threads. (Failure of adapter to thread could mean that intrusion of soil may have occurred during driving of probe rods or disengagement of drive point.)

Soil Gas Sampling — PRT System Operation

Sampling

1. Connect the outer end of the tubing to the Silicone Tubing Adapter and vacuum hose (or other sampling apparatus).

2. Follow the appropriate sampling procedure for collecting a soil gas sample **(Figure 1)**.

Removal

1. After collecting a sample, disconnect the tubing from the vacuum hose or sampling system.

2. Pull up firmly on the tubing until it releases from the adapter at the bottom of the hole. (Taped tubing requires a stronger pull.)

3. Remove the tubing from the probe rods. Dispose of polyethylene tubing or decontaminate Teflon tubing as protocol dictates.

4. Retrieve the probe rods from the ground and recover the expendable point holder with the attached PRT adapter.

5. Inspect the O-ring at the base of the PRT adapter to verify that proper sealing was achieved during sampling. The O-ring should be compressed. This seal can be tested by capping the open end of the point holder applying vacuum to the PRT adapter.

6. Prepare for the next sample.

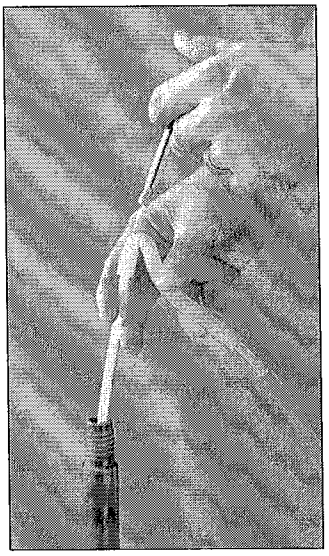


Figure 1. Taking a soil gas sample for direct injection into a GC with the PRT system.

CONESTOGA-ROVERS & ASSOCIATES

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www.CRAworld.com

TRANSMITTAL

DATE: 04/5/2012

REFERENCE NO.: 161558

PROJECT NAME: 131 Terminal Court
South San Francisco, CA

TO: Mr. Jacob Madden
San Mateo County Environmental Health
455 County Center
Redwood City, CA 94603

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other GeoTracker upload

QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – Annual 2012

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐ Review, Sign, and Return

COMMENTS:

If you have any question regarding the content of this document, please contact Ron Scheele at
(510) 420-3327

Copy to: Ms. Janet Heikel
Ms. Amanda Appelt
Mr. Primo Reppeto
Mr. James Schwartz

Completed by: Ron Scheele [Please Print]

Signed:

Filing: **Correspondence File**

GROUNDWATER MONITORING REPORT – ANNUAL 2012

FORMER OLYMPIAN STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

AGENCY CASE NO. 55014

Prepared by:
Conestoga-Rovers & Associates

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APRIL 5, 2012
REF. NO. 161558 (9)
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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Olympian JV (Olympian) in accordance with annual reporting requirements.

1.1 SITE INFORMATION

Site Address	131 Terminal Court, South San Francisco, CA
Site Use	Olympian Cardlock Facility
Client and Contact	Olympian JV, Janet Heikel
Consultant and Contact Person	CRA, Ron Scheele
Lead Agency and Contact	SMCEH, Jacob Madden
Agency Case No.	55014

2.0 SITE ACTIVITIES AND RESULTS

2.1 CURRENT ACTIVITIES

On March 2, 2012, CRA contracted Muskan Environmental Sampling (MES) to conduct annual monitoring and sampling activities at 131 Terminal Court, South San Francisco, California.

2.2 CURRENT RESULTS

Groundwater Flow Direction	Northeast
Hydraulic Gradient	0.02
Average Depth to Water	3.31 ft
Were Measureable Separate Phase Hydrocarbons Observed	No
Current Remediation Techniques	Monitored Natural Attenuation

Groundwater levels measured on March 2, 2012 indicate that groundwater beneath the site flows primarily toward the northeast at a gradient of approximately 0.02 ft/ft. Groundwater flow conditions observed during the first quarter 2012 are consistent with

conditions observed during previous monitoring events. Groundwater elevation contours are presented on Figure 2.

Groundwater samples were collected from wells MW-1, MW-2, and MW-8. Wells MW-3, MW-5, MW-6, and MW-7 are not part of the sampling schedule. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) and total petroleum hydrocarbons as diesel (TPHd) with silica gel cleanup by modified United States Environmental Protection Agency (EPA) Method 8015Bm and 8015B, respectively; benzene, toluene, ethylbenzene, and xylenes (BTEX) and methyl tertiary-butyl ether (MTBE) by EPA Method 8021B.

TPHg, TPHd, and BTEX concentrations were detected in wells MW-1 and MW-2. Maximum TPHg and TPHd concentrations of 7,000 and 2,100 micrograms per liter (µg/L), respectively, were detected in well MW-1. Maximum benzene concentrations of 2,400 µg/L were also detected in MW-1. MTBE was only detected above the laboratory detection limit in well MW-2 at a concentration of 96 µg/L.

The increase in dissolved-phase hydrocarbon concentrations in MW-1 is likely related to the lower groundwater elevation, the lowest recorded since July 13, 2001. Dissolved-phase hydrocarbon concentrations in MW-2 are slightly less than previous quarters. Overall, wells continue to exhibit stable to decreasing hydrocarbon concentration trends. A summary of groundwater analytical results is presented in Table 1 and Figure 2.

All necessary groundwater monitoring data from the first quarter 2012 sampling event has been submitted to the GeoTracker database.

2.3 PROPOSED ACTIVITIES

- During the second quarter 2012, additional soil borings will be drilled and soil samples will be collected to assist in delineating the extent of hydrocarbon-impacted soil and to estimate the extent of a proposed remedial soil excavation. Results of the subsurface investigation will be presented in a Remedial Action Plan (RAP). CRA will implement the proposed remedial excavation once the onsite UST fueling system has been removed by the facility operator (NELLA Oil). Removal of the underground storage tank fueling system is tentatively scheduled for September 2012.
- No further groundwater monitoring and sampling activities are planned for 2012.

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

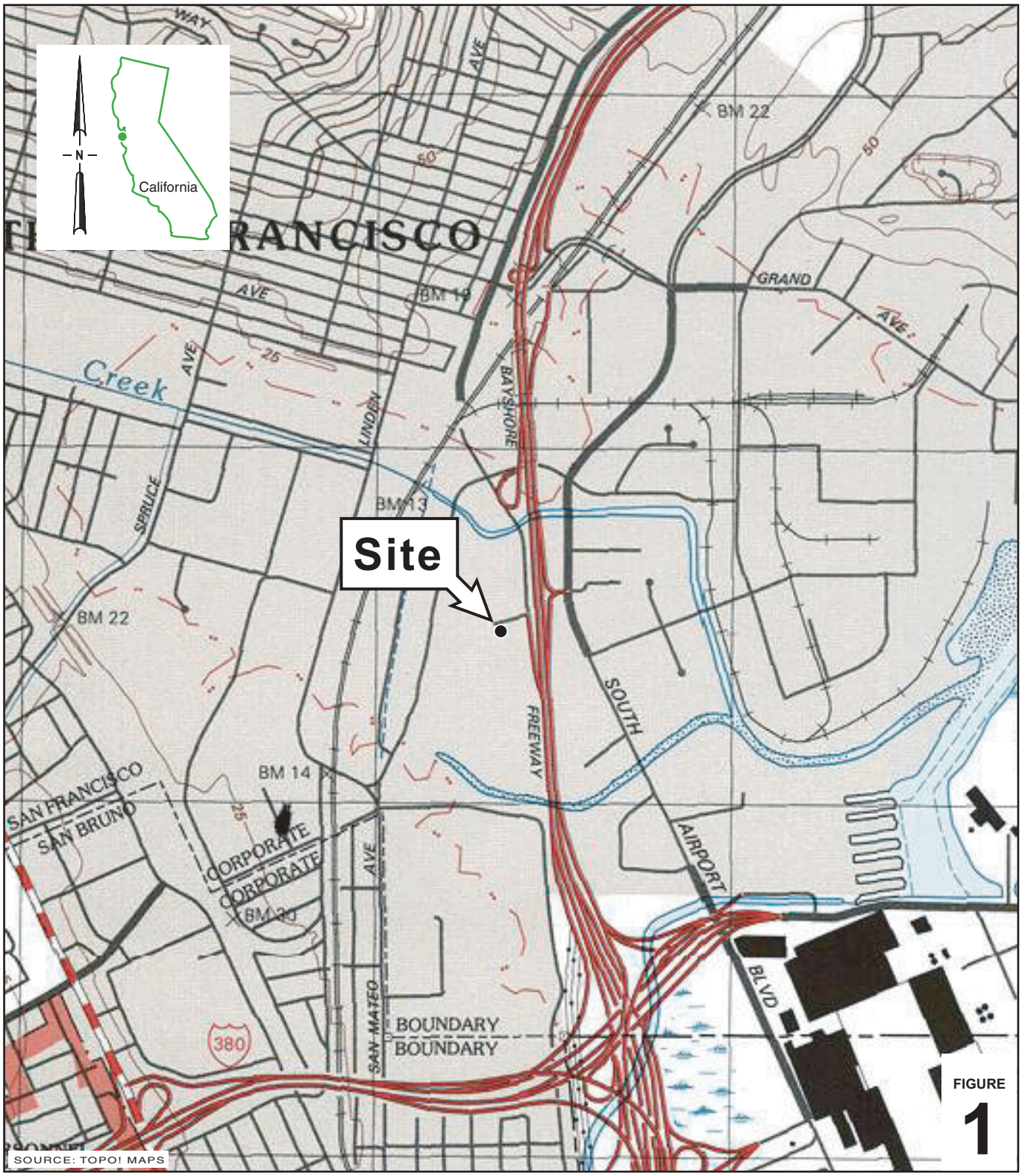
Tarah Kirnan

Ron Scheele, P.G.

Conestoga-Rovers & Associates, Inc. (CRA) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to CRA from outside sources and/or in the public domain, and partially on information supplied by CRA and its subcontractors. CRA makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by CRA. This document represents the best professional judgment of CRA. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.

FIGURES

09/01/06



H:\OLYMPIAN\131 TERMINAL S SAN FRANCISCO\FIGURES\VICINITY-MAP.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Olympian Cardlock Facility

131 Terminal Court

South San Francisco, California

CONESTOGA-ROVERS & ASSOCIATES

Site Vicinity Map

EXPLANATION

- MONITORING WELL LOCATION
- DESTROYED WELL LOCATION
- 2.25 — GROUNDWATER ELEVATION CONTOUR, IN FEET ABOVE MEAN SEA LEVEL (MSL),
- x.xx — GROUNDWATER FLOW DIRECTION AND GRADIENT (ft/ft)

WELL — WELL DESIGNATION
ELEV — GROUNDWATER ELEVATION (MSL)
TPHG — TPHG CONCENTRATION (µg/L)
BENZ — BENZENE CONCENTRATION (µg/L)
MTBE — MTBE CONCENTRATION (µg/L)
TPHD — TPHD CONCENTRATION (µg/L)

Airport parking

parking lot

sidewalk

TERMINAL COURT

PRODUCE AVENUE

BAYSHORE FREEWAY

fenceline

2.75

2.25

1.75

1.75

2.25

2.75

0.02

MW-7
2.78
NS

MW-8
1.64
<50
<0.5
<5.0
<50

MW-2
2.58
270
21
96
150

MW-1
3.17
7,000
2,400
<150
2,100

MW-3
2.97
NS

MW-5
2.92
NS

MW-6
3.06
NS

Gate Guard

dispenser islands

USTs

Administration Building

loading dock

MW-4

parking lot

loading zone

Park 'N' Fly parking lot

US HWY 101 SOUTH

0°
90°
180°
270°

HISTORIC GROUNDWATER FLOW DIRECTION

N

0 20 50ft

Golden Gate Produce Terminal

Figure 2

GROUNDWATER ELEVATION CONTOUR MAP
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March 2, 2012

161558-2012(009)GN-EM002 MAR 30/2012

TABLE

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID TOC	*Date* Sampled	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
Grab Groundwater Samples																	
B-1	10/12/1999	~4	--	600	750	23	2	1	6	4,700	--	--	--	--	--	--	--
B-2	10/12/1999	~4	--	<50	120	20	1	4	13	260	--	--	--	--	--	--	--
B-3	10/12/1999	~4	--	8,800	21,000	1,200	1,600	490	2,900	16	--	--	--	--	--	--	--
B-4	10/12/1999	~4	--	3,600	9,200	520	360	470	1,800	53	--	--	--	--	--	--	--
B-5	10/12/1999	~4	--	<50	80	2	2	2	7	2	--	--	--	--	--	--	--
B-6	10/12/1999	~4	--	3,200	3,500	370	6	4	6	25,000	--	--	--	--	--	--	--
B-7	10/12/1999	~4	--	<50	90	2	0.8	2	7	220	--	--	--	--	--	--	--
B-8	10/12/1999	~4	--	<50	<50	<0.5	0.7	0.6	3	0.9	--	--	--	--	--	--	--
B-9	10/12/1999	~4	--	<50	<50	0.6	0.9	<0.5	<1.0	<0.5	--	--	--	--	--	--	--
B-10	3/17/2000	~4	--	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--	--
B-11	3/17/2000	~4	--	69,000**	16,000	850	3,000	560	2,900	<0.5	--	--	--	--	--	--	--
B-12	3/17/2000	~4	--	8,600**	5,000	4	5	91	38	<0.5	--	--	--	--	--	--	--
B-13	3/17/2000	~4	--	110	77	2	0.8	1	3	<0.5	--	--	--	--	--	--	--
B-14	3/17/2000	~4	--	--	70	<0.5	1	0.8	3	<0.5	--	--	--	--	--	--	--
B-15	9/19/2007	~5	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.89	--	--	--	--	--	--	--
B-16-W	3/29/2010	~5	--	160,000 (200,000) #	47,000 #	4,400	130	2,100	4,400	800	--	--	--	--	--	--	--
B-17-W	3/29/2010	~5	--	72,000 (87,000) #	62,000 #	3,800	6,200	2,400	5,500	<250	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID *TOC*	*Date* *Sampled*	*Depth to Water* *(ft btoc)*	*Groundwater Elevation* *(ft amsl)*	*TPHd* *(µg/L)*		*TPHg* *(µg/L)*		*Benzene* *(µg/L)*	*Toluene* *(µg/L)*	*Ethylbenzene* *(µg/L)*	*Xylenes* *(µg/L)*	*MTBE* *(µg/L)*	*TBA* *(µg/L)*	*ETBE* *(µg/L)*	*TAME* *(µg/L)*	*DIPE* *(µg/L)*	*1,2-DCA* *(µg/L)*	*EDB* *(µg/L)*	*EtOH* *(µg/L)*
B-18-W	3/29/2010	~5	--	170,000 (96,000)	#	69,000	#	6,800	250	2,900	9,600	<550	--	--	--	--	--	--	--
B-19-W	3/29/2010	~5	--	63,000 (72,000)	#	15,000	#	82	6.7	270	31	<110	--	--	--	--	--	--	--
B-20-W	3/29/2010	~5	--	370 (370)	#	91	#	<0.5	0.93	<0.5	<0.5	7.2	--	--	--	--	--	--	--
B-21-W	3/29/2010	~5	--	120 (<50)	#	<50	#	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
B-23-W	3/29/2010	~5	--	580 (230)	#	<50	#	8	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
B-24-W	3/29/2010	~5	--	1,200 (980)	#	140	#	<0.5	<0.5	<0.5	<0.5	10	--	--	--	--	--	--	--
B-25-W	3/29/2010	~5	--	230 (190)	#	<50	#	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
Monitoring Well Samples																			
MW-1	4/6/2000	2.19	4.20	260		1,400		350	18	12	110	5	--	--	--	--	--	--	--
6.39	7/28/2000	2.55	3.84	1,000		10,000		1,300	1,900	240	1,700	<0.5	ND	--	--	--	--	--	--
	11/2/2000	2.11	4.28	510	#	11,000		1,200	1,800	230	1,600	<0.5	--	--	--	--	--	--	--
	3/7/2001	1.47	4.92	2	#	17,000		4,000	230	830	1,500	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.52	2.87	1,200	#	7,500		1,300	750	310	810	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	2.23	4.16	--		7,480		2,990	82.5	470	901	3*	108	--	--	--	--	--	--
	7/19/2002	2.55	3.84	--		5,060		1,070	172	2.8	733	3	104	--	--	--	--	--	--
	2/7/2003	2.17	4.22	--		8,260		3,020	43.3	493	448	10	326	--	--	--	--	--	--
	9/17/2003	2.85	3.54	--		7,020		1,250	241	112	1,250	<5	--	--	--	--	--	--	--
	12/23/2003	0.90	5.49	--		6,250		1,140	30.2	127	980	2.2	ND	--	--	--	--	--	--
	3/16/2004	1.84	4.55	--		2,000		408	2.6	30	101	<0.5*	ND	--	--	--	--	--	--
	6/29/2004	2.53	3.86	--		3,200		523	212	85.6	483	3.1*	ND	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID / *TOC*	*Date Sampled*	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)		*TPHg* (µg/L)		*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
MW-1	7/22/2004	2.48	3.91	--		3,800		440	290	52	440	<5.0	--	--	--	--	--	--	--
cont.	12/9/2004	0.38	6.01	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.00	5.39	--		520	#	120	1.4	1.3	25	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.06	3.33	--		7,200	#	920	110	110	1,400	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.72	3.67	460	#	7,200	#	960	280	130	750	3.2	--	--	--	--	--	--	--
	3/14/2007	1.88	4.51	400	#	2,600	#	620	<1.7	2.1	33	<17	--	--	--	--	--	--	--
	9/19/2007	2.96	3.43	560	#	4,000	#	560	35	14	640	<50	--	--	--	--	--	--	--
	3/14/2008	1.72	4.67	590	#	2,300	#	640	5.9	<5.0	40	<50	--	--	--	--	--	--	--
	9/2/2008	2.93	3.46	590	#	4,000	#	490	50	46	780	<25	--	--	--	--	--	--	--
	3/9/2009	2.32	4.07	840	#	5,800	#	1,600	11	13	40	<80	--	--	--	--	--	--	--
	3/10/2010	1.37	5.02	350	#	590	#	110	1.5	1.1	7.0	<15	--	--	--	--	--	--	--
	3/8/2011	1.76	4.63	<50		500	#	80	1.3	0.56	4.2	<15	--	--	--	--	--	--	--
	3/2/2012	**3.22**	**3.17**	**2,100**	#	**7,000**	#	**2,400**	**17**	**12**	**56**	**<150**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-2	4/6/2000	3.39	2.87	110		170		4	2	1	21	8	--	--	--	--	--	--	--
6.26	7/28/2000	3.53	2.73	400		860		150	22	11	100	3*	ND	--	--	--	--	--	--
	11/2/2000	4.03	2.23	240	#	940		160	39	25	95	1	--	--	--	--	--	--	--
	3/7/2001	5.16	1.10	0.10	#	570		86	7	14	33	<0.5	ND	--	--	--	--	--	--
	7/13/2001	4.08	2.18	170		320		60	5	6	20	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	3.51	2.75	--		483		120	19.3	12.5	56.1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.87	3.39	--		391	#	<0.5	<0.5	<0.5	<1	6.1*	67	--	--	--	--	--	--
	2/7/2003	2.77	3.49	--		482		43.1	1.7	9	60.2	8	ND	--	--	--	--	--	--
	9/17/2003	2.98	3.28	--		689		87.9	1.7	13.7	85.2	8.3*	87	--	--	--	--	--	--
	12/23/2003	2.68	3.58	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.54	3.72	--		763		97.5	1.3	9.9	72.9	14.3*	50	--	--	--	--	--	--
	6/29/2004	2.70	3.56	--		829		104	2.8	19.1	105	23.1*	77	--	--	--	--	--	--
	7/22/2004	2.63	3.63	--		590		55	3.2	13	65	15	--	--	--	--	--	--	--
	12/9/2004	3.42	2.84	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.40	3.86	--		450	#	82	1.4	12	47	17*	54	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.42	2.84	--		610	#	87	1.4	15	64	17	--	--	--	--	--	--	--
	8/24/2006	3.20	3.06	670	#	930	#	91	1.8	16	130	82*	--	--	--	--	--	--	--
	3/14/2007	3.25	3.01	480	#	1,100	#	120	1.3	20	99	70	--	--	--	--	--	--	--
	9/19/2007	3.84	2.42	710	#	660	#	55	2.8	10	63	42	--	--	--	--	--	--	--
	3/14/2008	3.60	2.66	420	#	950	#	110	<5.0	15	82	90	--	--	--	--	--	--	--
	9/2/2008	3.89	2.37	370	#	680	#	59	10	13	71	70	--	--	--	--	--	--	--
	3/9/2009	3.25	3.01	350	#	740	#	88	1.0	10	61	130	--	--	--	--	--	--	--
	3/10/2010	4.29	1.97	560	#	350	#	18	1.5	4.7	19	100	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID TOC	*Date* Sampled	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)		*TPHg* (µg/L)		*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
MW-2	3/8/2011	3.65	2.61	160	#	420	#	30	3.2	5.8	28	150	--	--	--	--	--	--	--
cont.	**3/2/2012**	**3.68**	**2.58**	**150**	#	**270**	#	**21**	**0.59**	**4.0**	**8.4**	**96**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-3	4/6/2000	2.95	3.63	<50		690		1	6	5	32	4	--	--	--	--	--	--	--
6.58	7/28/2000	3.27	3.31	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.24	3.34	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	3/7/2001	2.13	4.45	<50		<50		0.8	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.25	3.33	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	3.02	3.56	--		59		0.6	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.16	3.42	--		<50		<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.90	3.68	--		<50		1.1	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.38	4.2	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.60	3.98	--		67		<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	6/29/2004	3.12	3.46	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	3.09	3.49	--		<50		<0.5	0.56	<0.5	1.4	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.95	3.63	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.08	4.50	--		<50		<0.5	<0.5	<0.5	<0.5	<0.5*	12	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.35	3.23	--		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	3.09	3.49	<50		<50		<0.5	<0.5	<0.5	<0.5	<0.5*	--	--	--	--	--	--	--
	3/14/2007	2.74	3.84	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	3.34	3.24	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	2.90	3.68	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	3.45	3.13	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	2.81	3.77	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	2.90	3.68	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2011	2.94	3.64	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2012	**3.61**	**2.97**	**--**		**--**		**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4	4/6/2000	3.03	3.72	<50		110		52	35	4	22	3	--	--	--	--	--	--	--
6.75	7/28/2000	3.35	3.4	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.27	3.48	<50		<50		<0.5	<0.5	<0.5	<1	2	--	--	--	--	--	--	--
	3/7/2001	2.61	4.14	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.37	3.38	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	3.19	3.56	<50		<50		<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.31	3.44	--		<50		<0.5	<0.5	<0.5	<1	4.5*	ND	--	--	--	--	--	--
	2/7/2003	--	--	--		--		--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID / *TOC*	*Date Sampled*	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
MW-4	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cont.	12/23/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							Well Destroyed in 2004										
MW-5	4/6/2000	2.68	3.73	<50	<50	8	1	0.6	1	19*	--	--	--	--	--	--	--
6.41	7/28/2000	2.93	3.48	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	2.91	3.5	<50	<50	<0.5	<0.5	<0.5	<1	6*	--	--	--	--	--	--	--
	3/7/2001	2.40	4.01	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	2.94	3.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	2.77	3.64	--	<50	0.9	0.6	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.89	3.52	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.65	3.76	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.48	3.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.75	3.66	--	<50	<0.5	<0.5	<0.5	<1	6.8*	ND	--	--	--	--	--	--
	6/29/2004	2.92	3.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.66	4.75	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.82	3.59		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.84	3.57		<50	<0.5	<0.5	<0.5	<0.5	2.6*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.12	3.29	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.96	3.45	<50	<50	<0.5	<0.5	<0.5	<0.5	0.61*	--	--	--	--	--	--	--
	3/14/2007	2.81	3.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.98	3.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	2.78	3.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	3.05	3.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	2.47	3.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	2.82	3.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2011	2.86	3.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2012	**3.49**	**2.92**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-6	7/13/2001	2.85	3.37	<50	<50	<0.5	<0.5	<0.5	<1	10*	ND	--	--	--	--	--	--
6.22	1/23/2002	2.70	3.52	--	<50	<0.5	<0.5	<0.5	<1	23*	ND	--	--	--	--	--	--
	7/19/2002	2.76	3.46	--	<50	<0.5	<0.5	<0.5	<1	7*	ND	--	--	--	--	--	--
	2/7/2003	2.57	3.65	--	<50	<0.5	<0.5	<0.5	<1	14	ND	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.25	3.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.35	3.87	--	<50	<0.5	<0.5	<0.5	<1	7.4*	ND	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID *TOC*	*Date* *Sampled*	*Depth to Water* *(ft btoc)*	*Groundwater Elevation* *(ft amsl)*	*TPHd* *(µg/L)*		*TPHg* *(µg/L)*	*Benzene* *(µg/L)*	*Toluene* *(µg/L)*	*Ethylbenzene* *(µg/L)*	*Xylenes* *(µg/L)*	*MTBE* *(µg/L)*	*TBA* *(µg/L)*	*ETBE* *(µg/L)*	*TAME* *(µg/L)*	*DIPE* *(µg/L)*	*1,2-DCA* *(µg/L)*	*EDB* *(µg/L)*	*EtOH* *(µg/L)*
MW-6	6/29/2004	2.75	3.47	--		--	--	--	--	--	--	--	--	--	--	--	--	--
cont.	7/22/2004	1.66	4.56	--		<50	<0.5	1.9	0.59	4.3	8.7	--	--	--	--	--	--	--
	12/9/2004	2.39	3.83	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.09	4.13	--		<50	<0.5	<0.5	<0.5	<0.5	20*	13	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	2.95	3.27	--		<50	<0.5	<0.5	<0.5	<0.5	8.1	--	--	--	--	--	--	--
	8/24/2006	2.65	3.57	54	#	<50	<0.5	<0.5	<0.5	<0.5	3.2	--	--	--	--	--	--	--
	3/14/2007	2.48	3.74	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.79	3.43	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	2.55	3.67	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	2.95	3.27	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	2.35	3.87	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	2.60	3.62	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2011	2.59	3.63	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2012	**3.16**	**3.06**	**--**		**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-7	7/13/2001	2.65	2.82	80		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
5.47	1/23/2002	1.74	3.73	--		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	1.75	3.72	--		98	6.3	2.8	1.7	6.8	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	1.62	3.85	--		<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	1.91	3.56	--		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	12/23/2003	0.70	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	1.33	4.14	--		<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	6/29/2004	1.60	3.87	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.67	3.80	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	0.83	4.64	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.08	4.39	--		<50	<0.5	<0.5	<0.5	<0.5	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9.29/05	2.31	3.16	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.14	3.33	150	#	<50	<0.5	<0.5	<0.5	<0.5	0.54	--	--	--	--	--	--	--
	3/14/2007	1.97	3.50	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.34	3.13	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	1.96	3.51	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	2.36	3.11	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	1.77	3.70	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	1.75	3.72	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2011	1.91	3.56	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2012	**2.69**	**2.78**	**--**		**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID / *TOC*	*Date Sampled*	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
MW-8	7/13/2001	1.99	2.95	700	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
4.94	1/23/2002	2.31	2.63	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.36	2.58	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.27	2.67	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	2.52	2.42	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	12/23/2003	1.30	3.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	1.95	2.99	--	<50	<0.5	<0.5	<0.5	<1	3.2*	ND	--	--	--	--	--	--
	6/29/2004	2.24	2.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	2.29	2.65	--	<50	<0.5	1.7	0.51	3.7	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.29	2.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.81	3.13	--	<50	<0.5	<0.5	<0.5	<0.5	1.7*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.01	1.93	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.80	2.14	<50	<50	<0.5	<0.5	<0.5	<0.5	2.4*	--	--	--	--	--	--	--
	3/14/2007	2.66	2.28	74 #	<50 #	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	9/19/2007	3.01	1.93	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/14/2008	2.68	2.26	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	9/2/2008	3.01	1.93	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/9/2009	2.43	2.51	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/10/2010	2.45	2.49	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/8/2011	2.71	2.23	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/2/2012	**3.30**	**1.64**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

Notes:

TOC = Elevation of the top of casing in feet relative to mean sea level

TOC elevation survey completed in July 2001 by Virgil Chavez Land Surveying

ft btoc = measured in feet below top of casing

ft amsl = measured in feet above sea level

TPHd = Total petroleum hydrocarbons as diesel by EPA modified Method SW8015C, (with sillica gel cleanup)

TPHg = Total petroleum hydrocarbons as gasoline by EPA modified Method SW8015C

Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method SW8021B

MTBE = Methyl-tert-butyl ether (MTBE) (EPA Method 8020 or 8021B)

TBA = tert-Butyl Alcohol (EPA Method 8260)

µg/L = Micrograms per liter

ND = compound not detected above laboratory reporting limits

<X = Concentration less than laboratory reporting limits

-- = Not analyzed / not applicable / not available

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID	*Date*	*Depth to Water*	*Groundwater Elevation*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*	*TBA*	*ETBE*	*TAME*	*DIPE*	*1,2-DCA*	*EDB*	*EtOH*
TOC	*Sampled*	*(ft btoc)*	*(ft amsl)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*

* = MTBE confirmed by EPA Method 8260
** = Does not match diesel pattern
# = See laboratory report for notes and/or a description of chromatogram pattern
NA = Not avaliable, not analyzed

Note: Total Dissolved Solids (TDS) analyzed for MW-3 on 7/13/01 showed concentration of 19,524 ppm.

APPENDIX A

STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

CONESTOGA-ROVERS & ASSOCIATES' STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

This document presents standard field methods for groundwater monitoring, purging and sampling, and well development. These procedures are designed to comply with Federal, State and local regulatory guidelines. Conestoga-Rovers and Associates' field procedures are summarized below.

Groundwater Elevation Monitoring

Prior to performing monitoring activities, the historical monitoring and analytical data of each monitoring well shall be reviewed to determine if any of the wells are likely to contain non-aqueous phase liquid (NAPL) and to determine the order in which the wells will be monitored (i.e. cleanest to dirtiest). Groundwater monitoring should not be performed when the potential exists for surface water to enter the well (i.e. flooding during a rainstorm).

Prior to monitoring, each well shall be opened and the well cap removed to allow water levels to stabilize and equilibrate. The condition of the well box and well cap shall be observed and recommended repairs noted. Any surface water that may have entered and flooded the well box should be evacuated prior to removing the well cap. In wells with no history of NAPL, the static water level and total well depth shall be measured to the nearest 0.01 foot with an electronic water level meter. Wells with the highest contaminant concentrations shall be measured last. In wells with a history of NAPL, the NAPL level/thickness and static water level shall be measured to the nearest 0.01 foot using an electronic interface probe. The water level meter and/or interface probe shall be thoroughly cleaned and decontaminated at the beginning of the monitoring event and between each well. Monitoring equipment shall be washed using soapy water consisting of Liquinox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water.

Groundwater Purging and Sampling

Prior to groundwater purging and sampling, the historical analytical data of each monitoring well shall be reviewed to determine the order in which the wells should be purged and sampled (i.e. cleanest to dirtiest). No purging or groundwater sampling shall be performed on wells with a measurable thickness of NAPL or floating NAPL globules. If a sheen is observed, the well should be purged and a groundwater sample collected only if no NAPL is present.

Wells shall be purged according to low flow protocol using an aboveground peristaltic pump. Groundwater wells shall be purged at a low flow rate not to exceed 500 milliliters per minute (mL/min) until groundwater parameters of conductivity and/or dissolved oxygen have stabilized to within 10 percent for three consecutive readings. Temperature, pH, and conductivity shall also be measured and recorded approximately every 3 to 5 minutes. The total volume of groundwater removed shall be recorded along with any other notable physical characteristic such as color and odor. If required, field parameters such as turbidity shall also be measured prior to collection of each groundwater sample.

Groundwater samples shall be collected after well parameters have stabilized at a low flow rate not to exceed 500 mL/min. Groundwater samples shall be decanted into clean containers supplied by the analytical laboratory. New latex gloves and Teflon lined tubing shall be used for sampling each well.

Sample Handling

Except for samples that will be tested in the field, or that require special handling or preservation, samples shall be stored in coolers chilled to 4° C for shipment to the analytical laboratory. Samples shall be labeled, placed in protective foam sleeves or bubble wrap as needed, stored on crushed ice at or below 4° C, and submitted under chain-of-custody (COC) to the laboratory. The laboratory shall be notified of the sample shipment schedule and arrival time. Samples shall be shipped to the laboratory within a time frame to allow for extraction and analysis to be performed within the standard sample holding times.

Sample labels shall be filled out using indelible ink and must contain the site name; field identification number; the date, time, and location of sample collection; notation of the type of sample; identification of preservatives used; remarks; and the signature of the sampler. Field identification must be sufficient to allow easy cross-reference with the field datasheet.

All samples submitted to the laboratory shall be accompanied by a COC record to ensure adequate documentation. A copy of the COC shall be retained in the project file. Information on the COC shall consist of the project name and number; project location; sample numbers; sampler/recorder's signature; date and time of collection of each sample; sample type; analyses requested; name of person receiving the sample; and date of receipt of sample.

Laboratory-supplied trip blanks shall accompany the samples and be analyzed to check for cross-contamination, if requested by the project manager.

Waste Handling and Disposal

Groundwater extracted during sampling shall be stored onsite in sealed U.S. DOT H17 55-gallon drums and shall be labeled with the contents, date of generation, generator identification, and consultant contact. Extracted groundwater may be disposed offsite by a licensed waste handler or may be treated and discharged via an operating onsite groundwater extraction/treatment system.

APPENDIX B

CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct. SF	Date Sampled: 03/02/12
		Date Received: 03/05/12
5900 Hollis St, Suite A	Client Contact: Ron Scheele	Date Reported: 03/09/12
Emeryville, CA 94608	Client P.O.:	Date Completed: 03/08/12

WorkOrder: 1203117

March 09, 2012

Dear Ron:

Enclosed within are:

1) The results of the **3** analyzed samples from your project: **#161558; Olympian-Terminal Ct. SF,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1203117

McCampbell Analytical, Inc.

1534 Willow Pass Rd. / Pittsburg, Ca. 94565-1701
www.mccampbell.com / main@mccampbell.com
Telephone: (877) 252-9262 / Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ **PDF** ☑ **Excel** ☐ **Write On (DW)** ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Ron Scheele	**Bill To:** Conestoga-Rovers & Associates
Company: Conestoga-Rovers & Associates, 5900 Hollis St., Ste. A, Emeryville, CA	**E-Mail:** rscheele@crawworld.com, tkirnan@crawworld.com
Tele: (510) 420-3327	**Fax:** (510) 420-9170
Project #: 161558	**Project Name:** Olympian-Terminal C-SSF
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature: Muskan Environmental Sampling	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015) with silica gel cleanup	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other: Filter sample for DISSOLVED metals analysis	Comments
MW-1		3/2/12	13:55	3	VOA Amb	X					X	X			X	X																	
MW-2		"	11:52	1	"	X					X	X			X	X																	
MW-3		"	10:37	"	"	X					X	X			X	X																*	

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
	3/5/12	1235	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 2.6
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION: VOAS ✓ O&G METALS OTHER pH<2

COMMENTS:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1203117 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Ron Scheele
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3369 FAX: (510) 420-9170

Email: rscheele@CRAworld.com
cc:
PO:
ProjectNo: #161558; Olympian-Terminal Ct. SF

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **03/05/2012**
Date Printed: **03/05/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1203117-001	MW-1	Water	3/2/2012 13:55	☐	A	A	B									
1203117-002	MW-2	Water	3/2/2012 11:52	☐	A		B									
1203117-003	MW-8	Water	3/2/2012 10:37	☐	A		B									

Test Legend:

1	G-MBTEX_W	2	PREDF REPORT	3	TPH(D)WSG_W	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **3/5/2012 12:43:24 PM**

Project Name: **#161558; Olympian-Terminal Ct. SF**
Checklist completed and reviewed by: Maria Venegas

WorkOrder N°: **1203117** Matrix: Water
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 2.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct. SF	Date Sampled: 03/02/12
		Date Received: 03/05/12
5900 Hollis St, Suite A	Client Contact: Ron Scheele	Date Extracted: 03/07/12-03/08/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/07/12-03/08/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1203117

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	MW-1	W	7000	ND<150	2400	17	12	56	10	117	d1
002A	MW-2	W	270	96	21	0.59	4.0	8.4	1	111	d1
003A	MW-8	W	ND	ND	ND	ND	ND	ND	1	102	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference. %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d1) weakly modified or unmodified gasoline is significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558; Olympian-Terminal Ct. SF	Date Sampled: 03/02/12
		Date Received: 03/05/12
5900 Hollis St, Suite A	Client Contact: Ron Scheele	Date Extracted 03/05/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed 03/05/12-03/06/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C Analytical methods: SW8015B Work Order: 1203117

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1203117-001B	MW-1	W	2100	20	91	e1,e4
1203117-002B	MW-2	W	150	1	102	e4
1203117-003B	MW-8	W	ND	1	94	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract/matrix interference.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e1) unmodified or weakly modified diesel is significant
e4) gasoline range compounds are significant.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 65440 | WorkOrder: 1203117

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1203091-005A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	60	76.7	76.3	0.540	74.9	70 - 130	20	70 - 130
MTBE	ND	10	108	113	5.33	111	70 - 130	20	70 - 130
Benzene	ND	10	93.4	99.3	6.17	96.5	70 - 130	20	70 - 130
Toluene	ND	10	96.7	103	6.19	100	70 - 130	20	70 - 130
Ethylbenzene	ND	10	101	109	6.86	106	70 - 130	20	70 - 130
Xylenes	ND	30	101	107	6.42	104	70 - 130	20	70 - 130
%SS:	103	10	88	88	0	88	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 65440 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1203117-001A	03/02/12 1:55 PM	03/07/12	03/07/12 4:28 AM	1203117-002A	03/02/12 11:52 AM	03/08/12	03/08/12 1:12 AM
1203117-003A	03/02/12 10:37 AM	03/08/12	03/08/12 12:43 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 65439 | WorkOrder: 1203117

EPA Method: SW8015B **Extraction: SW3510C/3630C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	106	N/A	N/A	70 - 130
%SS:	N/A	625	N/A	N/A	N/A	100	N/A	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 65439 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1203117-001B	03/02/12 1:55 PM	03/05/12	03/05/12 10:52 PM	1203117-002B	03/02/12 11:52 AM	03/05/12	03/05/12 9:45 PM
1203117-003B	03/02/12 10:37 AM	03/05/12	03/06/12 4:27 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

APPENDIX C

FIELD DATA SHEETS

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

pg 1 of 1

Client: Conestoga-Rovers and Associates

Site Address: 131 Terminal Court, South San Francisco, CA

Date: 3/2/2012 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	09:40		3.22		15.90	
MW-2	09:45		3.68		17.56	
MW-3	09:50		3.61		16.65	
MW-5	09:25		3.49		17.95	
MW-6	09:20		3.16		12.55	
MW-7	09:30		2.69		11.95	
MW-8	09:35		3.30		12.15	

MUSKAN
ENVIRONMENTAL
SAMPLING

MICRO PURGE WELL SAMPLING FORM

Date:	3/2/2012
Client:	Conestoga-Rovers and Associates
Site Address:	131 Terminal Court, South San Francisco, CA

Well ID:	MW-1
Well Diameter:	4"
Purging Device:	Peristaltic Pump
Sampling Method:	Perstaltic Pump
Total Well Depth from top of casing:	15.90
Water level at the start of purge from top of casing:	3.24
Approximate depth of water intake on pump from top of casing:	9.0

TIME:	Purged Rate (ml/min)	TEMP (Celsius)	pH	COND. (µS/cm)	ORP (mV)	DO (mg/L)	Drawdown Water Level (ft)	Turbidity (NTU)	Comments
13:39	100	--	--	--	--	--	3.24	———	
13:42	100	16.4	7.08	5912	-40	1.09	3.26	89	fine black & white flakes
13:45	100	16.7	7.04	6139	-32	0.80	3.26	60	
13:48	100	16.9	7.01	6246	-29	0.71	3.27	63	
13:51	100	17.0	7.01	6247	-28	0.68	3.27	67	
13:54	100	17.0	7.01	6247	-28	0.68	3.27	65	
									total purge volume = 1500 ml

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-1	3/2/12	13:55	40 mL VOA, 1L Amber Glass	HCl	TPHd, TPHg, BTEX, MTBE	8015, 8021

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

MICRO PURGE WELL SAMPLING FORM

Date:	3/2/2012
Client:	Conestoga-Rovers and Associates
Site Address:	131 Terminal Court, South San Francisco, CA

Well ID:	MW-2
Well Diameter:	4"
Purging Device:	Peristaltic Pump
Sampling Method:	Perstaltic Pump
Total Well Depth from top of casing:	17.56
Water level at the start of purge from top of casing:	3.67
Approximate depth of water intake on pump from top of casing:	10.5

TIME:	Purged Rate (ml/min)	TEMP (Celsius)	pH	COND. (µS/cm)	ORP (mV)	DO (mg/L)	Drawdown Water Level (ft)	Turbidity (NTU)	Comments
11:36	100	--	--	--	--	--	3.67	—	
11:39	100	16.1	6.35	6192	-12	0.86	3.68	29	yellowish tint
11:42	100	16.3	6.38	6238	-10	0.74	3.69	34	
11:45	100	16.4	6.38	6239	-10	0.71	3.69	31	
11:48	100	16.5	6.40	6239	-9	0.69	3.70	30	
11:51	100	16.5	6.40	6241	-9	0.68	3.70	31	
									total purge volume = 1500 ml

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-2	3/2/12	11:52	40 mL VOA, 1L Amber Glass	HCl	TPHd, TPHg, BTEX, MTBE	8015, 8021

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

MICRO PURGE WELL SAMPLING FORM

Date:	3/2/2012
Client:	Conestoga-Rovers and Associates
Site Address:	131 Terminal Court, South San Francisco, CA

Well ID:	MW-8
Well Diameter:	2"
Purging Device:	Peristaltic Pump
Sampling Method:	Perstaltic Pump
Total Well Depth from top of casing:	12.15
Water level at the start of purge from top of casing:	3.31
Approximate depth of water intake on pump from top of casing:	7.5

TIME:	Purged Rate (ml/min)	TEMP (Celsius)	pH	COND. (µS/cm)	ORP (mV)	DO (mg/L)	Drawdown Water Level (ft)	Turbidity (NTU)	Comments
10:21	100	--	--	--	--	--	3.31	——	
10:24	100	15.3	6.18	9163	-46	1.28	3.34	21	fine black flakes
10:27	100	15.7	6.23	8020	-41	0.93	3.35	33	
10:30	100	15.7	6.24	8019	-40	0.79	3.36	30	
10:33	100	15.7	6.25	8019	-40	0.78	3.36	27	
10:36	100	15.8	6.25	8019	-40	0.78	3.38	29	
									total purge volume = 1500 ml

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-8	3/2/12	10:37	40 mL VOA, 1L Amber Glass	HCl	TPHd, TPHg, BTEX, MTBE	8015, 8021

Signature:

CONESTOGA-ROVERS & ASSOCIATES

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www.CRAworld.com

TRANSMITTAL

DATE: 7/25/2012

REFERENCE NO.: 161558

PROJECT NAME: 131 Terminal Court
South San Francisco, CA

TO: Mr. Jacob Madden
San Mateo County Environmental Health
455 County Center
Redwood City, CA 94603

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other GeoTracker upload

QUANTITY	DESCRIPTION
1	SUBSURFACE INVESTIGATION AND REMEDIAL ACTION PLAN

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐ Review, Sign, and Return

COMMENTS:

If you have any question regarding the content of this document, please contact Ron Scheele at (510) 420-3327

Copy to: Ms. Janet Heikel
Ms. Amanda Appelt
Mr. Primo Reppeto
Mr. James Schwartz

Completed by: Ron Scheele [Please Print]

Signed:

Filing: **Correspondence File**

SUBSURFACE INVESTIGATION AND REMEDIAL ACTION PLAN

OLYMPIAN CARDLOCK STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

AGENCY CASE NO. 55014

Prepared by:
Conestoga-Rovers & Associates

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JULY 25, 2012
REF. NO. 161558 (10)
This report is printed on recycled paper.

SUBSURFACE INVESTIGATION AND REMEDIAL ACTION PLAN

OLYMPIAN CARDLOCK STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Dan Glaze

Ron Scheele, P.G.

Prepared by:
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1.0 INTRODUCTION

On behalf of Olympian, JV (Olympian), Conestoga-Rovers & Associates (CRA) has prepared this *Subsurface Investigation and Remedial Action Plan* for the property (Site) located at 131 Terminal Court in South San Francisco, California. This report was prepared in response to San Mateo County Environmental Health Department, Groundwater Protection Program's (GPP) letter dated July 21, 2011 (Appendix A). In addition to the agency requested investigation, this report also proposes to perform a limited onsite remedial excavation following removal of the underground storage tanks (USTs), currently scheduled to occur in September 2012.

Presented below is the Site background, a summary of previous investigations, recent Site assessment investigation results, details of the proposed remedial excavation and associated post-excavation groundwater monitoring.

2.0 SITE BACKGROUND

2.1 SITE DESCRIPTION

The Site is an active commercial fueling facility located near the intersection of Terminal Court and Produce Avenue in South San Francisco, California (Figure 1). The Site consists of two dispenser islands, one diesel UST, and two gasoline USTs which are operated by Nella Oil Company. The entire Site is surrounded by chain link fencing and is paved with asphalt and concrete. Site features including previous soil boring locations and identified underground utilities are presented on Figure 2.

The Site is located in a commercial/industrial area of South San Francisco. The property adjoins the Golden Gate Produce Terminal to the west and the Park 'N' Fly parking lot to the east. The Bayshore Freeway, (California State Highway 101) is located approximately 200 feet (ft) east of the Site. The Site topography is relatively flat and is approximately 6 feet above mean sea level (ft msl). The nearest surface water is Colma Creek located approximately 0.25 miles north of the Site. The San Francisco Bay is approximately 1 mile east of the Site.

2.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

Geology: The Site is located in the Coast Range Geomorphic Province of California. According to the geologic map by Jennings and Burnett from 1961, the general vicinity is

underlain by unconsolidated artificial fill primarily consisting of clayey fine sand, silt, clay, rock fragments, and organic material underlain by Quaternary alluvium and dune deposits. Bedrock in the area primarily is Mesozoic ultrabasic rocks, including serpentine.

The soil beneath the Site generally consists of sandy gravel fill to 3.0 feet below ground surface (ft bgs), interbedded clayey sand, sand and silty clay to approximately 9.0 ft bgs, underlain by dark grey, low estimated permeability, silty clay ("Bay Muds") to a total explored depth of 18 ft bgs.

Hydrogeology: According to the Department of Water Resources, Bulletin 118 from 2004, the Site is located within the South San Francisco Groundwater Basin.

The shallow groundwater table typically ranges between 1 to 5 ft bgs (Table 1). Groundwater levels measured on March 2, 2012, indicate that groundwater beneath the Site flows primarily toward the northeast and ranged from 2.7 to 3.7 ft bgs. Groundwater gradient is consistently to the northeast.

3.0 PREVIOUS INVESTIGATIONS

Below is the chronology of previous Site assessment, feasibility testing and remedial activities at the Site. Current and historical groundwater and soil analytical data are presented in Tables 1 and 2, respectively.

***October 1998 Trench Sampling*:** During the product piping upgrade activities in October 1998, TEC Accutite (TEC) collected soil samples T-1 through T-3 from the piping trench at approximately 2.5 ft. bgs. Total petroleum hydrocarbon as gasoline (TPHg), total petroleum hydrocarbon as diesel (TPHd), benzene, and methyl tertiary butyl ether (MTBE) were detected in the soil at maximum concentrations of 7,600 milligrams per kilogram (mg/kg) TPHd; 2,400 mg/kg TPHg; 1 mg/kg benzene; and 9 mg/kg MTBE.

October 1999 Soil and Groundwater Investigation: To assess the subsurface condition, TEC advanced nine onsite soil borings (B-1 through B-9) and collected soil and grab groundwater samples. Maximum soil concentrations were detected at 280 mg/kg TPHd in boring B-2 at 4 ft bgs; 16 mg/kg TPHg in boring B-3 at 4 ft bgs, 0.063 mg/kg benzene in boring B-3 at 4 ft bgs; and 0.84 mg/kg MTBE in boring B-6 at 4 ft bgs. Maximum groundwater concentrations were detected in boring B-3 at 8,800 micrograms per liter (µg/L) TPHd, 21,000 µg/L TPHg, and 1,200 µg/L benzene.

***March 2000 Monitoring Well Installations*:** On March 17, 2000, TEC drilled five soil borings (B-10 through B-14), and installed five monitoring wells (MW-1 to MW-5). Maximum soil concentrations of 780 mg/kg TPHg and 0.79 mg/kg benzene were detected in boring B-11 at 9 ft bgs. Maximum groundwater concentrations were detected in boring B-11 at 69 µg/L TPHd, 16,000 µg/L TPHg, and 850 µg/L benzene. No MTBE was detected above laboratory reporting limits in any of the groundwater samples.

***July 2001 Monitoring Well Installations*:** On July 2, 2001, TEC installed three groundwater monitoring wells (MW-6 through MW-8) to determine the down-gradient extent of the groundwater plume. No petroleum hydrocarbons were detected above laboratory reporting limits in soil. TPHd and MTBE were detected in groundwater at a maximum concentration of 700 µg/L in well MW-8, and 10 µg/L in well MW-6, respectively. No TPHg or benzene was detected in groundwater.

October 2002 Risk Assessment: On October 14, 2002, TEC submitted the *Impact Evaluation of the Subsurface Utilities as Preferential Pathway and Risk Assessment of the Impact of Groundwater Petroleum Hydrocarbons on Indoor Air*. TEC concluded and recommended the following: the benzene groundwater plume is limited onsite, near monitoring well MW-1, and the nearest utility lines on Terminal Court do not appear to impact the plume's path; the benzene groundwater concentration exceeds the indoor air risk based screening level of 84 part per billion (ppb); in order to obtain case closure at the Site, groundwater remediation near well MW-1 is recommended to decrease the benzene concentration below the risk level of 84 ppb.

February 2003 Feasibility Study: On February 4, 2003, TEC submitted the *Feasibility Study for Groundwater Remediation*. TEC recommended in-situ groundwater bioremediation, specifically oxygen release compound (ORC) injections.

April 2003 Treatability Study Workplan: On April 10, 2003, TEC submitted the *Treatability Study Workplan for Groundwater Remediation* justifying the implementation of ORC injections, which was subsequently approved by SMCHD in a letter dated July 22, 2003.

October 2003 ORC Injections: On October 16, 2003, TEC oversaw the drilling of 16 direct-push soil borings (A through P) by Vironex to be used as ORC injection points. Borings A through E were advanced to 10 ft bgs, and borings F through P were advanced to 8 ft bgs. A 1,600 square foot treatment area consisting of 16 points on 10 foot spacing was used to inject 930 pounds of ORC in the vicinity of MW-1. The ORC remedial technique proved ineffective. The event is summarized in TEC's November 10, 2004 *Remedial Action Report*.

July 2005 Site Dual-Phase Extraction (DPE): The Site was subsequently transferred to a new environmental consultant Ecologics. Ecologics performed interim remedial activities consisting of dual-phase extraction (DPE) at the Site. Insufficient documentation is available to evaluate the DPE activities, but Ecologics concluded that DPE remediation was ineffective.

May 2006 Remedial Action Workplan: On May 1, 2006, Ecologics submitted a workplan which proposed excavating the impacted soil in the vicinity of well MW-1.

August 2006: The Site was subsequently transferred to Cambria Environmental Technology, Inc. - CRA.

May 2008 Site Assessment Report: On May 30, 2008, CRA submitted a *Site Assessment Report* which evaluated the results of three soil gas samples and a grab groundwater sample from soil boring B-15. Due to elevated hydrocarbon concentrations, CRA recommended that a feasibility study be conducted to determine the most cost effective way to remediate the hydrocarbons remaining at the Site.

May 2010 Site Assessment Report: In May 2010, CRA submitted a *Site Assessment Report* which presented the results of soil boring investigation (B-16 through B-25) as requested by the GPP. Results indicated that elevated hydrocarbon concentrations were present in soil primarily northwest of the northern most dispenser island. Elevated hydrocarbon concentrations (gasoline and diesel) were detected primarily between 2.5 and 5.0 ft bgs, which correlates with the fluctuations of the shallow groundwater table. The report concluded that additional investigation was warranted to delineate the extent of the secondary source of hydrocarbons.

Quarterly Monitoring: Quarterly groundwater monitoring and sampling has been performed at the Site since April 2000, and includes a network of seven wells (MW-1 through MW-3 and MW-5 through MW-8). In a letter dated February 22, 2007, GPP approved a reduced groundwater monitoring schedule of semi-annual for wells MW-1, MW-2, and MW-8. Groundwater sampling frequency was subsequently reduced to annual based a GPP letter dated July 16, 2009. Wells are currently analyzed for TPHd, TPHg, BTEX, and MTBE. A Well Construction Summary is included as Table 3.

4.0 SUBSURFACE INVESTIGATION

The objectives of this subsurface investigation were to 1) further delineate the horizontal and vertical extent of onsite hydrocarbon impacted soil, specifically around boring B-18, and 2) to verify whether any hydrocarbon-impacted soil is present around the existing fueling facilities. The USTs, dispensers, and associated piping are tentatively scheduled for removal by the facility operator in September 2012. To meet these objectives, CRA supervised the drilling of 23 soil borings (B-26 through B-48). All work was completed according to CRA's *Additional Site Assessment Work Plan* (Work Plan) dated June 11, 2009 and *Work Plan Addendum* dated June 23, 2011.

Personnel Present: CRA's Staff Scientist Andrew Renshaw supervised the drilling and sampling of the borings. All soil boring and sampling activities were overseen by CRA Senior Geologist Ron Scheele, a California Professional Geologist.

Permits: GPP issued a subsurface drilling permit for soil boring activities. A copy of the approved permit is included in Appendix B.

Drilling Company: Vapor Tech Services (C57# 916085) of Berkeley, California performed the drilling and sampling activities.

Drilling Date: Drilling and sampling activities were performed from May 7, 2012 through May 10, 2012.

Utility Location: CRA marked out the proposed boring locations with white paint and notified underground service alert (USA) to have the utilities marked out. In addition, CRA retained NorCal Geophysical Consultants Incorporated of Cotati, California to locate and mark out underground utilities that were not marked by USA.

Utility Clearance: To avoid damage to any subsurface utilities, each boring location was cleared to a depth of 5 feet using a vacuum truck and/or a hand auger.

Soil Boring and Sampling Method: Soil borings B-26 through B-48 were advanced using a hand auger/vacuum truck for the first five feet and a direct-push drilling rig to the full depth of each boring. Hydrocarbon field screening was performed using a photo-ionization detector (PID). Soil samples were collected at approximately every 2.5 feet and at the base of the boring. During borehole clearance activities to 5 ft bgs, disturbed soil samples were collected within a clean 2-inch diameter steel tube, covered with Teflon and a plastic cap, labeled and placed on ice in a laboratory supplied cooler. During direct-push drilling below 5 ft bgs, soil samples were collected in acetate liners,

and subsequently covered with Teflon, capped, labeled and placed on ice. All samples collected were transported to a State-certified analytical laboratory under proper chain-of-custody procedures. Soil boring logs including lithology descriptions and PID screening data are presented in Appendix C.

Soil Boring Depths: All soil borings were advanced to a minimum of 10.5 ft bgs except for borings B-29 and B-39, which were terminated at approximately 6 ft bgs due to difficult drilling conditions (refusal). Borings B-27, B-30, B-43, B-44, B-45, and B-46 were all advanced to depths of 13 to 13.5 ft bgs.

Soil Sample Analyses: All collected soil samples were analyzed for TPHd by EPA Method SW8015B, TPHg by EPA Method 8015B, and BTEX/MTBE by EPA Method SW8021B by McCampbell Analytical of Pittsburg, California. The laboratory analytical report is included in Appendix D.

Groundwater Depths: Saturated soil was generally encountered between approximately 2.0 to 6.0 ft bgs, with some borings detecting saturated conditions from 8.5 ft bgs to below 10.5 ft bgs.

Geotracker: All required data will be uploaded to the California State Water Resources Control Board's Geotracker database as required.

Waste Profiling and Disposal: Soil cuttings and waste water generated during drilling activities were temporarily stored onsite in DOT-approved 55-gallon drums pending waste profiling and disposal. CRA plans to dispose of this waste during the UST removal in the fall of 2012. Documentation of the waste profiling analysis is included in the laboratory reports located in Appendix D.

5.0 SUBSURFACE INVESTIGATION RESULTS

5.1 HYDROGEOLOGICAL FINDINGS

During drilling activities, groundwater was usually observed in the more permeable soil layers of sand and gravel. Typical groundwater depths ranged from 2 to 6 ft bgs; however, there were some borings where groundwater was observed at 8 to 10 ft bgs (borings B-32, B-40 to B-42) and other borings where no groundwater was present (borings B-35 through B-37, B-47 and B-48) or where there was insufficient time for groundwater to accumulate into the boring prior to its destruction. A dark grey, silty clay ("Bay Muds") was typically encountered at 8 to 10 ft bgs.

5.2 HYDROCARBON DISTRIBUTION IN SOIL

TPHg were detected in most borings except for B-36, B-37, B-39, B-43, and B-45 through B-47, where TPHg were not detected above laboratory reporting limits. The highest TPHg concentrations were detected in borings B-26, B-31 and B-35 and ranged from 1,100 to 5,000 mg/kg. Elevated TPHg concentrations (>1,000 mg/kg) were detected between and northwest of the dispenser islands, and all within the top 5 ft of soil, except for boring B-31 where TPHg was detected at 1,500 mg/kg at 7.5 ft bgs. Figure 3 shows the maximum TPHg concentrations from 0 to 5 ft bgs. Figure 4 shows the maximum TPHg concentrations from 5 to 10 ft bgs. Soil analytical results are summarized in Table 2.

TPHd was detected in most of the borings during this investigation. The highest TPHd concentrations were detected in borings B-26, B-35 and B-42 and ranged from 1,100 to 1,700 mg/kg. Elevated TPHd concentrations (>1,000 mg/kg) were detected between and northwest of the dispenser islands, and all within the top 5 ft of soil. The highest TPHd concentration were detected in boring B-31 at a concentration of 870 mg/kg at 7.5 ft bgs. Notes included in the laboratory report indicated that the samples contained gasoline-range compounds which may have overestimated the TPHd results. Figure 5 shows the maximum TPHd concentrations from 0 to 5 ft bgs. Figure 6 shows the maximum TPHd concentrations from 5 to 10 ft bgs.

Benzene concentrations were detected in most borings except for borings B-36 through B-39, B-45, B-46 and B-48. The highest benzene concentration was detected in boring B-26 at a concentration of 56 mg/kg at 5 ft bgs. In addition to boring B-26, elevated benzene concentrations (> 1 mg/kg) were detected from borings B-29, B-31, B-32, B-35 and B-42. Similar to the TPH laboratory results, elevated concentrations of benzene were detected below 5 ft bgs in boring B-31 at 7.5 ft bgs and in boring B-29 at 5.5 ft bgs. Figure 7 shows the maximum benzene concentrations from 0 to 5 ft bgs. Figure 8 shows the maximum benzene concentrations from 5 to 10 ft bgs. Soil analytical results are summarized in Table 2.

Little to no MTBE was detected during this investigation. The highest MTBE concentration was detected in boring B-43 at a concentration of 0.23 mg/kg at 12.5 ft bgs.

Overall, hydrocarbons are present in soil primarily between and northwest of the dispenser islands. The majority of hydrocarbon-impacted soil is present between 2.5 and 5.0 ft bgs which correlate with the fluctuations of the shallow groundwater table. A relatively smaller area of deeper hydrocarbon-impacted soil is also present around borings B-29, B-31 and B-35. Based on the results of previous and recent investigations,

the lateral extent of hydrocarbons in soil is adequately defined and primarily limited to onsite and in close proximity to the current dispenser islands. No elevated levels of hydrocarbons were observed in close proximity to the USTs which indicates that the fuel piping system or dispensers are the primary release source.

5.3 HYDROCARBON DISTRIBUTION IN GROUNDWATER

Based on historical groundwater monitoring data and grab-groundwater samples from borings, elevated dissolved-phase hydrocarbons are located northwest of the dispenser islands and primarily onsite. Groundwater sample results are included in Table 1.

6.0 PROPOSED REMEDIAL EXCAVATION

In keeping with agency-approved *Revised Feasibility Study/Corrective Action Plan* for the Site, CRA proposes a remedial excavation to address removal of a secondary hydrocarbon source with the goal of obtaining regulatory site closure. The remedial excavation will be conducted immediately following removal of the UST system which will allow access to hydrocarbon impacted soil underlying the fuel dispensers. It is assumed that no hydrocarbon-impacted soil will be encountered around the USTs.

Approximately 1,500 tons of hydrocarbon-impacted soil has been identified for removal as depicted in Figure 9. The proposed limits of the remedial excavation were based on soil and grab-groundwater data from numerous borings. Per a request from the GPP, CRA also proposes to excavate those areas where elevated hydrocarbon concentrations were detected in grab-groundwater samples. The proposed remedial excavation includes an area of shallow impacted soil (2,752 square [sq] ft from 0 to 6 ft bgs) and two smaller areas of deeper impacted soil (341 sq ft from 6 to 10 ft bgs). It is estimated that approximately 720 cubic yards (cy) or 1,370 tons will be removed from the shallow excavation area, using a conversion factor of 1.9 tons/cy. The deeper areas will extend to approximately 10 ft bgs and include approximately 130 tons of additional soil.

A qualified excavation contractor will perform the excavation and loading of hydrocarbon impacted soil for offsite transport and disposal to a licensed disposal facility. In addition, CRA will oversee groundwater removal via extraction from the open excavation pit. Extracted groundwater will either be transported offsite under manifest to a licensed disposal facility, or treated onsite using a temporary groundwater treatment system and discharged to a local sanitary or storm sewer. CRA will complete the following tasks as part of the proposed remedial exaction.

6.1 SITE HEALTH AND SAFETY PLAN

CRA will prepare a comprehensive site health and safety plan to protect site workers, inspectors, and the public. The plan will be reviewed and signed daily by each site worker, kept onsite, and followed during all CRA-directed field activities.

6.2 PERMITS

CRA, or the hired excavation contractor, will perform all required regulatory notifications and acquire all the required permits from the various agencies prior to proceeding with the proposed excavation. It is anticipated that notifications and/or permits will be needed for the following activities: well destruction, Site grading and air quality management. A permit may also be obtained if groundwater from the excavation needs to be discharged into the sanitary or storm sewer.

6.3 UTILITY LOCATION

CRA will mark the proposed excavation extents and will notify USA a minimum of 48 hours prior to excavation. A recently completed private subsurface utility survey identified multiple subsurface utilities and utility trenches. The locations of the marked utilities, including surface features within and around the anticipated excavation area, were also surveyed. Based on the location of identified underground utilities, some of the utilities may have to be supported, rerouted or removed to complete the UST removal activities and/or the proposed remedial excavation activities.

6.4 WELL DESTRUCTION

Monitoring wells MW-1 and MW-2 are located within the proposed remedial excavation limits and MW-5 is located in close proximity to the USTs. Prior to UST system removal, CRA will destroy MW-1, MW-2 and MW-5 under permit by over-drilling the wells to their total depth. CRA proposes the destruction of these wells to ensure that they are not damaged or compromised during the UST system removal or remedial excavation activities. CRA will hire a licensed driller and receive the appropriate well destruction permits prior to mobilization. CRA's Standard Field Procedures for Well Destruction are presented in Appendix E.

6.5 EXCAVATION

CRA will implement a targeted remedial excavation including the following tasks as indicated below:

- In conjunction with the UST system removal, CRA will oversee the mobilization and set-up of temporary fencing around the perimeter of the Site for security purposes, if warranted, to protect the public and site workers.
- A qualified excavation contractor will remove additional asphalt to access the targeted areas for proposed remedial soil excavation.
- A qualified excavation contractor will remove approximately 1,500 tons of hydrocarbon-impacted soil using an excavator. The volume and areas of excavation may change based on field conditions.
- Shoring may be installed along the eastern side of the onsite utility trench to preserve the integrity of the water and communication utilities and also protect the adjacent sidewalk areas while removing the deeper impacted soil. Without shoring, it may be necessary to temporarily or permanently re-route subsurface water supply and communication lines located along the northwest side of the proposed excavation to enable the removal of impacted soil, especially at the deeper level.
- Either a temporary holding tank or a dewatering system will be mobilized to store and/or treat hydrocarbon-impacted groundwater, depending on the volume of groundwater generated during excavation dewatering. If minimal quantities of groundwater generated, the groundwater will be transported offsite under manifest to a licensed recycling/disposal facility. If a temporary dewatering system is required, groundwater will be treated onsite, as appropriate, and discharged under permit to the local sanitary or storm sewer.
- All removed soil will either be directly loaded for transport, or temporarily stockpiled onsite until disposal arrangements are arranged. If stockpiled, the soil will be underlain and covered with appropriate plastic sheeting, while implementing proper erosion control measures. Upon approval from the receiving landfill, CRA will oversee the transport and disposal of hydrocarbon-impacted soil under manifest to a licensed disposal facility.

6.6 CONFIRMATION SOIL SAMPLING

Recent and historical investigations have laterally and vertically delineated the extent of hydrocarbon-impacted soil and therefore CRA does not propose the collection of any confirmation soil samples from the excavation limits. Field observations and screening, using a PID, will be used to determine that adequate soil has been removed. However, if any suspected hydrocarbon-impacted soil is encountered and left in-place due to inaccessibility, a confirmation soil sample may be collected.

6.7 CONFIRMATION GROUNDWATER SAMPLING

During the excavation it is anticipated that standing groundwater will accumulate in the open excavation pit. To assist with backfilling and further address hydrocarbon concentrations in groundwater, standing groundwater will be pumped from the open excavation pit. Depending on the volume of water which accumulates in the open excavation pit, CRA intends on collecting up to three grab-groundwater samples to assess the groundwater quality re-entering the open excavation pit. Grab groundwater samples from the open excavation will be analyzed for TPHd and TPHg by EPA Method 8015M and BTEX and MTBE by EPA Method 8260B.

To facilitate groundwater disposal, a grab groundwater sample may also be collected from the holding tank(s) and analyzed for all required constituents as required for permitted disposal. CRA's standard field procedures for excavation sampling are included in Appendix E.

6.8 SOIL SEGREGATION, REUSE AND DISPOSAL

Excavated soil may be temporarily stockpiled onsite or directly loaded into hauling trucks for immediate offsite transportation. If the excavated soil does not exhibit VOC impact from field scanning with a PID, CRA proposes that the soil be temporarily stockpiled onsite in preparation for reuse as backfill in the excavation. Stockpiled soil that does exhibit significant VOC impact based on PID readings (typically >50 parts per million by volume) will be segregated for storage, properly underlain and covered with plastic sheeting, manifested, transported, and disposed of according to all State and Federal regulations at an approved waste disposal facility. Disposal documentation will be provided with the final report.

6.9 BACKFILLING

The excavation will be backfilled with reusable clean excavated soil (if any is identified) and/or by imported engineered fill, typically virgin material from a local quarry. A minimum compaction measurement of 90% relative density, or that dictated by the local permit agency, will be achieved and compaction documentation will be supplied with the final remedial completion report.

6.10 WATER COLLECTION, TREATMENT, AND DISPOSAL

Any displaced groundwater will be temporarily stored onsite in adequately-sized holding tank(s). The groundwater will either be transported offsite under manifest for disposal or treated onsite with a sediment filter and GAC, and then discharged to the sanitary sewer under permit. If additional laboratory analysis is required by the accepting utility agency prior to groundwater discharge, the required analysis will be performed and reported, as necessary.

6.11 REPORTING

After the analytical results are received, CRA will prepare and submit a *Remedial Excavation Completion Report* to the GPP that, at a minimum, will contain:

- A description of the well destruction activities,
- A description of the excavation activities including sampling and dewatering activities,
- Tabulated analytical results,
- Figures depicting the excavation limits, location of all samples, and associated analytical results,
- Laboratory reports and chain-of-custody forms,
- Soil and wastewater treatment and disposal methods, and
- Conclusions and recommendations.

Additionally, CRA will prepare and submit State of California *Well Completion Reports* for the destroyed wells to the Department of Water Resources.

7.0 POST-EXCAVATION SAMPLING AND SITE CLOSURE

Based on discussions with the GPP, post-excavation groundwater samples will need to be collected downgradient of the Site during the dry and wet seasons to confirm that the remedial excavation has been effective in reducing hydrocarbon concentration in groundwater. Prior to backfilling, CRA will collect a grab-groundwater sample from the open excavation pit. Based on an evaluation of the grab-groundwater results, a groundwater sampling location will be identified down-gradient of the excavation and discussed with the GPP. A groundwater sample will then be collected from either a temporary boring or a new monitoring well. Groundwater samples will be analyzed for TPHd, TPHg, BTEX, and MTBE, consistent with the former well monitoring program. Provided the post-excavation groundwater concentrations are at levels that are supportive of low risk site closure, a *Site Closure Request* will be prepared and submitted to the GPP.

8.0 SCHEDULE

Upon receiving written RAP approval from the GPP, CRA will commence implementation of the RAP. CRA will immediately submit well destruction permits and begin scheduling well destruction activities. Discussions with Olympian, the facility operator and the property owner have been initiated and are scheduled to continue in August 2012, to coordinate field activities and identify any potential concerns. According to the facility operator, UST system removal activities are currently scheduled to begin in early September 2012.

FIGURES

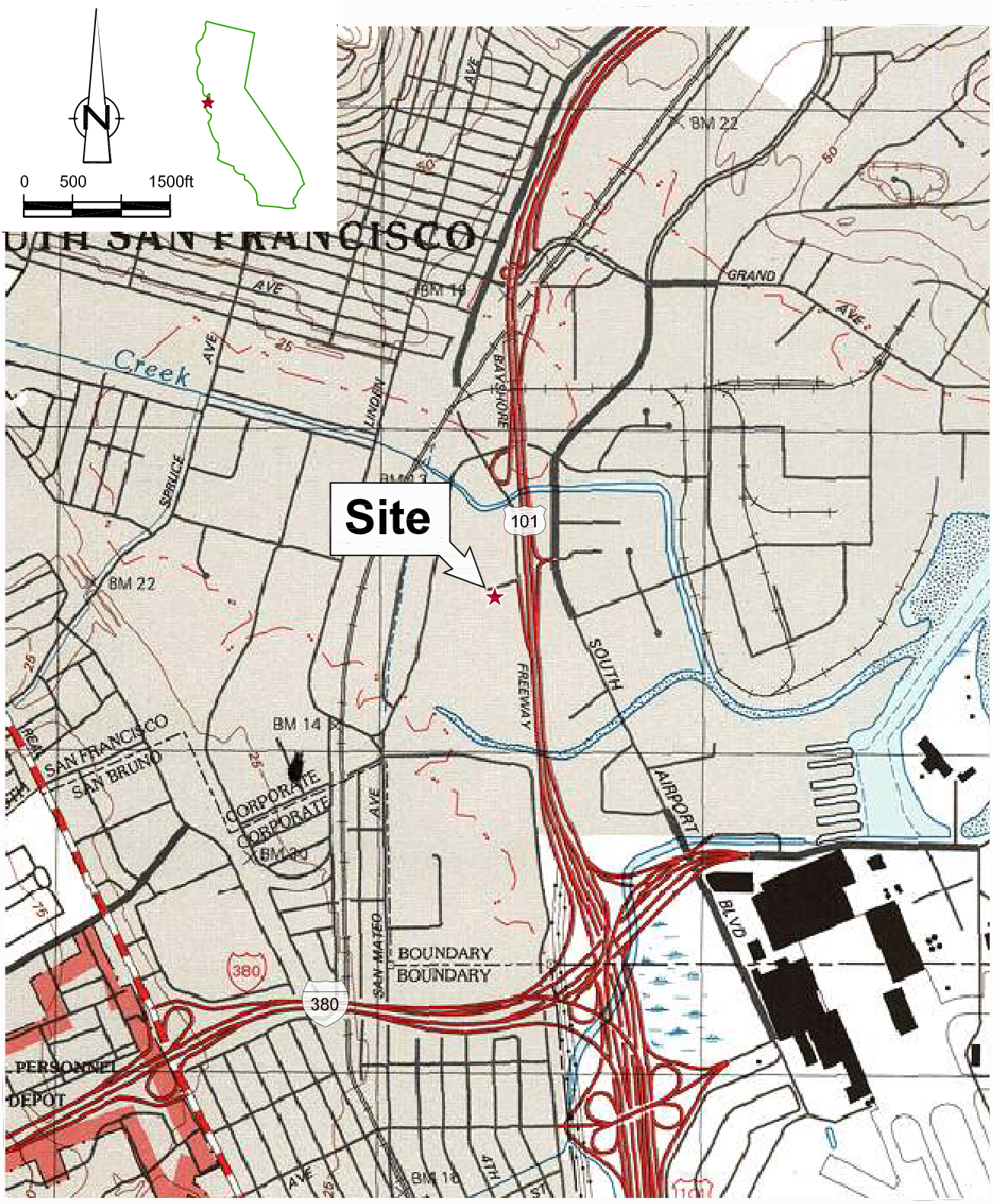
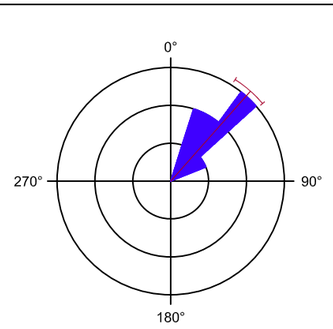


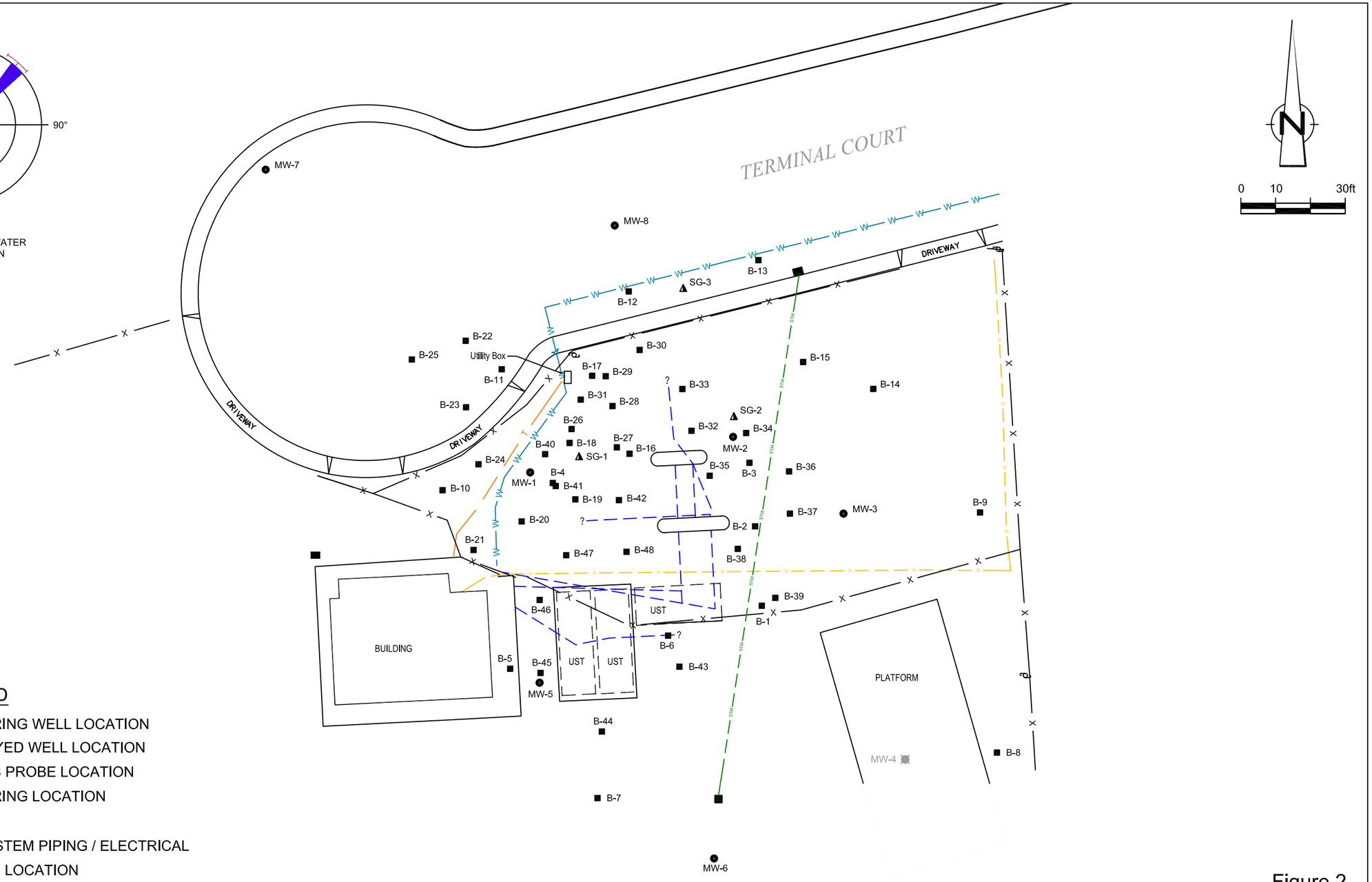
Figure 1

VICINITY MAP
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM001 JUN 8/2012



HISTORIC GROUNDWATER
FLOW DIRECTION



LEGEND

- MONITORING WELL LOCATION
- DESTROYED WELL LOCATION
- SOIL GAS PROBE LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 2

SITE PLAN
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM002 JUL 24/2012

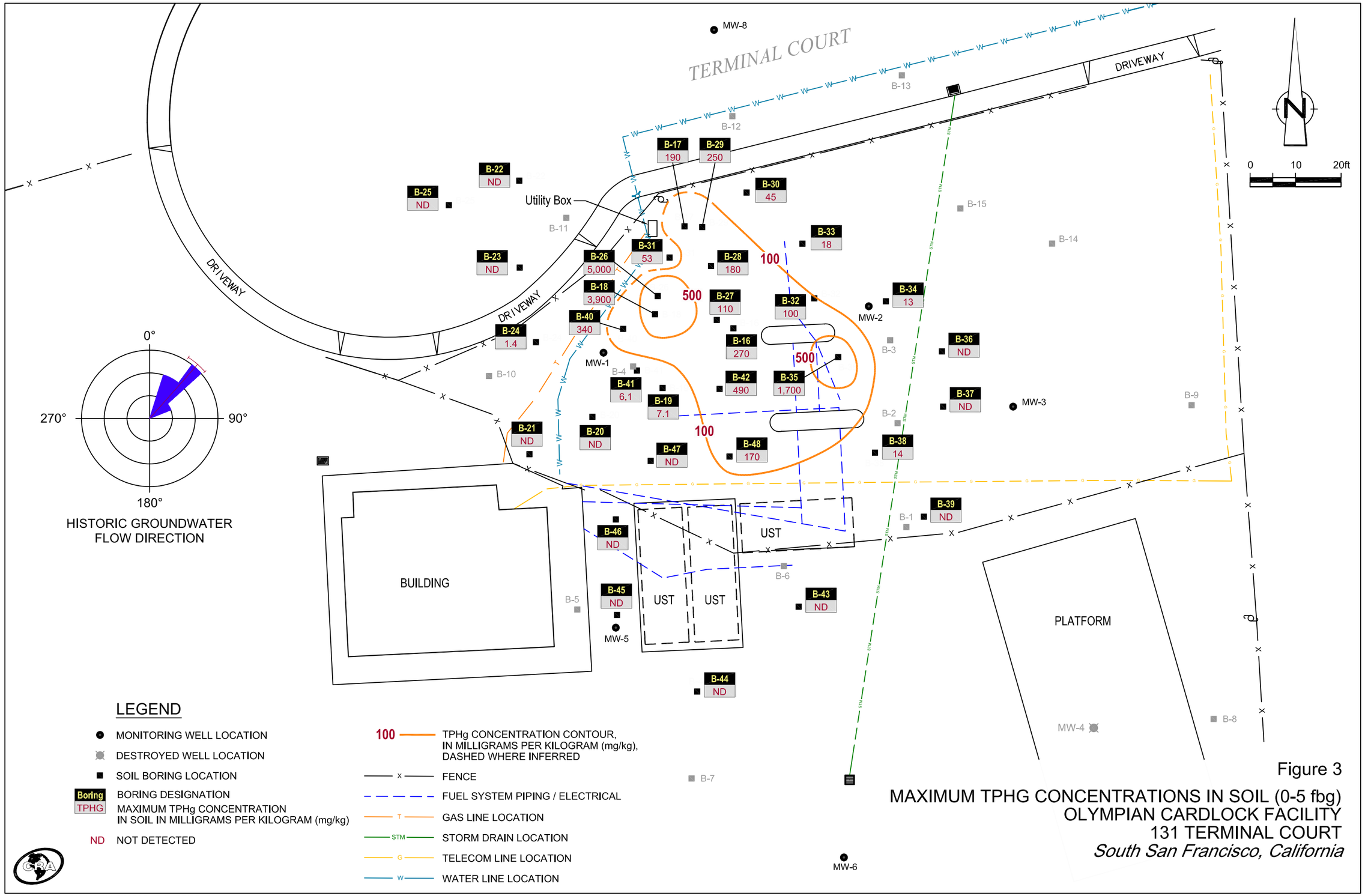
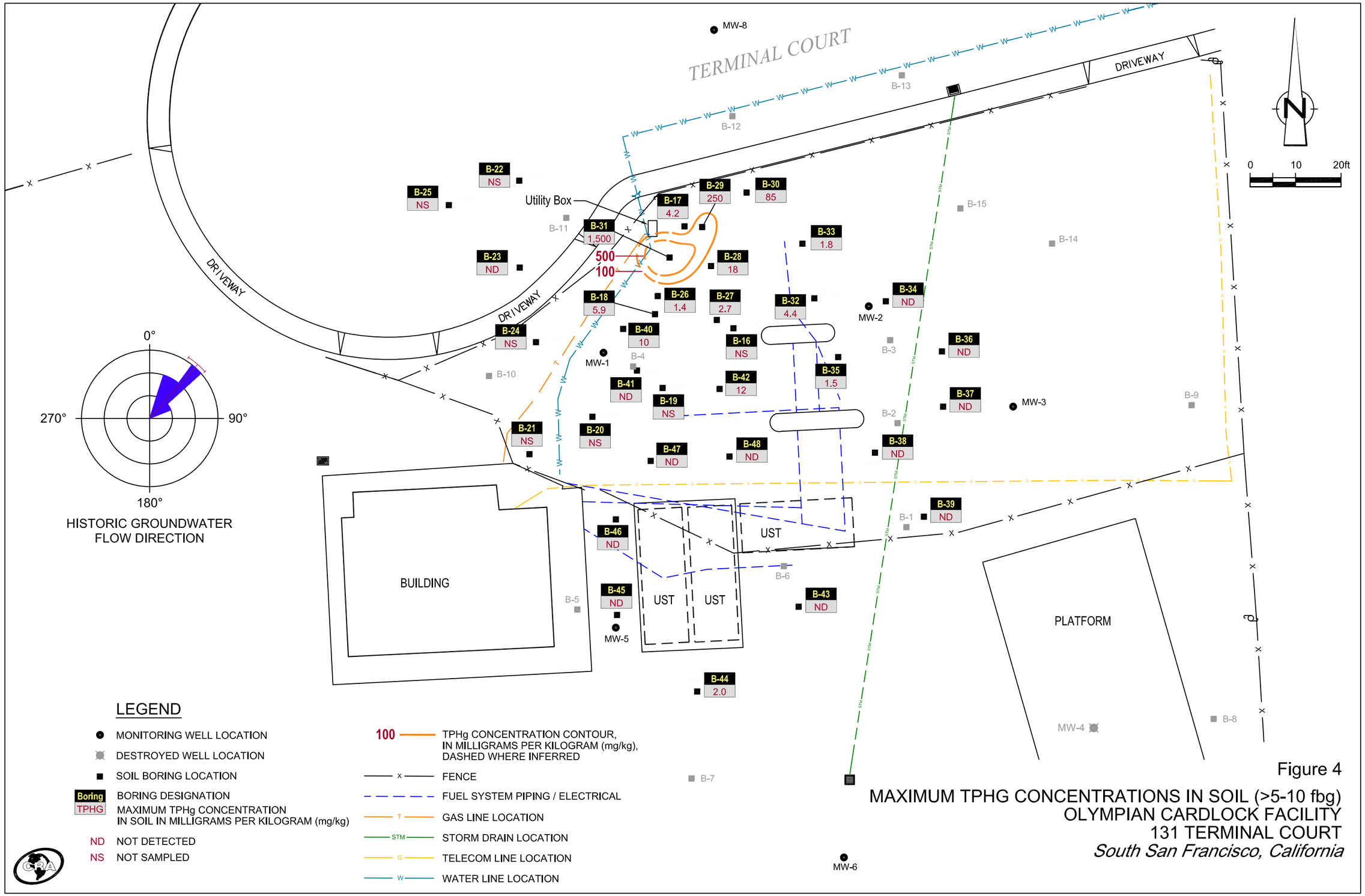


Figure 3

MAXIMUM TPHG CONCENTRATIONS IN SOIL (0-5 fbg)
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM003 JUL 25/2012



LEGEND

- MONITORING WELL LOCATION
- DESTROYED WELL LOCATION
- SOIL BORING LOCATION
- Boring / TPHG — BORING DESIGNATION; MAXIMUM TPHg CONCENTRATION IN SOIL IN MILLIGRAMS PER KILOGRAM (mg/kg)
- ND NOT DETECTED
- NS NOT SAMPLED

- 100 — TPHg CONCENTRATION CONTOUR, IN MILLIGRAMS PER KILOGRAM (mg/kg), DASHED WHERE INFERRED
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 4

MAXIMUM TPHG CONCENTRATIONS IN SOIL (>5-10 fbg)
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM004 JUNE 11/2012

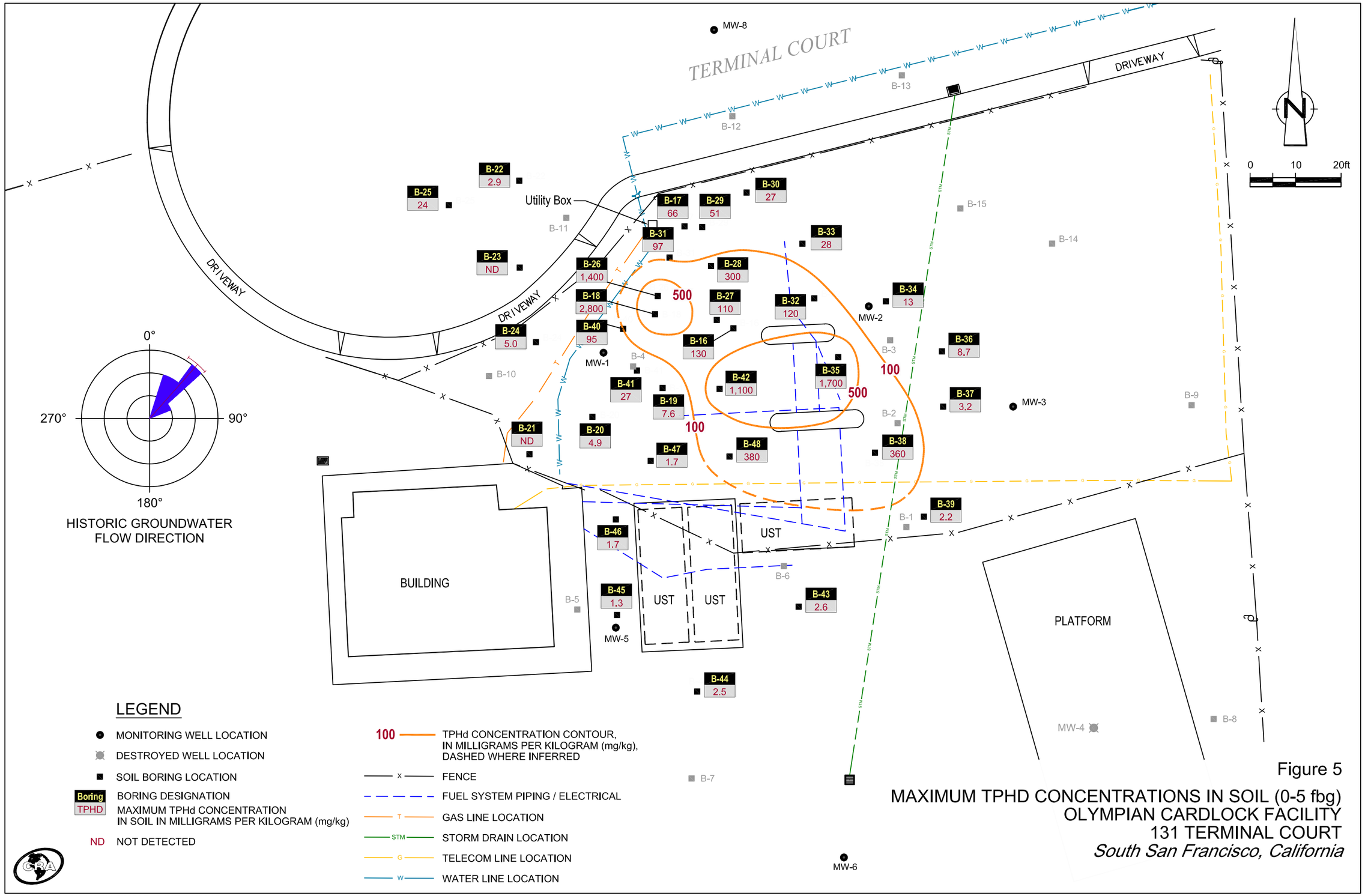
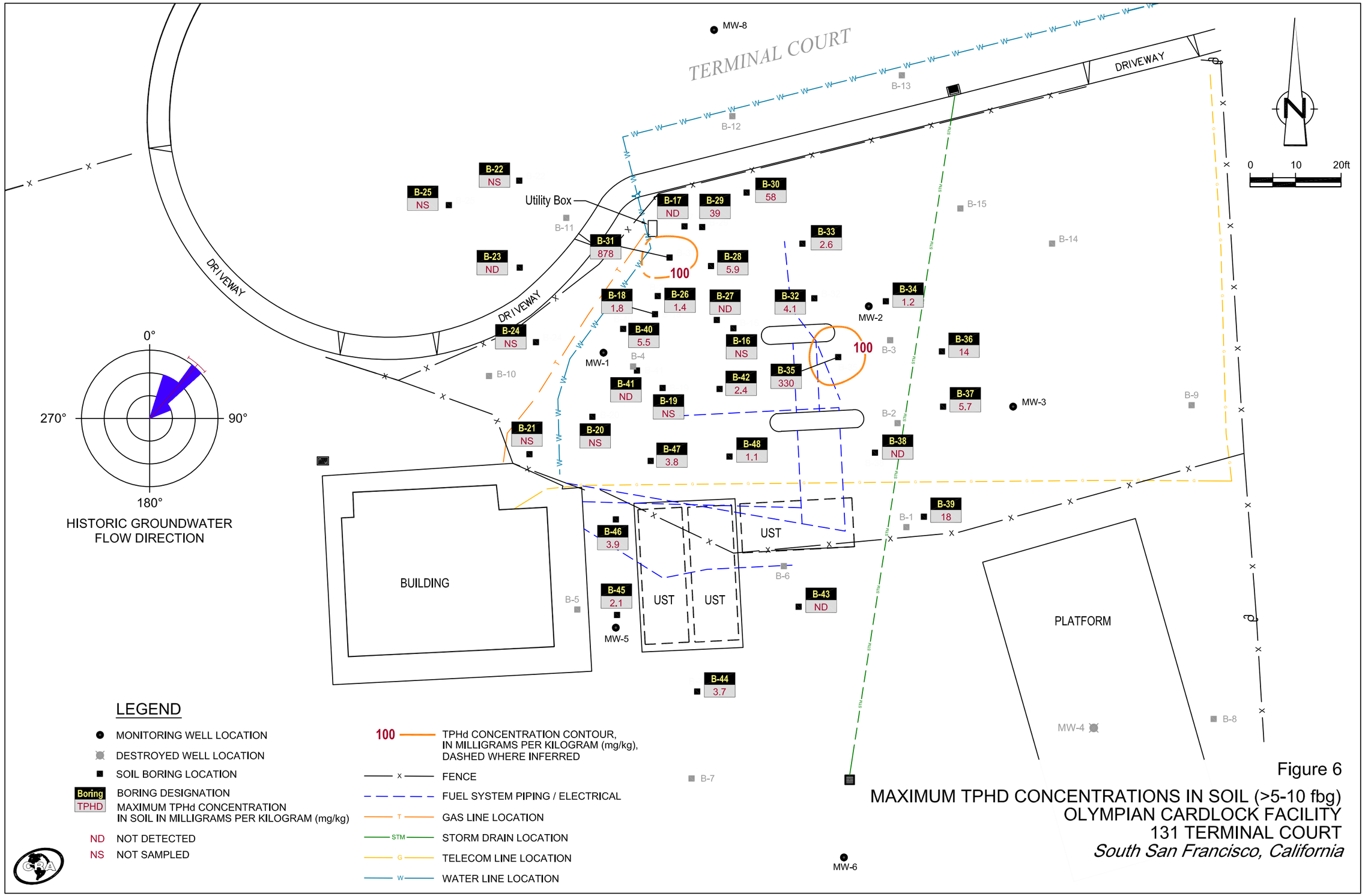


Figure 5

MAXIMUM TPHD CONCENTRATIONS IN SOIL (0-5 fbg)
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM005 JUNE 11/2012



LEGEND

- MONITORING WELL LOCATION
- DESTROYED WELL LOCATION
- SOIL BORING LOCATION
- Boring / TPHD — BORING DESIGNATION; MAXIMUM TPHd CONCENTRATION IN SOIL IN MILLIGRAMS PER KILOGRAM (mg/kg)
- ND NOT DETECTED
- NS NOT SAMPLED

- 100 — TPHd CONCENTRATION CONTOUR, IN MILLIGRAMS PER KILOGRAM (mg/kg), DASHED WHERE INFERRED
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 6

MAXIMUM TPHD CONCENTRATIONS IN SOIL (>5-10 fbg)
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM006 JUNE 11/2012

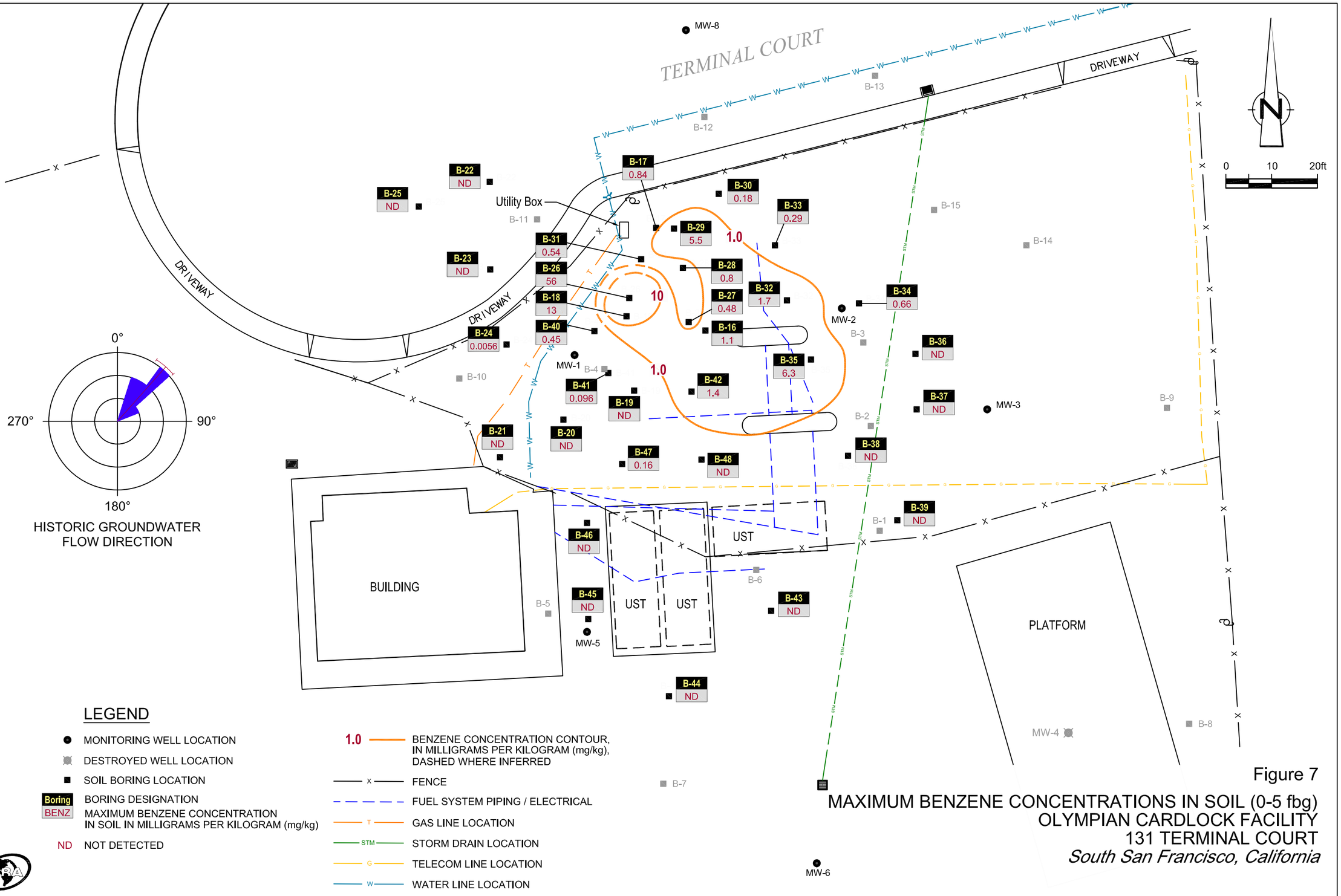
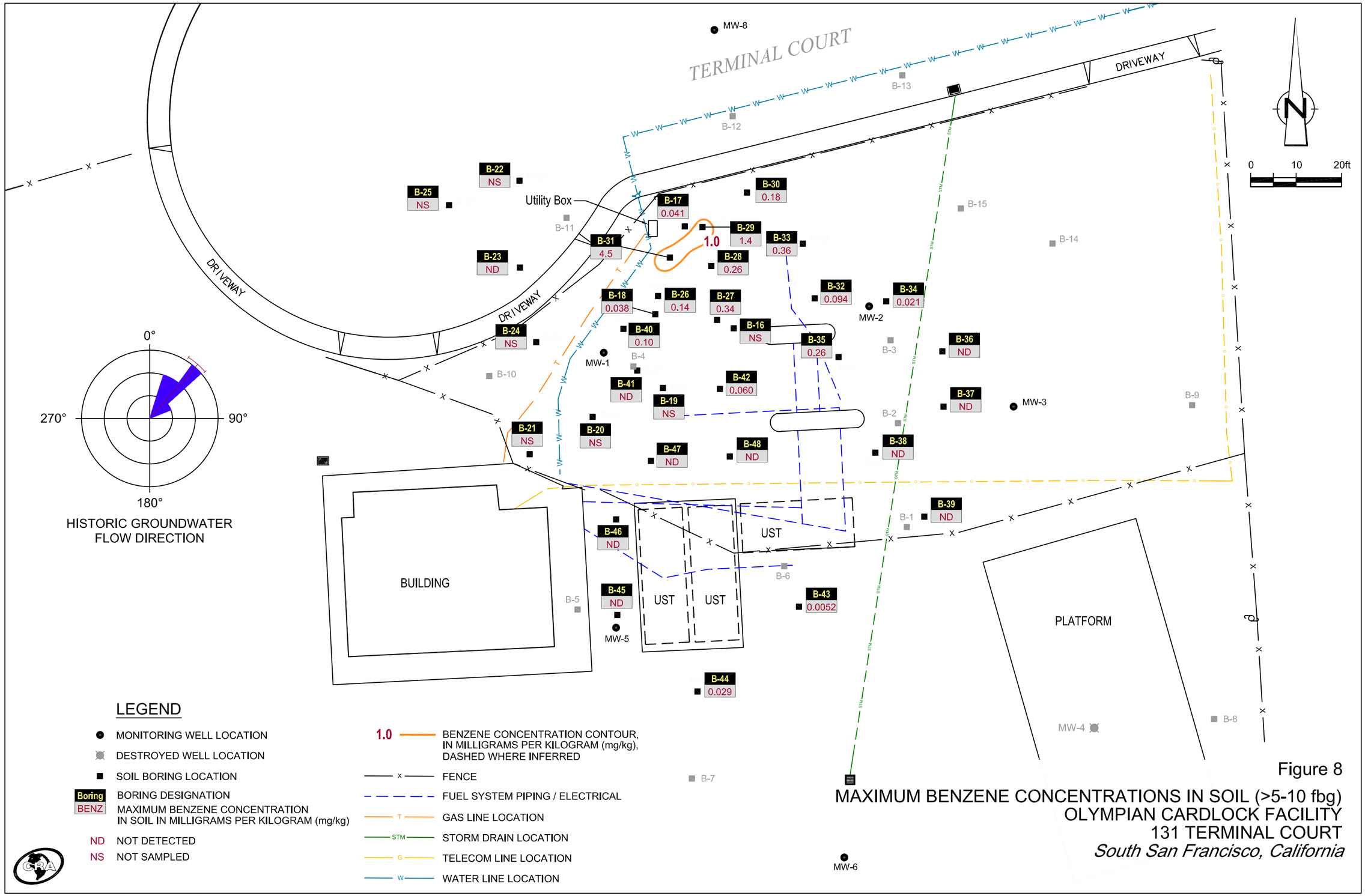


Figure 7

MAXIMUM BENZENE CONCENTRATIONS IN SOIL (0-5 fbg)
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM007 JUL 25/2012



LEGEND

- MONITORING WELL LOCATION
- DESTROYED WELL LOCATION
- SOIL BORING LOCATION
- Boring — BORING DESIGNATION
- BENZ — MAXIMUM BENZENE CONCENTRATION IN SOIL IN MILLIGRAMS PER KILOGRAM (mg/kg)
- ND — NOT DETECTED
- NS — NOT SAMPLED

- 1.0 — BENZENE CONCENTRATION CONTOUR, IN MILLIGRAMS PER KILOGRAM (mg/kg), DASHED WHERE INFERRED
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 8

MAXIMUM BENZENE CONCENTRATIONS IN SOIL (>5-10 fbg)
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM008 JUNE 11/2012

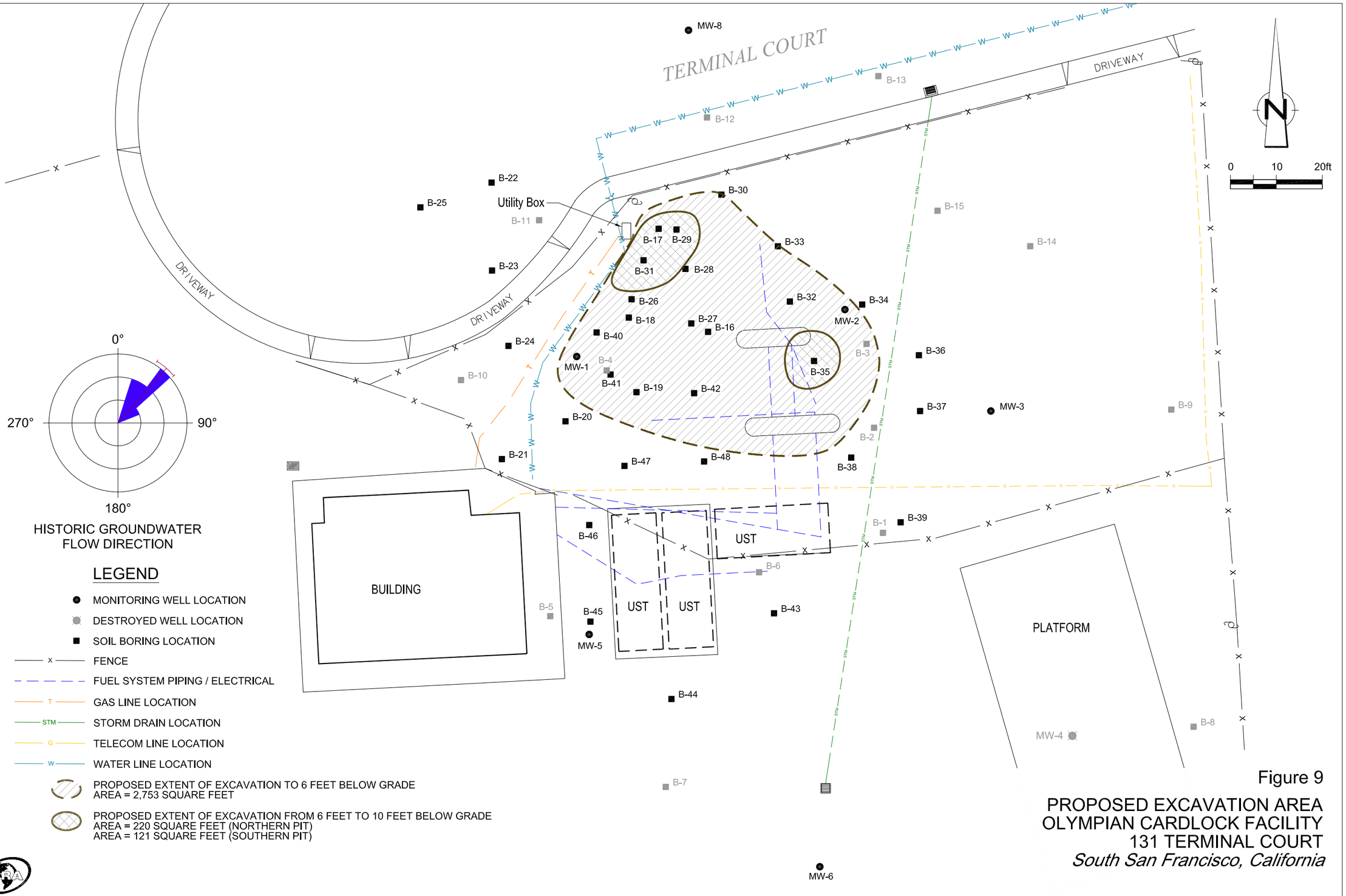


Figure 9

PROPOSED EXCAVATION AREA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM009 JUL 25/2012

TABLES

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID / *TOC*	*Date Sampled*	*Depth to Water (ft btoc)*	*Groundwater Elevation (ft amsl)*	*TPHd (µg/L)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*DIPE (µg/L)*	*1,2-DCA (µg/L)*	*EDB (µg/L)*	*EtOH (µg/L)*
Grab Groundwater Samples																	
B-1	10/12/1999	~4	--	600	750	23	2	1	6	4,700	--	--	--	--	--	--	--
B-2	10/12/1999	~4	--	<50	120	20	1	4	13	260	--	--	--	--	--	--	--
B-3	10/12/1999	~4	--	8,800	21,000	1,200	1,600	490	2,900	16	--	--	--	--	--	--	--
B-4	10/12/1999	~4	--	3,600	9,200	520	360	470	1,800	53	--	--	--	--	--	--	--
B-5	10/12/1999	~4	--	<50	80	2	2	2	7	2	--	--	--	--	--	--	--
B-6	10/12/1999	~4	--	3,200	3,500	370	6	4	6	25,000	--	--	--	--	--	--	--
B-7	10/12/1999	~4	--	<50	90	2	0.8	2	7	220	--	--	--	--	--	--	--
B-8	10/12/1999	~4	--	<50	<50	<0.5	0.7	0.6	3	0.9	--	--	--	--	--	--	--
B-9	10/12/1999	~4	--	<50	<50	0.6	0.9	<0.5	<1.0	<0.5	--	--	--	--	--	--	--
B-10	3/17/2000	~4	--	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--	--
B-11	3/17/2000	~4	--	69,000**	16,000	850	3,000	560	2,900	<0.5	--	--	--	--	--	--	--
B-12	3/17/2000	~4	--	8,600**	5,000	4	5	91	38	<0.5	--	--	--	--	--	--	--
B-13	3/17/2000	~4	--	110	77	2	0.8	1	3	<0.5	--	--	--	--	--	--	--
B-14	3/17/2000	~4	--	--	70	<0.5	1	0.8	3	<0.5	--	--	--	--	--	--	--
B-15	9/19/2007	~5	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.89	--	--	--	--	--	--	--
B-16-W	3/29/2010	~5	--	160,000 (200,000) #	47,000 #	4,400	130	2,100	4,400	800	--	--	--	--	--	--	--
B-17-W	3/29/2010	~5	--	72,000 (87,000) #	62,000 #	3,800	6,200	2,400	5,500	<250	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID / *TOC*	*Date Sampled*	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)		*TPHg* (µg/L)		*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
B-18-W	3/29/2010	~5	--	170,000 (96,000)	#	69,000	#	6,800	250	2,900	9,600	<550	--	--	--	--	--	--	--
B-19-W	3/29/2010	~5	--	63,000 (72,000)	#	15,000	#	82	6.7	270	31	<110	--	--	--	--	--	--	--
B-20-W	3/29/2010	~5	--	370 (370)	#	91	#	<0.5	0.93	<0.5	<0.5	7.2	--	--	--	--	--	--	--
B-21-W	3/29/2010	~5	--	120 (<50)	#	<50	#	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
B-23-W	3/29/2010	~5	--	580 (230)	#	<50	#	8	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
B-24-W	3/29/2010	~5	--	1,200 (980)	#	140	#	<0.5	<0.5	<0.5	<0.5	10	--	--	--	--	--	--	--
B-25-W	3/29/2010	~5	--	230 (190)	#	<50	#	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
Monitoring Well Samples																			
MW-1	4/6/2000	2.19	4.20	260		1,400		350	18	12	110	5	--	--	--	--	--	--	--
6.39	7/28/2000	2.55	3.84	1,000		10,000		1,300	1,900	240	1,700	<0.5	ND	--	--	--	--	--	--
	11/2/2000	2.11	4.28	510	#	11,000		1,200	1,800	230	1,600	<0.5	--	--	--	--	--	--	--
	3/7/2001	1.47	4.92	2	#	17,000		4,000	230	830	1,500	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.52	2.87	1,200	#	7,500		1,300	750	310	810	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	2.23	4.16	--		7,480		2,990	82.5	470	901	3*	108	--	--	--	--	--	--
	7/19/2002	2.55	3.84	--		5,060		1,070	172	2.8	733	3	104	--	--	--	--	--	--
	2/7/2003	2.17	4.22	--		8,260		3,020	43.3	493	448	10	326	--	--	--	--	--	--
	9/17/2003	2.85	3.54	--		7,020		1,250	241	112	1,250	<5	--	--	--	--	--	--	--
	12/23/2003	0.90	5.49	--		6,250		1,140	30.2	127	980	2.2	ND	--	--	--	--	--	--
	3/16/2004	1.84	4.55	--		2,000		408	2.6	30	101	<0.5*	ND	--	--	--	--	--	--
	6/29/2004	2.53	3.86	--		3,200		523	212	85.6	483	3.1*	ND	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID / *TOC*	*Date Sampled*	*Depth to Water (ft btoc)*	*Groundwater Elevation (ft amsl)*	*TPHd (µg/L)*		*TPHg (µg/L)*		*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*DIPE (µg/L)*	*1,2-DCA (µg/L)*	*EDB (µg/L)*	*EtOH (µg/L)*
	7/22/2004	2.48	3.91	--		3,800		440	290	52	440	<5.0	--	--	--	--	--	--	--
MW-1	12/9/2004	0.38	6.01	--		--		--	--	--	--	--	--	--	--	--	--	--	--
cont.	3/31/2005	1.00	5.39	--		520	#	120	1.4	1.3	25	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.06	3.33	--		7,200	#	920	110	110	1,400	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.72	3.67	460	#	7,200	#	960	280	130	750	3.2	--	--	--	--	--	--	--
	3/14/2007	1.88	4.51	400	#	2,600	#	620	<1.7	2.1	33	<17	--	--	--	--	--	--	--
	9/19/2007	2.96	3.43	560	#	4,000	#	560	35	14	640	<50	--	--	--	--	--	--	--
	3/14/2008	1.72	4.67	590	#	2,300	#	640	5.9	<5.0	40	<50	--	--	--	--	--	--	--
	9/2/2008	2.93	3.46	590	#	4,000	#	490	50	46	780	<25	--	--	--	--	--	--	--
	3/9/2009	2.32	4.07	840	#	5,800	#	1,600	11	13	40	<80	--	--	--	--	--	--	--
	3/10/2010	1.37	5.02	350	#	590	#	110	1.5	1.1	7.0	<15	--	--	--	--	--	--	--
	3/8/2011	1.76	4.63	<50		500	#	80	1.3	0.56	4.2	<15	--	--	--	--	--	--	--
	3/2/2012	**3.22**	**3.17**	**2,100**	#	**7,000**	#	**2,400**	**17**	**12**	**56**	**<150**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-2	4/6/2000	3.39	2.87	110		170		4	2	1	21	8	--	--	--	--	--	--	--
6.26	7/28/2000	3.53	2.73	400		860		150	22	11	100	3*	ND	--	--	--	--	--	--
	11/2/2000	4.03	2.23	240	#	940		160	39	25	95	1	--	--	--	--	--	--	--
	3/7/2001	5.16	1.10	0.10	#	570		86	7	14	33	<0.5	ND	--	--	--	--	--	--
	7/13/2001	4.08	2.18	170		320		60	5	6	20	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	3.51	2.75	--		483		120	19.3	12.5	56.1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.87	3.39	--		391	#	<0.5	<0.5	<0.5	<1	6.1*	67	--	--	--	--	--	--
	2/7/2003	2.77	3.49	--		482		43.1	1.7	9	60.2	8	ND	--	--	--	--	--	--
	9/17/2003	2.98	3.28	--		689		87.9	1.7	13.7	85.2	8.3*	87	--	--	--	--	--	--
	12/23/2003	2.68	3.58	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.54	3.72	--		763		97.5	1.3	9.9	72.9	14.3*	50	--	--	--	--	--	--
	6/29/2004	2.70	3.56	--		829		104	2.8	19.1	105	23.1*	77	--	--	--	--	--	--
	7/22/2004	2.63	3.63	--		590		55	3.2	13	65	15	--	--	--	--	--	--	--
	12/9/2004	3.42	2.84	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.40	3.86	--		450	#	82	1.4	12	47	17*	54	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.42	2.84	--		610	#	87	1.4	15	64	17	--	--	--	--	--	--	--
	8/24/2006	3.20	3.06	670	#	930	#	91	1.8	16	130	82*	--	--	--	--	--	--	--
	3/14/2007	3.25	3.01	480	#	1,100	#	120	1.3	20	99	70	--	--	--	--	--	--	--
	9/19/2007	3.84	2.42	710	#	660	#	55	2.8	10	63	42	--	--	--	--	--	--	--
	3/14/2008	3.60	2.66	420	#	950	#	110	<5.0	15	82	90	--	--	--	--	--	--	--
	9/2/2008	3.89	2.37	370	#	680	#	59	10	13	71	70	--	--	--	--	--	--	--
	3/9/2009	3.25	3.01	350	#	740	#	88	1.0	10	61	130	--	--	--	--	--	--	--
	3/10/2010	4.29	1.97	560	#	350	#	18	1.5	4.7	19	100	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID TOC	*Date* Sampled	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)		*TPHg* (µg/L)		*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
MW-2	3/8/2011	3.65	2.61	160	#	420	#	30	3.2	5.8	28	150	--	--	--	--	--	--	--
cont.	**3/2/2012**	**3.68**	**2.58**	**150**	#	**270**	#	**21**	**0.59**	**4.0**	**8.4**	**96**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-3	4/6/2000	2.95	3.63	<50		690		1	6	5	32	4	--	--	--	--	--	--	--
6.58	7/28/2000	3.27	3.31	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.24	3.34	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	3/7/2001	2.13	4.45	<50		<50		0.8	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.25	3.33	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	3.02	3.56	--		59		0.6	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.16	3.42	--		<50		<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.90	3.68	--		<50		1.1	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.38	4.2	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.60	3.98	--		67		<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	6/29/2004	3.12	3.46	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	3.09	3.49	--		<50		<0.5	0.56	<0.5	1.4	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.95	3.63	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.08	4.50	--		<50		<0.5	<0.5	<0.5	<0.5	<0.5*	12	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.35	3.23	--		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	3.09	3.49	<50		<50		<0.5	<0.5	<0.5	<0.5	<0.5*	--	--	--	--	--	--	--
	3/14/2007	2.74	3.84	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	3.34	3.24	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	2.90	3.68	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	3.45	3.13	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	2.81	3.77	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	2.90	3.68	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2011	2.94	3.64	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2012	**3.61**	**2.97**	**--**		**--**		**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4	4/6/2000	3.03	3.72	<50		110		52	35	4	22	3	--	--	--	--	--	--	--
6.75	7/28/2000	3.35	3.4	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.27	3.48	<50		<50		<0.5	<0.5	<0.5	<1	2	--	--	--	--	--	--	--
	3/7/2001	2.61	4.14	<50		<50		<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.37	3.38	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	3.19	3.56	<50		<50		<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.31	3.44	--		<50		<0.5	<0.5	<0.5	<1	4.5*	ND	--	--	--	--	--	--
	2/7/2003	--	--	--		--		--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID / *TOC*	*Date Sampled*	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
MW-4	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cont.	12/23/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							Well Destroyed in 2004										
MW-5	4/6/2000	2.68	3.73	<50	<50	8	1	0.6	1	19*	--	--	--	--	--	--	--
6.41	7/28/2000	2.93	3.48	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	2.91	3.5	<50	<50	<0.5	<0.5	<0.5	<1	6*	--	--	--	--	--	--	--
	3/7/2001	2.40	4.01	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	2.94	3.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	2.77	3.64	--	<50	0.9	0.6	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.89	3.52	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.65	3.76	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.48	3.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.75	3.66	--	<50	<0.5	<0.5	<0.5	<1	6.8*	ND	--	--	--	--	--	--
	6/29/2004	2.92	3.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.66	4.75	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.82	3.59		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.84	3.57		<50	<0.5	<0.5	<0.5	<0.5	2.6*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.12	3.29	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.96	3.45	<50	<50	<0.5	<0.5	<0.5	<0.5	0.61*	--	--	--	--	--	--	--
	3/14/2007	2.81	3.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.98	3.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	2.78	3.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	3.05	3.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	2.47	3.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	2.82	3.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2011	2.86	3.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2012	**3.49**	**2.92**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-6	7/13/2001	2.85	3.37	<50	<50	<0.5	<0.5	<0.5	<1	10*	ND	--	--	--	--	--	--
6.22	1/23/2002	2.70	3.52	--	<50	<0.5	<0.5	<0.5	<1	23*	ND	--	--	--	--	--	--
	7/19/2002	2.76	3.46	--	<50	<0.5	<0.5	<0.5	<1	7*	ND	--	--	--	--	--	--
	2/7/2003	2.57	3.65	--	<50	<0.5	<0.5	<0.5	<1	14	ND	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.25	3.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.35	3.87	--	<50	<0.5	<0.5	<0.5	<1	7.4*	ND	--	--	--	--	--	--

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID TOC	*Date* Sampled	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)		*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
MW-6	6/29/2004	2.75	3.47	--		--	--	--	--	--	--	--	--	--	--	--	--	--
cont.	7/22/2004	1.66	4.56	--		<50	<0.5	1.9	0.59	4.3	8.7	--	--	--	--	--	--	--
	12/9/2004	2.39	3.83	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.09	4.13	--		<50	<0.5	<0.5	<0.5	<0.5	20*	13	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	2.95	3.27	--		<50	<0.5	<0.5	<0.5	<0.5	8.1	--	--	--	--	--	--	--
	8/24/2006	2.65	3.57	54	#	<50	<0.5	<0.5	<0.5	<0.5	3.2	--	--	--	--	--	--	--
	3/14/2007	2.48	3.74	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.79	3.43	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	2.55	3.67	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	2.95	3.27	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	2.35	3.87	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	2.60	3.62	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2011	2.59	3.63	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2012	**3.16**	**3.06**	**--**		**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-7	7/13/2001	2.65	2.82	80		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
5.47	1/23/2002	1.74	3.73	--		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	1.75	3.72	--		98	6.3	2.8	1.7	6.8	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	1.62	3.85	--		<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	1.91	3.56	--		<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	12/23/2003	0.70	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	1.33	4.14	--		<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	6/29/2004	1.60	3.87	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.67	3.80	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	0.83	4.64	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.08	4.39	--		<50	<0.5	<0.5	<0.5	<0.5	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9.29/05	2.31	3.16	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.14	3.33	150	#	<50	<0.5	<0.5	<0.5	<0.5	0.54	--	--	--	--	--	--	--
	3/14/2007	1.97	3.50	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.34	3.13	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	1.96	3.51	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2008	2.36	3.11	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2009	1.77	3.70	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/10/2010	1.75	3.72	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2011	1.91	3.56	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2012	**2.69**	**2.78**	**--**		**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID TOC	*Date* Sampled	*Depth to Water* (ft btoc)	*Groundwater Elevation* (ft amsl)	*TPHd* (µg/L)		*TPHg* (µg/L)		*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*DIPE* (µg/L)	*1,2-DCA* (µg/L)	*EDB* (µg/L)	*EtOH* (µg/L)
MW-8	7/13/2001	1.99	2.95	700		<50		<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
4.94	1/23/2002	2.31	2.63	--		<50		<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.36	2.58	--		<50		<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.27	2.67	--		<50		<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	2.52	2.42	--		<50		<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	12/23/2003	1.30	3.64	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	1.95	2.99	--		<50		<0.5	<0.5	<0.5	<1	3.2*	ND	--	--	--	--	--	--
	6/29/2004	2.24	2.70	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	2.29	2.65	--		<50		<0.5	1.7	0.51	3.7	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.29	2.65	--		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.81	3.13	--		<50		<0.5	<0.5	<0.5	<0.5	1.7*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.01	1.93	--		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.80	2.14	<50		<50		<0.5	<0.5	<0.5	<0.5	2.4*	--	--	--	--	--	--	--
	3/14/2007	2.66	2.28	74	#	<50	#	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	9/19/2007	3.01	1.93	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/14/2008	2.68	2.26	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	9/2/2008	3.01	1.93	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/9/2009	2.43	2.51	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/10/2010	2.45	2.49	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/8/2011	2.71	2.23	<50		<50		<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/2/2012	**3.30**	**1.64**	**<50**		**<50**		**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

TABLE 1

GROUNDWATER ELEVATION AND ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID	*Date*	*Depth to Water*	*Groundwater Elevation*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*	*TBA*	*ETBE*	*TAME*	*DIPE*	*1,2-DCA*	*EDB*	*EtOH*
TOC	*Sampled*	*(ft btoc)*	*(ft amsl)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*

Notes:
TOC = Elevation of the top of casing in feet relative to mean sea level
TOC elevation survey completed in July 2001 by Virgil Chavez Land Surveying
ft btoc = measured in feet below top of casing
ft amsl = measured in feet above sea level
TPHd = Total petroleum hydrocarbons as diesel by EPA modified Method SW8015C, (with sillica gel cleanup)
TPHg = Total petroleum hydrocarbons as gasoline by EPA modified Method SW8015C
Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method SW8021B
MTBE = Methyl-tert-butyl ether (MTBE) (EPA Method 8020 or 8021B)
TBA = tert-Butyl Alcohol (EPA Method 8260)
µg/L = Micrograms per liter
ND = compound not detected above laboratory reporting limits
<X = Concentration less than laboratory reporting limits
-- = Not analyzed / not applicable / not available
* = MTBE confirmed by EPA Method 8260
** = Does not match diesel pattern
# = See laboratory report for notes and/or a description of chromatogram pattern
NA = Not avaliable, not analyzed

Note: Total Dissolved Solids (TDS) analyzed for MW-3 on 7/13/01 showed concentration of 19,524 ppm.

TABLE 2

SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	*Date Sampled*	*Depth (ft bgs)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*
			←			*mg/kg*			→
Product Line Trench Samples									
T-1	10/1998	2.5	7,600	2,400	0.68	<0.125	<0.125	2	9.0
T-2	10/1998	2.5	1,700	100	<0.005	<0.005	<0.005	0.36	0.2
T-3	10/1998	2.5	250	880	1.0	3.0	12	71	1.0
Soil Boring Samples									
B-1	10/12/1999	4	<1.0	<0.5	0.006	<0.005	<0.005	<0.010	0.18
B-2	10/12/1999	4	280	6.1	0.015	<0.005	0.085	0.29	0.009
B-3	10/12/1999	4	15 [a]	16	0.063	0.069	0.40	1.8	0.021
B-4	10/12/1999	4	1.0 [a]	1.6	<0.005	<0.005	0.013	0.049	<0.005
B-5	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	0.015	0.011
B-6	10/12/1999	4	<1.0	<0.5	0.023	0.010	0.007	0.026	0.84 b
B-7	10/12/1999	4	<1.0	<0.5	0.008	0.008	<0.005	0.011	<0.005
B-8	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005
B-9	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005
B-10	3/17/2000	4.5	<1.0	0.79	<0.005	0.012	0.009	0.056	<0.005
B-10	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.022	<0.005
B-11	3/17/2000	4.5	<1.0	0.67	0.085	0.037	0.019	0.046	<0.005
B-11	3/17/2000	9	270	780	0.79	19	12	65	<0.005
B-12	3/17/2000	4.5	<1.0	1.5	<0.005	0.017	0.012	0.055	0.071
B-12	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.016	<0.005
B-13	3/17/2000	3.5	<1.0	0.78	<0.005	<0.005	<0.005	0.02	<0.005
B-13	3/17/2000	7.5	<1.0	0.5	<0.005	<0.005	<0.005	<0.01	<0.005
B-14	3/17/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
B-14	3/17/2000	9.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005

TABLE 2

SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			← mg/kg →						
B-16-2.5	3/29/2010	2.5	48	100	0.29	0.15	0.96	3.2	<1.0
B-16-5.0	3/29/2010	5.0	130	270	1.1	0.14	5.8	15	<1.0
B-17-2.5	3/29/2010	2.5	<1.0	<1.0	0.0054	<0.005	0.016	0.022	<0.05
B-17-5.0	3/29/2010	5.0	66	190	0.84	1.2	3.8	5.5	<0.50
B-17-7.5	3/29/2010	7.5	<1.0	4.2	0.041	0.061	0.087	0.17	<0.05
B-18-2.5	3/29/2010	2.5	2,800	3,900	13	1.4	50	170	<5.0
B-18-5.0	3/29/2010	5.0	38	300	4.7	10	3.7	15	<2.5
B-18-7.5	3/29/2010	7.5	1.8	5.9	0.038	0.011	0.066	0.21	<0.05
B-19-2.5	3/29/2010	2.5	4.8	7.1	<0.005	<0.005	<0.005	0.0077	<0.05
B-19-5.0	3/29/2010	5.0	7.6	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-20-2.5	3/29/2010	2.5	4.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-20-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-21-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-21-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-22-2.5	3/29/2010	2.5	2.7	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-22-5.0	3/29/2010	5.0	2.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-23-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-23-7.5	3/29/2010	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-24-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-24-5.0	3/29/2010	5.0	5.0	1.4	0.0056	<0.005	<0.005	0.0056	<0.05
B-25-2.5	3/29/2010	2.5	24	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-25-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-26-2.5	5/7/2012	2.5	1,100 [g,h]	1,600 [c,d]	3.4	1.1	20	63	<5.0
B-26-5.0	5/7/2012	5.0	1,400 [g,h]	5000 [e]	56	220	80	410	<25
B-26-7.5	5/7/2012	7.5	1.4 [i]	<1.0	0.097	0.031	0.010	0.049	<0.05
B-26-10	5/7/2012	10.0	<1.0	1.4 [e]	0.14	0.032	0.012	0.054	<0.05
B-27-2.5	5/7/2012	2.5	110 [g,h]	110 [e,f]	0.48	0.10	1.2	0.51	<0.17
B-27-5.0	5/7/2012	5.0	8.3 [g,h]	17 [e,f]	0.16	0.076	0.27	0.51	<0.05
B-27-7.5	5/7/2012	7.5	<1.0	<1.0	0.0065	<0.005	0.0055	105	<0.05

TABLE 2

SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			← mg/kg →						
B-27-10	5/7/2012	10.0	<1.0	2.7 e	0.34	0.012	0.11	0.068	<0.05
B-27-13	5/7/2012	13.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-28-2.5	5/7/2012	2.5	27 g,h	30 e	0.80	0.038	1.3	1.1	<0.10
B-28-5.0	5/7/2012	5.0	300 g,h	180 c,d	0.38	2.6	1.9	11	<1.0
B-28-7.5	5/7/2012	7.5	5.9 g, i	18 e	0.15	0.33	0.19	0.99	<0.10
B-28-10	5/7/2012	10.0	<1.0	2.2 e	0.26	0.074	0.025	0.12	<0.05
B-29-2.5	5/7/2012	2.5	51 g, i, j	45 e	5.5	0.27	1.4	2.7	<1.0
B-29-5.5	5/7/2012	5.5	39 g, j, i	250 e	1.4	6.8	3.0	16	<1.0
B-30-2.5	5/7/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-30-5.0	5/7/2012	5.0	27 g, i	45 c	0.18	0.76	0.89	3.5	<0.50
B-30-7.5	5/7/2012	7.5	58 k, i	85 c, d	0.18	0.83	0.48	1.8	<1.0
B-30-10	5/7/2012	10.0	6.5 g	32 c	0.14	1.5	0.7	4.0	<0.50
B-30-12.5	5/7/2012	12.5	<1.0	5.9 e	0.038	0.23	0.096	0.52	<0.05
B31-2.5	5/8/2012	2.5	97 g, h	53 e	0.54	0.11	2.4	2.9	<1.0
B31-5.0	5/8/2012	5.0	1.9 g, i	3.5 e	0.34	0.077	0.12	0.66	<0.05
B31-7.5	5/8/2012	7.5	870 g, i	1,500 c	4.5	<1.7	29	160	<17
B31-10	5/8/2012	10.0	2.0 i	<1.0	0.11	0.030	0.010	0.049	<0.05
B32-2.5	5/8/2012	2.5	18 h	4.8 e	0.071	0.0060	0.077	0.15	<0.05
B32-5.0	5/8/2012	5.0	120 g, h	100 e	1.7	5.1	1.4	6.3	<1.0
B32-7.5	5/8/2012	7.5	4.1 g, i	4.4 e	0.036	0.035	0.020	0.12	<0.05
B32-10	5/8/2012	10.0	<1.0	3.5 e	0.094	0.18	0.069	0.35	<0.05
B33-2.5	5/8/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B33-5.0	5/8/2012	5.0	28 g, i	18 e	0.29	1.1	0.38	2.0	<0.17
B33-7.5	5/8/2012	7.5	2.6 i	1.8 e	0.36	0.052	0.016	0.099	<0.05
B33-10	5/8/2012	10.0	<1.0	<1.0	0.022	0.030	0.010	0.057	<0.05
B34-2.5	5/8/2012	2.5	<1.0	<1.0	0.020	<0.005	0.022	0.019	<0.05
B34-5.0	5/8/2012	5.0	13 j, i	13 e	0.66	0.48	0.38	1.6	<0.05
B34-7.5	5/8/2012	7.5	1.2 i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B34-10	5/8/2012	10.0	<1.0	<1.0	0.021	<0.005	<0.005	0.015	<0.05
B35-2.5	5/8/2012	2.5	1,700 g, h	1,700 e	6.3	3.2	22	80	<5.0

TABLE 2

SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			←			mg/kg			→
B35-5.0	5/8/2012	5.0	130 j, i	11 e	0.81	1.1	0.28	0.99	0.086
B35-7.5	5/8/2012	7.5	330 j, i	1.5 e	0.26	0.010	0.012	0.044	<0.05
B35-10	5/8/2012	10.0	<1.0	<1.0	0.14	<0.005	<0.005	0.011	<0.05
B36-2.5	5/8/2012	2.5	8.7 h	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B36-5.0	5/8/2012	5.0	4.8 j, i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B36-7.5	5/8/2012	7.5	14 j, i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B36-10	5/8/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	0.0090	<0.05
B37-2.5	5/9/2012	2.5	1.9 i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B37-5.0	5/9/2012	5.0	3.2 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B37-7.5	5/9/2012	7.5	5.7 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B37-10	5/9/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B38-2.5	5/9/2012	2.5	360 h	14 d, f	<0.005	0.018	<0.005	0.024	<0.05
B38-5.0	5/9/2012	5.0	2.8 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	0.14
B38-7.5	5/9/2012	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B38-10	5/9/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.093
B39-2.5	5/9/2012	2.5	2.2 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B39-5.0	5/9/2012	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B39-6.0	5/9/2012	6.0	18 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B40-2.5	5/9/2012	2.5	46 i, j	73 c	0.17	0.19	0.62	2.9	<1.0
B40-5.0	5/9/2012	5.0	95 g, h	340 c, d	0.45	11	6.3	33	<1.0
B40-7.5	5/9/2012	7.5	3.8 g, i	8.4 e	0.050	0.076	0.064	0.39	<0.05
B40-10	5/9/2012	10.0	5.5 g	10 e	0.10	0.28	0.18	0.96	<0.05
B41-2.5	5/9/2012	2.5	27 g, i	6.1 e	0.048	0.0074	0.060	0.20	<0.05
B41-5.0	5/9/2012	5.0	3.7 g, i, j	2.3 e	0.096	0.0089	0.012	0.033	<0.05
B41-7.5	5/9/2012	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B41-10	5/9/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B42-2.5	5/9/2012	2.5	1,100 g, h	490 e, f	1.4	0.74	13	4.0	<1.0
B42-5.0	5/9/2012	5.0	58 g, h	120 d, f	0.14	0.076	2.0	1.9	<0.25
B42-7.5	5/9/2012	7.5	2.4 g, i	12 e	0.060	0.018	0.20	0.19	<0.05
B42-10	5/9/2012	10.0	<1.0	1.1 e	0.014	<0.005	0.025	0.023	<0.05

TABLE 2

SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			←			mg/kg			→
B43-2.5	5/10/2012	2.5	2.6 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B43-5.0	5/10/2012	5.0	1.7 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B43-7.5	5/10/2012	7.5	<1.0	<1.0	0.0052	<0.005	<0.005	0.014	<0.05
B43-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.23
B43-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.063
B44-2.5	5/10/2012	2.5	2.5 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B44-5.0	5/10/2012	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B44-7.5	5/10/2012	7.5	3.7 [h]	2.0 [e]	0.029	0.013	0.024	0.17	<0.05
B44-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B44-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B45-2.5	5/10/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B45-5.0	5/10/2012	5.0	1.3 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B45-7.5	5/10/2012	7.5	2.1 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B45-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B45-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B46-2.5	5/10/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B46-5.0	5/10/2012	5.0	1.7 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B46-7.5	5/10/2012	7.5	3.9 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B46-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B46-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B47-2.5	5/10/2012	2.5	1.7 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B47-5.0	5/10/2012	5.0	<1.0	<1.0	0.16	0.010	<0.005	<0.005	<0.05
B47-7.5	5/10/2012	7.5	3.8 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B47-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B48-2.5	5/10/2012	2.5	380 [g, h]	170 [d, f]	<0.10	0.94	0.24	0.68	<1.0
B48-5.0	5/10/2012	5.0	4.1 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B48-7.5	5/10/2012	7.5	1.1 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
B48-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05

TABLE 2

SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	*Date Sampled*	*Depth (ft bgs)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*
			←			*mg/kg*			→
Monitoring Well Samples									
MW-1	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-2	3/23/2000	4.5	<1.0	3.0	0.43	0.40	0.095	0.51	<0.005
MW-3	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-4	3/23/2000	4.5	9.6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-5	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-6	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-7	7/2/2001	4.0	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-8	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005

Notes:

all soil data prior to 2010 obtained by previous consultant
ft bgs = Feet below grade ground surface
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015
Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8020 or 8021
MTBE = Methyl-tert-butyl ether analyzed by EPA Method 8020 or 8021
<X = Concentration less than laboratory reporting limits
a = Hydrocarbon response in the diesel range but does not resemble diesel
b = MTBE confirmed by EPA Method 8260
c = heavier gasoline range compounds are significant (aged gasoline?)
d = no recognizable pattern
e = weakly modified or unmodified gasoline is significant
f = strongly aged gasoline or diesel range compounds are significant in the TPHg chromatogram
g = gasoline range compounds are significant
h = unmodified or weakly modified diesel is significant
i = diesel range compounds are significant; no recognizable pattern
j = oil range compounds are significant
k = kerosene/kerosene range /jet fuel range

TABLE 3

WELL CONSTRUCTION SUMMARY
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SOUTH SAN FRANCISCO, CALIFORNIA

Well ID	*Date Installed*	*TOC*	*Total Depth (ft bgs)*	*Casing Diameter (inches)*	*Slot Size (inches)*	*Screen Interval (ft bgs)*
MW-1	3/23/2000	6.39	17	2	0.020	3-17
MW-2	3/23/2000	6.26	18	2	0.020	3-18
MW-3	3/23/2000	6.58	18	2	0.020	3-18
MW-4*	3/23/2000	6.75	17	2	0.020	3-17
MW-5	3/23/2000	6.41	18	2	0.020	3-18
MW-6	7/2/2001	6.22	12.5	2	0.020	2.5-12.5
MW-7	7/2/2001	5.47	12.5	2	0.020	2.5-12.5
MW-8	7/2/2001	4.94	12.5	2	0.020	2.5-12.5

Abbreviations & Notes:
TOC = Top of casing elevation (feet above mean sea level); survey performed August 2001
ft bgs = Feet below ground surface
* = Well Destroyed

APPENDIX A

AGENCY CORRESPONDENCE

SAN MATEO COUNTY
HEALTH SYSTEM

July 21, 2011

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr. c/o Janet Heikel
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

Thank you for the *Work Plan Addendum,* submitted June 24, 2011 to the Geotracker website, by Conestoga-Rovers & Associates (CRA) for the above referenced site. San Mateo County Groundwater Protection Program (GPP) concurs with the proposed additional borings in the vicinity of B-18. Please note this scope of work is in addition to the conditionally approved borings in the vicinity of the tanks and dispensers and work in both areas should occur concurrently. Please keep in mind that the subsequent site assessment report and remedial action plan (RAP) for excavation are due no later than **June 15, 2012.**

As always, you may submit requested items at any time prior to the due date in order to expedite the progress of the overall site investigation and potential remediation. I can be reached at (650) 372-6298 or by e-mail at jmadden@co.sanmateo.ca.us to answer any questions you may have regarding this letter. Thank you for your cooperation.

Sincerely,

Jacob Madden
Hazardous Materials Specialist
Groundwater Protection Program

cc: Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandaa@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080

APPENDIX B

DRILLING PERMIT

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 12- 1035

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
131 TERMINAL COURT, S SAN FRANCISCO

OWNER:
OLYMPIAN JV
1300 INDUSTRIAL RD, STE 2
SAN CARLOS

WP0009045 FA0051497
015113210
AMOUNT PAID: 577.00

CONTRACTOR:
VAPOR TECH SERVICES

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (22)
CONSULTANT: CONESTOGA ROVERS & ASSOCIATES
PROJECT MGR: RON SCHEELE
RO0001695

JACOB MADDEN

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/7/2012

EXPIRATION DATE: 9/7/2012

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

PAID

CK. NO. #11293 $577.00
DATE 4/27/12

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
APR 27 2012
RECEIVED

FEES:
$577.00 (env. borings or any wells)
$381.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS 22 WELL/BORING NAMES B8c to B4B

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Olympian JV ASSESSOR'S PARCEL # 015113210 (one per permit)
DRILLING LOCATION ADDRESS 131 Terminal Court CITY South San Francisco
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 10 (feet) Drilling Method Direct-push
Boring Diameter 2" Casing Diameter NA Filter Pack Interval NA Screen Interval NA
Development Method NA (additional 48 hour staff notification required)
Destruction Method(5 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd. Suite 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL _____

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: [signature], President Date: 4/18/2012

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Prime Ripetta
ADDRESS 131 Terminal Ct. CITY, STATE, ZIP South San Francisco, CA 94080
TELEPHONE 650-583-4886 EMAIL _____

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: [signature] Date: 4-26-2012

DRILLING COMPANY:

DRILLING COMPANY Vapor Tech Services CONTACT PERSON Glenn Reiss
ADDRESS 1348 66th St. C57 DRILLERS LICENSE # C-57 #916085
CITY, STATE, ZIP Berkeley CA 94702 TELEPHONE/EMAIL 415-378-0415

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Glenn O Reiss Date: 4/17/12

CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers and Assoc. PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis St. Ste A TELEPHONE 510-420-3337
CITY, STATE, ZIP Emeryville CA 94608 EMAIL rscheele@craworld.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses.
(Responsible Professional must be a California Professional Geologist or Civil Engineer.)

Responsible Professional's Name (Please print legibly) Ron Scheele
Responsible Professional's Signature [signature] Date: 4/16/12
California Professional Geologist (PG) No. 6842 or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA 51497

 2012 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is **required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2012 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ RO/FA# 1695 Date: 5-1-2012

Revised every January 1

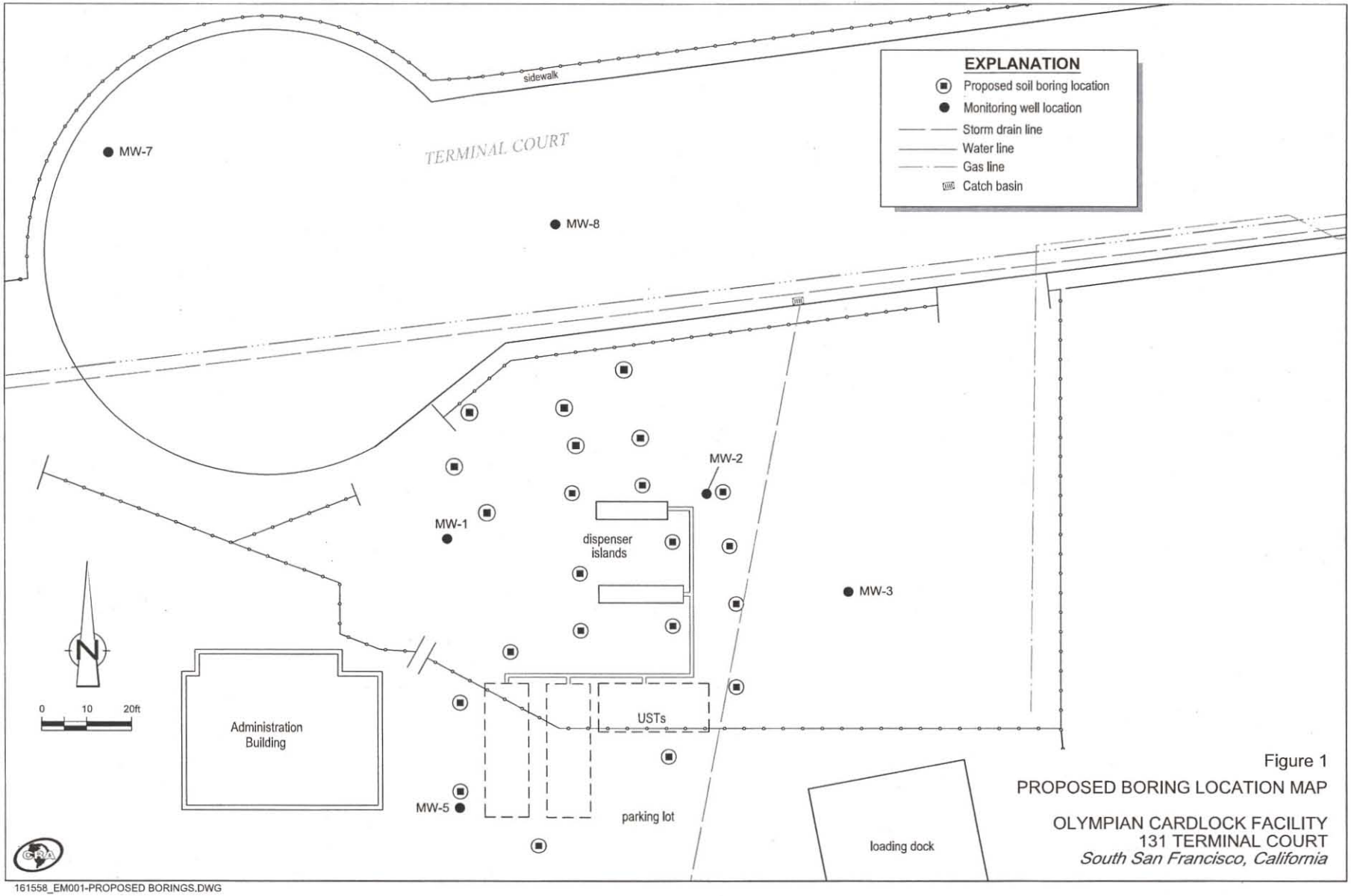


Figure 1

PROPOSED BORING LOCATION MAP

OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558_EM001-PROPOSED BORINGS.DWG

APPENDIX C

BORING LOGS

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-26
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	07-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	07-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	T. Kirnan	**DEPTH TO WATER (First Encountered)**	2.50 fbg (07-May-12)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
5400		B-26- 2.5			GP		**GRAVEL with silt:** Medium dark gray (N4); moist; 10% silt, 90% gravel; moderate to high estimated permeability. @ 2.5 fbg: Wet ▽	3.0	
					GC		**Clayey GRAVEL:** Dusky brown (5YR 2/2); wet; 30% clay, 70% gravel; moderate estimated permeability.	4.0	
4000		B-26- 5		5	SM		**Silty SAND:** Dusky brown (5YR 2/2); wet; 20% silt, 80% fine grained sand; low estimated plasticity; moderate to high estimated permeability.	6.0	Portland Type I/II
171		B-26- 7.5			ML		**SILT:** Moderate brown (5YR 3/4); wet; 15% clay, 85% silt; moderate estimated plasticity; low to moderate estimated permeability. @ 8 fbg: **SILT with clay:** 5% clay, 95% silt.	9.0	
17		B-26- 10		10	CL		**CLAY with silt:** Dusky brown (5YR 2/2); wet; 10% silt, 90% clay; moderate to high estimated plasticity; low estimated permeability.	10.5	Bottom of Boring @ 10.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-27
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	07-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	07-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	T. Kirnan	**DEPTH TO WATER (First Encountered)**	2.50 fbg (07-May-12)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
250		B-27- 2.5			CL		**CLAY with sand:** Moderate brown (5YR 3/4); moist; 10% fine to medium grained sand, 90% clay; moderate to high estimated plasticity; low estimated permeability. @ 2.5 fbg: Odor; product visible. @ 3 fbg: **Sandy CLAY:** Moderate brown (5YR 3/4); wet; 30% sand, 70% clay; low estimated plasticity; low estimated permeability.	4.0	
					GC		**GRAVEL with clay:** Moderate brown (5YR 3/4); wet; 10% clay, 90% gravel; moderate estimated permeability.	5.0	
70.2		B-27- 5		5	ML		**SILT with silt:** Moderate brown (5YR 3/4); wet; 10% clay, 90% silt; moderate to high estimated plasticity; low estimated permeability.		Portland Type I/II
19		B-27- 7.5						8.0	
17		B-27- 10		10	CL		**CLAY with silt:** Medium dark grey (N4); wet; 10% silt, 90% clay; moderate to high estimated plasticity; low estimated permeability.		
5		B-27- 13						13.5	Bottom of Boring @ 13.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT. SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-28
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	07-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	07-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	T. Kirnan	**DEPTH TO WATER (First Encountered)**	6.00 fbg (07-May-12)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
133		B-28- 2.5			CL		**CLAY with sand:** Moderate brown (5YR 3/4); moist; 10% fine to medium grained sand, 90% clay; low estimated plasticity; low estimated permeability.	3.0	
					SM		**Silty SAND:** Moderate brown (5YR 3/4); moist; 20% silt, 80% fine grained sand; moderate to high estimated permeability.	5.0	
300		B-28- 5		5			**SILT with clay:** Dusky brown (5YR 2/2); moist; 10% clay, 90% silt; low estimated plasticity; low to moderate estimated permeability. ▽		Portland Type I/II
86		B-28- 7.5			ML		@ 8 fbg: **Clayey SILT:** Moderate brown (5YR 3/4); wet; 30% clay, 70% silt; low to moderate estimated plasticity; low to moderate estimated permeability.	9.0	
14		B-28- 10		10	CL		**CLAY with silt:** Dark gray (N3); wet; 10% silt, 90% clay; moderate to high estimated plasticity; low estimated permeability.	10.5	Bottom of Boring @ 10.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-29
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	07-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	07-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	T. Kirnan	**DEPTH TO WATER (First Encountered)**	5.50 fbg (07-May-12)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
53		B-29- 2.5			ML		**SILT with clay:** Moderate brown (5YR 3/4); moist; 5% clay, 95% silt; low estimated plasticity; moderate estimated permeability.		Portland Type I/II
					SW		**SAND:** Dusky brown (5YR 2/2); moist; 100% medium to coarse grained sand; moderate to high estimated permeability.	4.0	
159		B-29- 5		5	ML		**SILT with clay:** Greyish brown (5YR 3/2); wet; 10% clay, 90% silt; low estimated plasticity; moderate estimated permeability. ▽	5.0	
							@ 6: Refusal	6.0	Bottom of Boring @ 6 fbg

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-30
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	07-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	07-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	6.00 fbg (07-May-12)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
					ASPHALT: Approximately 1 foot thick.	1.0
3		B-30- 2.5		ML	**SILT with sand and clay:** Moderate brown (5YR 3/4); moist; 5% clay, 10% fine grained sand, 85% silt; low estimated plasticity; low estimated permeability.	
26		B-30- 5	5		@ 4 fbg: **Clayey SILT:** Moderate reddish brown (10R 4/6); moist; increase clay; 15% clay, 85% silt; low to moderate estimated plasticity; low to moderate estimated permeability.	
					@ 6 fbg: Grayish brown (5YR 3/2); wet. ▽	6.0
150		B-30- 7.5		GW	**GRAVEL with clay:** Medium dark grey (N4); wet; 10% clay, 90% gravel; moderate estimated permeability.	
--		B-30- 10	10	CL	**CLAY:** Medium dark gray (N4); wet; 100% clay; moderate to high estimated plasticity; low estimated permeability.	10.0
13		B-30- 13				13.0

WELL DIAGRAM: Portland Type I/II

Bottom of Boring @ 13 fbg

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-31
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	08-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	08-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	5.00 fbg (08-May-12)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
					ASPHALT: Approximately 1 foot thick.	1.0
				ML	**Gravelly SILT with sand:** Dusky brown (5YR 2/2); moist; 10% fine to medium grained sand, 30% gravel, 60% silt; low to moderate estimated permeability.	
309		B-31- 2.5			@ 2 fbg: **Gravelly Sandy SILT:** Grayish brown (5YR 3/2); moist; 15% gravel, 30% fine grained sand, 55% silt; low estimated plasticity; low to moderate estimated permeability.	3.0
				CL	**CLAY with silt:** Moderate brown (5YR 3/4); moist; 5% silt, 95% clay; moderate to high estimated plasticity; low estimated permeability.	4.0
				SW	**SAND with silt:** Medium dark grey (N4); moist; 5% silt, 95% fine grained sand; moderate to high estimated permeability. ▽	
210		B-31- 5	5			5.5
				ML	**Sandy SILT:** Moderate brown (5YR 3/4); wet; 30% fine grained sand, 70% silt; low estimated plasticity; moderate to high estimated permeability.	
8		B-31- 7.5			@ 8 fbg: **Clayey SILT with sand:** Medium dark gray (N4); wet; increase clay; 10% fine grained sand; 20% clay, 70% silt.	9.0
				CL	**CLAY with silt:** Black (N1); wet; 15% silt, 85% clay; moderate estimated plasticity; low estimated permeability.	
0.8		B-31- 10	10			10.5

WELL DIAGRAM: Portland Type I/II

Bottom of Boring @ 10.5 fbg

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-32
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	08-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	08-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direch Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	10.00 fbg (08-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
					GM		**Silty GRAVEL:** Medium dark gray (N4); moist; 20% silt, 80% gravel; moderate to high estimated permeability.	2.0	
2.7		B-32- 2.5			SC		**Clayey SAND:** Moderate brown (5YR 3/4); moist; 15% clay, 85% fine to medium grained sand; moderate to high estimated permeability.	4.0	
					SW		**SAND:** Medium dark gray (N4); moist; 10% silt, 90% sand; moderate to high estimated permeability.	5.0	
46		B-32- 5		5	SM		**Silty SAND:** Dusky brown (5YR 2/2); moist; 25% silt, 75% fine grained sand; moderate to high estimated permeability. @ 6 fbg: Construction debris - wood chips.	7.0	◄ Portland Type I/II
16		B-32- 7.5			ML		**SILT with clay and sand:** Moderate brown (5YR 3/4); moist; 5% fine grained sand, 10% clay, 85% silt; low to moderate estimated permeability.	8.0	
					CL		**CLAY with silt:** Black (N1); moist; 10% silt, 90% clay; moderate estimated plasticity; low estimated permeability.		
0.2		B-32- 10		10			@ 10 fbg: Wet ▽	10.5	Bottom of Boring @ 10.5 fbg

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-33
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	08-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	08-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	6.00 fbg (08-May-12)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
0		B-33- 2.5			SC		**Clayey SAND:** Moderate brown (5YR 3/4); moist; 20% clay, 80% fine grained sand; low estimated plasticity; low to moderate estimated permeability.	4.0	
					SW		**SAND with silt:** Grayish brown (5YR 3/2); moist; 5% silt, 95% fine grained sand; moderate to high estimated permeability.	5.0	
0.8		B-33- 5		5	CL		**Sandy CLAY:** Dusky brown (5YR 2/2); moist; 20% fine grained sand, 80% clay; low estimated plasticity; low to moderate estimated permeability. ▽	6.0	Portland Type I/II
					ML		**Gravelly SILT:** Moderate brown (5YR 3/4); wet; 30% gravel, 70% silt; low to moderate estimated permeability. @ 7 fbg: **Clayey SILT with gravel:** Medium dark grey (N4); increase clay; 10% gravel, 20% clay, 70%s silt; low estimated plasticity; low to moderate estimated permeability.	8.5	
4.2		B-33- 7.5							
					CL		**CLAY with silt:** Black (N1); wet; 10% silt, 90% clay; moderate to high estimated plasticity; low estimated permeability.	10.5	Bottom of Boring @ 10.5 fbg
0		B-33- 10		10					

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-34
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	08-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	08-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	2.00 fbg (08-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
					GM		**Silty GRAVEL:** Moderate brown (5YR 3/4); moist; 15% silt, 85% gravel; moderate to high estimated permeability. ▽	2.0	
8.5		B-34- 2.5					**Sandy SILT:** Moderate brown (5YR 3/4); moist; 20% fine to medium grained sand, 80% silt; moderate estimated permeability.		
16		B-34- 5		5	ML		@ 5 fbg: **SILT with sand:** Decrease sand; 10% fine grained sand, 90% silt; low estimated plasticity; low to moderate estimated permeability.		Portland Type I/II
0.4		B-34- 7.5						8.0	
					CL		**CLAY with silt:** Medium dark grey (N4); moist; 10% silt, 90% clay; moderate estimated plasticity; low estimated permeability.		
0		B-34- 10		10				10.5	Bottom of Boring @ 10.5 fbg

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-35
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	08-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	08-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
					ASPHALT: Approximately 1 foot thick.	1.0
				GP	**Sandy GRAVEL:** Medium dark gray (N4); moist; 20% fine to medium grained sand, 80% gravel; moderate to high estimated permeability.	
530		B-35- 2.5				3.0
				SP	**Gravelly SAND:** Grayish brown (5YR 3/2); moist; 15% gravel, 85% fine to medium grained sand; moderate to high estimated permeability.	
			5			5.0
24		B-35- 5		ML	**SILT with sand:** Dusky brown (5YR 2/2); moist; 10% fine grained sand, 90% silt; low estimated plasticity; low to moderate estimated permeability.	
9.8		B-35- 7.5				8.0
				CL	**CLAY with silt:** Black (N1); moist; 10% silt, 90% clay; moderate estimated plasticity; low to moderate estimated permeability.	
0.7		B-35- 10	10			10.5

WELL DIAGRAM: Portland Type I/II

Bottom of Boring @ 10.5 fbg

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-36
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	08-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	08-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
					ASPHALT: Approximately 1 foot thick.	1.0
0		B-36- 2.5		SP	**SAND with silt:** Dusky brown (5YR 2/2); moist; 8% silt, 92% fine grained sand; moderate to high estimated permeability.	5.0
0		B-36- 5	5	SM	**Silty SAND:** Dusky brown (5YR 2/2); moist; 25% silt, 75% fine grained sand; moderate to high estimated permeability.	7.0
0		B-36- 7.5		ML	**Sandy SILT:** Dusky brown (5YR 2/2); moist; 30% fine grained sand, 70% silt; low to moderate estimated permeability.	8.0
0		B-36- 10	10	CL	**CLAY with silt:** Black (N1); moist; organic; 10% silt, 90% clay; moderate estimated plasticity; low estimated permeability.	10.5

WELL DIAGRAM: Portland Type I/II

Bottom of Boring @ 10.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT. SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-37
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	09-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	09-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	5.00 fbg (09-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
2.1		B-37- 2.5			SM		**Silty gravelly SAND:** Moderate brown (5YR 3/4); moist; 15% gravel, 15% silt, 70% fine grained sand; moderate to high estimated permeability. @ 3 fbg: **Silty SAND:** 30% silt, 70% fine grained sand.	4.0	
0		B-37- 5		5	SP		**SAND:** Brownish gray (5YR 4/1); moist; 5% silt, 95% fine grained sand; moderate to high estimated permeability. ▽	5.0	Portland Type I/II
					SM		**Silty SAND with clay:** Moderate brown (5YR 3/4); moist; 5% clay, 15% silt, 70% fine grained sand; low estimated plasticity; moderate to high estimated permeability.	7.0	
0		B-37- 7.5			ML		**Clayey SILT:** Brownish gray (5YR 4/1); 20% clay, 80% silt.	8.0	
					CL		**CLAY with silt:** Black (N1); moist; 5% silt, 95% clay; moderate estimated plasticity; low estimated permeability.	10.5	Bottom of Boring @ 10.5 fbg
0		B-37- 10		10					

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-38
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	09-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	09-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A, Renshaw	**DEPTH TO WATER (First Encountered)**	5.00 fbg (09-May-12)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHALT: Approximately 1 foot thick.	1.0	
766		B-38- 2.5		SM	**Silty SAND with clay:** Moderate brown (5YR 3/4); moist; rust colored mottling; 5% clay, 25% silt, 70% fine grained sand; moderate to high estimated permeability.	4.0	
				SP	**SAND with silt:** Brownish grey (5YR 4/1); moist; 5% silt, 95% fine grained sand; moderate to high estimated permeability. ▽	5.0	
3.3		B-38- 5	5	ML	**Sandy SILT with clay:** Moderate brown (5YR 3/4); wet; 5% clay, 25% fine grained sand, 70% silt; low estimated plasticity; low to moderate estimated permeability.		Portland Type I/II
1.2		B-38- 7.5			@ 7 fbg: **Clayey SILT:** 30% clay, 70% silt.	8.0	
2.2		B-38- 10	10	CL	**CLAY with silt:** Medium dark grey (N4); moist; 10% silt, 90% clay; moderate estimated plasticity; low estimated permeability.	10.5	Bottom of Boring @ 10.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT. SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-39
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	09-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	09-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	4.50 fbg (09-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
0		B-39- 2.5			SM		**Silty gravelly SAND:** Moderate brown (5YR 3/4); moist; 15% silt, 15% gravel, 70% fine grained sand; moderate estimated permeability.		
							@ 3 fbg: **Silty SAND:** 30% silt, 70% fine grained sand.	4.0	Portland Type I/II
					SP		**SAND with silt:** Brownish gray (5YR 4/1); wet; 5% silt, 95% fine grained sand; moderate to high estimated permeability. ▽	5.0	
0		B-39- 5		5			**SAND with silt:** Medium dark gray (N4); wet; 5% silt, 95% fine grained sand; moderate to high estimated permeability.		
		B-39- 6			SM		@ 6.5 fbg: Refusal.	6.5	Bottom of Boring @ 6.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT. SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-40
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	09-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	09-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	8.50 fbg (09-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
					GP		**Sandy GRAVEL:** Medium dark gray (N4); moist; 25% fine to medium grained sand, 75% gravel; moderate to high estimated permeability.	2.0	
1004		B-40- 2.5			SP		**SAND with silt and gravel:** Medium dark grey (N4); moist; 5% gravel, 10% silt, 85% fine grained sand; moderate to high permeability.	5.0	
126		B-40- 5		5	SM		**Silty gravelly SAND:** Moderate brown (5YR 3/4); moist; 15% silt, 15% gravel, 70% fine grained sand; moderate to high estimate permeability.	7.0	Portland Type I/II
31		B-40- 7.5			ML		**Sandy SILT:** Grayish brown (5YR 3/2); moist; 20% fine grained sand, 80% silt; low estimated plasticity; low to moderate estimated permeability. ▽	8.5	
43		B-40- 10		10	CL		**CLAY with silt:** Medium dark gray (N4); wet; organic; 10% silt, 90% clay; moderate estimated plasticity; low estimated permeability.	10.5	Bottom of Boring @ 10.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-41
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	09-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	09-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	9.00 fbg (09-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
					GP		**Sandy GRAVEL:** Medium dark gray (N4); moist; 30% fine to medium grained sand, 70% gravel; high permeability.	2.0	
95		B-41- 2.5			SW		**Gravelly SAND:** Medium dark gray (N4); moist; 25% gravel, 75% fine to medium grained sand; moderate estimated permeability.	3.0	
					CL		**Sandy CLAY:** Moderate brown (5YR 3/4); moist; 30% fine grained sand, 70% clay; moderate estimated plasticity; low estimated permeability.	5.0	
2.4		B-41- 5		5			**Sandy SILT:** Moderate brown (5YR 3/4); moist; 25% fine grained sand, 75% silt; moderate estimated permeability.		Portland Type I/II
0		B-41- 7.5			ML		@ 7 fbg: **SILT with clay and sand:** Brownish gray (5YR 4/1); moist; 10% clay, 10% fine grained sand, 80% silt; low estimated plasticity; low to moderate estimated permeability.	9.0 ▽	
0		B-41- 10		10	CL		**Clay with silt:** Medium dark gray (N4); wet; organic; 5% silt, 95% clay; moderate estimated plasticity; low estimated permeability.	10.5	Bottom of Boring @ 10.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-42
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	09-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	09-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	8.50 fbg (09-May-12)
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
					ASPHALT: Approximately 1 foot thick.	1.0
1448		B-42- 2.5		GP	**Sandy GRAVEL:** Medium dark gray (N4); moist; odor; 30% fine to medium grained sand, 70% gravel; moderate to high estimated permeability.	4.0
				SM	**Silty SAND:** Moderate brown (5YR 3/4); moist; 30% silt, 70% fine grained sand; moderate to high estimated permeability.	5.0
74		B-42- 5	5		**SILT with sand:** Brownish gray (5YR 4/1); moist; 20% sand, 80% silt; low estimated plasticity; low to moderate estimated permeability.	
66.2		B-42- 7.5		ML	@ 7 fbg: **SILT with clay:** Brownish gray (5YR 4/1); moist; 10% clay, 90% silt; low estimated plasticity; low estimated permeability. ▽	9.0
4		B-42- 10	10	CL	**CLAY with silt:** Medium dark gray (N4); wet; organic; 10% silt, 90% clay; moderate estimated plasticity; low estimated permeability.	10.5

WELL DIAGRAM: Portland Type I/II

Bottom of Boring @ 10.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-43
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	10-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	10-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	4.50 fbg (10-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
0.4		B-43- 2.5			SM		**Silty SAND:** Dusky brown (5YR 2/2); moist; 40% silt, 60% fine to medium grained sand; moderate estimated permeability.	4.0	
					SW		**SAND with silt:** Medium dark gray (N4); wet; 10% silt, 90% fine grained sand; moderate to high estimated permeability. ▽	5.0	
0.1		B-43- 5		5			**Sandy SILT:** Grayish brown (5YR 3/2); moist; 40% fine grained sand, 60% silt; moderate estimated permeability.		Portland Type I/II
0.4		B-43- 7.5			ML		@ 7 fbg: Decrease sand.	9.0	
1		B-43- 10		10	CL		**CLAY with silt:** Medium dark gray (N4); moist; organic; 5% silt, 95% clay; moderate estimated plasticity; low estimate permeability.		
0.2		B-43- 12.5						13.0	Bottom of Boring @ 13 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-44
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	10-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	10-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	5.00 fbg (10-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
					GP		**Sandy GRAVEL:** Moderate brown (5YR 3/4); moist; 15% fine to medium grained sand, 85% gravel; high estimated permeability.	2.0	
0.1		B-44- 2.5			SM		**Silty SAND:** Moderate brown (5YR 3/4); moist; 30% silt, 70% fine grained sand; moderate to high estimated permeability.	4.0	
0		B-44- 5		5	SP		**SAND with silt:** Brownish gray (5YR 4/1); moist; 10% silt, 90% fine grained sand; high estimated permeability. ▽ @ 5 fbg: Wet	6.0	
0		B-44- 7.5			SM		**Gravelly silty SAND:** Moderate brown (5YR 3/4); wet; 15% gravel, 30% silt, 55% sand; moderate estimated permeability. @ 7 fbg: Decrease gravel.	8.0	Portland Type I/II
0		B-44- 10		10	CL		**Gravelly CLAY:** Medium dark gray (N4); wet; 30% gravel, 70% clay; low estimated permeability. @ 9 fbg: **CLAY with silt:** 10% silt, 90% clay; moderate estimated plasticity.		
0		B-44- 12.5						13.0	Bottom of Boring @ 13 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-45
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	10-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	10-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	5.00 fbg (10-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
0		B-45- 2.5			SW		**SAND with silt and gravel:** Moderate brown (5YR 3/4); moist; 10% silt, 15% gravel, 75% fine to medium grained sand; moderate to high estimated permeability.	4.0	
0		B-45- 5		5	SC		**Clayey SAND:** Brownish gray (5YR 4/1); moist; 40% clay, 60% fine grained sand; moderate estimated permeability. ▽	5.0	
					SP		**SAND with silt:** Medium dark gray (N4); wet; 10% silt, 90% fine grained sand; moderate to high estimated permeability.	6.0	
0.3		B-45- 7.5			SC		**Clayey SAND with gravel:** Medium dark gray (N4); wet; 10% gravel, 30% clay, 60% fine grained sand; moderate estimated permeability.	8.0	Portland Type I/II
0		B-45- 10		10	CL		**CLAY with silt:** Medium dark gray (N4); wet; organic; 10% silt, 90% clay; moderate estimated plasticity; low estimated permeability.		
0		B-45- 12.5						13.0	Bottom of Boring @ 13 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT. SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

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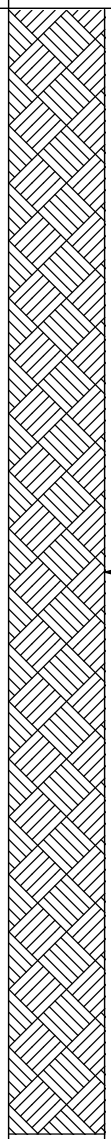
BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-46
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	10-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	10-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	2.50 fbg (10-May-12) ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
				ASPHALT: Approximately 1 foot thick.	1.0
0		B-46- 2.5	SW	**Gravelly SAND with silt:** Light brown (5YR 6/4); moist; 10% silt, 15% gravel, 75% fine to medium grained sand; moderate to high estimated permeability. ▽ @ 2.5 fbg: Wet	4.0
0		B-46- 5	SW	**SAND with silt:** Medium dark gray (N4); wet; 10% silt, 90% fine grained sand; moderate to high permeability.	5.0
			SM	**Silty SAND with gravel:** Brownish gray (5YR 4/1); wet; 15% gravel, 30% silt, 55% fine grained sand; moderate to high estimated permeability.	7.0
0		B-46- 7.5	ML	**SILT with sand:** Brownish grey (5YR 4/1); wet; 10% fine grained sand, 90% silt; low estimated plasticity; low to moderate estimated permeability.	8.0
0		B-46- 10	CL	**CLAY with silt:** Medium dark gray; wet; organic; 5% silt, 95% clay; moderate estimated plasticity; low estimated permeability.	
0		B-46- 12.5			13.0



WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT. SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-47
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	10-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	10-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 Inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
2.4		B-47- 2.5			SP		**SAND with silt:** Dusky brown (5YR 2/2); moist; 10% silt, 90% fine grained sand; moderate to high estimated permeability.	3.0	
					SW		**Gravelly SAND with silt:** Dusky brown (5YR 2/2); moist; 75% fine to medium grained sand, 10% silt, 15% gravel; moderate to high estimated permeability.	5.0	
0.4		B-47- 5		5			**SILT with sand:** Brownish gray (5YR 4/1); moist; 25% fine grained sand, 75% silt; moderate estimated permeability.		Portland Type I/II
0.2		B-47- 7.5			ML				
								9.0	
0		B-47- 10		10	CL		**CLAY with silt:** Black (N1); moist; organic; 5% silt, 95% clay; moderate estimated plasticity; low estimated permeability.	10.5	Bottom of Boring @ 10.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Olympian JV	**BORING/WELL NAME**	B-48
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	10-May-12
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	10-May-12
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vapor Tech, C57#916085	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches	**SCREENED INTERVALS**	NA
LOGGED BY	A. Renshaw	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Utility cleared by air knife assisted vacuum truck and hand auger to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT: Approximately 1 foot thick.	1.0	
					GP		**GRAVEL with sand:** Medium dark gray (N4); moist; 10% sand, 90% poorly graded gravel; moderate to high estimated permeability.	2.0	
47.8		B-48- 2.5			SC		**Clayey SAND with silt:** Dark gray (N3); moist; 10% silt, 30% clay, 60% sand; moderate estimated permeability.	4.0	
					SP		**SAND with silt:** Brownish gray (5YR 4/1); moist; 10% silt, 90% poorly grained sand; moderate to high estimated permeability.	5.0	
1		B-48- 5		5	ML		**Sandy gravelly SILT:** Dusky brown (5YR 2/2); moist; 20% fine grained sand, 30% gravel, 50% silt; moderate estimated permeability.		◄ Portland Type I/II
0.4		B-48- 7.5					@ 7 fbg: **Sandy SILT:** Dusky brown (5YR 2/2); moist; 30% fine grained sand, 70% silt; low to moderate estimated permeability.	9.0	
0.2		B-48- 10		10	CL		**CLAY with silt:** Black (N1); moist; organic; 10% silt, 90% clay; moderate estimated plasticity; low estimated permeability.	10.5	Bottom of Boring @ 10.5 fbg

WELL LOG (PID) I:\IR\6-CHARS\1615--\161558\161558-131 TERMINAL CT, SO SAN FRANCISCO\161558-GINT\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 7/17/12

APPENDIX D

LABORATORY ANALYTICAL REPORTS

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Reported: 05/18/12
Emeryville, CA 94608	Client P.O.:	Date Completed: 05/18/12

WorkOrder: 1205353

May 18, 2012

Dear Dan:

Enclosed within are:

1) The results of the **95** analyzed samples from your project: **#161558; 131 Terminal Court, South San Francisco**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1205353

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602/8020 + 8015)/MTBE	Analysis Request: TPH as Diesel (8015) w/ Silica gel	Analysis Request: Total Petroleum Oil & Grease (5520 E&F/B&F)	Analysis Request: Total Petroleum Hydrocarbons (418.1)	Analysis Request: EPA 601 / 8010 / 8021	Analysis Request: BTEX ONLY (EPA 602 / 8020)	Analysis Request: EPA 608 / 8081	Analysis Request: EPA 608 / 8082 PCB's ONLY	Analysis Request: EPA 8140 / 8141	Analysis Request: EPA 8150 / 8151	Analysis Request: EPA 524.2 / 624 / 8260	Analysis Request: EPA 525 / 625 / 8270	Analysis Request: PAH's / PNA's by EPA 625 / 8270SIM / 8310	Analysis Request: CAM-17 Metals (6010 / 6020)	Analysis Request: LUFT 5 Metals (6010 / 6020)	Analysis Request: Lead (200.8 / 200.9 / 6010)	Other	Comments
B-26-2.5	B26	5/1/12	900	1			X				X				X	X																Filter Samples for Metals analysis: Yes / No
B-26-5	B26	5/1/12	1253	1																												
B-26-7.5	B26	5/1/12	1302	1																												
B-26-10	B26	5/1/12	1257	1																												
B-27-2.5	B27	5/1/12	945	1																												
B-27-5	B27	5/1/12	1331	1																												
B-27-7.5	B27	5/1/12	1333	1																												
B-27-10	B27	5/1/12	1336	1																												
B-27-13	B27	5/1/12	1342	1																												

	Date:	Time:	Received By:
Relinquished By:	5/1/12	1040	SECURE LOCATION
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date: 5/11/12	Time: 1300	Received By:

ICE/t: 0.7
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS:
Email results to: dglaze@craworld.com and rscheele@craworld.com

1/9

PRESERVATION	VOAS	O&G	METALS pH<2	OTHER

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required (circle one)? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602/8020 + 8015)/MTBE	Analysis Request: TPH as Diesel (8015) w/ silica gel	Analysis Request: Total Petroleum Oil & Grease (5520 E&F/B&F)	Analysis Request: Total Petroleum Hydrocarbons (418.1)	Analysis Request: EPA 601 / 8010 / 8021	Analysis Request: BTEX ONLY (EPA 602 / 8020)	Analysis Request: EPA 608 / 8081	Analysis Request: EPA 608 / 8082 PCB's ONLY	Analysis Request: EPA 8140 / 8141	Analysis Request: EPA 8150 / 8151	Analysis Request: EPA 5242 / 624 / 8260	Analysis Request: EPA 525 / 625 / 8270	Analysis Request: PAH's / PNA's by EPA 625 / 8270SIM / 8310	Analysis Request: CAM-17 Metals (6010 / 6020)	Analysis Request: LUFT 5 Metals (6010 / 6020)	Analysis Request: Lead (200.8 / 200.9 / 6010)	Other	Comments
B-28-2.5	B28	5/7/12	1007	1	S		X				X				X	X															Filter Samples for Metals analysis: Yes / No
B-28-5	B28	5/7/12	1410	1	S																										
B-28-7.5	B28	5/7/12	1412	1	S																										
B-28-10	B28	5/7/12	1414	1	S																										
B-29-2.5	B29	5/7/12	1036	1	S																										
B-29-5.5	B29	5/7/12	1459	1	S																										
B-30-2.5	B30	5/7/12	1042	1	S																										
B-30-5	B30	5/7/12	1515	1	S																										
B-30-7.5	B30	5/7/12	1517	1	S																										
B-30-10	B30	5/7/12	1520	1	S																										
B-30-12.5	B30	5/7/12	1529	1	S																										
					AZ																										

Relinquished By:	Date:	Time:	Received By:
	5/11/12	1050	SECURE LOCATION
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date: 5/11/12	Time: 1300	Received By:

ICE/t° _____ COMMENTS:
GOOD CONDITION _____ Email results to: dglaze@craworld.com and rschecle@craworld.com
HEAD SPACE ABSENT _____
DECHLORINATED IN LAB _____
APPROPRIATE CONTAINERS _____
PRESERVED IN LAB _____

2/9

PRESERVATION	VOAS	O&G	METALS pH<2	OTHER

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
B33-2.5	B33	5/8/12	950	1	Sleeve		X				X			
B33-5	B33		957	1			X							
B33-7.5	B33		1040	1			X							
B33-10	B33		1043	1			X							
B35-2.5	B35		1405	1			X							
B35-5	B35		1425	1			X							
B35-7.5	B35		1426	1			X							
B35-10	B35		1430	1			X							
B36-2.5	B36		1345	1			X							
B36-5	B36		1444	1			X							
B36-7.5	B36		1445	1			X							
B36-10	B36		1447	1			X							

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ Silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Comments
X	X																Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	5/11/12	1050	SECURE LOCATION
	5/11/12	1105	
	5/11/12	1300	

ICE/t° _____ COMMENTS:
GOOD CONDITION _____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT _____
DECHLORINATED IN LAB _____
APPROPRIATE CONTAINERS _____
PRESERVED IN LAB _____

3 of 9

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ Silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Comments
B34 - 2.5	B34	5/8/12	847	1	T		X				X				X	X																Filter Samples for Metals analysis: Yes / No
B34 - 5	B34	5/8/12	1126	1			X																									
B34 - 7.5	B34	5/8/12	1128	1			X																									
B34 - 10	B34	5/8/12	1130	1			X																									
B32 - 2.5	B32	5/8/12	905	1			X																									
B32 - 5	B32	5/8/12	915	1	Sleeve		X																									
B32 - 7.5	B32	5/8/12	1110	1			X																									
B32 - 10	B32	5/8/12	1113	1			X																									
B31 - 2.5	B31	5/8/12	746	1			X																									
B31 - 5	B31	5/8/12	1015	1			X																									
B31 - 7.5	B31	5/8/12	1018	1			X																									
B31 - 10	B31	5/8/12	1019	1			X																									

Relinquished By:	Date:	Time:	Received By:
	5/11/12	1050	SECURE LOCATION
	5/11/12	1105	
	5/11/12	1500	

ICE/t°_____ COMMENTS:
GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

4 of 9

PRESERVATION	VOAS	O&G	METALS pH<2	OTHER

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
B37-2.5	B37	5/9/12	745	1			X				X			
B37-5	B37		825	1										
B37-7.5	B37		826	1										
B37-10	B37		8:30	1										
B38-2.5	B38		808	1										
B38-5	B38		840	1										
B38-7.5	B38		841	1										
B38-10	B38		845	1										
B39-2.5	B39		717	1			X							
~~B39-5.0~~				+										
B39-5	B39		914	1			X							
B39-6	B39		916	1			X							

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ Silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)
X	X														

Other | Comments

Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	5/11/12	1059	SEE WORK LOCATION
	5/11/12	1105	
	5/11/12	1300	

ICE/t°_____ COMMENTS:
GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

5 of 9

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ Silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Comments
B42-2.5	B42	5/9/12	1055	1	Sleeve		X				X				X	X																
B42-5	B42		1333	1																												
B42-7.5	B42		1334	1																												
B42-10	B42		1338	1																												
B41-2.5	B41		1147	1																												
B41-5	B41		1310	1																												
B41-7.5	B41		1311	1																												
B41-10	B41		1315	1																												
B40-2.5	B40		1127	1																												
B40-5	B40		1246	1																												
B40-7.5	B40		1240	1																												
B40-10	B40		1254	1																												

Relinquished By:	Date:	Time:	Received By:
	5/11/12	1050	SECURE LOCATION
Relinquished By:	Date: 5/11/12	Time: 1108	Received By:
Relinquished By:	Date: 5/11/12	Time: 1309	Received By:

ICE/t° _____ COMMENTS:
GOOD CONDITION _____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT _____
DECHLORINATED IN LAB _____
APPROPRIATE CONTAINERS _____
PRESERVED IN LAB _____

6 of 9

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Comments
B47-2.5	B47	5/10/12	1308	1	T		X				X				X	X																Filter Samples for Metals analysis: Yes / No
B47-5	B47		1345	1																												
B47-7.5	B47		1346	1																												
B47-10	B47		1347	1																												
B48-2.5	B48		1250	1																												
B48-5	B48		1330	1																												
B48-7.5	B48		1331	1																												
B48-10	B48		1332	1																												

T sleeve

Relinquished By:	Date:	Time:	Received By:
	5/11/12	1050	SECURE LOCATION
	5/11/12	1105	
	5/11/12	1300	

ICE/t°_____ COMMENTS:
GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

7 of 9

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
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CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ Silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Comments
B46-2.5	B46	5/10/12	905	1	T		X				X				X	X																Filter Samples for Metals analysis: Yes / No
B46-5	B46		1004	1																												
B46-7.5	B46		1010	1																												
B46-10	B46		1017	1																												
B46-12.5	B46		1018	1																												
B45-2.5	B45		931	1	T Sleeve																											
B45-5	B45		947	1																												
B45-7.5	B45		948	1																												
B45-10	B45		955	1																												
B45-12.5	B45		956	1																												

Relinquished By:	Date:	Time:	Received By:
	5/11/12	1050	SECURE LOCATION
Relinquished By:	Date:	Time:	Received By:
	5/11/12	1105	
Relinquished By:	Date:	Time:	Received By:
	5/11/12	1300	

ICE/t°_____ COMMENTS:
GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

8.09

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
B43-2.5	B43	5/10/12	719	1	4		X				X			
B43-5	B43		735	1										
B43-7.5	B43		736	1										
B43-10	B43		737	1										
B43-12.5	B43		744	1										
B44-2.5	B44		703	1	1 Sleeve									
B44-5	B44		805	1										
B44-7.5	B44		806	1										
B44-10	B44		815	1										
B44-12.5	B44		816	1										

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ Silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)
X	X														
X	X														

Other

Comments: Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	5/11/12	1054	SECURE LOCATION
	5/11/12	1105	
	5/11/12	1500	

ICE/t°_____ COMMENTS:
GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

9-f9-

PRESERVATION	VOAS	O&G	METALS	OTHER
			pH<2	

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **05/11/2012**
Date Printed: **05/11/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205353-001	B-26-2.5	Soil	5/7/2012 9:00	☐	A	A	A									
1205353-002	B-26-5	Soil	5/7/2012 12:53	☐	A		A									
1205353-003	B-26-7.5	Soil	5/7/2012 13:02	☐	A		A									
1205353-004	B-26-10	Soil	5/7/2012 12:55	☐	A		A									
1205353-005	B-27-2.5	Soil	5/7/2012 9:45	☐	A		A									
1205353-006	B-27-5	Soil	5/7/2012 13:31	☐	A		A									
1205353-007	B-27-7.5	Soil	5/7/2012 13:33	☐	A		A									
1205353-008	B-27-10	Soil	5/7/2012 13:36	☐	A		A									
1205353-009	B-27-13	Soil	5/7/2012 13:42	☐	A		A									
1205353-010	B-28-2.5	Soil	5/7/2012 10:07	☐	A		A									
1205353-011	B-28-5	Soil	5/7/2012 14:10	☐	A		A									
1205353-012	B-28-7.5	Soil	5/7/2012 14:12	☐	A		A									
1205353-013	B-28-10	Soil	5/7/2012 14:14	☐	A		A									
1205353-014	B-29-2.5	Soil	5/7/2012 10:36	☐	A		A									

Test Legend:

1	G-MBTEX_S	2	PREDF REPORT	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **05/11/2012**
Date Printed: **05/11/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1205353-015	B-29-5.5	Soil	5/7/2012 14:59	☐	A		A									
1205353-016	B-30-2.5	Soil	5/7/2012 10:42	☐	A		A									
1205353-017	B-30-5	Soil	5/7/2012 15:15	☐	A		A									
1205353-018	B-30-7.5	Soil	5/7/2012 15:17	☐	A		A									
1205353-019	B-30-10	Soil	5/7/2012 15:20	☐	A		A									
1205353-020	B-30-12.5	Soil	5/7/2012 15:29	☐	A		A									
1205353-021	B33-2.5	Soil	5/8/2012 9:50	☐	A		A									
1205353-022	B33-5	Soil	5/8/2012 9:57	☐	A		A									
1205353-023	B33-7.5	Soil	5/8/2012 10:40	☐	A		A									
1205353-024	B33-10	Soil	5/8/2012 10:43	☐	A		A									
1205353-025	B35-2.5	Soil	5/8/2012 14:05	☐	A		A									
1205353-026	B35-5	Soil	5/8/2012 14:25	☐	A		A									
1205353-027	B35-7.5	Soil	5/8/2012 14:26	☐	A		A									
1205353-028	B35-10	Soil	5/8/2012 14:30	☐	A		A									

Test Legend:

1	G-MBTEX_S	2	PREDF REPORT	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
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McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **05/11/2012**
Date Printed: **05/11/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205353-029	B36-2.5	Soil	5/8/2012 13:45	☐	A		A									
1205353-030	B36-5	Soil	5/8/2012 14:44	☐	A		A									
1205353-031	B36-7.5	Soil	5/8/2012 14:45	☐	A		A									
1205353-032	B36-10	Soil	5/8/2012 14:47	☐	A		A									
1205353-033	B34-2.5	Soil	5/8/2012 8:47	☐	A		A									
1205353-034	B34-5	Soil	5/8/2012 11:26	☐	A		A									
1205353-035	B34-7.5	Soil	5/8/2012 11:28	☐	A		A									
1205353-036	B34-10	Soil	5/8/2012 11:30	☐	A		A									
1205353-037	B32-2.5	Soil	5/8/2012 9:05	☐	A		A									
1205353-038	B32-5	Soil	5/8/2012 9:15	☐	A		A									
1205353-039	B32-7.5	Soil	5/8/2012 11:10	☐	A		A									
1205353-040	B32-10	Soil	5/8/2012 11:13	☐	A		A									
1205353-041	B31-2.5	Soil	5/8/2012 7:46	☐	A		A									
1205353-042	B31-5	Soil	5/8/2012 10:15	☐	A		A									

Test Legend:

1	G-MBTEX_S	2	PREDF REPORT	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
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McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
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Accounts Payable
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Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **05/11/2012**
Date Printed: **05/11/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205353-043	B31-7.5	Soil	5/8/2012 10:18	☐	A		A									
1205353-044	B31-10	Soil	5/8/2012 10:19	☐	A		A									
1205353-045	B37-2.5	Soil	5/9/2012 7:45	☐	A		A									
1205353-046	B37-5	Soil	5/9/2012 8:25	☐	A		A									
1205353-047	B37-7.5	Soil	5/9/2012 8:26	☐	A		A									
1205353-048	B37-10	Soil	5/9/2012 8:30	☐	A		A									
1205353-049	B38-2.5	Soil	5/9/2012 8:08	☐	A		A									
1205353-050	B38-5	Soil	5/9/2012 8:40	☐	A		A									
1205353-051	B38-7.5	Soil	5/9/2012 8:41	☐	A		A									
1205353-052	B38-10	Soil	5/9/2012 8:45	☐	A		A									
1205353-053	B39-2.5	Soil	5/9/2012 7:17	☐	A		A									
1205353-054	B39-5	Soil	5/9/2012 9:19	☐	A		A									
1205353-055	B39-6	Soil	5/9/2012 9:16	☐	A		A									
1205353-056	B42-2.5	Soil	5/9/2012 10:55	☐	A		A									

Test Legend:

1	G-MBTEX_S	2	PREDF REPORT	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

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1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

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Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

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Accounts Payable
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5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **05/11/2012**
Date Printed: **05/11/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205353-057	B42-5	Soil	5/9/2012 13:33	☐	A		A									
1205353-058	B42-7.5	Soil	5/9/2012 13:34	☐	A		A									
1205353-059	B42-10	Soil	5/9/2012 13:38	☐	A		A									
1205353-060	B41-2.5	Soil	5/9/2012 11:47	☐	A		A									
1205353-061	B41-5	Soil	5/9/2012 13:10	☐	A		A									
1205353-062	B41-7.5	Soil	5/9/2012 13:11	☐	A		A									
1205353-063	B41-10	Soil	5/9/2012 13:15	☐	A		A									
1205353-064	B40-2.5	Soil	5/9/2012 11:27	☐	A		A									
1205353-065	B40-5	Soil	5/9/2012 12:46	☐	A		A									
1205353-066	B40-7.5	Soil	5/9/2012 12:48	☐	A		A									
1205353-067	B40-10	Soil	5/9/2012 12:54	☐	A		A									
1205353-068	B47-2.5	Soil	5/10/2012 13:08	☐	A		A									
1205353-069	B47-5	Soil	5/10/2012 13:45	☐	A		A									
1205353-070	B47-7.5	Soil	5/10/2012 13:46	☐	A		A									

Test Legend:

1	G-MBTEX_S	2	PREDF REPORT	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **05/11/2012**
Date Printed: **05/11/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205353-071	B47-10	Soil	5/10/2012 13:47	☐	A		A									
1205353-072	B48-2.5	Soil	5/10/2012 12:50	☐	A		A									
1205353-073	B48-5	Soil	5/10/2012 13:30	☐	A		A									
1205353-074	B48-7.5	Soil	5/10/2012 13:31	☐	A		A									
1205353-075	B48-10	Soil	5/10/2012 13:32	☐	A		A									
1205353-076	B46-2.5	Soil	5/10/2012 9:05	☐	A		A									
1205353-077	B46-5	Soil	5/10/2012 10:09	☐	A		A									
1205353-078	B46-7.5	Soil	5/10/2012 10:10	☐	A		A									
1205353-079	B46-10	Soil	5/10/2012 10:17	☐	A		A									
1205353-080	B46-12.5	Soil	5/10/2012 10:18	☐	A		A									
1205353-081	B45-2.5	Soil	5/10/2012 9:31	☐	A		A									
1205353-082	B45-5	Soil	5/10/2012 9:47	☐	A		A									
1205353-083	B45-7.5	Soil	5/10/2012 9:48	☐	A		A									
1205353-084	B45-10	Soil	5/10/2012 9:55	☐	A		A									

Test Legend:

1	G-MBTEX_S	2	PREDF REPORT	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

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1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **05/11/2012**
Date Printed: **05/11/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205353-085	B45-12.5	Soil	5/10/2012 9:56	☐	A		A									
1205353-086	B43-2.5	Soil	5/10/2012 7:19	☐	A		A									
1205353-087	B43-5	Soil	5/10/2012 7:35	☐	A		A									
1205353-088	B43-7.5	Soil	5/10/2012 7:36	☐	A		A									
1205353-089	B43-10	Soil	5/10/2012 7:37	☐	A		A									
1205353-090	B43-12.5	Soil	5/10/2012 7:44	☐	A		A									
1205353-091	B44-2.5	Soil	5/10/2012 7:03	☐	A		A									
1205353-092	B44-5	Soil	5/10/2012 8:05	☐	A		A									
1205353-093	B44-7.5	Soil	5/10/2012 8:00	☐	A		A									
1205353-094	B44-10	Soil	5/10/2012 8:15	☐	A		A									
1205353-095	B44-12.5	Soil	5/10/2012 8:16	☐	A		A									

Test Legend:

1	G-MBTEX_S	2	PREDF REPORT	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates** Date and Time Received: **5/11/2012 2:34:39 PM**

Project Name: **#161558; 131 Terminal Court, South San Francisco, CA** LogIn Reviewed by: Maria Venegas

WorkOrder N°: **1205353** Matrix: Soil Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 0.7°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Extracted: 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/12/12-05/18/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1205353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	B-26-2.5	S	1600	ND<5.0	3.4	1.1	20	63	100	---#	d2,d9
002A	B-26-5	S	5000	ND<25	56	220	80	410	500	---#	d1
003A	B-26-7.5	S	ND	ND	0.097	0.031	0.010	0.049	1	104	
004A	B-26-10	S	1.4	ND	0.14	0.032	0.012	0.054	1	80	d1
005A	B-27-2.5	S	110	ND<0.17	0.48	0.10	1.2	0.51	3.3	---#	d7,d1
006A	B-27-5	S	17	ND	0.16	0.076	0.27	0.51	1	82	d7,d1
007A	B-27-7.5	S	ND	ND	0.0065	ND	0.0055	105	1	118	
008A	B-27-10	S	2.7	ND	0.34	0.012	0.11	0.068	1	88	d1
009A	B-27-13	S	ND	ND	ND	ND	ND	ND	1	98	
010A	B-28-2.5	S	30	ND<0.10	0.80	0.038	1.3	1.1	2	109	d1
011A	B-28-5	S	180	ND<1.0	0.38	2.6	1.9	11	20	---#	d2,d9
012A	B-28-7.5	S	18	ND<0.10	0.15	0.33	0.19	0.99	2	94	d1
013A	B-28-10	S	2.2	ND	0.26	0.074	0.025	0.12	1	85	d1
014A	B-29-2.5	S	45	ND<1.0	5.5	0.27	1.4	2.7	20	127	d1
015A	B-29-5.5	S	250	ND<1.0	1.4	6.8	3.0	16	20	122	d1
016A	B-30-2.5	S	ND	ND	ND	ND	ND	ND	1	112	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d1) weakly modified or unmodified gasoline is significant
d2) heavier gasoline range compounds are significant (aged gasoline?)
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Extracted: 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/12/12-05/18/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1205353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
017A	B-30-5	S	45	ND<0.50	0.18	0.76	0.89	3.5	10	113	d2
018A	B-30-7.5	S	85	ND<1.0	0.18	0.83	0.48	1.8	20	130	d2,d9
019A	B-30-10	S	32	ND<0.50	0.14	1.5	0.70	4.0	10	---#	d2
020A	B-30-12.5	S	5.9	ND	0.038	0.23	0.096	0.52	1	82	d1
021A	B33-2.5	S	ND	ND	ND	ND	ND	ND	1	112	
022A	B33-5	S	18	ND<0.17	0.29	1.1	0.38	2.0	3.3	104	d1
023A	B33-7.5	S	1.8	ND	0.36	0.052	0.016	0.099	1	100	d1
024A	B33-10	S	ND	ND	0.022	0.030	0.010	0.057	1	88	
025A	B35-2.5	S	1700	ND<5.0	6.3	3.2	22	80	100	---#	d1
026A	B35-5	S	11	0.086	0.81	1.1	0.28	0.99	1	101	d1
027A	B35-7.5	S	1.5	ND	0.26	0.010	0.012	0.044	1	110	d1
028A	B35-10	S	ND	ND	0.14	ND	ND	0.011	1	83	
029A	B36-2.5	S	ND	ND	ND	ND	ND	ND	1	115	
030A	B36-5	S	ND	ND	ND	ND	ND	ND	1	99	
031A	B36-7.5	S	ND	ND	ND	ND	ND	ND	1	102	
032A	B36-10	S	ND	ND	ND	ND	ND	0.0090	1	99	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Extracted: 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/12/12-05/18/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1205353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
033A	B34-2.5	S	ND	ND	0.020	ND	0.022	0.019	1	106	
034A	B34-5	S	13	ND	0.66	0.48	0.38	1.6	1	102	d1
035A	B34-7.5	S	ND	ND	ND	ND	ND	ND	1	110	
036A	B34-10	S	ND	ND	0.021	ND	ND	0.015	1	98	
037A	B32-2.5	S	4.8	ND	0.071	0.0060	0.077	0.15	1	109	d1
038A	B32-5	S	100	ND<1.0	1.7	5.1	1.4	6.3	20	---#	d1
039A	B32-7.5	S	4.4	ND	0.036	0.035	0.020	0.12	1	97	d1
040A	B32-10	S	3.5	ND	0.094	0.18	0.069	0.35	1	80	d1
041A	B31-2.5	S	53	ND<1.0	0.54	0.11	2.4	2.9	20	119	d1
042A	B31-5	S	3.5	ND	0.34	0.077	0.12	0.66	1	103	d1
043A	B31-7.5	S	1500	ND<17	4.5	ND<1.7	29	160	330	---#	d2
044A	B31-10	S	ND	ND	0.11	0.030	0.010	0.049	1	95	
045A	B37-2.5	S	ND	ND	ND	ND	ND	ND	1	111	
046A	B37-5	S	ND	ND	ND	ND	ND	ND	1	112	
047A	B37-7.5	S	ND	ND	ND	ND	ND	ND	1	106	
048A	B37-10	S	ND	ND	ND	ND	ND	ND	1	82	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Extracted: 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/12/12-05/18/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1205353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
049A	B38-2.5	S	14	ND	ND	0.018	ND	0.024	1	102	d7,d9
050A	B38-5	S	ND	0.14	ND	ND	ND	ND	1	109	
051A	B38-7.5	S	ND	ND	ND	ND	ND	ND	1	98	
052A	B38-10	S	ND	0.093	ND	ND	ND	ND	1	102	
053A	B39-2.5	S	ND	ND	ND	ND	ND	ND	1	117	
054A	B39-5	S	ND	ND	ND	ND	ND	ND	1	112	
055A	B39-6	S	ND	ND	ND	ND	ND	ND	1	90	
056A	B42-2.5	S	490	ND<1.0	1.4	0.74	13	4.0	20	---#	d7,d1
057A	B42-5	S	120	ND<0.25	0.14	0.076	2.0	1.9	5	109	d7,d9
058A	B42-7.5	S	12	ND	0.060	0.018	0.20	0.19	1	101	d1
059A	B42-10	S	1.1	ND	0.014	ND	0.025	0.023	1	90	d1
060A	B41-2.5	S	6.1	ND	0.048	0.0074	0.060	0.20	1	89	d1
061A	B41-5	S	2.3	ND	0.096	0.0089	0.012	0.033	1	113	d1
062A	B41-7.5	S	ND	ND	ND	ND	ND	ND	1	102	
063A	B41-10	S	ND	ND	ND	ND	ND	ND	1	100	
064A	B40-2.5	S	73	ND<1.0	0.17	0.19	0.62	2.9	20	92	d2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d1) weakly modified or unmodified gasoline is significant
d2) heavier gasoline range compounds are significant (aged gasoline?)
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Extracted: 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/12/12-05/18/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1205353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
065A	B40-5	S	340	ND<1.0	0.45	11	6.3	33	20	---#	d2,d9
066A	B40-7.5	S	8.4	ND	0.050	0.076	0.064	0.39	1	106	d1
067A	B40-10	S	10	ND	0.10	0.28	0.18	0.96	1	86	d1
068A	B47-2.5	S	ND	ND	ND	ND	ND	ND	1	94	
069A	B47-5	S	ND	ND	0.16	0.010	ND	ND	1	116	
070A	B47-7.5	S	ND	ND	ND	ND	ND	ND	1	102	
071A	B47-10	S	ND	ND	ND	ND	ND	ND	1	95	
072A	B48-2.5	S	170	ND<1.0	ND<0.10	0.94	0.24	0.68	20	---#	d7,d9
073A	B48-5	S	ND	ND	ND	ND	ND	ND	1	113	
074A	B48-7.5	S	ND	ND	ND	ND	ND	ND	1	112	
075A	B48-10	S	ND	ND	ND	ND	ND	ND	1	99	
076A	B46-2.5	S	ND	ND	ND	ND	ND	ND	1	115	
077A	B46-5	S	ND	ND	ND	ND	ND	ND	1	108	
078A	B46-7.5	S	ND	ND	ND	ND	ND	ND	1	110	
079A	B46-10	S	ND	ND	ND	ND	ND	ND	1	89	
080A	B46-12.5	S	ND	ND	ND	ND	ND	ND	1	87	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d1) weakly modified or unmodified gasoline is significant
d2) heavier gasoline range compounds are significant (aged gasoline?)
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Extracted: 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/12/12-05/18/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1205353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
081A	B45-2.5	S	ND	ND	ND	ND	ND	ND	1	110	
082A	B45-5	S	ND	ND	ND	ND	ND	ND	1	104	
083A	B45-7.5	S	ND	ND	ND	ND	ND	ND	1	100	
084A	B45-10	S	ND	ND	ND	ND	ND	ND	1	92	
085A	B45-12.5	S	ND	ND	ND	ND	ND	ND	1	85	
086A	B43-2.5	S	ND	ND	ND	ND	ND	ND	1	123	
087A	B43-5	S	ND	ND	ND	ND	ND	ND	1	110	
088A	B43-7.5	S	ND	ND	0.0052	ND	ND	0.014	1	112	
089A	B43-10	S	ND	0.23	ND	ND	ND	ND	1	102	
090A	B43-12.5	S	ND	0.063	ND	ND	ND	ND	1	82	
091A	B44-2.5	S	ND	ND	ND	ND	ND	ND	1	108	
092A	B44-5	S	ND	ND	ND	ND	ND	ND	1	107	
093A	B44-7.5	S	2.0	ND	0.029	0.013	0.024	0.17	1	111	d1
094A	B44-10	S	ND	ND	ND	ND	ND	ND	1	98	
095A	B44-12.5	S	ND	ND	ND	ND	ND	ND	1	85	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d1) weakly modified or unmodified gasoline is significant
d2) heavier gasoline range compounds are significant (aged gasoline?)
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/11/12-05/15/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205353

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205353-001A	B-26-2.5	S	1100	1	130	e4,e1
1205353-002A	B-26-5	S	1400	1	104	e4,e1
1205353-003A	B-26-7.5	S	1.4	1	110	e2
1205353-004A	B-26-10	S	ND	1	90	
1205353-005A	B-27-2.5	S	110	1	95	e4,e1
1205353-006A	B-27-5	S	8.3	1	93	e4,e1
1205353-007A	B-27-7.5	S	ND	1	90	
1205353-008A	B-27-10	S	ND	1	93	
1205353-009A	B-27-13	S	ND	1	91	
1205353-010A	B-28-2.5	S	27	1	100	e4,e1
1205353-011A	B-28-5	S	300	1	108	e4,e1
1205353-012A	B-28-7.5	S	5.9	1	106	e4,e2
1205353-013A	B-28-10	S	ND	1	94	
1205353-014A	B-29-2.5	S	51	1	96	e4,e2,e7
1205353-015A	B-29-5.5	S	39	1	103	e4,e7,e2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant
e8) kerosene/kerosene range/jet fuel range

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/11/12-05/15/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205353

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205353-016A	B-30-2.5	S	ND	1	100	
1205353-017A	B-30-5	S	27	1	107	e4,e2
1205353-018A	B-30-7.5	S	58	1	98	e8,e2
1205353-019A	B-30-10	S	6.5	1	91	e4
1205353-020A	B-30-12.5	S	ND	1	92	
1205353-021A	B33-2.5	S	ND	1	102	
1205353-022A	B33-5	S	28	1	78	e4,e2
1205353-023A	B33-7.5	S	2.6	1	106	e2
1205353-024A	B33-10	S	ND	1	91	
1205353-025A	B35-2.5	S	1700	1	98	e4,e1
1205353-026A	B35-5	S	130	1	123	e7,e2
1205353-027A	B35-7.5	S	330	1	119	e7,e2
1205353-028A	B35-10	S	ND	1	92	
1205353-029A	B36-2.5	S	8.7	1	104	e1
1205353-030A	B36-5	S	4.8	1	106	e7,e2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant
e8) kerosene/kerosene range/jet fuel range

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/11/12-05/15/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205353

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205353-031A	B36-7.5	S	14	1	106	e7,e2
1205353-032A	B36-10	S	ND	1	93	
1205353-033A	B34-2.5	S	ND	1	94	
1205353-034A	B34-5	S	13	1	101	e7,e2
1205353-035A	B34-7.5	S	1.2	1	100	e2
1205353-036A	B34-10	S	ND	1	96	
1205353-037A	B32-2.5	S	18	1	98	e1
1205353-038A	B32-5	S	120	1	104	e1,e4
1205353-039A	B32-7.5	S	4.1	1	105	e4,e2
1205353-040A	B32-10	S	ND	1	90	
1205353-041A	B31-2.5	S	97	1	108	e4,e1
1205353-042A	B31-5	S	1.9	1	109	e4,e2
1205353-043A	B31-7.5	S	870	1	105	e4,e2
1205353-044A	B31-10	S	2.0	1	105	e2
1205353-045A	B37-2.5	S	1.9	1	102	e2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant
e8) kerosene/kerosene range/jet fuel range

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/11/12-05/15/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205353

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205353-046A	B37-5	S	3.2	1	99	e7,e2
1205353-047A	B37-7.5	S	5.7	1	110	e7,e2
1205353-048A	B37-10	S	ND	1	93	
1205353-049A	B38-2.5	S	360	1	107	e1
1205353-050A	B38-5	S	2.8	1	99	e7,e2
1205353-051A	B38-7.5	S	ND	1	93	
1205353-052A	B38-10	S	ND	1	91	
1205353-053A	B39-2.5	S	2.2	1	103	e7,e2
1205353-054A	B39-5	S	ND	1	101	
1205353-055A	B39-6	S	18	1	125	e7,e2
1205353-056A	B42-2.5	S	1100	1	104	e4,e1
1205353-057A	B42-5	S	58	1	101	e4,e1
1205353-058A	B42-7.5	S	2.4	1	96	e4,e2
1205353-059A	B42-10	S	ND	1	93	
1205353-060A	B41-2.5	S	27	1	102	e4,e2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

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The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
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e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant
e8) kerosene/kerosene range/jet fuel range

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Extracted 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/11/12-05/15/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205353

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205353-061A	B41-5	S	3.7	1	100	e7,e4,e2
1205353-062A	B41-7.5	S	ND	1	97	
1205353-063A	B41-10	S	ND	1	92	
1205353-064A	B40-2.5	S	46	1	108	e7,e2
1205353-065A	B40-5	S	95	1	105	e4,e1
1205353-066A	B40-7.5	S	3.8	1	104	e4,e2
1205353-067A	B40-10	S	5.5	1	107	e4
1205353-068A	B47-2.5	S	1.7	1	106	e7,e2
1205353-069A	B47-5	S	ND	1	98	
1205353-070A	B47-7.5	S	3.8	1	103	e7,e2
1205353-071A	B47-10	S	ND	1	89	
1205353-072A	B48-2.5	S	380	1	108	e4,e1
1205353-073A	B48-5	S	4.1	1	107	e7,e2
1205353-074A	B48-7.5	S	1.1	1	104	e2
1205353-075A	B48-10	S	ND	1	93	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

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e4) gasoline range compounds are significant.
e7) oil range compounds are significant
e8) kerosene/kerosene range/jet fuel range

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5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/11/12-05/15/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205353

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205353-076A	B46-2.5	S	ND	1	104	
1205353-077A	B46-5	S	1.7	1	102	e2
1205353-078A	B46-7.5	S	3.9	1	102	e7,e2
1205353-079A	B46-10	S	ND	1	90	
1205353-080A	B46-12.5	S	ND	1	90	
1205353-081A	B45-2.5	S	ND	1	100	
1205353-082A	B45-5	S	1.3	1	100	e7,e2
1205353-083A	B45-7.5	S	2.1	1	109	e2
1205353-084A	B45-10	S	ND	1	92	
1205353-085A	B45-12.5	S	ND	1	96	
1205353-086A	B43-2.5	S	2.6	1	99	e2
1205353-087A	B43-5	S	1.7	1	106	e2
1205353-088A	B43-7.5	S	ND	1	92	
1205353-089A	B43-10	S	ND	1	88	
1205353-090A	B43-12.5	S	ND	1	91	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12-05/10/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/11/12-05/15/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205353

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205353-091A	B44-2.5	S	2.5	1	97	e7,e2
1205353-092A	B44-5	S	ND	1	103	
1205353-093A	B44-7.5	S	3.7	1	90	e1
1205353-094A	B44-10	S	ND	1	97	
1205353-095A	B44-12.5	S	ND	1	91	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67428 | WorkOrder: 1205353

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1205275-014A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	110	112	1.87	125	70 - 130	20	70 - 130
MTBE	ND	0.10	104	103	0.910	98.7	70 - 130	20	70 - 130
Benzene	ND	0.10	107	105	2.07	107	70 - 130	20	70 - 130
Toluene	ND	0.10	110	108	1.29	113	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	110	109	1.65	110	70 - 130	20	70 - 130
Xylenes	ND	0.30	112	110	1.62	116	70 - 130	20	70 - 130
%SS:	114	0.10	97	96	1.45	123	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67428 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-095A	05/10/12 8:16 AM	05/11/12	05/15/12 2:44 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67472 | WorkOrder: 1205353

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1205330-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	97	91.7	5.57	95.6	70 - 130	20	70 - 130
MTBE	ND	0.10	104	96	8.41	119	70 - 130	20	70 - 130
Benzene	ND	0.10	88.5	85.1	3.92	89.5	70 - 130	20	70 - 130
Toluene	ND	0.10	85.7	83.2	2.91	88.9	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	90.6	86.5	4.65	92	70 - 130	20	70 - 130
Xylenes	ND	0.30	93.8	89.7	4.47	96.1	70 - 130	20	70 - 130
%SS:	106	0.10	76	85	10.6	79	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67472 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-085A	05/10/12 9:56 AM	05/11/12	05/16/12 2:47 AM	1205353-086A	05/10/12 7:19 AM	05/11/12	05/15/12 5:32 AM
1205353-087A	05/10/12 7:35 AM	05/11/12	05/13/12 3:41 AM	1205353-088A	05/10/12 7:36 AM	05/11/12	05/17/12 7:11 AM
1205353-089A	05/10/12 7:37 AM	05/11/12	05/17/12 7:41 AM	1205353-090A	05/10/12 7:44 AM	05/11/12	05/15/12 10:49 PM
1205353-091A	05/10/12 7:03 AM	05/11/12	05/13/12 10:32 PM	1205353-092A	05/10/12 8:05 AM	05/11/12	05/14/12 2:30 PM
1205353-093A	05/10/12 8:00 AM	05/11/12	05/15/12 6:31 AM	1205353-094A	05/10/12 8:15 AM	05/11/12	05/17/12 8:40 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67493 | WorkOrder: 1205353

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1205353-021A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	90.3	94.5	4.47	91.2	70 - 130	20	70 - 130
MTBE	ND	0.10	91.6	98.7	7.47	98.5	70 - 130	20	70 - 130
Benzene	ND	0.10	84.3	89.8	6.24	88.1	70 - 130	20	70 - 130
Toluene	ND	0.10	83.2	88.7	6.40	88.9	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	86	91.7	6.42	90.9	70 - 130	20	70 - 130
Xylenes	ND	0.30	89.9	95.9	6.45	94.3	70 - 130	20	70 - 130
%SS:	112	0.10	79	75	6.12	85	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67493 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-001A	05/07/12 9:00 AM	05/11/12	05/15/12 4:33 AM	1205353-002A	05/07/12 12:53 PM	05/11/12	05/15/12 11:41 PM
1205353-003A	05/07/12 1:02 PM	05/11/12	05/12/12 11:40 PM	1205353-004A	05/07/12 12:55 PM	05/11/12	05/14/12 7:48 PM
1205353-005A	05/07/12 9:45 AM	05/11/12	05/16/12 3:17 AM	1205353-006A	05/07/12 1:31 PM	05/11/12	05/14/12 8:18 PM
1205353-007A	05/07/12 1:33 PM	05/11/12	05/18/12 3:22 AM	1205353-008A	05/07/12 1:36 PM	05/11/12	05/14/12 9:18 PM
1205353-009A	05/07/12 1:42 PM	05/11/12	05/17/12 1:47 AM	1205353-010A	05/07/12 10:07 AM	05/11/12	05/16/12 3:18 PM
1205353-011A	05/07/12 2:10 PM	05/11/12	05/15/12 8:00 AM	1205353-012A	05/07/12 2:12 PM	05/11/12	05/15/12 9:19 PM
1205353-013A	05/07/12 2:14 PM	05/11/12	05/14/12 7:03 PM	1205353-014A	05/07/12 10:36 AM	05/11/12	05/16/12 1:18 AM
1205353-015A	05/07/12 2:59 PM	05/11/12	05/14/12 7:34 PM	1205353-016A	05/07/12 10:42 AM	05/11/12	05/13/12 1:34 PM
1205353-017A	05/07/12 3:15 PM	05/11/12	05/16/12 6:43 AM	1205353-018A	05/07/12 3:17 PM	05/11/12	05/16/12 4:36 AM
1205353-019A	05/07/12 3:20 PM	05/11/12	05/16/12 8:41 AM	1205353-020A	05/07/12 3:29 PM	05/11/12	05/14/12 9:05 PM
1205353-021A	05/08/12 9:50 AM	05/11/12	05/14/12 9:48 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67494 | WorkOrder: 1205353

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1205353-035A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	87.2	92.6	6.04	93.9	70 - 130	20	70 - 130
MTBE	ND	0.10	93.5	92.8	0.825	93.2	70 - 130	20	70 - 130
Benzene	ND	0.10	82.3	89	7.51	87.1	70 - 130	20	70 - 130
Toluene	ND	0.10	82.2	89.3	8.11	86	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	86.2	93.3	7.92	89	70 - 130	20	70 - 130
Xylenes	ND	0.30	90.3	97.5	7.65	92.5	70 - 130	20	70 - 130
%SS:	110	0.10	78	81	4.14	78	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67494 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-022A	05/08/12 9:57 AM	05/11/12	05/15/12 8:37 AM	1205353-023A	05/08/12 10:40 AM	05/11/12	05/14/12 10:18 PM
1205353-024A	05/08/12 10:43 AM	05/11/12	05/15/12 5:02 AM	1205353-025A	05/08/12 2:05 PM	05/11/12	05/15/12 6:48 PM
1205353-026A	05/08/12 2:25 PM	05/11/12	05/14/12 10:47 PM	1205353-027A	05/08/12 2:26 PM	05/11/12	05/15/12 9:07 AM
1205353-028A	05/08/12 2:30 PM	05/11/12	05/14/12 9:35 PM	1205353-029A	05/08/12 1:45 PM	05/11/12	05/14/12 1:59 PM
1205353-030A	05/08/12 2:44 PM	05/11/12	05/14/12 11:17 PM	1205353-031A	05/08/12 2:45 PM	05/11/12	05/14/12 10:05 PM
1205353-032A	05/08/12 2:47 PM	05/11/12	05/17/12 2:17 AM	1205353-033A	05/08/12 8:47 AM	05/11/12	05/14/12 11:46 PM
1205353-034A	05/08/12 11:26 AM	05/11/12	05/15/12 12:16 AM	1205353-035A	05/08/12 11:28 AM	05/11/12	05/14/12 12:31 AM
1205353-036A	05/08/12 11:30 AM	05/11/12	05/17/12 3:45 AM	1205353-037A	05/08/12 9:05 AM	05/11/12	05/13/12 5:10 AM
1205353-038A	05/08/12 9:15 AM	05/11/12	05/16/12 1:48 AM	1205353-039A	05/08/12 11:10 AM	05/11/12	05/13/12 5:35 PM
1205353-040A	05/08/12 11:13 AM	05/11/12	05/15/12 1:40 PM	1205353-041A	05/08/12 7:46 AM	05/11/12	05/15/12 5:40 AM
1205353-042A	05/08/12 10:15 AM	05/11/12	05/13/12 8:34 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67495 | WorkOrder: 1205353

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1205353-063A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	91.8	91.8	0	93.1	70 - 130	20	70 - 130
MTBE	ND	0.10	90.2	83.4	7.87	112	70 - 130	20	70 - 130
Benzene	ND	0.10	89.5	88.5	0.990	92	70 - 130	20	70 - 130
Toluene	ND	0.10	87.9	87.9	0	92.9	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	93.6	92.9	0.753	93.9	70 - 130	20	70 - 130
Xylenes	ND	0.30	97.3	95.6	1.77	98.3	70 - 130	20	70 - 130
%SS:	100	0.10	83	77	7.00	81	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67495 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-043A	05/08/12 10:18 AM	05/11/12	05/16/12 2:09 AM	1205353-044A	05/08/12 10:19 AM	05/11/12	05/13/12 9:04 PM
1205353-045A	05/09/12 7:45 AM	05/11/12	05/15/12 3:13 AM	1205353-046A	05/09/12 8:25 AM	05/11/12	05/13/12 6:38 AM
1205353-047A	05/09/12 8:26 AM	05/11/12	05/13/12 2:24 PM	1205353-048A	05/09/12 8:30 AM	05/11/12	05/13/12 6:27 PM
1205353-049A	05/09/12 8:08 AM	05/11/12	05/15/12 9:50 PM	1205353-050A	05/09/12 8:40 AM	05/11/12	05/13/12 4:40 AM
1205353-051A	05/09/12 8:41 AM	05/11/12	05/13/12 7:27 PM	1205353-052A	05/09/12 8:45 AM	05/11/12	05/13/12 7:08 AM
1205353-053A	05/09/12 7:17 AM	05/11/12	05/13/12 8:57 PM	1205353-054A	05/09/12 9:19 AM	05/11/12	05/13/12 3:35 PM
1205353-055A	05/09/12 9:16 AM	05/11/12	05/16/12 5:17 PM	1205353-056A	05/09/12 10:55 AM	05/11/12	05/15/12 6:10 AM
1205353-057A	05/09/12 1:33 PM	05/11/12	05/16/12 2:17 AM	1205353-058A	05/09/12 1:34 PM	05/11/12	05/13/12 2:54 PM
1205353-059A	05/09/12 1:38 PM	05/11/12	05/13/12 4:56 PM	1205353-060A	05/09/12 11:47 AM	05/11/12	05/15/12 2:11 PM
1205353-061A	05/09/12 1:10 PM	05/11/12	05/13/12 2:35 PM	1205353-062A	05/09/12 1:11 PM	05/11/12	05/18/12 4:21 AM
1205353-063A	05/09/12 1:15 PM	05/11/12	05/17/12 1:18 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67496 | WorkOrder: 1205353

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1205353-081A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	96.2	96	0.179	95.8	70 - 130	20	70 - 130
MTBE	ND	0.10	97.9	95.7	2.16	98.1	70 - 130	20	70 - 130
Benzene	ND	0.10	96	97.2	1.23	97.9	70 - 130	20	70 - 130
Toluene	ND	0.10	94.4	95.7	1.34	94.6	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	96.5	98	1.53	97.9	70 - 130	20	70 - 130
Xylenes	ND	0.30	101	103	1.86	101	70 - 130	20	70 - 130
%SS:	110	0.10	87	91	4.86	103	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67496 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-064A	05/09/12 11:27 AM	05/11/12	05/15/12 8:19 PM	1205353-065A	05/09/12 12:46 PM	05/11/12	05/15/12 7:48 PM
1205353-066A	05/09/12 12:48 PM	05/11/12	05/13/12 6:05 PM	1205353-067A	05/09/12 12:54 PM	05/11/12	05/13/12 10:27 PM
1205353-068A	05/10/12 1:08 PM	05/11/12	05/15/12 10:19 PM	1205353-069A	05/10/12 1:45 PM	05/11/12	05/13/12 9:33 PM
1205353-070A	05/10/12 1:46 PM	05/11/12	05/13/12 9:27 PM	1205353-071A	05/10/12 1:47 PM	05/11/12	05/13/12 2:11 AM
1205353-072A	05/10/12 12:50 PM	05/11/12	05/15/12 5:11 AM	1205353-073A	05/10/12 1:30 PM	05/11/12	05/15/12 1:34 AM
1205353-074A	05/10/12 1:31 PM	05/11/12	05/15/12 2:04 AM	1205353-075A	05/10/12 1:32 PM	05/11/12	05/12/12 11:10 PM
1205353-076A	05/10/12 9:05 AM	05/11/12	05/13/12 8:37 AM	1205353-077A	05/10/12 10:09 AM	05/11/12	05/15/12 2:34 AM
1205353-078A	05/10/12 10:10 AM	05/11/12	05/15/12 3:04 AM	1205353-079A	05/10/12 10:17 AM	05/11/12	05/14/12 3:30 PM
1205353-080A	05/10/12 10:18 AM	05/11/12	05/15/12 3:33 AM	1205353-081A	05/10/12 9:31 AM	05/11/12	05/13/12 11:32 PM
1205353-082A	05/10/12 9:47 AM	05/11/12	05/14/12 6:48 PM	1205353-083A	05/10/12 9:48 AM	05/11/12	05/14/12 6:18 PM
1205353-084A	05/10/12 9:55 AM	05/11/12	05/17/12 4:44 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67438 | WorkOrder: 1205353

EPA Method: SW8015B | **Extraction: SW3550B/3630C** | **Spiked Sample ID: 1205292-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	2.6	40	153, F1	157, F1	2.39	108	70 - 130	30	70 - 130
%SS:	111	25	105	108	2.62	96	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

F1 = MS/MSD recovery was out of acceptance criteria; LCS validated the prep batch.

BATCH 67438 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-095A	05/10/12 8:16 AM	05/11/12	05/12/12 5:43 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67471 | WorkOrder: 1205353

EPA Method: SW8015B | **Extraction: SW3550B/3630C** | **Spiked Sample ID: 1205331-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	35	40	105	112	3.72	110	70 - 130	30	70 - 130
%SS:	72	25	70	72	2.05	92	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67471 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-086A	05/10/12 7:19 AM	05/11/12	05/13/12 10:26 AM	1205353-087A	05/10/12 7:35 AM	05/11/12	05/15/12 6:53 AM
1205353-088A	05/10/12 7:36 AM	05/11/12	05/15/12 7:06 AM	1205353-089A	05/10/12 7:37 AM	05/11/12	05/14/12 2:14 PM
1205353-090A	05/10/12 7:44 AM	05/11/12	05/13/12 5:13 AM	1205353-091A	05/10/12 7:03 AM	05/11/12	05/13/12 12:40 AM
1205353-092A	05/10/12 8:05 AM	05/11/12	05/13/12 9:36 PM	1205353-093A	05/10/12 8:00 AM	05/11/12	05/12/12 10:23 PM
1205353-094A	05/10/12 8:15 AM	05/11/12	05/13/12 5:53 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67498 | WorkOrder: 1205353

EPA Method: SW8015B | **Extraction: SW3550B/3630C** | **Spiked Sample ID: 1205353-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	1.4	40	115	114	0.503	106	70 - 130	30	70 - 130
%SS:	110	25	111	110	0.476	96	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67498 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-001A	05/07/12 9:00 AM	05/11/12	05/15/12 1:14 PM	1205353-002A	05/07/12 12:53 PM	05/11/12	05/15/12 2:58 PM
1205353-003A	05/07/12 1:02 PM	05/11/12	05/12/12 10:58 PM	1205353-004A	05/07/12 12:55 PM	05/11/12	05/12/12 6:54 PM
1205353-005A	05/07/12 9:45 AM	05/11/12	05/13/12 3:42 PM	1205353-006A	05/07/12 1:31 PM	05/11/12	05/13/12 2:29 PM
1205353-007A	05/07/12 1:33 PM	05/11/12	05/12/12 1:04 PM	1205353-008A	05/07/12 1:36 PM	05/11/12	05/13/12 4:55 PM
1205353-009A	05/07/12 1:42 PM	05/11/12	05/12/12 10:47 AM	1205353-010A	05/07/12 10:07 AM	05/11/12	05/12/12 9:39 AM
1205353-011A	05/07/12 2:10 PM	05/11/12	05/12/12 6:14 AM	1205353-012A	05/07/12 2:12 PM	05/11/12	05/14/12 2:09 AM
1205353-013A	05/07/12 2:14 PM	05/11/12	05/12/12 10:58 PM	1205353-014A	05/07/12 10:36 AM	05/11/12	05/15/12 12:34 PM
1205353-015A	05/07/12 2:59 PM	05/11/12	05/13/12 1:48 AM	1205353-016A	05/07/12 10:42 AM	05/11/12	05/14/12 8:52 PM
1205353-017A	05/07/12 3:15 PM	05/11/12	05/14/12 1:01 AM	1205353-018A	05/07/12 3:17 PM	05/11/12	05/12/12 6:07 PM
1205353-019A	05/07/12 3:20 PM	05/11/12	05/15/12 12:17 AM	1205353-020A	05/07/12 3:29 PM	05/11/12	05/14/12 1:34 AM
1205353-021A	05/08/12 9:50 AM	05/11/12	05/15/12 3:41 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67499 | WorkOrder: 1205353

EPA Method: SW8015B | **Extraction: SW3550B/3630C** | **Spiked Sample ID: 1205353-024A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	ND	40	95	97.5	2.51	115	70 - 130	30	70 - 130
%SS:	91	25	95	90	6.11	97	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67499 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-022A	05/08/12 9:57 AM	05/11/12	05/12/12 12:34 AM	1205353-023A	05/08/12 10:40 AM	05/11/12	05/12/12 9:47 PM
1205353-024A	05/08/12 10:43 AM	05/11/12	05/12/12 6:07 PM	1205353-025A	05/08/12 2:05 PM	05/11/12	05/11/12 11:27 PM
1205353-026A	05/08/12 2:25 PM	05/11/12	05/12/12 4:31 AM	1205353-027A	05/08/12 2:26 PM	05/11/12	05/12/12 3:51 PM
1205353-028A	05/08/12 2:30 PM	05/11/12	05/12/12 7:19 PM	1205353-029A	05/08/12 1:45 PM	05/11/12	05/13/12 2:29 PM
1205353-030A	05/08/12 2:44 PM	05/11/12	05/13/12 5:53 AM	1205353-031A	05/08/12 2:45 PM	05/11/12	05/14/12 4:25 AM
1205353-032A	05/08/12 2:47 PM	05/11/12	05/12/12 7:19 PM	1205353-033A	05/08/12 8:47 AM	05/11/12	05/12/12 9:47 PM
1205353-034A	05/08/12 11:26 AM	05/11/12	05/14/12 4:59 AM	1205353-035A	05/08/12 11:28 AM	05/11/12	05/15/12 2:33 AM
1205353-036A	05/08/12 11:30 AM	05/11/12	05/13/12 1:19 AM	1205353-037A	05/08/12 9:05 AM	05/11/12	05/14/12 1:38 PM
1205353-038A	05/08/12 9:15 AM	05/11/12	05/13/12 9:02 PM	1205353-039A	05/08/12 11:10 AM	05/11/12	05/14/12 12:26 AM
1205353-040A	05/08/12 11:13 AM	05/11/12	05/13/12 4:28 PM	1205353-041A	05/08/12 7:46 AM	05/11/12	05/13/12 6:07 PM
1205353-042A	05/08/12 10:15 AM	05/11/12	05/13/12 5:37 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67500 | WorkOrder: 1205353

EPA Method: SW8015B | **Extraction: SW3550B/3630C** | **Spiked Sample ID: 1205353-057A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	58	40	118	119	0.528	105	70 - 130	30	70 - 130
%SS:	101	25	101	101	0	96	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67500 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-043A	05/08/12 10:18 AM	05/11/12	05/13/12 6:14 PM	1205353-044A	05/08/12 10:19 AM	05/11/12	05/13/12 6:14 PM
1205353-045A	05/09/12 7:45 AM	05/11/12	05/13/12 4:00 PM	1205353-046A	05/09/12 8:25 AM	05/11/12	05/14/12 1:34 AM
1205353-047A	05/09/12 8:26 AM	05/11/12	05/13/12 6:07 PM	1205353-048A	05/09/12 8:30 AM	05/11/12	05/13/12 7:17 PM
1205353-049A	05/09/12 8:08 AM	05/11/12	05/14/12 4:59 AM	1205353-050A	05/09/12 8:40 AM	05/11/12	05/13/12 7:54 PM
1205353-051A	05/09/12 8:41 AM	05/11/12	05/13/12 7:54 PM	1205353-052A	05/09/12 8:45 AM	05/11/12	05/14/12 12:26 AM
1205353-053A	05/09/12 7:17 AM	05/11/12	05/13/12 3:20 PM	1205353-054A	05/09/12 9:19 AM	05/11/12	05/14/12 2:43 AM
1205353-055A	05/09/12 9:16 AM	05/11/12	05/12/12 5:39 AM	1205353-056A	05/09/12 10:55 AM	05/11/12	05/15/12 5:32 PM
1205353-057A	05/09/12 1:33 PM	05/11/12	05/14/12 6:07 AM	1205353-058A	05/09/12 1:34 PM	05/11/12	05/13/12 2:28 AM
1205353-059A	05/09/12 1:38 PM	05/11/12	05/14/12 3:51 AM	1205353-060A	05/09/12 11:47 AM	05/11/12	05/13/12 2:54 PM
1205353-061A	05/09/12 1:10 PM	05/11/12	05/13/12 6:21 AM	1205353-062A	05/09/12 1:11 PM	05/11/12	05/14/12 1:38 PM
1205353-063A	05/09/12 1:15 PM	05/11/12	05/13/12 4:55 PM	1205353-064A	05/09/12 11:27 AM	05/11/12	05/13/12 2:54 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67501 | WorkOrder: 1205353

EPA Method: SW8015B | **Extraction: SW3550B/3630C** | **Spiked Sample ID: 1205353-084A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	ND	40	100	101	0.194	108	70 - 130	30	70 - 130
%SS:	92	25	92	92	0	98	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67501 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-065A	05/09/12 12:46 PM	05/11/12	05/13/12 3:20 PM	1205353-066A	05/09/12 12:48 PM	05/11/12	05/13/12 4:28 PM
1205353-067A	05/09/12 12:54 PM	05/11/12	05/13/12 5:07 PM	1205353-068A	05/10/12 1:08 PM	05/11/12	05/13/12 1:47 PM
1205353-069A	05/10/12 1:45 PM	05/11/12	05/14/12 3:51 AM	1205353-070A	05/10/12 1:46 PM	05/11/12	05/13/12 1:47 PM
1205353-071A	05/10/12 1:47 PM	05/11/12	05/13/12 9:02 PM	1205353-072A	05/10/12 12:50 PM	05/11/12	05/13/12 6:45 PM
1205353-073A	05/10/12 1:30 PM	05/11/12	05/14/12 3:17 AM	1205353-074A	05/10/12 1:31 PM	05/11/12	05/14/12 2:43 AM
1205353-075A	05/10/12 1:32 PM	05/11/12	05/13/12 3:42 PM	1205353-076A	05/10/12 9:05 AM	05/11/12	05/13/12 8:37 AM
1205353-077A	05/10/12 10:09 AM	05/11/12	05/13/12 12:40 PM	1205353-078A	05/10/12 10:10 AM	05/11/12	05/13/12 11:33 AM
1205353-079A	05/10/12 10:17 AM	05/11/12	05/13/12 5:37 PM	1205353-080A	05/10/12 10:18 AM	05/11/12	05/13/12 6:45 PM
1205353-081A	05/10/12 9:31 AM	05/11/12	05/12/12 2:12 PM	1205353-082A	05/10/12 9:47 AM	05/11/12	05/12/12 9:13 PM
1205353-083A	05/10/12 9:48 AM	05/11/12	05/15/12 12:34 PM	1205353-084A	05/10/12 9:55 AM	05/11/12	05/15/12 10:30 AM
1205353-085A	05/10/12 9:56 AM	05/11/12	05/13/12 7:01 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558	Date Sampled: 05/10/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Reported: 05/17/12
Emeryville, CA 94608	Client P.O.:	Date Completed: 05/16/12

WorkOrder: 1205352

May 17, 2012

Dear Dan:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#161558,**
2) QC data for the above sample, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1205352

McCAMPBELL ANALYTICAL, INC.

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Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ SG gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Comments
AR WASTE-1	WASTE	5/10/12	1455	1	sleeve		X				X				X	X													X			Filter Samples for Metals analysis: Yes / No
SOIL comp-1																																

	Date:	Time:	Received By:
Relinquished By:	5/11/12	1040	SECURE LOCATION
Relinquished By:	5/11/12	1105	Received By:
Relinquished By:	5/11/12	1300	Received By:

ICE/t° 5.6 ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS:
Email results to: dglaze@craworld.com and rscheele@craworld.com

PRESERVATION VOAS | O&G | METALS | OTHER
pH<2

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205352 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc:
PO:
ProjectNo: #161558

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **05/11/2012**
Date Printed: **05/11/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205352-001	Soil Comp-1	Soil	5/10/2012 14:55	☐	A	A	A	A								

Test Legend:

1	G-MBTEX_S	2	LUFT_S	3	PREDF REPORT	4	TPH(D)WSG_S	5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **5/11/2012 1:32:23 PM**

Project Name: **#161558**
LogIn Reviewed by: Melissa Valles

WorkOrder N°: **1205352** Matrix: Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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Conestoga-Rovers & Associates	Client Project ID: #161558	Date Sampled: 05/10/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted: 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/16/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1205352

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	Soil Comp-1	S	16	ND	0.20	0.64	0.32	1.4	1	108	d1,d7

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d1) weakly modified or unmodified gasoline is significant
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Conestoga-Rovers & Associates	Client Project ID: #161558	Date Sampled: 05/10/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted: 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/14/12

LUFT 5 Metals*

Extraction method: SW3050B | Analytical methods: SW6010B | Work Order: 1205352

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
001A	Soil Comp-1	S	TOTAL	14	54	47	37	180	1	118	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA
	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #161558	Date Sampled: 05/10/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 05/11/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed 05/12/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205352

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205352-001A	Soil Comp-1	S	42	2	97	e7,e2,e4

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67472 | WorkOrder: 1205352

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1205330-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	97	91.7	5.57	95.6	70 - 130	20	70 - 130
MTBE	ND	0.10	104	96	8.41	119	70 - 130	20	70 - 130
Benzene	ND	0.10	88.5	85.1	3.92	89.5	70 - 130	20	70 - 130
Toluene	ND	0.10	85.7	83.2	2.91	88.9	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	90.6	86.5	4.65	92	70 - 130	20	70 - 130
Xylenes	ND	0.30	93.8	89.7	4.47	96.1	70 - 130	20	70 - 130
%SS:	106	0.10	76	85	10.6	79	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67472 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205352-001A	05/10/12 2:55 PM	05/11/12	05/16/12 1:10 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67436 | WorkOrder: 1205352

EPA Method: SW6010B **Extraction: SW3050B** **Spiked Sample ID: 1205281-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Cadmium	ND	50	103	101	1.32	102	75 - 125	25	75 - 125
Chromium	62	50	103	97.6	2.52	96.3	75 - 125	25	75 - 125
Lead	6.3	50	99.8	95.9	3.53	102	75 - 125	25	75 - 125
Nickel	59	50	99.4	93.1	2.97	100	75 - 125	25	75 - 125
Zinc	56	500	99.6	99.4	0.181	104	75 - 125	25	75 - 125
%SS:	104	500	108	103	5.26	107	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67436 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205352-001A	05/10/12 2:55 PM	05/11/12	05/14/12 10:02 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67471 | WorkOrder: 1205352

EPA Method: SW8015B **Extraction: SW3550B/3630C** **Spiked Sample ID: 1205331-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	35	40	105	112	3.72	110	70 - 130	30	70 - 130
%SS:	72	25	70	72	2.05	92	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67471 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205352-001A	05/10/12 2:55 PM	05/11/12	05/12/12 4:39 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Reported: 05/18/12
Emeryville, CA 94608	Client P.O.:	Date Completed: 05/22/12

WorkOrder: 1205353 A

May 23, 2012

Dear Dan:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#161558; 131 Terminal Court, South San Francisco**
2) QC data for the above sample, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1205353A

McCAMPBELL ANALYTICAL, INC.

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Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Other	Comments
Waste 2				4	sleeve		X				X				X	X													X				Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	5/11/12	1630	
Relinquished By:	Date:	Time:	Received By:
	5/11/12	1300	
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:
Email results to: dglaze@craworld.com and rscheele@craworld.com

added 5/18/12

PRESERVATION	VOAS	O&G	METALS	OTHER
			pH<2	

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 A **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3327 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days
Date Received: 05/11/2012
Date Add-On: 05/18/2012
Date Printed: 05/18/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205353-096	Waste 2	Soil	5/7/2012	☐	A	A	A									

Test Legend:

1	G-MBTEX_S	2	LUFT_S	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: Sample Comp(001,025,056,060) for: g/mbtex, tphd wSG, Luft added 5/18/12 5d.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Extracted: 05/18/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/21/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1205353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
096A	Waste 2	S	800	ND<1.7	2.2	0.94	11	32	33	---#	d2,d9

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d2) heavier gasoline range compounds are significant (aged gasoline?)
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted: 05/18/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/21/12

LUFT 5 Metals*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1205353

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
096A	Waste 2	S	TOTAL	ND	69	12	82	66	1	116	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA	
	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 05/18/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed 05/19/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205353

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205353-096A	Waste 2	S	740	1	110	e4,e1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e1) unmodified or weakly modified diesel is significant
e4) gasoline range compounds are significant.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67674 | WorkOrder: 1205353

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1205561-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	108	108	0	112	70 - 130	20	70 - 130
MTBE	ND	0.10	83.3	89.3	6.97	83.4	70 - 130	20	70 - 130
Benzene	ND	0.10	102	110	7.43	99.3	70 - 130	20	70 - 130
Toluene	ND	0.10	100	108	7.13	98.8	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	103	110	6.88	100	70 - 130	20	70 - 130
Xylenes	ND	0.30	100	104	3.41	98.2	70 - 130	20	70 - 130
%SS:	79	0.10	107	111	3.83	112	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67674 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-096A	05/07/12	05/18/12	05/21/12 2:28 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67658 | WorkOrder: 1205353

EPA Method: SW6010B **Extraction: SW3050B** **Spiked Sample ID: 1205543-010A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Cadmium	ND	50	103	114	10.2	110	75 - 125	25	75 - 125
Chromium	27	50	98.8	110	7.13	108	75 - 125	25	75 - 125
Lead	ND	50	99.3	113	12.3	110	75 - 125	25	75 - 125
Nickel	12	50	98.2	113	11.6	108	75 - 125	25	75 - 125
Zinc	43	500	102	117	13.5	122	75 - 125	25	75 - 125
%SS:	128	500	129	128	1.32	116	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67658 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-096A	05/07/12	05/18/12	05/21/12 3:52 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67659 | WorkOrder: 1205353

EPA Method: SW8015B | **Extraction: SW3550B/3630C** | **Spiked Sample ID: 1205540-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	3.0	40	123	125	1.46	108	70 - 130	30	70 - 130
%SS:	97	25	107	107	0	94	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67659 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-096A	05/07/12	05/18/12	05/19/12 10:43 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Reported: 06/06/12
Emeryville, CA 94608	Client P.O.:	Date Completed: 06/06/12

WorkOrder: 1205353 **C**

June 06, 2012

Dear Dan:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#161558; 131 Terminal Court, South San Francisco**
2) QC data for the above sample, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1205353A

McCAMPBELL ANALYTICAL, INC.

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Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015/MTBE	TPH as Diesel (8015) w/ silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Comments
Waste 2				4	sleeve		X				X				X	X													X		X	Filter Samples for Metals analysis: Yes / No

Other: STLC Cr 5/30/12 5day

	Date:	Time:	Received By:
Relinquished By:	5/11/12	1650	
Relinquished By:	5/11/12	1300	
Relinquished By:			Received By:

ICE/t°_____ COMMENTS:
GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____ added 5/18/12
PRESERVED IN LAB_____

PRESERVATION	VOAS	O&G	METALS	OTHER
			pH<2	

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 C **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3369 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days
Date Received: 05/11/2012
Date Add-On: 05/30/2012
Date Printed: 05/30/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205353-096	Waste 2	Soil	5/7/2012	☐	A											

Test Legend:

1	STLC_METALS_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: Sample Comp(001,025,056,060) for: g/mbtex, tphd wSG, Luft added 5/18/12 5d. Sample Comp(015,006,011,064) for: g/mbtex, tphd wSG, Luft added 5/21 /12 5d. Comp(001,025,056,060 & Comp(015,006,011,064) setup for STLC Cr 5/30/12 5d.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted: 05/30/12-06/01/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 06/06/12

ICP Metals*

Extraction method: CA Title 22 Analytical methods: SW6010B Work Order: 1205353

Lab ID	Client ID	Matrix	Extraction Type	Chromium	DF	% SS	Comments
1205353-096A	Waste 2	S	WET	0.18	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	WET	0.05	mg/L

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

WET = Waste Extraction Test, i.e., STLC (Soluble Threshold Limit Concentration).
DI WET = Waste Extraction Test using DI water (DI STLC).

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67890 | WorkOrder: 1205353

EPA Method: SW6010B | **Extraction: CA Title 22** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chromium	N/A	1	N/A	N/A	N/A	96.6	N/A	N/A	75 - 125

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67890 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-096A	05/07/12	05/30/12	06/06/12 1:40 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #161558; 131 Terminal Court, South San Francisco, Client Contact: Dan Glaze Client P.O.:	Date Sampled: 05/07/12 Date Received: 05/11/12 Date Reported: 05/18/12 Date Completed: 05/22/12

WorkOrder: 1205353 **B**

May 23, 2012

Dear Dan:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#161558; 131 Terminal Court, South San Francisco**
2) QC data for the above sample, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1205353B

McCAMPBELL ANALYTICAL, INC.

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Pittsburg, CA 94565-1701
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Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Other	Comments
Waste 3				4	sleeve		X				X				X	X													X				Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date: 5/11/12	Time: 1050	Received By:
Relinquished By:	Date: 5/11/12	Time: 1300	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t*_____ COMMENTS:
GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____ setup 5/21/12
PRESERVED IN LAB_____

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 B **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3327 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days
Date Received: 05/11/2012
Date Add-On: 05/21/2012
Date Printed: 05/21/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1205353-097	Waste 3	Soil	5/7/2012	☐	A	A	A									

Test Legend:

1	G-MBTEX_S	2	LUFT_S	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: Sample Comp(001,025,056,060) for: g/mbtex, tphd wSG, Luft added 5/18/12 5d. Sample Comp(015,006,011,064) for: g/mbtex, tphd wSG, Luft added 5/21 /12 5d.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
5900 Hollis St, Suite A		Date Received: 05/11/12
	Client Contact: Dan Glaze	Date Extracted: 05/21/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/21/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1205353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
097A	Waste 3	S	150	ND<2.5	0.29	2.0	1.4	7.9	50	---#	d2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d2) heavier gasoline range compounds are significant (aged gasoline?)

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted: 05/21/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 05/22/12

LUFT 5 Metals*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1205353

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
097A	Waste 3	S	TOTAL	ND	66	11	27	52	1	99	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA	
	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 05/21/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed 05/22/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1205353

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1205353-097A	Waste 3	S	46	1	103	e4,e1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e1) unmodified or weakly modified diesel is significant
e4) gasoline range compounds are significant.

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67674 | WorkOrder: 1205353

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1205561-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	108	108	0	112	70 - 130	20	70 - 130
MTBE	ND	0.10	83.3	89.3	6.97	83.4	70 - 130	20	70 - 130
Benzene	ND	0.10	102	110	7.43	99.3	70 - 130	20	70 - 130
Toluene	ND	0.10	100	108	7.13	98.8	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	103	110	6.88	100	70 - 130	20	70 - 130
Xylenes	ND	0.30	100	104	3.41	98.2	70 - 130	20	70 - 130
%SS:	79	0.10	107	111	3.83	112	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67674 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-097A	05/07/12	05/21/12	05/21/12 6:31 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67658 | WorkOrder: 1205353

EPA Method: SW6010B **Extraction: SW3050B** **Spiked Sample ID: 1205543-010A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Cadmium	ND	50	103	114	10.2	110	75 - 125	25	75 - 125
Chromium	27	50	98.8	110	7.13	108	75 - 125	25	75 - 125
Lead	ND	50	99.3	113	12.3	110	75 - 125	25	75 - 125
Nickel	12	50	98.2	113	11.6	108	75 - 125	25	75 - 125
Zinc	43	500	102	117	13.5	122	75 - 125	25	75 - 125
%SS:	128	500	129	128	1.32	116	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67658 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-097A	05/07/12	05/21/12	05/22/12 2:42 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67676 | WorkOrder: 1205353

EPA Method: SW8015B | **Extraction: SW3550B/3630C** | **Spiked Sample ID: 1205564-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	ND	40	97.8	98.6	0.808	105	70 - 130	30	70 - 130
%SS:	95	25	94	95	0.972	92	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67676 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-097A	05/07/12	05/21/12	05/22/12 7:50 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558; 131 Terminal Court, South San Francisco,	Date Sampled: 05/07/12
		Date Received: 05/11/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Reported: 06/06/12
Emeryville, CA 94608	Client P.O.:	Date Completed: 06/06/12

WorkOrder: 1205353 **D**

June 06, 2012

Dear Dan:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#161558; 131 Terminal Court, South San Francisco**
2) QC data for the above sample, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1205353B

McCAMPBELL ANALYTICAL, INC.

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/ silica gel	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other	Comments
Waste 3				4	sleeve		X				X				X	X													X		X STLC Cr 5/30/12 Saucy	

Relinquished By:	Date: 5/11/12	Time: 1052	Received By:
Relinquished By:	Date: 5/11/12	Time: 1300	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t*_____ COMMENTS:
GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____ setup 5/21/12
PRESERVED IN LAB_____

PRESERVATION	VOAS	O&G	METALS pH<2	OTHER

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1205353 D **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3369 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558; 131 Terminal Court, South San Francisco, CA

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days
Date Received: 05/11/2012
Date Add-On: 05/31/2012
Date Printed: 05/30/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1205353-097	Waste 3	Soil	5/7/2012	☐	A											

Test Legend:

1	STLC_METALS_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: Sample Comp(001,025,056,060) for: g/mbtex, tphd wSG, Luft added 5/18/12 5d. Sample Comp(015,006,011,064) for: g/mbtex, tphd wSG, Luft added 5/21 /12 5d. Comp(001,025,056,060 & Comp(015,006,011,064) setup for STLC Cr 5/30/12 5d.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #161558; 131 Terminal Court, South San Francisco, Client Contact: Dan Glaze Client P.O.:	Date Sampled: 05/07/12 Date Received: 05/11/12 Date Extracted: 05/30/12-06/01/12 Date Analyzed: 06/06/12

ICP Metals*

Extraction method: CA Title 22 Analytical methods: SW6010B Work Order: 1205353

Lab ID	Client ID	Matrix	Extraction Type	Chromium	DF	% SS	Comments
1205353-097A	Waste 3	S	WET	0.15	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	WET	0.05	mg/L

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

WET = Waste Extraction Test, i.e., STLC (Soluble Threshold Limit Concentration).
DI WET = Waste Extraction Test using DI water (DI STLC).

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 67890 | WorkOrder: 1205353

EPA Method: SW6010B **Extraction: CA Title 22** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chromium	N/A	1	N/A	N/A	N/A	96.6	N/A	N/A	75 - 125

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 67890 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1205353-097A	05/07/12	05/30/12	06/06/12 1:42 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

APPENDIX E

STANDARD FIELD PROCEDURES

Conestoga-Rovers & Associates

STANDARD FIELD PROCEDURES FOR WELL DESTRUCTION

This document presents standard field methods for destroying groundwater monitoring wells. The objective of well destruction is to destroy wells in a manner that is protective of potential water resources. The two procedures most commonly used are pressure grouting and drilling out the well. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Pressure Grouting

Pressure grouting consists of pumping neat Portland cement through a tremie pipe to the bottom of the well and filling the well casing with cement from the bottom to the top. Displaced groundwater is contained at the wellhead and discharged into an appropriate container for disposal. The cement is composed of about five gallons of water per 94 lb. sack of Portland Type I/II Cement. Once the well casing is completely filled with cement, 25 pounds per square inch of air pressure is applied to the grout column using an air-compressor. The process is continued until the grout column is stable under pressure. In some instances, the well casing can also be pressurized by extending the well casing to the appropriate height and filling it with grout. In either case, the additional pressure allows the grout to be forced into the sand pack. After grouting the sand pack and casing, the well vault is removed and the area resurfaced or backfilled as required.

Well Drill Out

When well drill out is required, the well location is cleared for subsurface utilities and a hollow-stem auger drilling rig is used to drill out the well casing and filter pack materials. First, drill rods are dropped down the well and used to guide the augers as they drill out the well. Once the well is drilled out, the boring is filled with Portland cement injected through the augers or a tremie pipe under pressure to the bottom of the boring. The well vault is removed and the area resurfaced or backfilled as required.

STANDARD FIELD PROCEDURES FOR EXCAVATION SAMPLING

After confirming a release from underground gasoline storage tanks, product piping or pump islands, soil excavation is often done to remove hydrocarbon-bearing soils that may pose a threat to groundwater quality beneath a site. Soil samples are routinely collected to monitor the progress of the excavation and to confirm that soils containing hydrocarbons above regulatory limits have been completely removed. CRA has developed standard operating procedures for collecting soil samples during routine excavation operations to ensure that the samples are collected, handled and documented in compliance with State and local regulatory agency regulations.

Excavation Sampling

Prior to collecting soil samples during excavation operations, CRA field staff screen the removed soils with a portable photo-ionization detector (PID) to qualitatively assess the presence or absence of volatile hydrocarbons. The removed soil is typically segregated based on hydrocarbon concentration and stockpiled on site on plastic sheeting. When the PID measurements indicate that the hydrocarbon-bearing soil has been satisfactorily removed, CRA collects soil samples from the excavation sidewalls and bottom for confirmatory analysis at a State-certified analytic laboratory.

The soil samples are collected in steam-cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe or excavator. When a backhoe or excavator is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Grab Groundwater Sampling

If groundwater enters the excavation, grab groundwater samples can be collected from the open excavation. Grab groundwater sample can be collected from excavator equipment, disposable Tygon® tubing placed into the excavation, or other appropriate sampling equipment placed into the water. The groundwater samples are decanted into the appropriate containers supplied by the analytic laboratory.

Sample Storage, Handling and Transport

Upon removal from the sampler or the backhoe, soil samples are trimmed flush, capped with Teflon tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Groundwater samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4° C. All samples are transported under chain-of-custody to a State-certified analytic laboratory.

Duplicates and Blanks

Duplicate or blind duplicate samples can be collected, if requested. For water sampling, laboratory-supplied trip blanks can accompany samples to check for cross-contamination caused by sample handling and transport. These trip blanks are analyzed if the internal laboratory quality assurance/quality control (QA/QC) blanks contain the suspected field contaminants. An equipment blank may also be analyzed if non-dedicated sampling equipment is used.

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TRANSMITTAL

DATE: 2/4/2013

REFERENCE NO.: 161558

PROJECT NAME: 131 Terminal Court
South San Francisco, CA

TO: Mr. Jacob Madden
San Mateo County Environmental Health
2000 Alameda de las Pulgas, Suite 100
San Mateo, California 94403

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other GeoTracker upload

QUANTITY	DESCRIPTION
1	REMEDIAL ACTION COMPLETION REPORT

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐

COMMENTS:

If you have any question regarding the content of this document, please contact Ron Scheele at (510) 420-3327

Copy to: Ms. Janet Heikel
Ms. Amanda Appelt
Mr. Primo Reppeto
Mr. James Schwartz

Completed by: Ron Scheele [Please Print]

Signed:

Filing: **Correspondence File**

REMEDIAL ACTION COMPLETION REPORT

FORMER OLYMPIAN CARDLOCK STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

AGENCY CASE NO. 55014

Prepared For:

Olympian JV

Prepared by:
Conestoga-Rovers & Associates

5900 Hollis Street, Suite A
Emeryville, California
U.S.A. 94608

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Fax: (510) 420-9170

web: http://www.CRAworld.com

FEBRUARY 4, 2013
REF. NO. 161558 (12)
This report is printed on recycled paper.

REMEDIAL ACTION COMPLETION REPORT

FORMER OLYMPIAN CARDLOCK STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Prepared For:

Olympian JV

Dan Glaze

Ron Scheele, P.G.

Prepared by:
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1.0 INTRODUCTION

On behalf of Olympian JV (Olympian), Conestoga-Rovers & Associates (CRA) has prepared this *Remedial Action Completion Report* for the property (Site) located at 131 Terminal Court in South San Francisco, California (Figure 1). This report was prepared in response to San Mateo County Environmental Health Department, Groundwater Protection Program's (GPP) letter, dated August 15, 2012 (Appendix A), and documents the completion of remedial actions proposed in CRA's *Subsurface Investigation and Remedial Action Plan (RAP)* dated July 25, 2012. In addition to the remedial excavation activities, this report describes pre-excavation well destruction activities and upcoming post-remedial groundwater monitoring and reporting activities.

2.0 SITE BACKGROUND

2.1 SITE DESCRIPTION

The Site is located near the intersection of Terminal Court and Produce Avenue in South San Francisco, California (Figure 1). It was operated as a commercial fueling facility and consisted of two dispenser islands, two diesel USTs, and one gasoline UST which were owned and operated by Nella Oil Company (Nella). The property is owned by Golden Gate Produce. The entire Site is currently vacant, surrounded by chain link fencing and paved with asphalt. Former site features are presented on Figure 2.

The Site is located in a commercial/industrial area of South San Francisco. The property adjoins the Golden Gate Produce Terminal to the west and the Park 'N' Fly parking lot to the east. The Bayshore Freeway, (California State Highway 101) is located approximately 200 feet (ft) east of the Site. The Site topography is relatively flat and is approximately 6 feet above mean sea level (ft msl). The nearest surface water is Colma Creek located approximately 0.25 miles north of the Site. The San Francisco Bay is approximately 1 mile east of the Site.

In October 2012, Nella arranged for the removal of the fueling system. The system consisted of two dispenser islands, two diesel USTs and one gasoline UST. Details of the removal are documented in Blue Rock Environmental Inc.'s report titled *UST System Removal Sampling Report* dated October 23, 2012.

2.2 GEOLOGY AND HYDROGEOLOGY

Geology: The Site is located in the Coast Range Geomorphic Province of California. According to the geologic map by Jennings and Burnett from 1961, the general vicinity is underlain by unconsolidated artificial fill primarily consisting of clayey fine sand, silt, clay, rock fragments, and organic material underlain by Quaternary alluvium and dune deposits. Bedrock in the area is primarily Mesozoic ultrabasic rocks, including serpentine.

The soil beneath the Site generally consists of sandy gravel fill to 3.0 feet below ground surface (ft bgs), interbedded clayey sand, sand and silty clay to approximately 9.0 ft bgs, underlain by dark grey, low estimated permeability, silty clay ("Bay Muds") to a total explored depth of 18 ft bgs.

Hydrogeology: According to the Department of Water Resources, Bulletin 118 from 2004, the Site is located within the South San Francisco Groundwater Basin.

The shallow groundwater table typically ranges between 1 to 5 ft bgs. Groundwater levels measured on March 2, 2012, indicate that groundwater beneath the Site flows primarily toward the northeast and ranged from 2.7 to 3.7 ft bgs. Groundwater gradient is consistently to the northeast.

3.0 WELL DESTRUCTION ACTIVITIES

3.1 PREFIELD ACTIVITIES

Prior to initiating any well destruction field activities, CRA obtained well destruction permits from the GPP and an encroachment permit from the City of South San Francisco (Appendix B). A site specific health and safety plan was prepared and reviewed by all appropriate personnel. All proposed well destruction locations were pre-marked with white paint and Underground Service Alert (USA) was notified to identify potential subsurface utilities in the area.

3.2 WELL DESTRUCTION

On August 27 and 28, 2012, seven groundwater monitoring wells (MW-1, MW-2, MW-3, MW-5, MW-6, MW-7 and MW-8) were properly destroyed by Woodward Drilling Company of Rio Vista, California. The wells were destroyed using the pressure

grouting method, as approved by the GPP. Prior to pressure grouting, the total depth of each well was verified using a water level meter or measuring tape to ensure no obstructions existed in the well casing prior to grout placement. Due to silt accumulation, wells MW-1 and MW-3 required clearing of silt from the bottom of the well casing prior to grout placement. Grout consisting of neat Portland Type I/II cement was tremied into each well. After each well was filled with grout, 25 pounds per square inch (psi) of air pressure was applied to the grout column in the well for at least 5 minutes. If the grout in the well casing subsided after the initial application of air pressure, the well was topped off with grout and 25 psi of air pressure was re-applied for an additional 5 minutes. The process was repeated until the grout in each well was stable. Upon completion of pressure grouting of each well, the well boxes outside of the proposed excavation extents were removed and surfaces returned to pre-existing conditions (asphalt). The well boxes within close proximity to the excavation were removed during the excavation. Wastes generated during well destruction activities were placed in 55-gallon DOT approved drums and temporarily staged onsite for disposal during the upcoming remedial excavation.

3.3 DWR WELL COMPLETION FORMS

Department of Water Resources (DWR) Well Completion Reports have been completed and submitted. Copies of the DWR Well Completion Reports are included in Appendix C.

4.0 REMEDIAL ACTIONS

In December 2012, CRA contracted with American Integrated Services (AIS) of Fairfield, California to permit, excavate, backfill and restore the Site according to the RAP. AIS also provided the transport and offsite disposal of all soil. A summary of these remedial activities is presented below.

4.1 PERMITTING AND NOTIFICATIONS

CRA and AIS procured the following permits to complete the work scope:

- City of South San Francisco Hauling Permit.
- City of South San Francisco Grading Permit.

Copies of the above permits are included in Appendix B.

Notification of excavation activities was also given to GPP, Cal-OSHA, USA, BAAQMD, and the property owner.

4.2 EXCAVATION ACTIVITIES

Remedial excavation activities were conducted during December 2012. A total of 789 cubic yards of soil (approximately 3,209 square feet) was excavated from the Site to depths ranging from 6 to 10 ft bgs, as shown on Figure 3. Due to elevated PID readings and a request from the GPP, additional soil was excavated from below the former dispensers and along the southern boundary. Minimal groundwater was observed in the excavation pit. Moist soil and Bay Mud were observed at approximately 9 to 10 ft bgs.

During excavation, an interfering utility pole support guy wire and associated below ground anchor were removed and re-installed within the excavated area. Pacific Gas and Electric assisted with supporting the utility pole and replacement of the guy wire and anchor.

Following excavation, clean imported fill materials from Steven's Creek Quarry in Cupertino, California were placed into the excavation pit and compacted to a minimum of 90 percent relative density. A copy of the compaction report is included in Appendix E.

4.3 CONFIRMATION SOIL SAMPLING

As requested by GPP, four confirmation soil samples were collected along the north and northwest excavation boundary to determine the soil concentrations left in place in this area. The confirmation soil sampling locations are shown on Figure 3. The confirmation soil samples were collected from the base of the excavation at either 6 or 10 ft bgs. Soil samples were submitted under chain-of-custody to McCampbell Analytical of Pittsburg, California. The samples were analyzed for Total Petroleum Hydrocarbons as diesel (TPHd) by EPA Method 8015, Total Petroleum Hydrocarbons as gas (TPHg) by EPA Method 8015, benzene, toluene, ethylbenzene, total xylenes, naphthalene and methyl-tertiary butyl ether (MTBE) by EPA Method 8260.

Little to no hydrocarbons were detected in the four confirmation soil samples. The soil results are summarized on Figure 3 and tabulated in Table 1. A copy of the analytical report is included as Appendix D.

4.4 WASTE TRANSPORT AND DISPOSAL

AIS transported 996 tons of excavated soil via truck to Potrero Hills Landfill in Suisun City, California. Copies of the waste manifests documenting the transport and disposal of the soil, including the formerly stored well destruction wastes, are included in Appendix E.

4.5 FINAL SITE CONDITIONS

Following the excavation, backfilling, and compaction activities, the affected area was paved with six inches of asphalt to match the surrounding area.

5.0 POST-REMEDIAL GROUNDWATER MONITORING

As per CRA's RAP, post-remedial groundwater monitoring will be performed to evaluate the hydrocarbon concentrations remaining in groundwater. A grab groundwater sample will be collected from two soil borings drilled in and downgradient of the former source area. The proposed boring locations are shown on Figure 4.

The two soil borings will be permitted and drilled to first encountered groundwater (approximately 5 to 10 ft bgs). A grab groundwater sample will be collected from each soil boring using a new disposal bailer inserted into a temporary well casing, and the samples submitted for analysis of TPHd, TPHg, BTEX, and MTBE. Two rounds of drilling and groundwater sampling will be performed, once during the wet season (early-2013) and once during the dry season (mid-2013). Provided that the post-remedial groundwater quality is supportive of low risk site closure, a *Site Closure Request* will be prepared and submitted to the GPP.

FIGURES

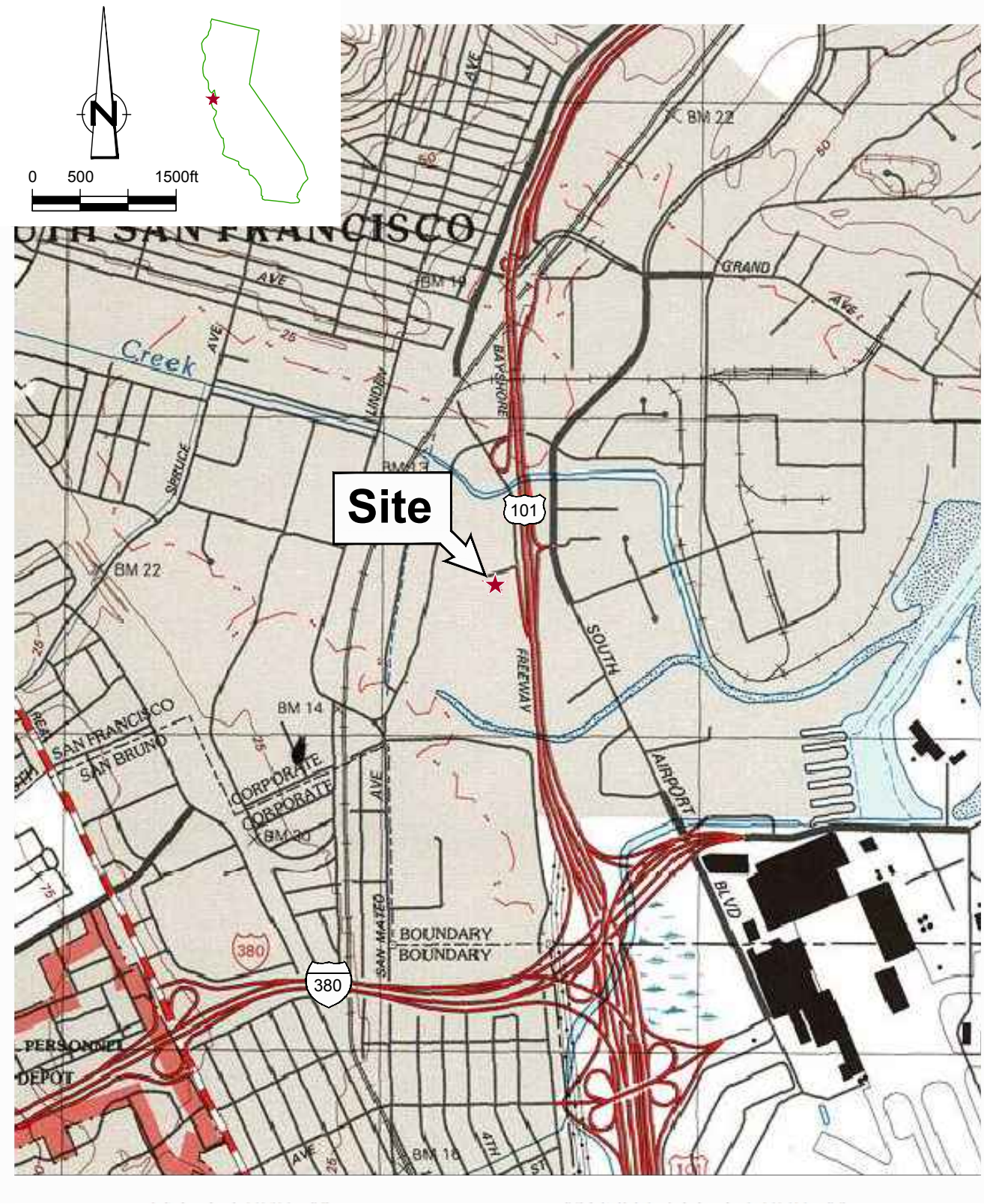
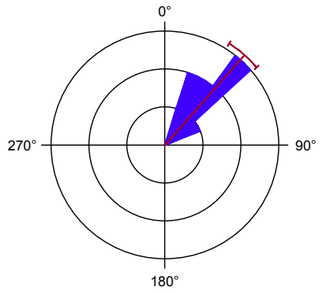


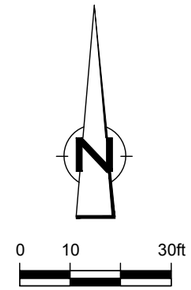
Figure 1

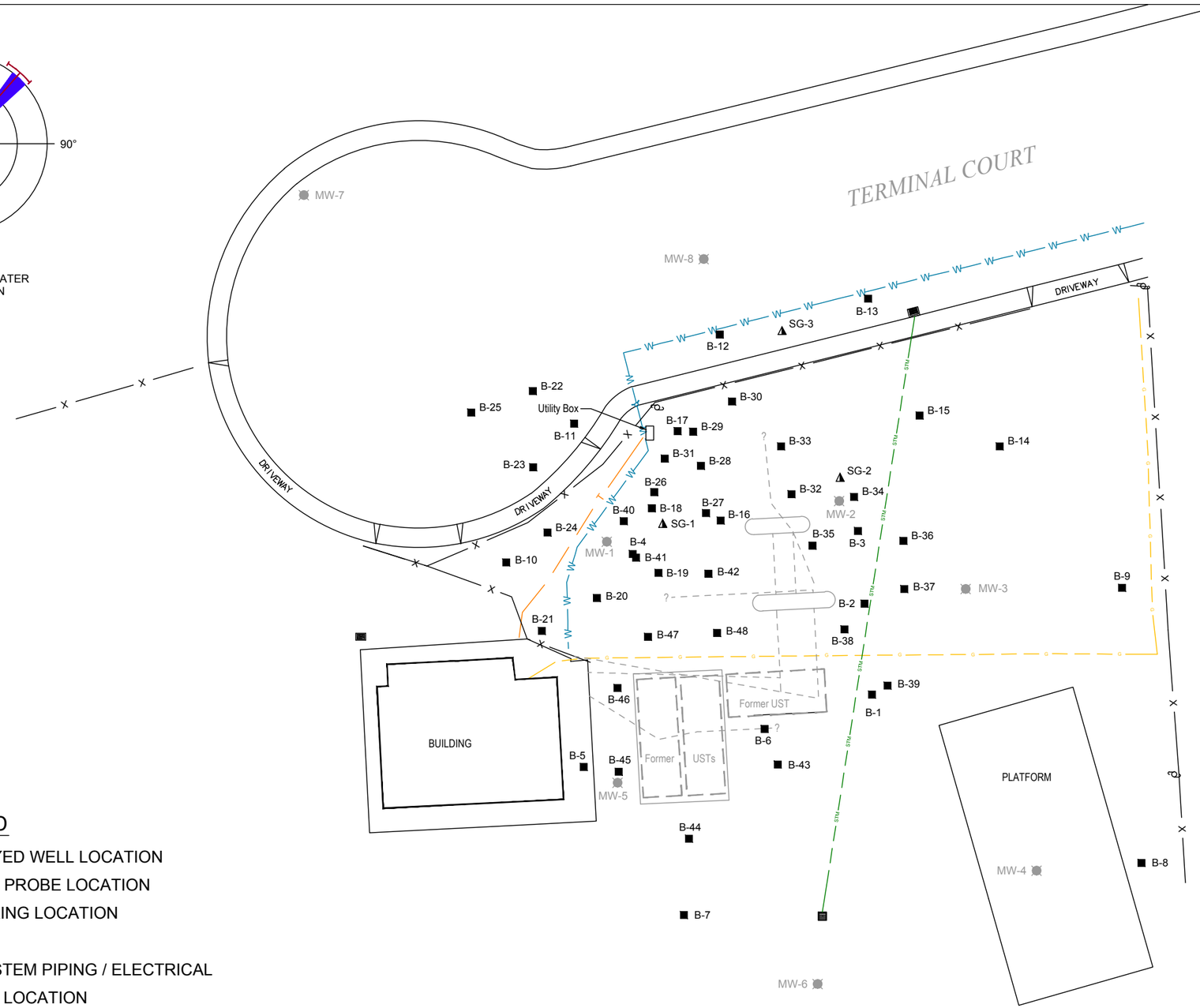
VICINITY MAP
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM001 JAN 18/2013



HISTORIC GROUNDWATER
FLOW DIRECTION





LEGEND

- DESTROYED WELL LOCATION
- SOIL GAS PROBE LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 2

SITE PLAN
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM002 JAN 18/2013

EX-3	
DEPTH	10.0'
TPHD	<1.0
TPHG	<0.25
BENZENE	0.016
MTBE	<0.005

EX-4	
DEPTH	10.0'
TPHD	<1.0
TPHG	<0.25
BENZENE	<0.005
MTBE	<0.005

EX-2	
DEPTH	6.0'
TPHD	2.3
TPHG	7.3
BENZENE	0.0054
MTBE	<0.005

EX-1	
DEPTH	6.0'
TPHD	<1.0
TPHG	<0.25
BENZENE	<0.005
MTBE	<0.005

TERMINAL COURT

DRIVEWAY

DRIVEWAY

DRIVEWAY

MW-8

B-13

B-12

B-22

B-25

Utility Box

B-11

B-23

B-30

B-29

B-17

B-31

B-28

B-33

B-15

B-14

MW-2

B-32

B-34

B-3

B-26

B-18

B-27

B-16

B-40

B-24

B-4

MW-1

B-41

B-10

B-19

B-42

B-35

B-36

B-37

MW-3

B-9

B-20

B-2

B-21

B-48

B-38

B-47

B-39

B-1

B-46

Former UST

B-6

BUILDING

B-5

B-45

Former

USTs

B-43

MW-5

PLATFORM

B-44

B-8

MW-4

B-7

MW-6

N

0 10 20ft

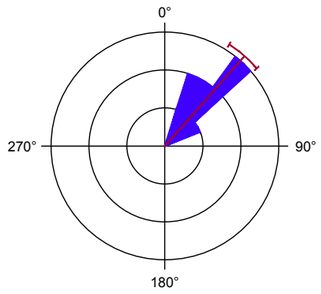
LEGEND

- SOIL SAMPLE LOCATION
- DESTROYED WELL LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION
- APPROXIMATE EXTENT OF EXCAVATION TO 6 FEET BELOW GRADE
  AREA = 3,209 SQUARE FEET
- APPROXIMATE EXTENT OF EXCAVATION FROM 6 FEET TO 10 FEET BELOW GRADE
  AREA = 254 SQUARE FEET (NORTHERN PIT)
  AREA = 349 SQUARE FEET (SOUTHERN PIT)

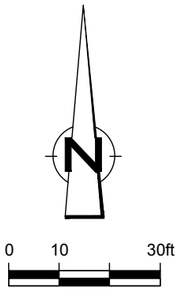
Figure 3

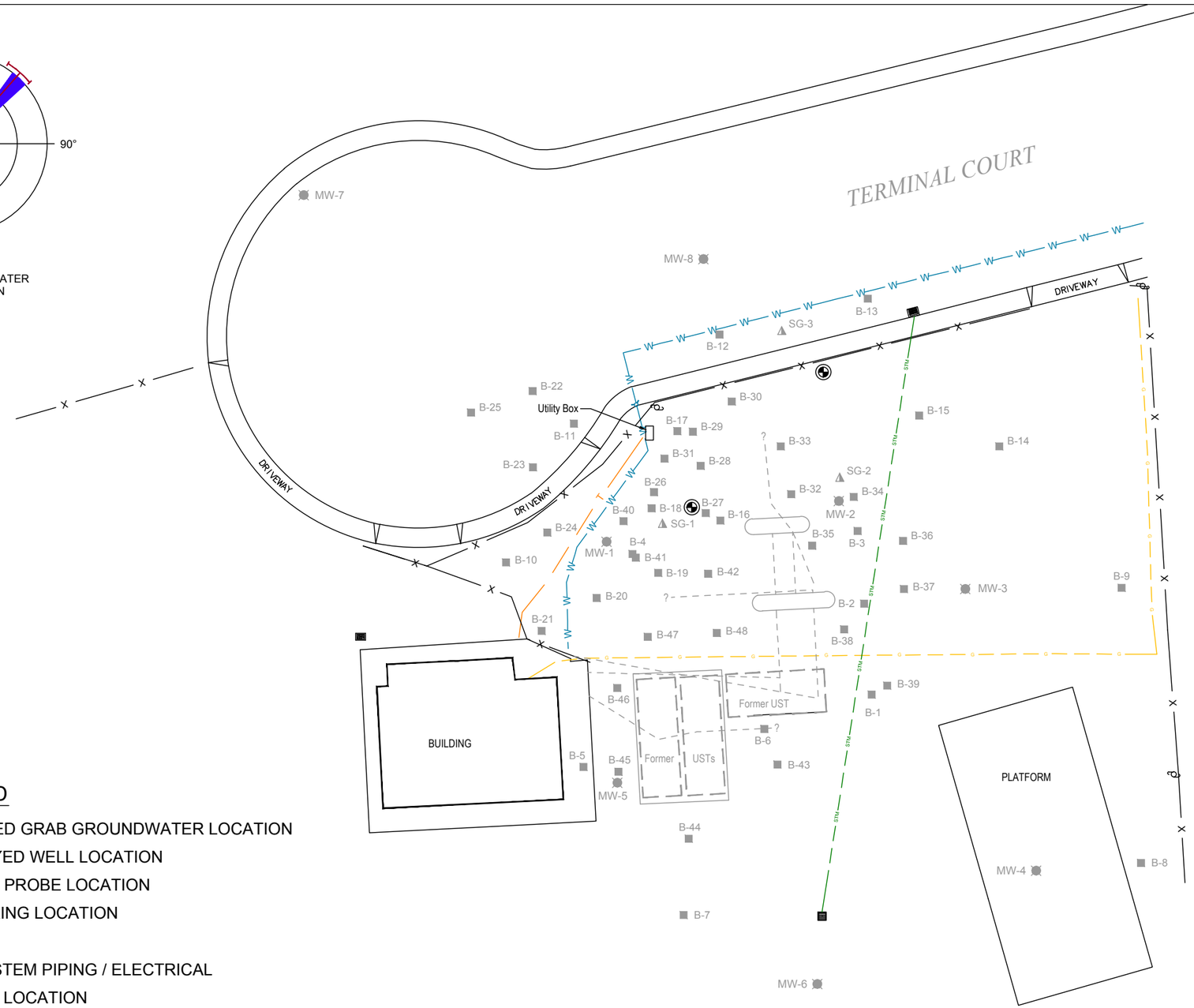
EXCAVATION EXTENTS AND SAMPLING LOCATIONS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM003 JAN 22/2013



HISTORIC GROUNDWATER
FLOW DIRECTION





LEGEND

- PROPOSED GRAB GROUNDWATER LOCATION
- DESTROYED WELL LOCATION
- SOIL GAS PROBE LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 4

PROPOSED GRAB GROUNDWATER LOCATIONS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM004 JAN 22/2013

TABLE

TABLE 1

SOIL ANALYTICAL DATA
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			←			mg/kg			→
Excavation Samples									
EX1	12/10/2012	6	<1.0	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005
EX2	12/10/2012	6	2.3[a]	7.3	0.0054	0.0073	0.047	0.23	<0.005
EX3	12/13/2012	10	<1.0	<0.25	0.016	<0.005	<0.005	<0.005	<0.005
EX4	12/13/2012	10	<1.0	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005

Notes:
ft bgs = Feet below ground surface
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015B with silica gel clean up
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8260B
Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8260B
MTBE = Methyl-tert-butyl ether by EPA Method 8260B
mg/kg = milligram per kilogram
a = diesel range compounds are significant, no recognizable pattern, stoddard solvent/mineral spirit (?)

APPENDIX A

REGULATORY CORRESPONDENCE

SAN MATEO COUNTY
HEALTH SYSTEM

August 15, 2012

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr. c/o Janet Heikel
janeth@ogpinc.net
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

Thank you for the *Subsurface Investigation and Remedial Action Plan,* submitted July 25, 2012 to the Geotracker website, by Conestoga-Rovers & Associates (CRA) for the above referenced site. San Mateo County Groundwater Protection Program (GPP) concurs with the proposed remedial action with the following comments and conditions.

- Please consider expanding the excavation boundaries to include borings B-48 and B-38 in order to remove potential secondary source. Confirmation samples collected during the fuel system removal may help inform modifications to the proposed excavation boundaries.

- In addition to the wells to be destroyed in the vicinity of the proposed excavation (MW-1, MW-2 and MW-5) please destroy all remaining wells (MW-3, MW-6, MW-7, and MW-8) as they do not appear to be located in areas useful for continued monitoring.

- Due to limited analytical data between the proposed excavation boundary and the street, please collect confirmation samples along this north and northwest excavation boundary in order to determine maximum soil concentrations left in place in this area.

- In addition to the proposed post-remedial groundwater monitoring samples to be collected directly down-gradient of the proposed excavation, please monitor post-remedial groundwater concentrations in the residual source area (i.e. B-16, B-18). This may be conducted by collecting grab samples from temporary borings over time or from properly installed monitoring wells. Well or boring locations with construction details should be approved by this office prior to installation.

Please notify this office at least two (2) business days prior to conducting any field work and submit a final report of remedial excavation no later than **January 11, 2013.**

As always, you may submit requested items at any time prior to the due date in order to expedite the progress of the overall site remediation. I can be reached at (650) 372-6298 or by e-mail at jmadden@smcgov.org to answer any questions you may have regarding this letter. Thank you for your cooperation.

Sincerely,

Jacob Madden
Hazardous Materials Specialist
Groundwater Protection Program

cc: Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandaa@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080

APPENDIX B

PERMITS

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 12- 1916

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
100 BLOCK TERMINAL CT, S SAN FRANCISCO

OWNER:
OLYMPIAN JV
1300 INDUSTRIAL RD STE 2
SAN CARLOS

WP0009165 FA0052077
NO APN LISTED
AMOUNT PAID: 577.00

CONTRACTOR:
WOODWARD DRILLING CO

TERMS & CONDITIONS:

MONITORING WELL INSTALL/ DESTRUCT (2)
CONSULTANT: CONESTOGA ROVERS & ASSOC
PROJECT MGR: RON SCHEELE
RO0001695

JACOB MADDEN

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 8/20/2012

EXPIRATION DATE: 12/20/2012

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

Amt 1154.00

PAID
CK. NO. 11374
DATE 8-14-12

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
AUG 14 2012
RECEIVED

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☒ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☐ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # ____
NO. OF WELLS 2 NO. OF BORINGS ____ WELL/BORING NAMES MW-7, MW-8

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Olympian JV 100's Block ASSESSOR'S PARCEL # ~~015113210~~ N/A (one per permit)
DRILLING LOCATION ADDRESS ~~125~~ Terminal Court CITY South San Francisco
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse ☐ other ____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings ____ (feet) Drilling Method drill-out
Boring Diameter 8" Casing Diameter 2" Filter Pack Interval ____ Screen Interval ____
Development Method NA (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☒ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd, Suite 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL janeth@ogpinc.net

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: VP **Date:** 8/14/12

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of South San Francisco CONTACT PERSON City Engineering Division
ADDRESS City ROW - Terminal Ct CITY, STATE, ZIP South San Francisco, CA 94080
TELEPHONE EMAIL

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: City of SSF - encroachment permit # ~~ENC~~ E12-0 **Date:** 212

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling Co. CONTACT PERSON Ryan Woodward
ADDRESS P.O. Box 336, 550 River Rd C57 DRILLERS LICENSE # 710079
CITY, STATE, ZIP Rio Vista, CA 94571 TELEPHONE/EMAIL (707) 374-4300

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Ryan E Woodward **Date:** 8-14-12

CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Associates PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis St, Suite A TELEPHONE (510) 420 - 0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses.
(Responsible Professional must be a California Professional Geologist or Civil Engineer.)
Responsible Professional's Name (Please print legibly) RON SCHEELE
Responsible Professional's Signature Ron Scheele **Date:** 8/13/12
California Professional Geologist (PG) No. # 6842 **or Civil Engineer (PE) No.**

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA52077

 2012 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is **required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2012 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ RO FA# 1695 Date: 8-15-2012

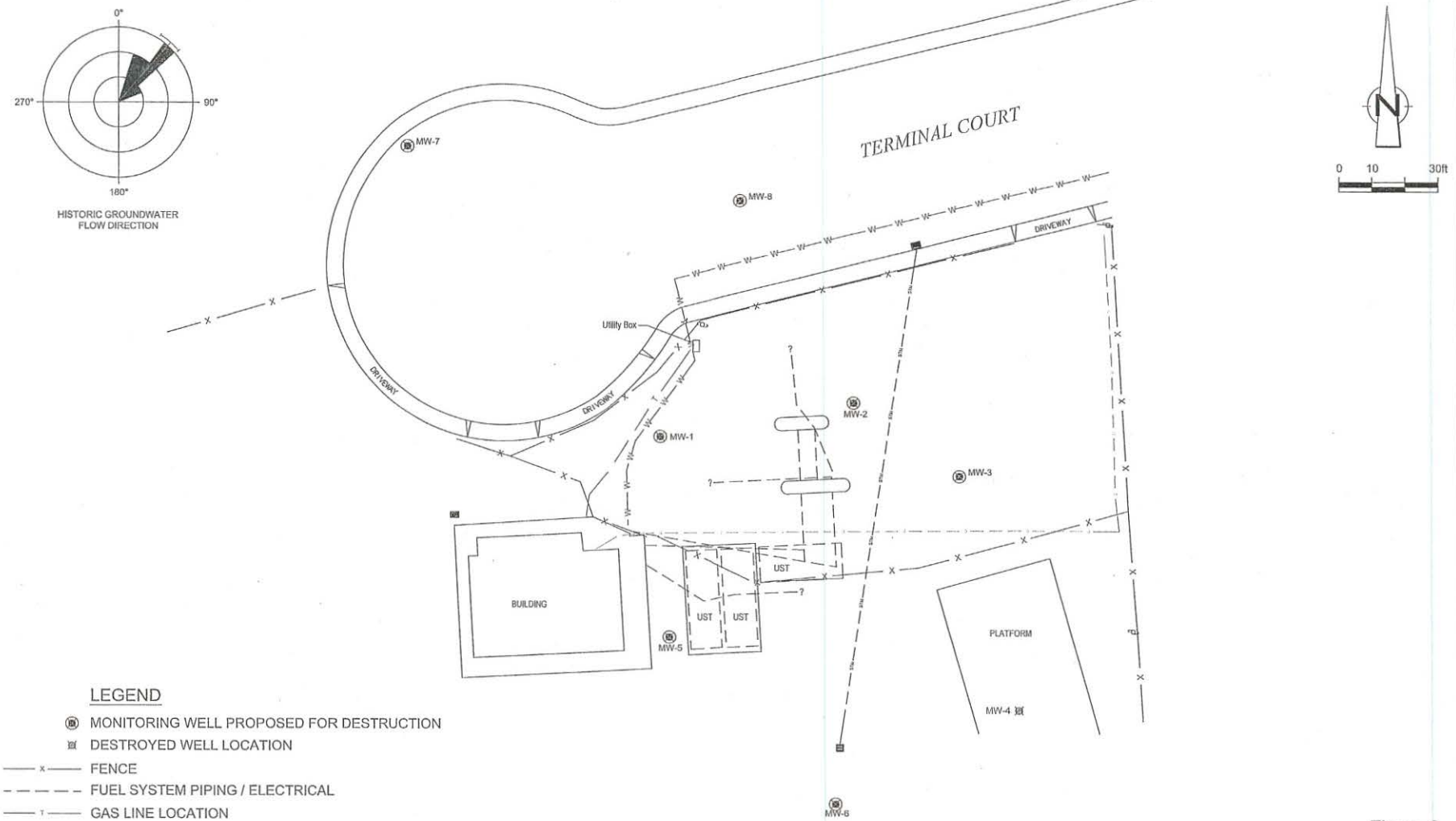


Figure 2

WELLS PROPOSED FOR DESTRUCTION
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM010 AUG 10/2012

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 12- 1917

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
131 TERMINAL CT, S SAN FRANCISCO

OWNER:
OLYMPIAN JV
1300 INDUSTRIAL RD STE 2
SAN CARLOS

WP0009166 FA0051497
015113210
AMOUNT PAID: 577.00

CONTRACTOR:
WOODWARD DRILLING CO

TERMS & CONDITIONS:

MONITORING WELL INSTALL/ DESTRUCT (5)
CONSULTANT: CONESTOGA ROVERS & ASSOC
PROJECT MGR: RON SCHEELE
RO0001695

JACOB MADDEN
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 8/20/2012

EXPIRATION DATE: 12/20/2012

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
AUG 14 2012
RECEIVED

PURPOSE OF APPLICATION: ☒ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☐ CONSTRUCT SOIL BORINGS ☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 5 NO. OF BORINGS _____ WELL/BORING NAMES MW-1 through MW3, MW5 MW6

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY: ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Olympian JV ASSESSOR'S PARCEL # 015113210 (one per permit)
DRILLING LOCATION ADDRESS 131 Terminal Court CITY South San Francisco
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings _____ (feet) Drilling Method drill-out
Boring Diameter 8" Casing Diameter 2" Filter Pack Interval _____ Screen Interval _____
Development Method NA (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☒ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd, Suite 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL janeth@ogpinc.net
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: [signature] VP **Date:** 8/14/12

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Primo Ripetta
ADDRESS 131 Terminal Court CITY, STATE, ZIP South San Francisco, CA 94060
TELEPHONE (650) 583-4896 EMAIL ggpt2inc@aol.com
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: _____ **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling Co CONTACT PERSON Ryan Woodward
ADDRESS P.O. Box 336, 550 River Rd C57 DRILLERS LICENSE # 710079
CITY, STATE, ZIP Rio Vista, CA 94571 TELEPHONE/EMAIL (707) 374-4300
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Ryan E Woodward **Date:** 8-14-12

CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Associates PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis St, Suite A TELEPHONE (510) 420-0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com
I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses.
(Responsible Professional must be a California Professional Geologist or Civil Engineer.)
Responsible Professional's Name (Please print legibly) RON SCHEELE
Responsible Professional's Signature [signature] **Date:** 8/13/12
California Professional Geologist (PG) No. # 6842 **or Civil Engineer (PE) No.**

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA51497

 2012 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is **required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2012 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ RO FA# 1695 Date: 8-15-2012

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
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NO. OF WELLS 5 NO. OF BORINGS _____ WELL/BORING NAMES _____

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
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WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd, Suite 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL janeth@ogpinc.net

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's/Contact Person's Signature: _____ **Date:** _____

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Primo Ripetta
ADDRESS 131 Terminal Court CITY, STATE, ZIP South San Francisco, CA 94060
TELEPHONE (650) 583-4886 EMAIL ggpt2inc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: _____ **Date:** 8-14-12

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling Co CONTACT PERSON Ryan Woodward
ADDRESS P.O. Box 336, 550 River Rd C57 DRILLERS LICENSE # 710079
CITY, STATE, ZIP Rio Vista, CA 94571 TELEPHONE/EMAIL (707) 374-4300

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: _____ **Date:** _____

CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Associates PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis St, Suite A TELEPHONE (510) 420 - 0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

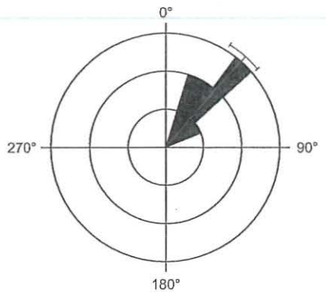
Responsible Professional's Name (Please print legibly) _____

Responsible Professional's Signature _____ **Date:** _____

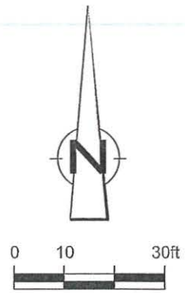
California Professional Geologist (PG) No. _____ **or Civil Engineer (PE) No.** _____

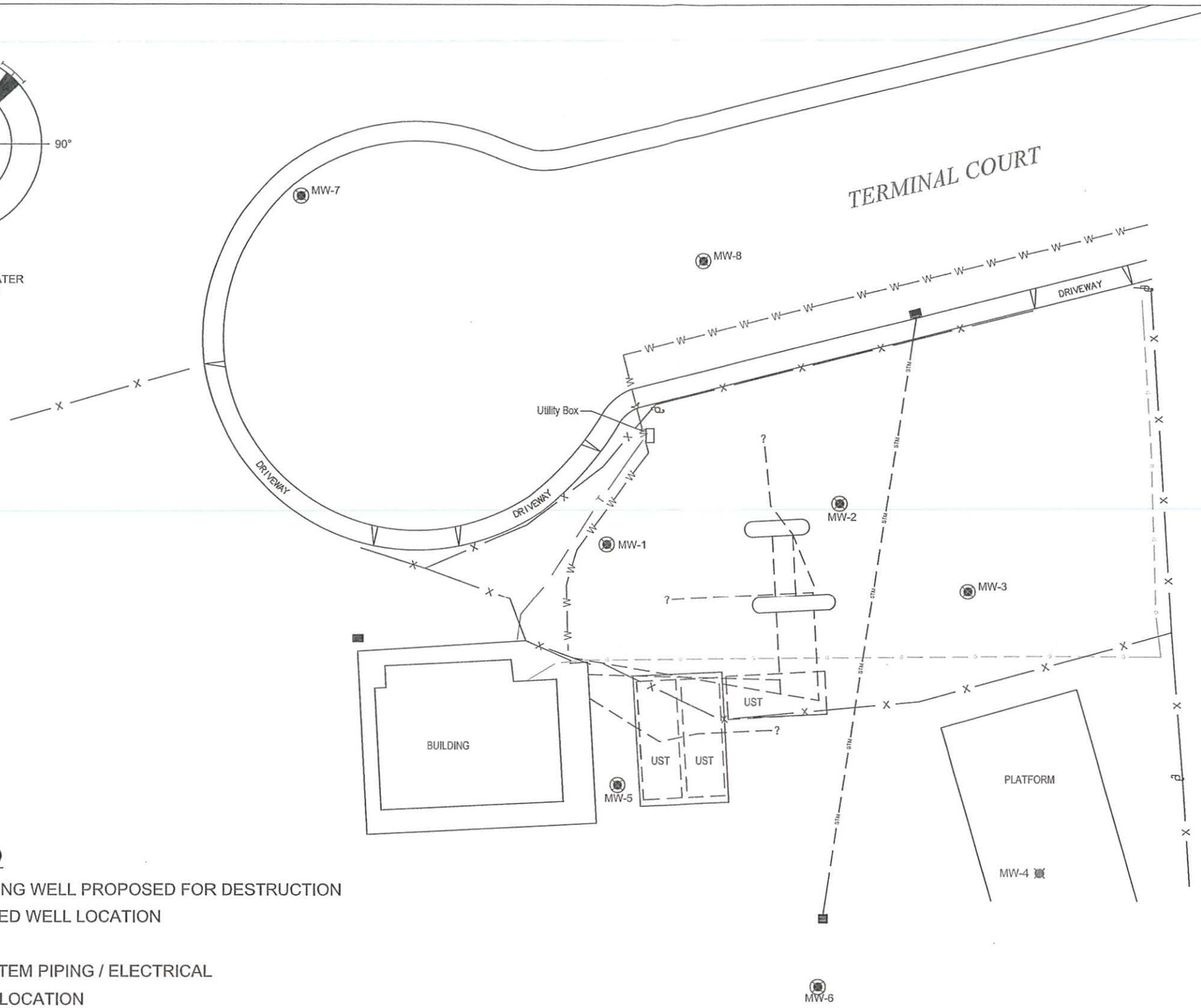
Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1



HISTORIC GROUNDWATER
FLOW DIRECTION





LEGEND

- MONITORING WELL PROPOSED FOR DESTRUCTION
- DESTROYED WELL LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 2

WELLS PROPOSED FOR DESTRUCTION
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM010 AUG 10/2012

CITY OF SOUTH SAN FRANCISCO

ENGINEERING DIVISION
315 MAPLE AVENUE, SOUTH SAN FRANCISCO, CA 94080

FOR INSPECTIONS
CALL (650) 877-8554
24 HR in Advance

Barry Mammini
↳ Inspector
650-877-8554

PERMIT TO BE KEPT PREMISES AT ALL

ENCROACHMENT PERMIT

(PLEASE PRINT OR TYPE)

The Encroachment Permit can only be issued to a licensed contractor with a valid license.

NAME OF APPLICANT	REPRESENTING	LOCATION OF WORK
Conestoga - Rovers & Associates Tarah Kirnan	☒ OWNER ☐ CONTRACTOR	City ROW - Terminal Ct.

NAME OF PROPERTY OWNER	ADDRESS	CITY, STATE ZIP	TELEPHONE
Golden Gate Produce Primo Ripetta	131 Terminal Ct.	, South San Francisco, CA 94060	(650) 583-4886

NAME OF CONTRACTOR	ADDRESS	CITY, STATE ZIP	TELEPHONE
Conestoga-Rovers & Associates	5900 Hollis St, Suite A	, Emeryville, CA 94608	(510) 420-3325

CA. CONTR. LICENSE #	SSF BUSINESS LICENSE #	USA# (NOT VALID W/O #)	ESTIMATED START DATE	ESTIMATED COMPLETION DATE
855376	103946	207455	roadwork: 8/27/12 sidewalk work: 9/14/12	roadwork: 8/30/12 sidewalk work: 10/1/12

ESTIMATED CONSTRUCTION COST: (ESTIMATE WORK IN CITY RIGHT OF WAY ONLY. DO NOT INCLUDE VALUE OF UTILITY.)	DIMENSIONS OF EXCAVATION (ATTACH COPY OF CAL/OSHA PERMIT IF DEPTH IS 5 FEET OR MORE)
$4,700	

DESCRIPTION OF WORK: *(ATTACH MAP AND PLANS AND/OR REFERENCE APPLICABLE CITY STANDARD PLAN DRAWINGS)*
Roadwork: Destroy two monitoring wells by drill-out method in the City of South San Francisco right of way in Terminal Ct, see attached traffic control plan.
Sidewalk work: Contractor staging a vehicle on sidewalk at 131 Terminal Ct for a maximum of two days, dates currently not known, see attached traffic control plan.

GENERAL CONDITIONS

1. Construction permits shall have the approval of the City Engineer and /or a designated representative and shall be in conformance with Standard Plan Drawings of the City of South San Francisco.
2. All work shall be done subject to the supervision and to the satisfaction of the Public Works Department. Cuts in the street must be neat and straight, and sidewalks must be saw cut. **IMPORTANT: Call "Before you Dig" 1-800-227-2600.**
3. Excavation and shoring that is 5 feet deep or more shall conform to CAL/OSHA requirements.
4. Excavations MUST be covered at the end of each working day as directed by the Public Works Inspector. Provisions for two-way traffic shall be maintained at all times and must conform to Caltrans construction safety standards. The first two inspections are included in the cost of the Encroachment Permit. For each additional inspection, the Contractor shall pay $100 prior to additional inspections. Payments shall be made in the Engineering Division.
7. Encroachment Permit Deposits will be refunded upon proper installation of facilities, compaction of backfill, and replacement of pavement to satisfaction of the Public Works Inspector. Please call (650)877-8554 for a final inspection. Refund of deposit will **automatically** be processed upon receiving a satisfactory final inspection. Please allow a few weeks for processing.
8. Applicant shall hold the City of South San Francisco and its employees, agents and representatives harmless and assume all liability for claims which may arise by or because of this permit; nor by issuance of this permit shall the City of South San Francisco and its employees, agents and representatives assume any obligation for future changes made by or because of design, construction, maintenance and/or traffic.
9. All construction projects are required to comply with the Bay Area Air Quality Management District's (BAAQMD) dust control

SPECIAL CONDITIONS *(LEAVE BLANK FOR USE BY CITY STAFF.)*

STD. DETAIL DWGS HANDED OUT

REFUND DEPOSIT TO: Conestoga - Rovers & Associates 5900 Hollis St, Suite A, Emeryville, CA 94608

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS PERMIT AND THE ABOVE CONDITIONS, THAT THE INFORMATION GIVEN BY ME IS CORRECT, THAT I AM THE OWNER OR THE DULY AUTHORIZED AGENT OF THE OWNER, AND THAT I AGREE TO COMPLY WITH THE ABOVE CONDITIONS AND ALL APPLICABLE PROVISIONS OF STATE LAWS, CITY ORDINANCES, AND THE RULES OF ANY GOVERNMENTAL AGENCY INVOLVED.

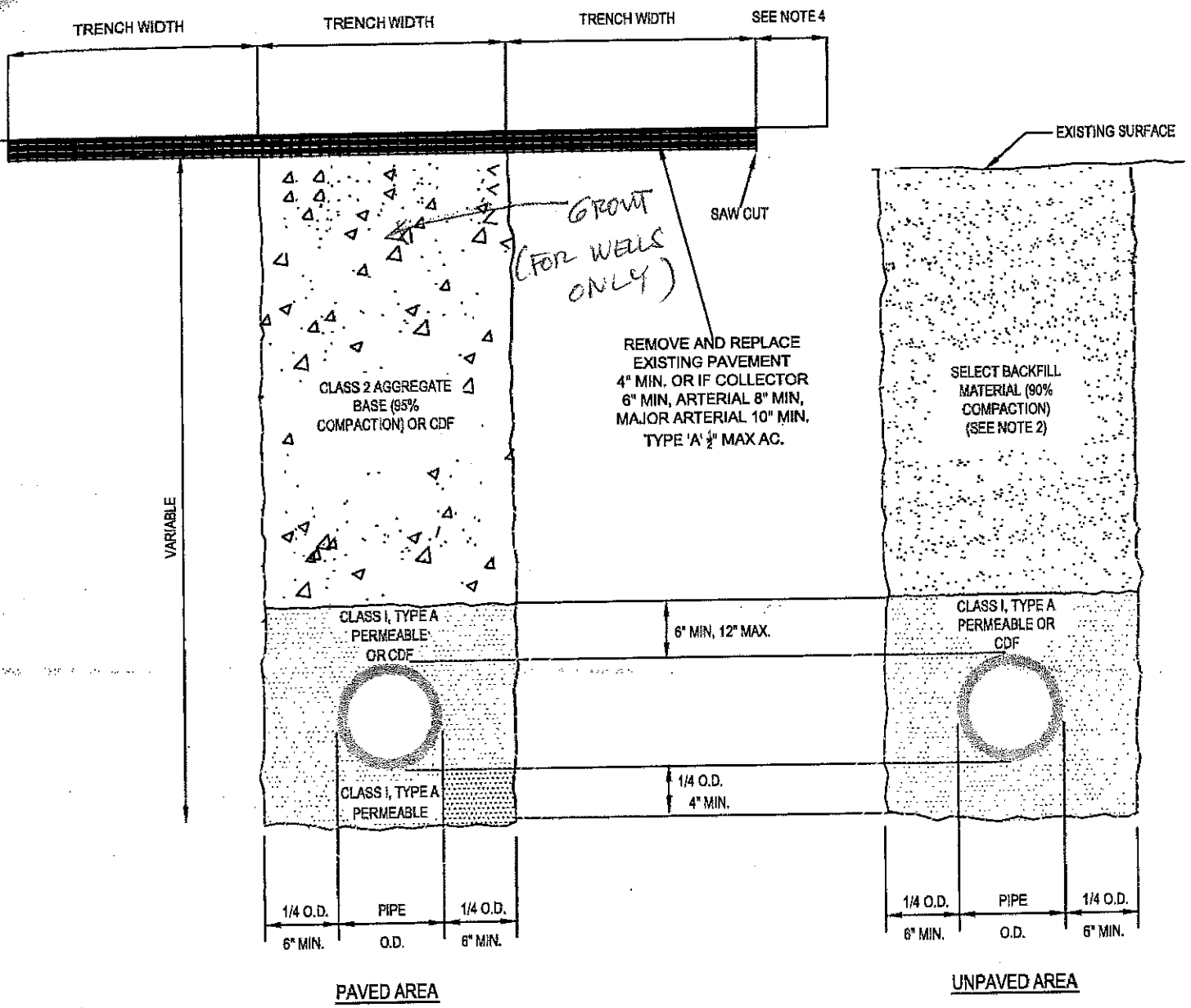
SIGNATURE OF APPLICANT *(OWNER OR AUTHORIZED AGENT)*	TITLE	DATE
Tarah Kirnan Conestoga-Rovers & Associates	Staff Geologist	8/13/2012

DO NOT WRITE BELOW THIS LINE - FOR USE BY CITY STAFF

PERMIT EXPIRES	Permit Fee (Non-Refundable)		Reinspection Fee
8/14/12	Inspection Fee (Non-Refundable) 150		Permit Deposit (Refundable) 4,700
ISSUED BY CITY ENGINEER	DATE ISSUED 8/14/12	DATE U.S.A. # RECEIVED	TOTAL DUE TO THE CITY ☒ PAID ☐ INVOICE 4850
APPROVED BY P.W. INSPECTOR	DATE	ENGINEER'S ESTIMATE	RECEIPT NO. DATE:

CC: INSPECTOR, FILE

PERMIT NO: E12-0212



NOTES:

1. CLASS i, TYPE A PERMEABLE MATERIAL PER CALTRANS STANDARDS SPECIFICATIONS, SECTION 68-1.025, COMPACTED TO 95%. AT LEAST 75% OF THE PARTICLES SHALL HAVE ONE OR MORE FRACTURED FACES.
2. SELECTED BACKFILL MATERIAL SHALL BE MATERIAL FROM EXCAVATION, FREE FROM STONES OR LUMPS EXCEEDING 3" IN GREATEST DIMENSION, VEGETABLE MATTER, OR UNSATISFACTORY MATERIAL.
3. CONTROLLED DENSITY FILL PAVEMENT(CDF) SHALL BE APPROVED BY THE CITY ENGINEER.
4. IF THE OUTER EDGE OF THE REPLACEMENT WIDTH IS WITHIN 36" FROM THE LIP OF THE GUTTER, THE ENTIRE PAVEMENT SECTION BETWEEN THE TRENCH AND THE LIP OF THE GUTTER SHALL BE REMOVED AND REPLACED.
5. ANY SERVICE LATERAL CROSSING THE PIPE SHALL HAVE A MINIMUM OF 6" CLEARANCE.
6. FOR BELLHOLE EXCAVATION, PAVEMENT REPLACEMENT SHALL BE EXTENDED 1 FT MINIMUM FROM OUTER EDGE.

NO.	DATE	REVISION	BY	APP.
3				
2				
1				

CITY OF SOUTH SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS

TYPICAL UTILITY TRENCH DETAIL

SCALE: NTS
APPROVED:
DRAWN: KCM
DATE: May 03, 2012
CHECKED: SB
SHEET
DRAWING NO. R-4

G:\Drawings\Std's for Public Improv Dwgs\Standard Drawings\DRAWINGS.DWG [Typical Trench.dwg]

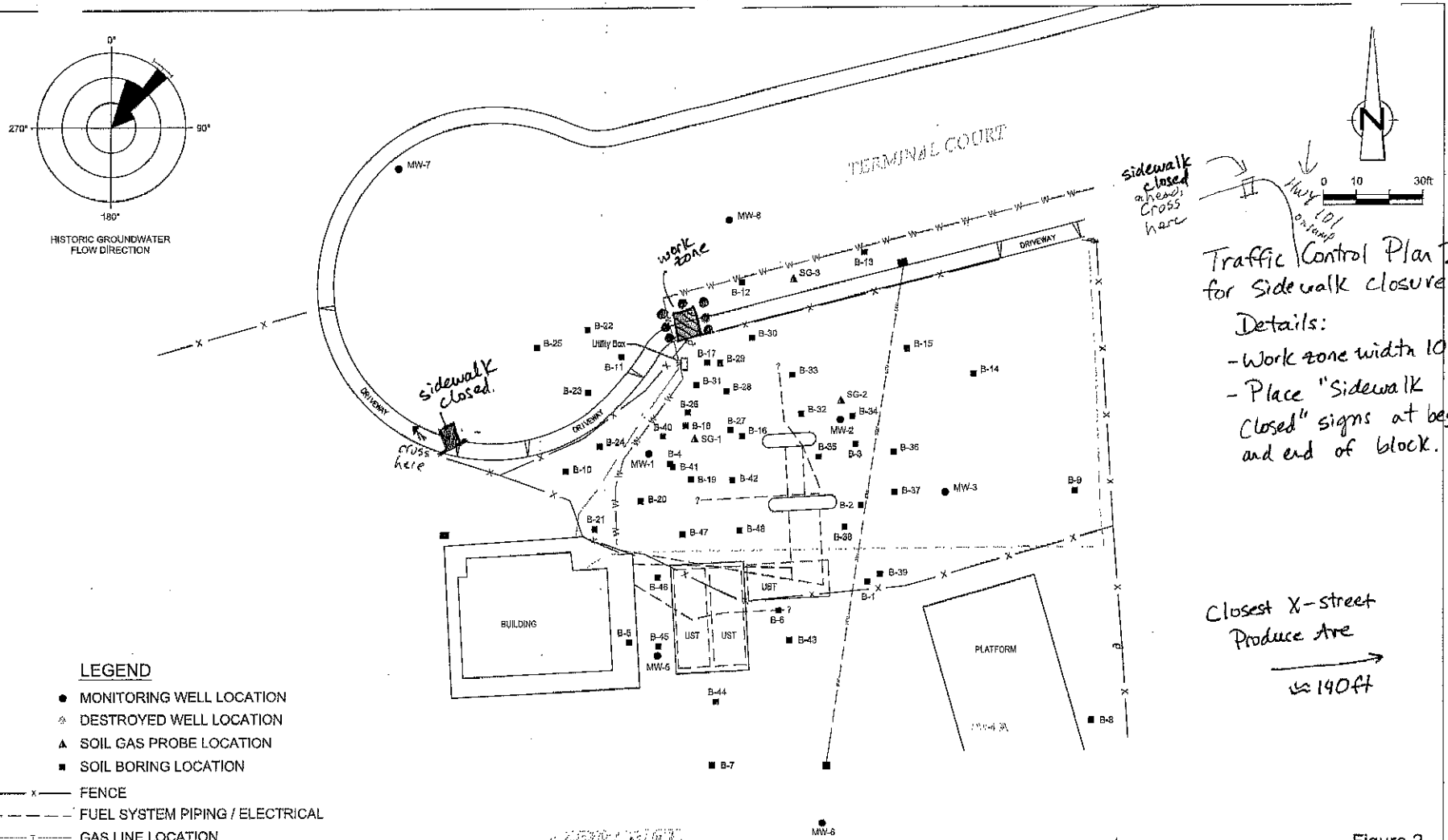


Figure 2

SITE PLAN
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-2012(010)GN-EM002 JUL 24/2012

OFFICE OF

THE CITY ENGINEER

PHONE (650) 829-6652

FAX (650) 829-6689

CITY COUNCIL 2012

PEDRO GONZALEZ, MAYOR
KARYL MATSUMOTO, MAYOR PRO TEM
MARK ADDIEGO, COUNCILMEMBER
RICHARD A. GARBARINO, COUNCILMEMBER
KEVIN MULLIN, COUNCILMEMBER

BARRY M. NAGEL, CITY MANAGER

November 30, 2012

Mr. Ryan Harding
General Manager – Northern California Operations
American Integrated Services, Inc.
1070 Horizon Drive, Suite A
Fairfield, CA 94533

RE: Grading Permit No. E12-0310 for 131 Terminal Court

Dear Mr. Harding:

The City has processed the Grading Permit for 131 Terminal Court. Your copy is attached. If you have any questions, please call me at (650) 829-6663.

Please notify Rob Lecel, Senior Environmental Compliance Inspector at (650) 877-8555, ext. 3882, and Kelvin Munar, Public Works Inspector at (650) 829-6652, ext. 6661, at least 72 hours prior to start of construction.

If you have any questions, please call me at (650) 829-6663.

Sincerely,

Dennis Chuck
Senior Civil Engineer

Attachment: Grading Permit No. E12-0310

GRADING PERMIT
NO. E 12-0310

South San Francisco, California

In accordance with South San Francisco Municipal Code Chapter 15.08 and Section 19.24.150 and City Council Resolution No. 22-87 this Grading Permit is issued as of the date that this Permit is signed by the City Engineer on Page 7, to the Permittees named on Schedule 1, Line 2, to conduct grading operations in an amount estimated on Schedule 1 Line 3A, on the site described on Schedule 1 Line 3 and shown on the grading plan, title of which is set forth on Schedule 1 Line 4B, which is hereinafter referred to as "Plan", subject to the following terms and conditions:

1. Permittees shall cause the grading to be done under the immediate supervision of a State registered geotechnical engineer who shall certify upon completion of the grading work that the work was done under his, or her, supervision in accordance with the "Plan" and "Geotechnical Report" described in Schedule 1 Lines 4A and 4B.

2. This permit shall expire on the date set forth in Schedule 1 Line 7. The permit may be extended by the City Engineer, at his option, upon written request of the applicant.

3. In accordance with the provisions of the Uniform Building Code, as adopted in Chapter 15.08 of the South San Francisco Municipal Code: during the period between November 1 and May 1, no grading work in excess of two hundred (200) cubic yards is permitted except as required to maintain temporary erosion control devices, desilting basins and the approved winterization improvements. The Permittees shall accomplish all emergency public safety related work, as required by the City to correct hazards within twenty-four (24) hours of receiving oral or written notification by the City Engineer or his authorized representative. If the Permittees do not commence the emergency work within twenty-four (24) hours of contacting, or attempting to contact, the Permittees at their twenty-four (24) hours phone number listed on Page 6 of this permit, the City Engineer may order City forces or a private contractor to accomplish the work and charge the costs to the Permittees.

4. Permittees shall control dust by the use of an adequate number of water trucks and any other methods recommended by the soils engineer to protect public and private property in the vicinity or adjacent to the area from annoyance or damage from dust caused by the grading operations. Permittees shall conduct dust and erosion control operations seven days a week, twenty-four hours a day. Should Permittees neglect to control the dust or erosion as herein provided, City may suspend the grading operation by written notice to Permittees, requiring that all operations cease until a reasonable schedule or plan for dust control is filed with the City Engineer.

5. Permittees shall make available to the City Engineer or his representative, any and all documents, maps or reports concerned with the grading operations and shall permit inspections of the fill material at the site by the City Engineer or his

representative, in order that adequate inspection may be made to determine whether the property is being filled and graded in accordance with this permit.

6. Permittees should conduct the grading operations so as not to damage the property in the vicinity of the grading site and so as to not leave uncompleted dangerous cuts or embankments. Should Permittees leave uncompleted work in a hazardous condition or with dangerous cuts or embankments, the City may order the work completed or the dangerous cuts or embankments removed or made safe at the cost and expense of the Permittees.

7. Permittees shall clear and prepare the site as recommended in the geotechnical report and as required by the geotechnical engineer. Materials for the fill shall consist of materials approved by the geotechnical engineer and may be obtained from the excavation of lands, borrow pits or any other approved sources.

8. Permittees shall compact all fills in lifts as recommended in the soils report and as required by the geotechnical engineer. Field destiny tests shall be made at intervals determined by the geotechnical engineer. No additional layers of fill shall be spread until the field density tests indicate that the specified density has been obtained. The geotechnical engineer shall have authority to and shall order work stopped until the underlying layers have been compacted to the specified density, should compaction tests show compaction below standard. Where loose materials remain on the slope after the final elevation of the slope has been obtained, the loose materials shall either be removed or to be compacted, in accordance with the requirements of the geotechnical report and the geotechnical engineer.

9. Permittees should have the geotechnical engineer to maintain on the site at all times during the placement of fill, or the pertinent work, a qualified representative who shall certify to the proper compaction of all fills and to the adherence with all other requirements set forth herein as the work progresses.

10. Permittees shall file with the City, prior to issuance of this permit, an agreement between the Permittees and the geotechnical engineer providing that the geotechnical engineer will inspect an supervise the grading operations to assure that it is being conducted in accordance with the terms of this permit, and further providing that upon completion of the grading work and the construction and installation, the geotechnical engineer shall submit a final report to the City Engineer stating that all cut, fill and slope areas have been constructed and compacted in accordance with the "Geotechnical Report" and the "Plan" specified in the terms of this permit. Permittees shall further file with the City a final grading map showing thereon the location of control compacted filled ground, original and final contour lines and finished grade elevations, as constructed and locations of all surface and sub-surface drainage pipes and structures. The drainage pipes and structures shall be private property unless there is dedication formally made by the property owner and accepted by the City Council.

11. Permittees shall file with the City, prior the issuance of a permit, an agreement between Permittees and their geotechnical engineer preparing the geotechnical report for the grading operation and conducting on-site inspections and reports and specifying that the geotechnical engineer will indemnify and hold harmless,

Permittees and the City it's officers, employees, agents, boards and commissions, whether elected or appointed, from and against all claims, suits, losses, and damages arising out of the performance of the work hereunder, which is (1) for bodily injury, illness, or death, or for property damage, and (2) caused in whole or in part by any willful or negligent act or omission of the geotechnical engineer in connection with the performance of their work herein. In the event of concurrent negligence, then the liability for any and all claims for personal injury (including death) and property damage arising out of performance of this permit shall be apportioned under the California theory of comparative negligence as established presently, or as may hereafter be modified. Each party to this permit involved in the proposed work will be responsible for all costs, including attorneys fees, arising from any claim to which this permit applies.

12. Permittees shall hold harmless indemnify and, at City's request, defend City, it's officers, employees, agents, boards and commissions, whether elected or appointed, from and against all claims, demands, actions, causes of action, losses, damages, liabilities, costs and expenses, including but not limited to reasonable attorney's fees or obligations, or in connection with personal injury (including, but not limited to death), or damage to property (both real and personal) which arises out of, or is in any way connected with, the negligent act, error or omission of Permittee or its agents, subcontractors or employees in connection with the performance of the work defined herein.

13. The Permittees shall take out and maintain during the life of this Grading Permit the following policies of insurance:

(A) Worker's Compensation and Employers' Liability Insurance in the statutory coverage.

In signing this agreement, the Permittee makes the following certification:

> "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for Workers Compensation or to undertake self-insurance in accordance with the provisions of the code, and I will comply with such provisions before commencing the performance of the work authorized by this Agreement."

(B) Commercial General Liability Insurance:

In an amount not less than FIVE HUNDRED THOUSAND DOLLARS ($500,000) for injuries including, but not limited to, death to any one person and subject to the same limit for each person, in an amount not less than ONE MILLION DOLLARS ($1,000,000) combined single limit per occurrence for bodily injury, personal injury and property damage.

(C) Automobile Liability (Code 1 Insurance):

In an amount not less than FIVE HUNDRED THOUSAND DOLLARS ($500,000) combined single limit per accident for bodily injury and property damage.

(D) Contractual Liability Insurance:

Permittees shall take out and maintain during the life of this Grading Permit an insurance policy in the amount of at least ONE MILLION DOLLARS ($1,000,000), insuring City, its elective and appointive boards, commissions, officers, agents and employees, and Permittees against damages sustained by reason of any action or actions at law or in equity, and/or any claims or demands by reasons of any breach or alleged breach of any contract or provisions therefore, or by reason of any contractual liability, or alleged contractual liability arising out of any contract entered into by Permittee and/or any of its agents or employees in order to perform the work defined herein.

(E) It is agreed that the insurance required by Subsections B, C, and D shall be in an aggregate amount of not less than ONE MILLION FIVE HUNDRED THOUSAND DOLLARS ($1,500,000) and shall be extended to include as insureds: the City of South San Francisco, its elective and appointed officers, boards, Commissions, agents, employees and volunteers, with respect to operations performed by the Permittees as described herein. The coverage shall contain no special limitations on the scope of protection afforded to the City. Evidence of the insurance described above shall provided to the City upon execution of this Grading Permit and shall be subjected to approval by the City Attorney as to form, amount and carrier. The policy of insurance shall also contain a provision indicating that such insurance shall not be reduced or cancelled except upon thirty (30) days written notice to the City. In addition, the following endorsement shall be made on the policy of insurance:

> " Notwithstanding any other provisions in this policy, the insurance afforded hereunder to the City of South San Francisco shall be primary as to any other insurance or reinsurance covering or available to the City of South San Francisco, and such other insurance or reinsurance shall not be required to contribute to any liability or loss, until and unless, the approximate limit of liability afforded hereunder is exhausted."

14. The City Engineer shall designate the haul route for Permittees, should one be necessary, and shall file a description of the haul route with the City Clerk together with this permit. The haul route, if any, is set forth in Schedule 1, Line 5A. Permittees or Permittees' hauling contractor shall file with City, a corporate surety bond in the principal sum set forth in Schedule 1, Line 5B, to secure the performance and to assure compliance with the provisions of Section 13.04.160 and Chapter 15.08 of the South San Francisco Municipal Code, or its successor.

15. Permittees shall conduct the grading work and place the fill in accordance with the "Plan", and Geotechnical Report referred to.

16. In addition to the requirements set forth above, this Permit is subject to the special conditions set forth in Exhibit "A" to Schedule 1.

17. The City Engineer is authorized to enforce the terms and conditions of this permit. If Permittees neglect, refuse or otherwise fail to comply with terms and conditions of this permit, the City Engineer shall proceed as follows:

(A) Notice to Comply. The City Engineer shall issue in writing to Permittees a Notice to Comply, stating therein the act or acts required to comply with the terms and conditions of the permit, establishing a time for the performance of the act or acts, which shall not be less than five (5) days after receipt of the notice, and informing Permitees that upon failure to so comply, a Notice of Suspension will issue on the sixth day after receipt of the Notice to Comply. Permittees, within five (5) days after receipt of the notice. Comply may file a Request for review with the City Manager, who within five (5) days after receipt therefore shall set a conference meeting with the City Engineer and Permittees for the purpose of confirming, modifying or ordering withdrawal of the Notice to Comply. If Permittees file the Request for Review, issuance of a Notice of Suspension shall be stayed until the City Manager confirms, modifies or revokes the Notice to Comply.

(B) Notice of Suspension. The City Engineer shall issue a notice of suspension if:

(1) Permittees neglect, refuses or otherwise fail to do the act or acts required the Notice to Comply within the time stated, unless Permittees have filed a Request for Review.

(2) Permittees neglect, refuse or otherwise fail to do the act or acts required by the Notice to Comply as confirmed or modified by the City Manager within five (5) days after the confirmation or modification.

Within five days after receipt of the Notice of Suspension, Permittees may file an appeal with the City Council, upon receipt of which the City Clerk shall set a hearing before the Council for the next regular meeting, for the purpose of having the Council confirm, modify or revoke the Notice to Comply and Notice of Suspension. If Permittees file the Appeal, the Notice of Suspension shall be stayed until the Council confirms, modifies or revokes the Notice to Comply and Notice of Suspension. If the Council confirms or modifies same, then Permittees shall comply within five (5) days after Council's order, and upon Permittees' neglect, refusal, or failure to perform the act or acts so required, then on the sixth day after Council's order, the permit shall stand suspended and Permittees shall cease grading the parcel. If on the thirtieth day after the order Permittees have not performed the act or acts so required, then the permit shall stand revoked, unless on or before the thirtieth day the Council extends the time for performance.

18. The City Engineer may order a review of this permit, the "Plan" and "Geotechnical Report" and performance of work for the purpose of modifying the permit or requiring remedial work, after hearing thereon, notice of which shall be given to Permittees ten (10) days prior to the date set for hearing. If the City Engineer determines at the hearing that modification and/or remedial work is required, then he may require a modification and/or order Permittees to perform

the remedial work, setting a time therefore of not more than thirty (30) days, which time may be reasonably extended. If Permittees fail to so comply, the City Engineer may order a suspension of the permit, suspension of work, or revocation of the permit. Permittees may within five (5) days after receipt of the order from the City Engineer file an appeal from the order with the City Manager. The City Manager shall within ten (10) days thereafter confirm, modify or revoke this order. Permittees may then file an appeal with the City Council within five (5) days after issuance of the order by the City Manager, and the hearing on the appeal shall be set by the City Clerk at the next regular meeting. The Council may confirm, modify or revoke this order.

19. This permit shall not become effective until executed by both the Permittees and the City Engineer.

20. This permit shall expire on the date set forth on Schedule 1, Line 7 and, if applicable, may be limited, or suspended, during the period from November 1 to May 1, in accordance with the provisions of chapter 15.08 of the South San Francisco Municipal Code, or its successors.

Dated: 11/28/12 , City Engineer

This permit is accepted by the undersigned who agree to comply with and be bound by the terms thereof, and this permit shall bind the Permittees, their assigns and successors in interest.

Date: 11-20-12.

Permittees (Property Owner)

By: Dan Glaze.

Title: Project Coordinator.

By: _____

Title: _____

24 Hour Phone Number _____

Date: 11-20-12

America Integrated Services
Permittees (Grading Contractor)

By: Ryan Harding

Title: General Manager

By: _____

Title: _____

24 Hour Phone Number: 805-452-6434

Approved as to form
Date: 11/27/2012
By: _____
City Attorney

SCHEDULE 1

1. GRADING PERMIT NO.

2. Permittees: AIS Property Owner: Mario Caimotto Grading Contractor: AIS

Address: 1070 Horizon Drive Ste A 131 Terminal Court
Fairfield CA 94533

3. Grading Site: 131 Terminal Court

3A. Earthwork Quantities: Cut: 600 Fill: 600 Import: 600

4A. Geotechnical Report: (Soils Report and Engineering Geology Report):

See attached letter from Conestoga Rovers Associates.

4B. Grading Plans:

See attached drawings

4C. Grading Specifications: All grading work and installation of drainage improvements shall be accomplished in accordance with the recommendations and specifications contained in the Geotechnical Report and grading plans referenced above and in accordance with direction of the soils engineer in the field.

5A. Haul Route: See attached route description

5B. Bond Amount: $ 10,000

6. Special Conditions (See Exhibit "A" to Schedule 1)

7. Expiration Date: _____

Description of Import and Export Haul Route: (131 Terminal Court)

Import - from Pilarcitos Quarry in Half Moon Bay to job site & reverse route

101N - So. Airport Blvd. exit - left on So. Airport Blvd. - Left on So. Airport Blvd. - Left on Produce Avenue - Right at Terminal Court

Terminal Ct. to Product Avenue - Right onto Product Avenue - 101S on ramp - I380W

Import & Export - from Brisbane Recycling to job site & reverse route

101S - So. Airport Blvd. exit - Left on Produce Avenue - Right at Terminal Court

Left on Produce Avenue from Terminal Ct. - stay on Produce, which becomes Airport Blvd. - 101N - Candlestick Park exit

Export - from Brisbane Recycling to job site & reverse route

101S - So. Airport Blvd. exit - Left on Produce Avenue - Right at Terminal Court

Left on Produce Avenue from Terminal Ct. - stay on Produce, which becomes Airport Blvd. - 101N - Hwy 80 East (Bay Bridge) to landfills (Pittsburg)

EXHIBIT "A"
GRADING PERMIT NO.

SPECIAL CONDITIONS - SCHEDULE 1, LINE 6

1. Permit does not constitute consent by City for the following:

   This Permit shall not be construed to mean that Permittees have acquired a right or consent from City and is not a grant or acknowledgment or a right, consent, or permission by City to:

   A. Perform any work or construct any improvements except the grading of earth and the installation of surface and subsurface drainage facilities.

   B. Interfere with, damage, take or destroy any property, interests in property, or established rights of others (including the public or any public agencies) having such interest in the subject grading site shown on the "plan" and/or adjacent properties.

   C. Construct, place, or maintain the fill, excavations, graded slopes, drainage systems, and appurtenant works in such a manner as to interfere with, damage, take or destroy any property, interests in property, or established rights of others (including the public and any public agencies) having such interests in the subject grading site shown on the "plan" and/or adjacent properties.

   D. Proceed with the excavation, grading, filling, slope construction, and appurtenant works without obtaining any and all rights, consents, and permits from private owners, public agencies and others having property interests, regulatory jurisdiction over, and/or rights in the subject grading site shown on the "plan", and the adjacent properties affected by the proposed work and fill.

   E. Perform further grading within a subdivision after completion of the grading specified in this permit. If further grading is proposed, a new Grading Permit may be required in accordance with Chapter 15.08 of the South San Francisco Municipal Code, or its successor, or this permit may be amended at the option of the City Engineer.

2. Other Permits and Consents:

   Permittees shall obtain from private owners, public agencies (including those with proprietary rights and regulatory jurisdiction), and others any and all rights, consents, and permits which may be necessary to proceed with and complete the grading and appurtenant works, and in obtaining same acts solely for its own purposes and not as an agent or representative of the City.

3. Interference with, or damage to, property, etc:

A. Permittees shall construct, place, and maintain the graded site and appurtenant works in such a manner as not to interfere with, damage, take, or destroy any property, interest in property or established rights of others (including the public and public agencies) having such interest in, or regulatory jurisdiction over, the subject grading site shown on the "plan" and adjacent properties.

B. Compliance with the terms of the Grading Ordinance and Permit conditions shall not be a defense in any action to abate any public or private nuisance arising from the work authorized by this permit.

4. All agreements with respect to grading between Permittees and other agencies and adjoining owners are to remain in effect for the duration of this permit.

5. Grading shall be performed in accordance with the provisions of this permit, the approved plans and the specifications and recommendations contained in the soils report(s) listed in Line A and B of Schedule 1 of this permit.

6. Any changes in the grading plans prior to completion of the work shall be in conformance with the Permittees' geotechnical consultant or civil engineer's revised recommendations, and shall be subject to review and approval by the City Engineer.

7. If, in the course of fulfilling their responsibility under the Grading Ordinance, the Permittees' geotechnical consultant or their civil engineer find that the work is not being done in conformance with the Grading Permit requirements or the approved plans, the discrepancies shall be reported immediately in writing to the City Engineer.

8. Grading, or the installation of structures within public rights-of-way or easements, is prohibited without first obtaining an encroachment permit from the City Engineer or his authorized agent in accordance with Chapter 13.04 of the South San Francisco Municipal Code, or its successor. The applicant must obtain a Building Permit from the City's Building Division for all retaining walls, sanitary sewers, utilities or any structures to be constructed within the grading site.

9. The general grading contractor shall not commence the work authorized by this permit within areas of the grading site requiring permits or approvals from other governmental agencies in order to perform the grading work within said areas (in accordance with the approved plans) without the Permittees having first obtained the necessary permit(s). Copies of these approvals shall be provided to the City Engineer for the City records. All areas of the grading site to which the Permittees do not have access approvals shall be marked in the field with a continuous fence at least three feet high in a manner acceptable to the City Engineer.

10. An extension of the time of this permit may be approved administratively by the City Engineer. An application for such extension must be submitted in writing no later than one month prior to the permit expiration date.

11. The Permittees, their contractors and consultants shall coordinate their activities with the City's representatives and consultants, the developer's contractors and sub-contractors, public utilities and City public works forces.

12. Issuing this permit does not constitute approval by the City of South San Francisco of the design and location of future structures, parking facilities, driveways, retaining walls, fences, landscaping, roadways, sewers, and utilities.

13. The Permittees are hereby advised that this Grading Permit does not authorize dredging or filling of the San Francisco Bay waters or areas designated as wetlands.

14. Maintenance and/or repair of the graded site and appurtenant works shall be the responsibility of the owners and/or their successors.

15. The Permittees hereby acknowledge that they will provide a commitment to take maximum geotechnical care and attention in the field performance of the grading and that they will correct any geotechnical problems which develop during construction at their expense.

16. The Contractor's grading schedule shall be submitted to the Permittees' geotechnical consultant, the City Engineer and the City's geotechnical consultant for review and comment before the commencement of grading.

17. No less than seven (7) days prior to the commencement of the grading authorized by this permit, the Permittees shall conduct a pre-grading conference to review conditions and implementation of this permit. The Permittees, their contractors and subcontractors, supervisors, foremen, equipment operators and consultants, and the City Engineer, his representatives, staff and consultants shall be in attendance at the pre-grading meeting.

18. The contractor shall notify the City Engineer forty-eight (48) hours prior to the start of this grading work.

19. One copy of the approved grading plans and specifications shall be kept on the site at all times during the progress of grading work.

20. The Permittees shall retain a licensed geotechnical engineer to monitor and inspect the fill and other grading at the site in accordance with the terms of this permit. At a minimum, inspection services shall be provided at a level that will permit the consultant to state that all grading and subsurface drainage work was performed in accordance with the requirements of the project soils and geotechnical reports and in accordance with their recommendations.

21. If the Permittees' geotechnical consultant and/or erosion control specialist of record are changed during the course of the work, the work shall be stopped until the replacement has agreed to accept responsibility within the area of the consultant's technical competence, for all work performed in accordance with this permit.

22. The Permittees' geotechnical consultant shall inspect the grading work to verify compliance with the approved plans and specifications and submit to the City Engineer during the period that grading is being accomplished: daily progress reports regarding grading work and weekly progress reports regarding adherence to the grading work schedule and a discussion of work completed to date.

23. All work is to be done under the supervision of the Soils Engineer, who shall prepare a final grading observation report and certify upon completion that all work has been done in accordance with their requirements. The Soils Engineer shall provide documentation verifying the adequacy of all imported fill materials and their lack of contamination by unacceptable levels of hazardous materials, as defined by Federal, State, and local regulations.

24. The Permittees hereby commit to the prompt correction of any geotechnical or grading problems which may develop during the construction at no expense to the City, its agents, employees, representatives or consultants.

25. The Permittee's civil engineer shall, upon completion of the grading, and prior to the owner receiving a Building Permit, submit a written report to the City Engineer, together with final, record drawing, grading and drainage plans, stating that all grading has been completed to the lines and grades shown on the approved Grading Plans. Said report and plans shall include data on pad elevations, inclination of cut and fill slopes and the location and grades of slope benches. Any variations from approved plans shall be noted along with recommendations for appropriate actions required to correct any significant deficiencies.

26. Prior to receiving a Building Permit for any structure within the grading site, the project soils engineer shall verify in writing that the grading and earthwork within the building pad area is complete and in conformance with the approved soils report and his recommendations. The Soil Engineer's lot pad certification(s) shall be submitted to the City Engineer for review and approval.

27. Permittee shall post a corporate surety bond in the amount shown on Line 5B of Schedule 1, as provided for in Chapter 15.08 of the South San Francisco Municipal Code, or its successor, to secure performance of the following conditions of the Grading Permit: Maintenance of adequate dust control measures, removal of soil, mud and other materials caused to overflow upon the public streets or obstruct the City storm drains, and remedial work necessary to cure or remove public nuisances caused by dangerous cuts or embankments made in the course of performing the grading work, and to indemnify the City in accordance with Municipal Code Section 13.04.160, or its successor, with respect to transportation of earth and fill material as provided in Paragraph 14 of this permit.

28. The Permittees shall provide 24 hours a day, 7 days a week maintenance of all graded or otherwise disturbed areas. The maintenance work shall include the control of dust, earth erosion and pollutants, the repair and cleaning of drainage and silt retention facilities, the

irrigation of erosion control plantings, and the repair of stockpiles, surcharge fills, slumps, and potentially hazardous conditions.

29. A regular maintenance program for unimproved graded areas shall be submitted to the City Engineer for review and approval prior to commencing grading work. The approved maintenance program shall be implemented by the developer's contractor, to the satisfaction of the City Engineer.

30. In locations where the grading plans indicate a retaining wall, a vertical cut may not be made until a Building Permit for the wall has been obtained and construction of the wall is to commence. In the event the Permittees or their subcontractors leave the grading work in an incomplete condition with dangerous cuts left standing, the City may take whatever measures are necessary to eliminate the hazards and charge the cost to the developer.

31. All exposed or finished banks or slopes of any fill or excavation adjacent to the Bay shall be protected from erosion by approved planting, hydro-seeding, cribbing, walls, terracing or other suitable method or combination found to be consistent with the requirements of the San Francisco Bay Conservation and Development Commission and the Corps of Engineers. Unprotected graded surfaces shall be planted. The Permittee's shall construct and install drainage facilities adequate to prevent erosion and conduct the accumulation of runoff of surface waters to an approved place of discharge.

32. Erosion mitigation measures shall be installed where necessary to control and minimize erosion on finished slopes as specified in the grading and winterization plans for the project. The erosion control and winterization improvements shall be continuously maintained by the property owner following the completion of the grading work.

33. Temporary sediment basins shall be used to control runoff and siltation during construction until slope erosion planting has been established. Accumulated silt and sediment shall be removed and used as topsoil for re-vegetation. If not needed for re-vegetation, the soil shall either be hauled off site or incorporated into the engineered fills as appropriate.

34. Adequate silt retention basins and debris catching devices shall be constructed at the entrance to all existing storm drains prior to grading operations to insure that winter rains will not cause mud from the freshly graded slopes to overflow into City streets, the San Francisco Bay or obstruct existing storm drains.

35. Adequate interceptor ditches shall be constructed at the top of all slopes to insure that storm water will not flow over the slopes and cause erosion.

36. All areas being graded, areas that have been disturbed and all on-site hauling roads shall be adequately sprinkled to prevent dust or sprayed with an effective dust palliative to prevent dust from being blown into the air and carried into the adjacent public streets or adjacent private property. Dust control shall be for 7 days a week and 24 hours a day.

37. All graded surfaces and materials, whether filled, excavated, transported or stockpiled, shall be wetted, protected, covered, or contained in such a manner as to prevent any nuisance from dust or spillage upon adjoining property or streets. Equipment and materials on the site shall be used in such a manner as to avoid excessive dust.

38. Public streets shall be cleaned, swept, and/or flushed each day during, and immediately after ceasing hauling operations, to the satisfaction of the City Engineer.

39. All graded areas shall be planted and fertilized as soon as practicable with a fast growing grass cover and continually irrigated until the grass cover has been established.

40. Grading and noise therefrom, including, but not limited to, vehicle maintenance and the warming of equipment motors, shall not be permitted except during the hours of 8:00 a.m. through 6:00 p.m., Monday through Friday. Neither grading nor hauling is permitted on Saturdays, Sundays or Holidays unless written permission is first obtained from the City Engineer.

41. The Permittees shall be continuously responsible for fencing around excavations of fills which would be hazardous without such fencing.

42. The Permittees shall fully implement the approved winterization plan prior to November 1 of each year that this permit remains in effect. Should circumstances arise that would prevent the implementation of the approved winterization plan prior to November 1, the Permittees shall submit a revised winterization plan prior to September 1 of each year for the review and approval of the City Engineer. The approved, revised, winterization plan shall be implemented prior to November 1 of that year.

43. The Permittees shall be responsible for maintaining all drainage ditches, drainage pipes and desilting basins during stormy weather and to remove accumulated silt from the desilting basins to insure their safe functioning under all conditions. In the event the Permittee or the contractor neglects to maintain the desilting basins or remove silt, which may cause the clogging of the storm drains, the City shall take whatever measures are necessary to eliminate the hazards and charge the cost to the Permittee.

44. The Permittees shall provide personnel and equipment at the grading site during storms to prevent incomplete work from endangering life or property.

45. All equipment used in grading operations shall meet spark arrester and fire fighting tool requirements as specified in the California Public Resources Code or required by the California Department of Forestry.

46. All earth hauling vehicles shall conform to California Highway Patrol vehicle safety standards. Vehicles found to not conform to these standards shall be removed from service until repaired or altered.

47. The hauling contractor shall completely cover its trucks with a tied down tarp so that no dust or dirt is blown off the trucks during transit. It should be understood that the trucks will not be overloaded and that all load requirements shall conform to State Highway Standards. The haul route shall be confined to official truck routes previously adopted by the City Council.

48. All earth hauling trucks shall have side and rear boards installed. Earth shall not exceed the height of the side and rear boards. All boards shall be maintained in good condition.

49. The Police Department reserves the right to randomly require earth hauling trucks to be weighed at a commercial weigh station.

50. Earth hauling trucks, whether loaded or unloaded, shall not enter or leave the site between the hours of 6:00 p.m. through 8:00 a.m. each week day unless alternate times are approved in writing by the City Engineer.

51. Revisions to the approved grading plans that are recommend by the project geotechnical engineer due to unforeseen field conditions, shall be immediately reported and explained in writing to the City Engineer.

RCH:op
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CITY OF SOUTH SAN FRANCISCO
GRADING PERMIT APPLICATION

Please print or type:

1. (a) Ryan Harding, American Integrated Services
(Name of Applicant and Company)

(b) 1070 Horizon Dr. Suite A, Fairfield CA 94533
(Applicant's Business Address)

(c) _____

2. Mario Caimotto, 131 Terminal Court, South San Francisco. (650) 583-4886 (Owner) [current ~~Former~~ tenant is Olympian JV 1300 Industrial Rd. Ste 2 San Carlos CA ATTN: Janet Heikel]
(Name, Address, & Telephone No. of Grading Site Property Owner)

3. (a) American Integrated Services c/o Ryan Harding
1070 Horizon Dr. Suite A, Fairfield CA 94533
(Name and Address of Grading Contractor and Contact Person)

(b) 805-452-6434 888-423-6060
(Daytime Telephone No.) (24-hour Emergency Telephone No.)

4. Description and Location of Grading Site (include Assessor's Parcel No.):

131 Terminal Court. Work area near property entrance at former UST area. APN 015113210

5. Description and Purpose of Grading Work (continue on separate sheet if more space is needed):

Environmental excavation of hydrocarbon impacted soils per San Mateo County Health Dept.

6. Description of Proposed Import and Export Haul Routes (or attach map):

see attached routes

7. Earthwork Quantities: Cut: 600 C.Y.; Fill: 600 C.Y.

8. Proposed Expiration Date of Grading Permit (should not exceed Certificate of Liability Insurance expiration date): 1/31/13

9. Attachments:

a. Geotechnical Report (Soils Report with grading specifications and Engineering Geology report).

b. Grading Plan (designed by a Registered Civil Engineer if grading in excess of 5,000 C.Y.).

c. Certificates of Insurance insuring City in the amount of $1,500,000. (Worker's Compensation, Public Liability, Property Damage, and Contractual Insurance - refer to Condition #13 of the permit form).

d. Corporate Surety Bond (typically $50,000 or more, but may be reduced to $10,000 by the City Engineer for small projects with minor impacts).

e. Copy of a contract between the project soils engineer and/or the civil engineer and the applicant to provide inspection services and submit all progress reports, test results, a final report and grading certification in accordance with the requirements of the Grading Permit. The agreement must contain a provision specifying that the applicant's consulting Engineer(s) will indemnify and hold the City harmless due to his or her actions (refer to Condition #11 of the permit form).

f. Plan checking fee and grading permit inspection fee (refer to attached schedule) payable to the City of South San Francisco.

g. Drainage calculations for a 10 year design storm justifying size of the existing and proposed storm drainage facilities.

h. Winterization, dust, erosion and pollution control plan conforming to the A.B.A.G. Manual of Standards for Erosion and Sediment Control Measures, with sediment basin design calculations. Describe the "best management practices" to be used during and after construction to control pollution in the site's storm and construction water runoff.

i. Environmental Impact Report, certified Negative Declaration or Notice of Exemption for the project or a memorandum from the City's Planning Division stating that the project is C.E.Q.A. exempt.

j. Copy of the State Water Resources Control Board "General Construction Activity Storm Water Permit" for the site. (Applies to land disturbance operations within a total project area of five (5) acres or greater). Provide a copy of the site's "storm water pollution prevention plan".

Dated: 11-7-12

By: [signature] General Manager
(Signature of Applicant and Title)

American Integrated Services
Company

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OFFICE OF
THE CITY ENGINEER
PHONE (650) 829-6652
FAX (650) 829-6689

CITY COUNCIL 2012

RICHARD A. GARBARINO, MAYOR
PEDRO GONZALEZ, VICE MAYOR
MARK ADDIEGO, COUNCILMEMBER
KARYL MATSUMOTO, COUNCILMEMBER
KEVIN MULLIN, COUNCILMEMBER

BARRY M. NAGEL, CITY MANAGER

November 15, 2012

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn: Dan Glaze

RE: 131 Terminal Court

Dear Mr. Glaze:

Enclosed is a copy of the approved and signed Hauling Permit for 131 Terminal Court. Please retain for your records.

Should you have any questions, please call Dennis Chuck, at 650-829-6663.

Sincerely,

Rosalie Calvo
Office Specialist
City of South San Francisco

HAULING PERMIT APPLICATION

EXHIBIT "A"
HAULING OF EXCAVATED EARTH
PERMIT NO. E12-0312

1. Conestoga-Rovers and Assoc. (Daniel Glaze-Project Coordinator)
5900 Hollis Street, Emeryville, CA 94608

(Name, Title, Business Name and Address of Applicant)

2. American Integrated Services
1070 Horizon Drive, Suite A Fairfield CA 94533
(Name and Address of Hauling Contractor)

3. 510-376-0657 (Tel. # of Applicant) 707-427-2234 (Tel. # of Hauling Contractor)

4. CA Bus Lic. #757133 To be applied for by vendor
(Contractor License No. and Business License No. of Hauling Firm)

5. Export: 600 Import 600
(Quantity of Earth to be Transported (in Cubic Yards)

6. Excavation Site Location: 131 Terminal Court, South San Francisco

7. Disposal Site Location: Potrero Hills Landfill, Suisun City, CA

8. Size and Description of Earth Hauling Trucks: End dumps or transfers

9. Description of Import and Export Haul Route: See attached

10. Proposed Date of Expiration for the Hauling Permit: 12/31/2012

11. Attach a map of the property to be graded showing existing and proposed elevations and limits of all areas to be excavated.

Instructions to Applicant and Standard Conditions:

1. File an original and two copies of this Hauling Permit application and all attachments.

2. Applicant shall provide all necessary public safety protection and protection of public and private property in the vicinity of the land to be excavated.

3. The hauling contractor shall either cover the earth hauling trucks or thoroughly sprinkle the earth material so that no dust is blown off the trucks during transit. All hauling trucks shall not be overloaded and all vehicles shall conform to State highway standards. Earth hauling vehicles shall be confined to the haul route approved by this permit and to official truck routes previously adopted by the City Council.

4. All earth hauling trucks shall have side and rear boards installed. Earth shall not exceed the height of the side and rear boards.

5. Public streets and private driveways shall be cleaned, swept, and/or flushed each day to the satisfaction of the City Engineer immediately after ceasing hauling operations.

6. Excavation and hauling shall not be permitted except during the hours of 8:00 a.m. through 6:00 p.m., Monday through Friday. Neither excavation not hauling is permitted on Saturdays, Sundays, or holidays unless written permission is first obtained from the City Engineer.

7. A bond or cash deposit of not less than $2,000 (in an amount to be determined by the City Engineer) shall be posted with the City before a Hauling Permit will be granted.

8. A non-refundable earth Hauling Permit fee of $100, or $.01 per cubic yard, whichever is greater, shall be paid to the City of South San Francisco before a Hauling Permit will be granted.

9. A separate Hauling Permit will be issued for each hauling project.

Application submitted by:

Date: 11/9/2012

(Signature and Title of Applicant)

Dan Glaze
Project Coordinator - CRA

PERMIT NO. E12-0312

HAULING OF EXCAVATED EARTH

HAULING earth or materials from the site in connection with the
Environmental contamination removal and restore to original conditions
131 Terminal Court, So. San Francisco CA 94080

1. Applicant or permittee shall file with the City Engineer a bond in the sum of two thousand dollars ($ 2,000) to indemnify the City of South San Francisco for any damage which may be caused to any sidewalk, street, or storm drain by reason of hauling said earth and debris.

2. Applicant or permittee shall remove from any sidewalk, street, or storm drain all earth or material which may be deposited or spilled on said areas in connection with the hauling operation, and the bond therefore required shall be in such form as to indemnify City for costs of removing same from said areas.

3. Applicant or permittee shall conduct the hauling operation over the routes and on the terms and conditions set forth below and attached hereto as Exhibit "A".

4. This permit shall expire on the 31 day of December 2012 ~~, 2006~~, unless extended in writing by the City Engineer. The City Engineer may revoke this permit for cause.

DG

HAUL ROUTE

See attached

SPECIAL CONDITIONS

Typical working hours (7 AM to 5 PM)

ACCEPTANCE

The terms and conditions hereinbefore recited are hereby accepted and I/we agree to be bound by the terms thereof.

Date: 11/9/12

American Integrated Services
Hauling Contractor

By: [signature]

Title: General Manager

APPROVAL

Date: 11-15-12

By: [signature]
City Engineer

Description of Import and Export Haul Route: (131 Terminal Court)

Import - from Pilarcitos Quarry in Half Moon Bay to job site & reverse route

101N - So. Airport Blvd. exit - left on So. Airport Blvd. - Left on So. Airport Blvd. - Left on Produce Avenue - Right at Terminal Court

Terminal Ct. to Product Avenue - Right onto Product Avenue - 101S on ramp - I380W

Import & Export - from Brisbane Recycling to job site & reverse route

101S - So. Airport Blvd. exit - Left on Produce Avenue - Right at Terminal Court

Left on Produce Avenue from Terminal Ct. - stay on Produce, which becomes Airport Blvd. - 101N - Candlestick Park exit

Export - from Brisbane Recycling/Keller canyon Landfill to job site & reverse route

101S - So. Airport Blvd. exit - Left on Produce Avenue - Right at Terminal Court

Left on Produce Avenue from Terminal Ct. - stay on Produce, which becomes Airport Blvd. - 101N - Hwy 80 East (Bay Bridge) to landfills (Pittsburg)

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 09/25/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Program Brokerage Corporation
225 Metro Centre Boulevard
Warwick, RI 02886

CONTACT NAME: Christine Viswanath 416-597-0555 ext. 494
PHONE (A/C, No, Ext):
FAX (A/C, No):
E-MAIL ADDRESS: christine.viswanath@hubinternational.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Chartis Specialty Insurance Company	26883
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304

COVERAGES **CERTIFICATE NUMBER:** ZY54XXKW **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
A	GENERAL LIABILITY			12380282	09/30/2012	09/30/2013	EACH OCCURRENCE	$	1,000,000
	X COMMERCIAL GENERAL LIABILITY			LIMITS IN USD			DAMAGE TO RENTED PREMISES (Ea occurrence)	$	1,000,000
	CLAIMS-MADE X OCCUR						MED EXP (Any one person)	$	25,000
							PERSONAL & ADV INJURY	$	1,000,000
							GENERAL AGGREGATE	$	2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG	$	2,000,000
	POLICY X PRO-JECT LOC							$	
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$	
	ANY AUTO						BODILY INJURY (Per person)	$	
	ALL OWNED AUTOS / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$	
	HIRED AUTOS / NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$	
								$	
A	X UMBRELLA LIAB X OCCUR			12380283	09/30/2012	09/30/2013	EACH OCCURRENCE	$	15,000,000
	EXCESS LIAB CLAIMS-MADE			LIMITS IN USD			AGGREGATE	$	15,000,000
	DED RETENTION $							$	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N						WC STATU-TORY LIMITS OTH-ER		
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N / A					E.L. EACH ACCIDENT	$	
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$	
							E.L. DISEASE - POLICY LIMIT	$	
A	Pollution/Professional Liability			12456483	09/30/2012	09/30/2013	Each Claim	$	10,000,000
				LIMITS IN USD			Aggregate	$	20,000,000
							CovA-Prof Claims Made	$	
							CovB-Poll Occurrence	$	
								$	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
RE: CRA Ref. No. 161558 Olympian JV. Encroachment Permit

The City of South San Francisco, its elective and appointive officers, boards, commissions, agents, employees and volunteers are added as Additional Insured(s) to the Commercial General Liability Policy but only with respect to liability arising out of the operations of the Named Insured.

Commercial General Liability policy includes Contractual Liability.

Notwithstanding any other provisions in this policy, the insurance afforded hereunder to the City of South San Francisco shall be primary as to any other insurance or
(continued next page)

CERTIFICATE HOLDER

City of South San Francisco
Attention: Engineering Department
315 Maple Avenue
South San Francisco, CA 94080

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

PRODUCER Program Brokerage Corporation	INSURED Conestoga-Rovers & Associates, Inc.
POLICY NUMBER	
CARRIER / NAIC CODE	ISSUE DATE: 09/25/2012

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: _____ FORM TITLE: _____

(continued from previous page)
reinsurance covering or available to the City of South San Francisco, and such other insurance or reinsurance shall not be required to contribute to any liability or loss until and unless the approximate limit of liability afforded hereunder is exhausted.

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CERTIFICATE NUMBER: ZY54XXKW

ACORD® CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 9/6/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Andrew Frano
First Niagara Risk Management, Inc 726 Exchange Street Suite 900 Buffalo NY 14210	PHONE (A/C, No, Ext): (716) 819-5500 FAX (A/C, No): (716) 819-5140 E-MAIL ADDRESS: andrew.frano@fnrm.com

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Conestoga Rovers & Associates Inc 2055 Niagara Falls Blvd Niagara Falls NY 14304	INSURER A: Hartford Fire Insurance Company	19682
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 2012-13 WA **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY						EACH OCCURRENCE	$
	[ ] COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
	[ ] CLAIMS-MADE [ ] OCCUR						MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
							GENERAL AGGREGATE	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG	$
	[ ] POLICY [ ] PRO-JECT [ ] LOC							$
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	[X] ANY AUTO						BODILY INJURY (Per person)	$
	[ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS			01 UEN OH1022	7/1/2012	7/1/2013	BODILY INJURY (Per accident)	$
	[X] HIRED AUTOS [X] NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
				$500 Ded Coll;$250 Comp				$
	[ ] UMBRELLA LIAB [ ] OCCUR						EACH OCCURRENCE	$
	[ ] EXCESS LIAB [ ] CLAIMS-MADE						AGGREGATE	$
	[ ] DED [ ] RETENTION $							$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						[X] WC STATU-TORY LIMITS [ ] OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N [N] (Mandatory in NH)	N/A		01 WE OH1021	7/1/2012	7/1/2013	E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

RE: CRA Ref. No. 161558 Olympian JV. Encroachment Permit.

The City of South San Francisco, its elective and appointive officers, boards, commissions, agents, employees and volunteers are added as Additional Insured with respect to automobile liability where required by written contract. Notwithstanding any other provisions in this policy, the insurance afforded hereunder to the City of South San Francisco shall be primary as to any other insurance or reinsurance covering or available to the City of South San Francisco, and such other insurance or reinsurance shall not be required to contribute to any liability or loss until and unless the approximated limit of

CERTIFICATE HOLDER

City of South San Francisco
Engineering Division
315 Maple Avenue
South San Francisco, CA 94080

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Bruce Rogers/AFRANO

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COMMENTS/REMARKS

liability afforded hereunder is exhausted.

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RECEIPT

Printed: **11/14/2012 3:30 pm**

PMR51490

City of South San Francisco
Finance Department
Cash Collections

Permit Number: E12-0312

Job Address: 131 TERMINAL CT

Fee Description	Account Number	Fee Amount
ENG - Insp and Encroach Fees	100-99999-32102-1410	$ 100.00

Total Fees Paid: **$ 100.00**

Paid By: **Conestoga Rovers & Associates**

Address: **5900 Hollis Street, Suite A**

Pay Method: **BFPCHECK 11395**

Received By: **KELVIN MUNAR**

Paid Date: **11/14/2012**

RECEIPT

Printed: **11/14/2012 3:29 pm**

PMR51489

City of South San Francisco
Finance Department
Cash Collections

Permit Number: E12-0312

Job Address: 131 TERMINAL CT

Fee Description	Account Number	Fee Amount
Hauling Permit Deposit	270-21703	$ 2,000.00

Total Fees Paid: **$ 2,000.00**

Paid By: **Conestoga Rovers & Associates**

Address: **5900 Hollis Street, Suite A**

Pay Method: **BFPCHECK 11403**

Received By: **KELVIN MUNAR**

Paid Date: **11/14/2012**

APPENDIX C

DWR WELL COMPLETION REPORTS

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0161391

Page 1 of 1

Owner's Well Number MW-1

Date Work Began 08/27/2012 Date Work Ended 8/27/2012

Local Permit Agency San Mateo County

Permit Number 12-1917 Permit Date 8/20/12

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Drilling Fluid

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	17	Destroyed well by pressure grouting

Total Depth of Boring 17 Feet

Total Depth of Completed Well 17 Feet

Well Owner

Name Olympian JV

Mailing Address 1300 Industrial Rd, Suite 2

City San Carlos State CA Zip 94070

Well Location

Address 131 Terminal Court

City South San Francisco County San Mateo

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

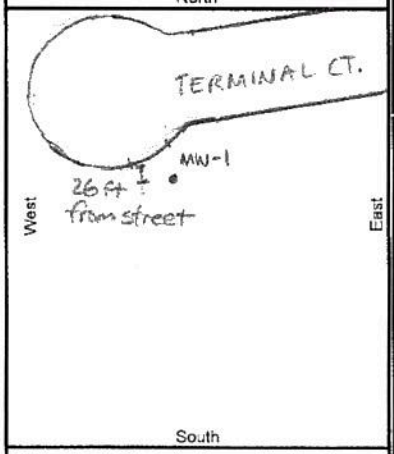
Datum NAD83 Decimal Lat. 2063249.69 Decimal Long. 6009384.19

APN Book 015 Page 113 Parcel 210

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ◉ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ○ Other

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)

Annular Material

Depth from Surface Feet	to Feet	Fill	Description

Attachments

- ☐ Geologic Log
- ☐ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☐ Other

Attach additional information, if it exists

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Woodward Drilling

Person, Firm or Corporation

550 River Rd P.O. Box 336 Rio Vista CA 94571

Address City State Zip

Signed Concina E Woodward 10-3-12 710079

C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0161392

Page 1 of 1

Owner's Well Number MW-2

Date Work Began 08/27/2012 Date Work Ended 8/27/2012

Local Permit Agency San Mateo County

Permit Number 12-1917 Permit Date 8/20/12

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Drilling Fluid

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	17.5	Destroyed well by pressure grouting

Total Depth of Boring 17.5 Feet

Total Depth of Completed Well 17.5 Feet

Well Owner

Name Olympian JV

Mailing Address 1300 Industrial Rd, Suite 2

City San Carlos State CA Zip 94070

Well Location

Address 131 Terminal Court

City South San Francisco County San Mateo

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

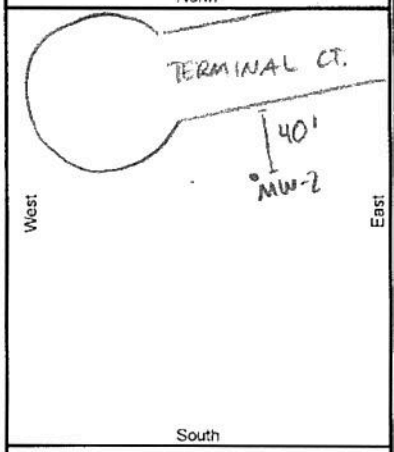
Datum NAD83 Decimal Lat. 2063259.89 Decimal Long. 6009442.50

APN Book 015 Page 113 Parcel 210

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
◉ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

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Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)

Annular Material

Depth from Surface Feet	to Feet	Fill	Description

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Woodward Drilling
Person, Firm or Corporation

550 River Rd, P.O Box 336 Rio Vista CA 94571
Address City State Zip

Signed Conway E Woodward 10-3-12 710079
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0161393

Page 1 of 1

Owner's Well Number MW-3

Date Work Began 08/27/2012 Date Work Ended 8/28/2012

Local Permit Agency San Mateo County

Permit Number 12-1917 Permit Date 8/20/12

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ⦿ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Drilling Fluid

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	16.7	Destroyed well by pressure grouting

Total Depth of Boring 16.7 Feet

Total Depth of Completed Well 16.7 Feet

Well Owner

Name Olympian JV

Mailing Address 1300 Industrial Rd, Suite 2

City San Carlos State CA Zip 94070

Well Location

Address 131 Terminal Court

City South San Francisco County San Mateo

Latitude Deg Min. Sec. N Longitude Deg. Min. Sec. W

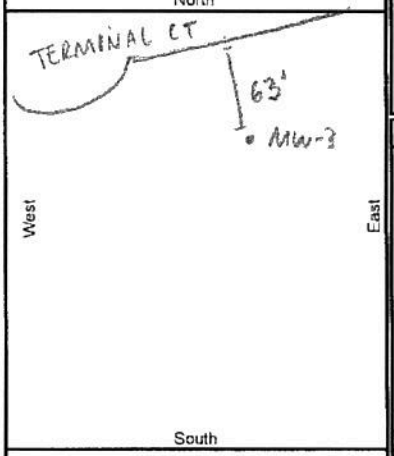
Datum NAD83 Decimal Lat. 2063237.84 Decimal Long. 6009474.23

APN Book 015 Page 113 Parcel 210

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



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Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
⦿ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
⦿ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)

Annular Material

Depth from Surface Feet	to Feet	Fill	Description

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

Attach additional information, if it exists

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Woodward Drilling (Person, Firm or Corporation)

550 River Rd, P.O Box 336 (Address) Rio Vista (City) CA (State) 94571 (Zip)

Signed Gerald E Woodward (C-57 Licensed Water Well Contractor) 10-3-12 (Date Signed) 710079 (C-57 License Number)

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0161394

Page 1 of 1

Owner's Well Number MW-5

Date Work Began 08/27/2012 Date Work Ended 8/27/2012

Local Permit Agency San Mateo County

Permit Number 12-1917 Permit Date 8/20/12

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ⊙ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Drilling Fluid

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	17.7	Destroyed well by pressure grouting

Total Depth of Boring 17.7 Feet

Total Depth of Completed Well 17.7 Feet

Well Owner

Name Olympian JV

Mailing Address 1300 Industrial Rd, Suite 2

City San Carlos State CA Zip 94070

Well Location

Address 131 Terminal Court

City South San Francisco County San Mateo

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

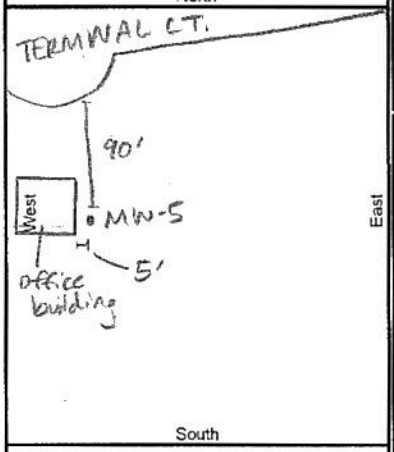
Datum NAD83 Decimal Lat. 2063189.26 Decimal Long. 6009386.90

APN Book 015 Page 113 Parcel 210

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
⊙ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
⊙ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)

Annular Material

Depth from Surface Feet	to Feet	Fill	Description

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Woodward Drilling (Person, Firm or Corporation)

550 River Road P.O Box 336 (Address) Rio Vista (City) CA (State) 94571 (Zip)

Signed Corcoran E Woodward (C-57 Licensed Water Well Contractor) 10-3-12 (Date Signed) 710079 (C-57 License Number)

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0161398

Page 1 of 1

Owner's Well Number MW-6

Date Work Began 08/27/2012 Date Work Ended 8/27/2012

Local Permit Agency San Mateo County

Permit Number 12-1917 Permit Date 8/20/12

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Drilling Fluid

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	12.3	Destroyed well by pressure grouting

Total Depth of Boring 12.3 Feet

Total Depth of Completed Well 12.3 Feet

Well Owner

Name Olympian JV

Mailing Address 1300 Industrial Rd, Suite 2

City San Carlos State CA Zip 94070

Well Location

Address 131 Terminal Court

City South San Francisco County San Mateo

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

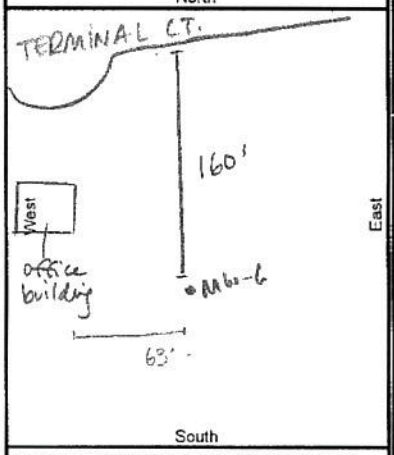
Datum NAD83 Decimal Lat. 2063138.77 Decimal Long. 6009437.04

APN Book 015 Page 113 Parcel 210

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
◉ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)

Annular Material

Depth from Surface Feet	to Feet	Fill	Description

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Woodward Drilling (Person, Firm or Corporation)

550 River Rd, P.O Box 336 (Address) Rio Vista (City) CA (State) 94571 (Zip)

Signed Corning E Woodward (C-57 Licensed Water Well Contractor) 10-3-12 (Date Signed) 710079 (C-57 License Number)

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0161409

Page 1 of 1

Owner's Well Number MW-7

Date Work Began 08/28/2012 Date Work Ended 8/28/2012

Local Permit Agency San Mateo County

Permit Number 12-1916 Permit Date 8/20/12

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ⊙ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Drilling Fluid

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	12.2	Destroyed well by pressure grouting

Total Depth of Boring 12.2 Feet

Total Depth of Completed Well 12.2 Feet

Well Owner

Name Olympian JV

Mailing Address 1300 Industrial Rd, Suite 2

City San Carlos State CA Zip 94070

Well Location

Address 131 Terminal Court

City South San Francisco County San Mateo

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

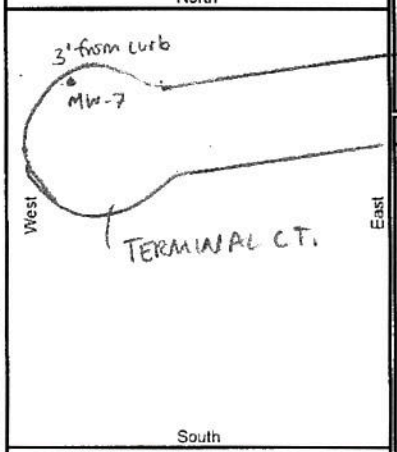
Datum NAD83 Decimal Lat. 2063336.66 Decimal Long. 6009308.21

APN Book 015 Page 113 Parcel 210

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
⊙ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
⊙ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)

Annular Material

Depth from Surface Feet	to Feet	Fill	Description

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

Attach additional information, if it exists

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Woodward Drilling (Person, Firm or Corporation)

550 River Rd, P.O Box 336 (Address) Rio Vista (City) CA (State) 94571 (Zip)

Signed Geneva E Woodward (C-57 Licensed Water Well Contractor) 10-3-12 (Date Signed) 710079 (C-57 License Number)

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0161410

Page 1 of 1

Owner's Well Number MW-8

Date Work Began 08/28/2012 Date Work Ended 8/28/2012

Local Permit Agency San Mateo County

Permit Number 12-1916 Permit Date 8/20/12

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Drilling Fluid

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	12.1	Destroyed well by pressure grouting

Total Depth of Boring 12.1 Feet

Total Depth of Completed Well 12.1 Feet

Well Owner

Name Olympian JV

Mailing Address 1300 Industrial Rd, Suite 2

City San Carlos State CA Zip 94070

Well Location

Address 131 Terminal Court

City South San Francisco County San Mateo

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

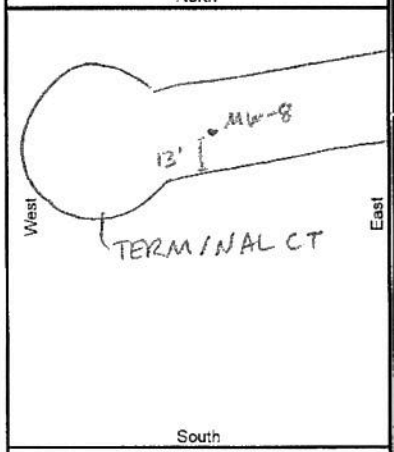
Datum NAD83 Decimal Lat. 2063320.62 Decimal Long. 6009408.50

APN Book 015 Page 113 Parcel 210

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
◉ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)

Annular Material

Depth from Surface Feet	to Feet	Fill	Description

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Woodward Drilling
Person, Firm or Corporation

550 River Rd, P.O Box 336 Rio Vista CA 94571
Address City State Zip

Signed Corning E. Woodward 10-3-12 710079
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

APPENDIX D

LABORATORY ANALYTICAL REPORT

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558-141; 161558	Date Sampled: 12/10/12-12/13/12
5900 Hollis St, Suite A		Date Received: 12/14/12
	Client Contact: Dan Glaze	Date Reported: 12/21/12
Emeryville, CA 94608	Client P.O.:	Date Completed: 12/20/12

WorkOrder: 1212409

December 21, 2012

Dear Dan:

Enclosed within are:

1) The results of the **4** analyzed samples from your project: **#161558-141; 161558,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1212409

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required |circle one|? (Coelt (Normal)) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318 PAG	Fax: (510) 376-0657
Project #: 161558 -147 -141	Project Name: 161558
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature: Dan Glaze	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	Analysis Request: BTEX & TPH as Gas (602/8020 + 8015)/MTBE 8260	TPH as Diesel (8015) (w/ Silica Gel)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other: Naphthalene by 8260	Comments
S-EX1-6		12/10/12	1320	1			X				X				X	X															X	
S-EX2-6		12/10/12	1325	1																												
S-EX3-10		12/13/12	1120	1	sleeve																											
S-EX4-10		12/13/12	1115	1																												

	Date:	Time:	Received By:
Relinquished By:	12/14/12	0930	Secure Location (CRA office)
Relinquished By:	12/14/12	1320	
Relinquished By:	12/14/12	1445	

ICE/t° 4.0
GOOD CONDITION YES
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

COMMENTS:
Email results to: dglaze@craworld.com and rscheele@craworld.com

PRESERVATION VOAS | O&G | METALS | OTHER
pH<2

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1212409 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3327 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc:
PO:
ProjectNo: #161558-141; 161558

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 12/14/2012
Date Printed: 12/17/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1212409-001	S-EX1-6	Soil	12/10/2012 13:20	☐	A	A										
1212409-002	S-EX2-6	Soil	12/13/2012 13:25	☐	A	A										
1212409-003	S-EX3-10	Soil	12/13/2012 11:20	☐	A	A										
1212409-004	S-EX4-10	Soil	12/13/2012 11:15	☐	A	A										

Test Legend:

1	GAS8260_S	2	TPH(D)WSG_S	3		4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A contain testgroup.

Prepared by: Rosa Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **12/14/2012 5:33:23 PM**

Project Name: **#161558-141; 161558**
LogIn Reviewed by: Rosa Venegas

WorkOrder N°: **1212409** Matrix: Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #161558-141; 161558	Date Sampled: 12/10/12-12/13/12
		Date Received: 12/14/12
	Client Contact: Dan Glaze	Date Extracted: 12/14/12
	Client P.O.:	Date Analyzed: 12/18/12-12/20/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1212409

Lab ID	1212409-001A	1212409-002A	1212409-003A	1212409-004A	Reporting Limit for DF =1	
Client ID	S-EX1-6	S-EX2-6	S-EX3-10	S-EX4-10		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Benzene	ND	0.0054	0.016	ND	0.005	NA
Ethylbenzene	ND	0.047	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA
Naphthalene	ND	0.040	ND	ND	0.005	NA
Toluene	ND	0.0073	ND	ND	0.005	NA
Xylenes, Total	ND	0.23	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1:	94	102	97	99		
%SS2:	104	100	105	102		
%SS3:	94	91	95	94		
Comments						

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558-141; 161558	Date Sampled: 12/10/12-12/13/12
		Date Received: 12/14/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 12/14/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed 12/18/12-12/20/12

TPH(g) by Purge & Trap and GC/MS*

Extraction method: SW5030B Analytical methods: SW8260B Work Order: 1212409

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	S-EX1-6	S	ND	1	98	
002A	S-EX2-6	S	7.3	1	95	
003A	S-EX3-10	S	ND	1	99	
004A	S-EX4-10	S	ND	1	96	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	0.25	mg/kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558-141; 161558	Date Sampled: 12/10/12-12/13/12
		Date Received: 12/14/12
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 12/14/12
Emeryville, CA 94608	Client P.O.:	Date Analyzed 12/16/12-12/18/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1212409

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1212409-001A	S-EX1-6	S	ND	1	104	
1212409-002A	S-EX2-6	S	2.3	1	112	e11,e2
1212409-003A	S-EX3-10	S	ND	1	94	
1212409-004A	S-EX4-10	S	ND	1	93	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e2) diesel range compounds are significant; no recognizable pattern
e11) stoddard solvent/mineral spirit (?)

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 73214 | WorkOrder: 1212409

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1212340-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	0.050	72	70.3	2.42	73.8	56 - 94	30	70 - 130
Benzene	ND	0.050	84.5	82.2	2.79	88.8	60 - 106	30	70 - 130
t-Butyl alcohol (TBA)	ND	0.20	68.5	60.4	12.6	64.8, F2	56 - 140	30	70 - 130
Chlorobenzene	ND	0.050	83.7	83.8	0.100	89.2	61 - 108	30	70 - 130
1,2-Dibromoethane (EDB)	ND	0.050	76.4	80.2	4.83	84.6	54 - 119	30	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	0.050	85.8	82.4	4.08	89.3	48 - 115	30	70 - 130
1,1-Dichloroethene	ND	0.050	85.6	85.5	0.0936	93.7	46 - 111	30	70 - 130
Diisopropyl ether (DIPE)	ND	0.050	84.3	83.2	1.36	89.5	53 - 111	30	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	0.050	82.3	80.8	1.83	86	61 - 104	30	70 - 130
Methyl-t-butyl ether (MTBE)	ND	0.050	77.5	78.1	0.782	83.2	58 - 107	30	70 - 130
Toluene	ND	0.050	84.8	89.4	5.27	95.7	64 - 114	30	70 - 130
Trichloroethene	ND	0.050	89.1	88.6	0.634	100	60 - 116	30	70 - 130
%SS1:	102	0.12	101	100	1.78	100	70 - 130	30	70 - 130
%SS2:	108	0.12	106	110	3.68	111	70 - 130	30	70 - 130
%SS3:	90	0.012	92	94	1.55	93	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

F2 = LCS recovery for this compound is outside of acceptance limits.

BATCH 73214 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1212409-001A	12/10/12 1:20 PM	12/14/12	12/18/12 4:41 PM	1212409-002A	12/13/12 1:25 PM	12/14/12	12/19/12 7:36 AM
1212409-003A	12/13/12 11:20 AM	12/14/12	12/20/12 7:29 AM	1212409-004A	12/13/12 11:15 AM	12/14/12	12/20/12 8:10 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 73301 | WorkOrder: 1212409

EPA Method: SW8015B **Extraction: SW3550B/3630C** **Spiked Sample ID: 1212409-004A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	ND	40	107	108	0.923	114	70 - 130	30	70 - 130
%SS:	116	25	105	106	1.45	116	70 - 130	30	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 73301 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1212409-001A	12/10/12 1:20 PM	12/14/12	12/16/12 11:52 PM	1212409-002A	12/13/12 1:25 PM	12/14/12	12/16/12 9:28 PM
1212409-003A	12/13/12 11:20 AM	12/14/12	12/16/12 11:52 PM	1212409-004A	12/13/12 11:15 AM	12/14/12	12/18/12 8:35 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

APPENDIX E

COMPACTION REPORTS

Summary Report #1

December 17, 2012
Revised on January 14, 2013

American Integrated Services
Attn: Ryan Harding (email)

Job No: J8889

Job Name: CRA Excavation
~~121 Terminal Court~~ **131 Terminal Court*
South San Francisco, CA

Client Project #: 72067

December 12, 2012

Jake Hiner reported to Bill Burnette with AIS at the jobsite. Performed nuclear density testing for earthwork activities. At the time of arrival, the contractor had backfilled the south half of the excavation fill. The excavation is an area of contaminated soils which were removed and replaced with drain rock and quarry fines. The south half was ready for testing at the time of arrival. Contractor had placed and compacted about 4'of fill in an area of 60' x 40'. Performed (2) nuclear density tests at -1' below finish grade. Contractor provided (2) pot hole tests at -2.5 and -1.5. Tests did not appear to match the maximum density curve on record sampled by client. Collected sample, lab results are pending. Obtained (1) soil sample

Work observed was, to the best of Jake's knowledge, in conformance with approved plans, specifications and applicable standards of workmanship.

Steve Corona picked up (1) soil sample from the jobsite.

December 13, 2012

Jake Hiner reported to Ryan with AIS at the jobsite. Observed and performed nuclear density testing for earthwork activities. Contractors backfilled the north half of the excavation. Excavation was a result of the removal of contaminated soils. Depth of pit is 10' dimensions of fill is 40' x 20'. The first 2' of fill was ¾" drain rock. Intermediate fill is Stevens Creek quarry fines. Contractor backfilled the northwest portion of the excavation. Performed (4) nuclear density tests. Test results pending completion of laboratory maximum density. Obtained (1) soil sample.

Work observed was, to the best of Jake's knowledge, in conformance with approved plans, specifications and applicable standards of workmanship.

December 14, 2012

Jake Hiner reported to Ryan with AIS at the jobsite. Observed and performed nuclear density testing for earthwork activities. Contractor backfilled the northeast portion of the excavation. At the time of arrival, the northeast portion was 3' below finish subgrade. Fill area is 20' x 40' Stevens Creek quarry fines were used as backfill up to 1' below grade. Fill was compacted in 8' lifts with a sheep foot wheel attachment. Observed fill placement up to finish subgrade. Performed (3) nuclear density tests. All (3) test met or exceeded project specifications, contractor was informed.

Work observed was, to the best of Jake's knowledge, in conformance with approved plans, specifications and applicable standards of workmanship.

Steve Corona picked up (1) soil sample from the jobsite.

Laboratory test results are enclosed if testing was done during the period covered by this report.

Limitations: These inspections were performed in accordance with requirements, but please note this report shall not be relied upon by others, as acceptance or guarantee of the work. Even with diligent inspection techniques, the contractor is solely liable for defects or failures to adhere to the code.

Steve Stacy FOR — 1/14/2013

Reviewed by Jonathan Felts
Staff Engineer

Date

Technical Contact: ***Timothy Casey, Senior Engineer (tcasey@cts-1.com)***
Administrative Contact: ***Yolanda Deras (yderas@cts-1.com)***

cc: Building Department – City of **South* San Francisco (email)
CTS PM – David Zetterlund (email)

RA

Construction Testing Services
Soils Compaction Testing by ASTM Standards

4770 Duckhorn Drive • Sacramento, CA 95834 • (916) 419-4747 office (916) 419-4774 fax
2118 Rheem Drive • Pleasanton, CA 94588 • (925) 462-5151 office (925) 462-5183 fax

Project Number: **J8889**	Project Name: **CRA Excavation**	Client received copy of this report? ☑ Yes ☐ No	Page: 1 of 2
Date: **12/12/2012**	Client: **American Integrated Services**	Location: **South San Francisco**	Technician/Engineer: **Jake Hiner**
Daily Field Report Number:	Source of Fill: ☐ Native__ ☑ Import Stevens Creek	Contractor/Representative: **AIS/Bill**	Time Arrived: **9:00 AM**
Reviewed By: SS		Gauge Number: **5543** Mileage:	Time Departed: **11:30 AM**
Date Reviewed: 12/20/12	General Location of Fill: **Excavation Fill**	Results Reported To: **Contractor**	Travel Time (hours):
Density Std (DS): 1715	Specified Compaction: **90%**	Weather **Cloudy**	Total time (hours):
Moisture Std (MS): 550			
Soils Report Prepared by:	Equipment observed: ☑ Compaction__ ☐ Excavation__ ☐ Earthwork_		
Soils Report Date:			

Laboratory Compaction Curve A: 74616
Soil Type (description): **Stevens Creek Quarry Fines**
Max. Laboratory Dry Density: **144.9** (lbs/cu. ft)
Optimum Moisture Content (%): **6.9%**

Laboratory Compaction Curve B:
Soil Type (description):
Max. Laboratory Dry Density: (lbs/cu. ft)
Optimum Moisture Content (%):

Test Number	Test Location (i.e. Grid locations, etc.) ☐ See Map/Diagram/Plan attached	Probe Depth (in.)	Test Elev. (ft)	Ref. Curve Used	Test Dry Density (lbs/cu. ft)	Test Moisture %	% Compaction	Comments
1	Excavation Fill South Half - West End	8	-2.5	A	129.7	10.4	90	PASS
2	Excavation Fill South Half - East End	8	-1.5	A	133.3	10.1	92	PASS
3	Excavation Fill South Half - West End	8	-1	A	133.1	8.9	92	PASS
4	Excavation Fill South Half - East End	8	-1	A	130.1	8.3	90	PASS

Any unresolved test (date/number):

Observations/Remarks:

NOTES

1. Tests were conducted in general accordance with the generally accepted testing methodologies practiced within the site area at the time and locations the tests were performed. No warranty is expressed or implied.
2. Test results, pass/fail indications, and/or recommendations (if applicable) provided herein have not been reviewed by supervisory staff, therefore, should be considered preliminary and subject to change.
3. Please note that this report shall not be relied upon by others, as acceptance or guarantee of work. Even with diligent inspection techniques, the contractor is responsible for defects or failures to adhere to the code.

Jake Hiner
Inspector

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Project Number: **J8889**	Project Name: **CRA Excavation**	Client received copy of this report? ☑ Yes ☐ No	Page: 1 of 2
Date: **12/13/2012**	Client: **American Integrated Services**	Location: **South San Francisco**	Technician/Engineer: **Jake Hiner**
Daily Field Report Number:	Source of Fill: ☐ Native__ ☑ Import Stevens Creek	Contractor/Representative: **AIS/Ryan**	Time Arrived: **12:00 PM**
Reviewed By: SS		Gauge Number: **5543** / Mileage:	Time Departed: **4:00 PM**
Date Reviewed: 12/12/12	General Location of Fill: **Excavation Fill**	Results Reported To: **Contractor**	Travel Time (hours):
Density Std (DS): 1742	Specified Compaction: **90%**	Weather **Clear**	Total time (hours):
Moisture Std (MS): 549			
Soils Report Prepared by:	Equipment observed: ☑ Compaction__ Sheeps foot attachment wheel		
Soils Report Date:	☐ Excavation__ ☐ Earthwork_		

Laboratory Compaction Curve A: 74616
Soil Type (description): **Stevens Creek Quarry Fines sand and gravel**
Max. Laboratory Dry Density: **144.9** (lbs/cu. ft)
Optimum Moisture Content (%): **6.9%**

Laboratory Compaction Curve B:
Soil Type (description):
Max. Laboratory Dry Density: (lbs/cu. ft)
Optimum Moisture Content (%):

Test Number	Test Location (i.e. Grid locations, etc.) ☐ See Map/Diagram/Plan attached	Probe Depth (in.)	Test Elev. (ft)	Ref. Curve Used	Test Dry Density (lbs/cu. ft)	Test Moisture %	% Compaction	Comments
1	Excavation Fill North Half - West End	8	-8	A	130.0	11.1	90	PASS
2	Excavation Fill North Half - West End	8	-6	A	139.1	10.4	96	PASS
3	Excavation Fill North Half - West End	8	-4	A	133.3	11.3	92	PASS
4	Excavation Fill North Half - West End	8	-1	A	135.0	10.3	93	PASS

Any unresolved test (date/number):

Observations/Remarks:

NOTES

1. Tests were conducted in general accordance with the generally accepted testing methodologies practiced within the site area at the time and locations the tests were performed. No warranty is expressed or implied.
2. Test results, pass/fail indications, and/or recommendations (if applicable) provided herein have not been reviewed by supervisory staff, therefore, should be considered preliminary and subject to change.
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Jake Hiner
Inspector

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Project Number: **J8889**	Project Name: **CRA Excavation**	Client received copy of this report? ☑ Yes ☐ No	Page: 1 of 2
Date: **12/14/2012**	Client: **American Integrated Services**	Location: **South San Francisco**	Technician/Engineer: **Jake Hiner**
Daily Field Report Number:	Source of Fill: ☐ Native__ ☑ Import Stevens Creek	Contractor/Representative: **AIS/Ryan**	Time Arrived: **9:00 AM**
Reviewed By: SS		Gauge Number: **5543** Mileage:	Time Departed: **3:00 PM**
Date Reviewed: 12/20/12	General Location of Fill: **Excavation Fill**	Results Reported To: **Contractor**	Travel Time (hours):
Density Std (DS): 1716	Specified Compaction: **90%**	Weather **Clear**	Total time (hours):
Moisture Std (MS): 554			
Soils Report Prepared by:	Equipment observed: ☑ Compaction__ Sheeps foot wheel attachment		
Soils Report Date:	☐ Excavation__ ☐ Earthwork_		

Laboratory Compaction Curve A: 74616
Soil Type (description): **Stevens Creek Quarry Fines sand and gravel**
Max. Laboratory Dry Density: **144.9** (lbs/cu. ft)
Optimum Moisture Content (%): **6.9%**

Laboratory Compaction Curve B:
Soil Type (description):
Max. Laboratory Dry Density: (lbs/cu. ft)
Optimum Moisture Content (%):

Test Number	Test Location (i.e. Grid locations, etc.) ☐ See Map/Diagram/Plan attached	Probe Depth (in.)	Test Elev. (ft)	Ref. Curve Used	Test Dry Density (lbs/cu. ft)	Test Moisture %	% Compaction	Comments
1	Excavation Fill North Half - East End	8	-3	A	134.1	10.2	93	PASS
2	Excavation Fill North Half - East End	8	-1	A	133.1	9.4	92	PASS
3	Excavation Fill North Half - East End	8	FSG	A	130.9	9.0	90	PASS

Any unresolved test (date/number):

Observations/Remarks:

NOTES

1. Tests were conducted in general accordance with the generally accepted testing methodologies practiced within the site area at the time and locations the tests were performed. No warranty is expressed or implied.
2. Test results, pass/fail indications, and/or recommendations (if applicable) provided herein have not been reviewed by supervisory staff, therefore, should be considered preliminary and subject to change.
3. Please note that this report shall not be relied upon by others, as acceptance or guarantee of work. Even with diligent inspection techniques, the contractor is responsible for defects or failures to adhere to the code.

Jake Hiner
Inspector

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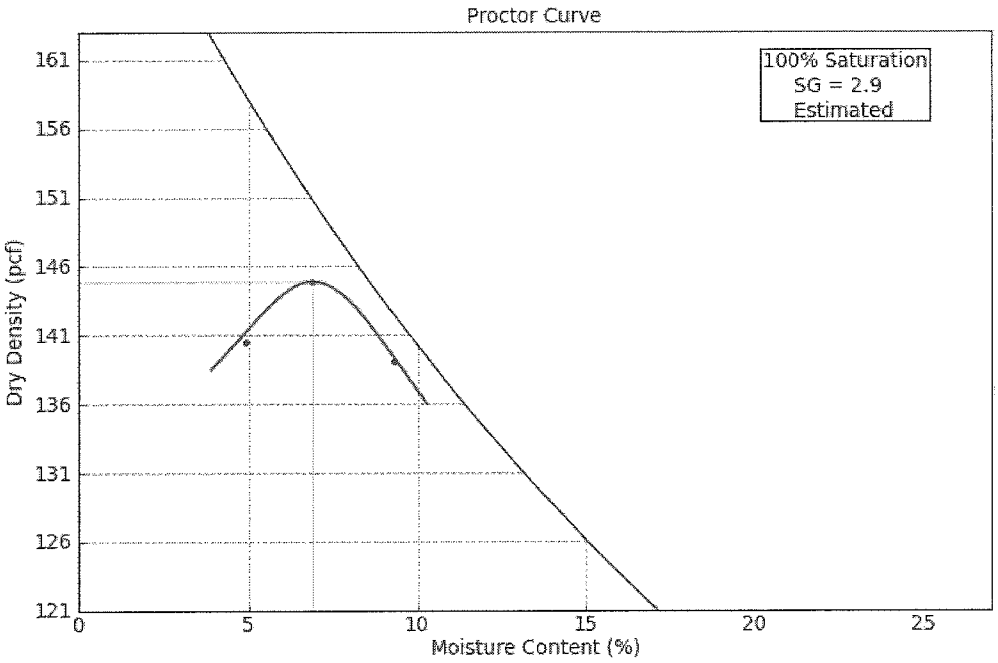
Stockton 209.507.7555
Las Vegas 702.257.4747

Soils Test Report

Project Name: CRA Excavation- 121 Terminal **Place of Sampling:** Excavation Backfill

Project No.:	J8889	**Sampled By:**	Jake Hiner	**Report Date:**	12/20/2012
Client:	American Integrated Services	**Date of Sampling:**	12/12/2012	**Lab Log No.:**	74971



Max Density
144.9 pcf @ 6.9%

As Received Moisture
6.9%

Source
Stevens Creek Quarry

Color
Blue

Description
Quarry Fines

Date Received: 12/13/2012
Date Tested: 12/13/2012
Tested By: Adam Autsen
Material: Soil
Desc of Rammer: Mechanical
Preparation Method: Moist

Reviewed by: Dan Ventura - Staff Engineer — 12/20/2012 Date

ASTM Standards Used: Unless otherwise noted ASTM D-1557 Method-B, C136, D4318, D2216, D1140

Testing was performed by qualified personnel in accordance with generally accepted industry practice, material testing consultants procedures and the above reference standards. This report is applicable only to the items listed herein. The tests performed and in this report are not intended to be considered as any guarantee or warranty of suitability for service or fitness of use of items tested and it should not be relied on as such. The report has been prepared for the exclusive use of the client and any partial or whole reproduction without the consent of the client is prohibited.

Summary Report #2

December 24, 2012

American Integrated Services
Attn: Ryan Harding (email)
Revised on January 14, 2012

Job No: J8889

Job Name: CRA Excavation
~~121 Terminal Court~~ **131 Terminal Court*
South San Francisco, CA

Client Project #: 72067

December 19, 2012

John Sasser reported to the jobsite. Performed soils compaction testing and performed EG class II AB at parking area, running parallel to terminal court. Performed 3 inch place density tests selected by client. All tests met or exceeded compaction requirements. See attached. No samples taken.

Work observed was, to the best of John's knowledge, in conformance with approved plans, specifications and applicable standards of workmanship.

Laboratory test results are enclosed if testing was done during the period covered by this report.

Limitations: These inspections were performed in accordance with requirements, but please note this report shall not be relied upon by others, as acceptance or guarantee of the work. Even with diligent inspection techniques, the contractor is solely liable for defects or failures to adhere to the code.

Steve Stag FOR — 1/14/2013

Reviewed by Jonathan Felts — Date
Staff Engineer

Technical Contact: ***Timothy Casey, Senior Engineer (tcasey@cts-1.com)***
Administrative Contact: ***Yolanda Deras (yderas@cts-1.com)***

cc: Building Department – City of **South* San Francisco (email)
CTS PM – David Zetterlund (email)

RA

Construction Testing Services
Soils Compaction Testing by ASTM Standards

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Project Number: **J8889**	Project Name: **CRA Excavation**	Client received copy of this report? ☑ Yes ☐ No	Page: 1 of 2
Date: **12/19/2012**	Client: **American Integrated Services**	Location: **South San Francisco**	Technician/Engineer: **John Sasser**
Daily Field Report Number:	Source of Fill: ☐ Native__ ☑ Import Class II AB	Contractor/Representative: **AIS/Ryan**	Time Arrived: **8:00 AM**
Reviewed By: SS		Gauge Number: **1978** Mileage:	Time Departed: **10:00 AM**
Date Reviewed: 1/2/13	General Location of Fill: **Parking area**	Results Reported To: **Ryan**	Travel Time (hours):
Density Std (DS): 2936.7	Specified Compaction: **95%**	Weather **Cold**	Total time (hours): **2**
Moisture Std (MS): 369.7			
Soils Report Prepared by:	Equipment observed: ☑ Compaction__ ☐ Excavation__ ☐ Earthwork_		
Soils Report Date:			

Laboratory Compaction Curve A: 75016A
Soil Type (description): **Analysis Grey Class II**
Max. Laboratory Dry Density: **143.3** (lbs/cu. ft)
Optimum Moisture Content (%): **6.3%**

Laboratory Compaction Curve B:
Soil Type (description):
Max. Laboratory Dry Density: (lbs/cu. ft)
Optimum Moisture Content (%):

Test Number	Test Location (i.e. Grid locations, etc.) ☐ See Map/Diagram/Plan attached	Probe Depth (in.)	Test Elev. (ft)	Ref. Curve Used	Test Dry Density (lbs/cu. ft)	Test Moisture %	% Compaction	Comments
1	Parking area south	6	F/6	A	137.5	11.2	96	PASS
2	Parking area west corner	6	F/6	A	136.0	12.2	95	PASS
3	Parking area center	6	F/6	A	137.7	10.4	96	PASS

Any unresolved test (date/number):

Observations/Remarks:

NOTES

1. Tests were conducted in general accordance with the generally accepted testing methodologies practiced within the site area at the time and locations the tests were performed. No warranty is expressed or implied.
2. Test results, pass/fail indications, and/or recommendations (if applicable) provided herein have not been reviewed by supervisory staff, therefore, should be considered preliminary and subject to change.
3. Please note that this report shall not be relied upon by others, as acceptance or guarantee of work. Even with diligent inspection techniques, the contractor is responsible for defects or failures to adhere to the code.

John Sasser
Inspector

☐ Continued next page

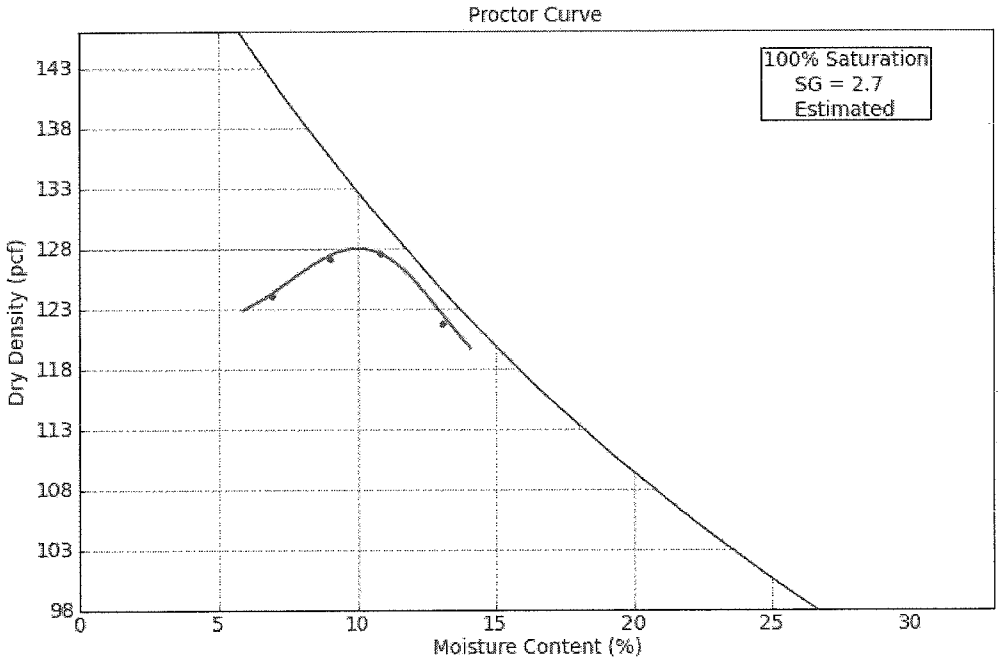
CONSTRUCTION TESTING SERVICES
www.cts-1.com

Pleasanton 925.462.5151
San Francisco 415.334.4747
San Jose 408.573.6992
Oakland 510.444.4747
Sacramento 916.419.4747
Stockton 209.507.7555
Las Vegas 702.257.4747

Soils Test Report

Project Name: CRA Excavation- 121 Terminal **Place of Sampling:** On Site

Project No.:	J8889	**Sampled By:**	Contractor	**Report Date:**	12/13/2012
Client:	American Integrated Services	**Date of Sampling:**	12/04/2012	**Lab Log No.:**	74698



Max Density
128.0 pcf @ 10.0%

As Received Moisture
8.0%

Source
Native subgrade

Color
Grey brown

Description
Sand with gravel

Date Received: 12/04/2012
Date Tested: 12/06/2012
Tested By: AM
Material: Soil
Desc of Rammer: Mechanical
Preparation Method: Moist

Oversized Material:

Andy Malone

12/13/2012

Reviewed by: Andy Malone - Staff Engineer Date

ASTM Standards Used: Unless otherwise noted ASTM D-1557 Method-A, C136, D4318, D2216, D1140

Testing was performed by qualified personnel in accordance with generally accepted industry practice, material testing consultants procedures and the above reference standards. This report is applicable only to the items listed herein. The tests performed and in this report are not intended to be considered as any guarantee or warranty of suitability for service or fitness of use of items tested and it should not be relied on as such. The report has been prepared for the exclusive use of the client and any partial or whole reproduction without the consent of the client is prohibited.

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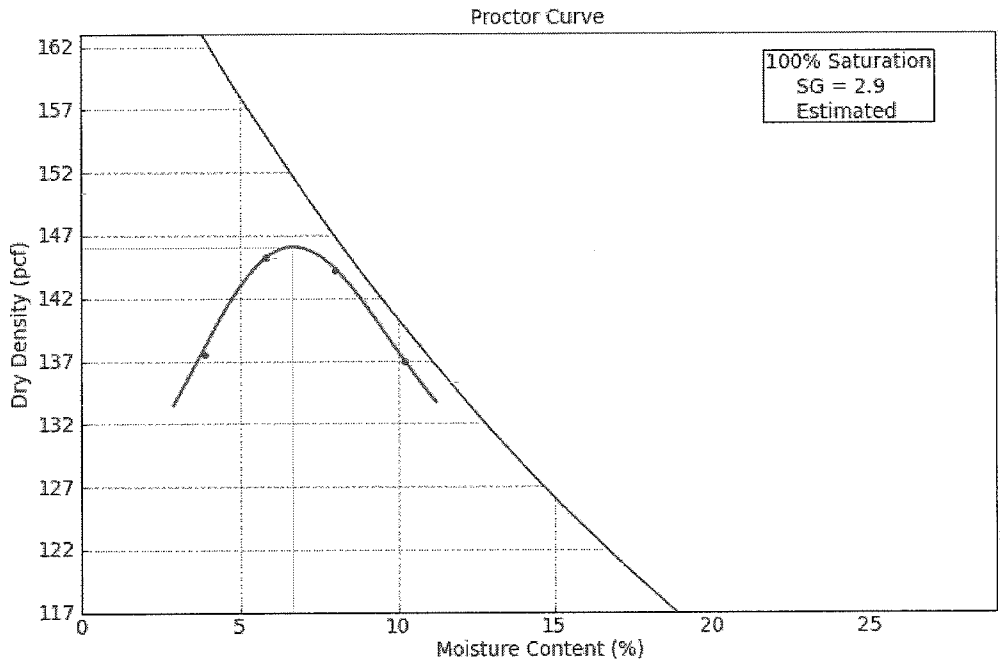
Stockton 209.507.7555
Las Vegas 702.257.4747

Soils Test Report

Project Name: CRA Excavation- 121 Terminal **Place of Sampling:** Quarry

Project No.:	J8889	**Sampled By:**	Contractor	**Report Date:**	12/13/2012
Client:	American Integrated Services	**Date of Sampling:**	12/04/2012	**Lab Log No.:**	74699



Max Density
146.1 pcf @ 6.7%

As Received Moisture
8.5%

Source
Stevens Creek Quarry

Color
Blue grey

Description
Sandy Lean CLAY with Gravel

Date Received: 12/04/2012
Date Tested: 12/06/2012
Tested By: AM
Material: Soil
Desc of Rammer: Mechanical
Preparation Method: Moist

Oversized Material: Percent Of: 7.28; Specific Gravity: 2.7; Percent Moisture: 1.0

12/13/2012

Reviewed by: Dan Ventura - Staff Engineer Date

ASTM Standards Used: Unless otherwise noted ASTM D-1557 Method-B, C136, D4318, D2216, D1140

Testing was performed by qualified personnel in accordance with generally accepted industry practice, material testing consultants procedures and the above reference standards. This report is applicable only to the items listed herein. The tests performed and in this report are not intended to be considered as any guarantee or warranty of suitability for service or fitness of use of items tested and it should not be relied on as such. The report has been prepared for the exclusive use of the client and any partial or whole reproduction without the consent of the client is prohibited.

APPENDIX F

WASTE MANIFESTS

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Sharmaine Jones
Deposit: Sharmaine Jones
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN S. SAN FRANCISCO
DriverOn?: N
Route: 0702487
TRLR/LP#: 75 4R35489

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 09:13:08
DATE OUT: 12/07/2012 TIME OUT: 09:30:42

INBOUND TICKET Number: 01-332604

SCALE 1 GROSS WT.	69320	LB
SCALE 3 TARE WT.	34140	LB
NET WEIGHT	35180	LB

Qty	Description	Amount
17.59	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

4R 35489

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702487

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ DG. Bojorquez Trucking
U.S. EPA ID Number: CAR000148338 DG

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV
Signature: D. Glaze on behalf of Olympian JV
Month: 12 Day: 7 Year: 2012

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: GERARDO BOJORQUEZ
Signature: Gerardo B.
Month: 12 Day: 7 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sloan
Signature:
Month: 12 Day: 7 Year: 12

TRANSPORTER #1

169-BLC-O 5 11977 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Sharmaine Jones
Deposit: Sharmaine Jones
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12290
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 0702488
TRLR/LP#: 2 9A37051

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 09:16:58
DATE OUT: 12/07/2012 TIME OUT: 09:35:36

INBOUND TICKET Number: 01-332607

SCALE 1 GROSS WT.	75820	LB
SCALE 3 TARE WT.	32400	LB
NET WEIGHT	43420	LB

Qty	Description	Amount
21.71	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

2 | 9A3705 1

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702488

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ DAG N. Hernandez Trucking
U.S. EPA ID Number
~~CAR000148338~~ DAG

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: David Lazo on behalf of Olympian JV
Signature: [signature] on behalf of Olympian JV
Month: 12 Day: 07 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: N Hernandez Trucking
Signature: [signature]
Month: 12 Day: 7 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: JOHN
Signature: JOHN
Month: Day: Year:

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Shawaine Jones
bILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 0702490
TRLR/LP#: 509 9B94551

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 09:59:52
DATE OUT: 12/07/2012 TIME OUT: 10:18:52

INBOUND TICKET Number: 01-332632

SCALE 1 GROSS WT.	67320	LB
SCALE 3 TARE WT.	32820	LB
NET WEIGHT	34500	LB

Qty	Description	Amount
17.25	Profile Soil-T Disp	
2.00	US-Unsecured Load	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS To CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials.

5091 9 B94551

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702490

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ DAG A. Mares Trucking
U.S. EPA ID Number
~~CAR000148338~~ DAG.

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 151558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Dan Glaze on behalf of Olympian JV	Dan Glaze on behalf of Olympian JV	12	6	12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Jesus Perez		12	07	12
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)		Month	Day	Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
STONS		12	7	12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Shanmaine Jones
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 0702491
TRLR/LP#: 7804 VP93265

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 10:03:21
DATE OUT: 12/07/2012 TIME OUT: 10:25:22

INBOUND TICKET Number: 01-332633

SCALE 1 GROSS WT.	64420	LB
SCALE 3 TARE WT.	34820	LB
NET WEIGHT	29600	LB

Qty	Description	Amount
14.80	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702499

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA
6900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
American Integrated Services, Inc. — DAG Diaz Trucking

U.S. EPA ID Number
N/A ~~CAR000148338~~ DAG

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585

Facility's Phone:

U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hluze on behalf of Olympian JV
Signature: Dan Hluze on behalf of Olympian JV
Month: 12 Day: 7 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: EFREN DIAZ
Signature:
Month: 12 Day: 7 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 12 Day: 7 Year: 12

TRANSPORTER #1

169-BLC-O-5 11977 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 55 0702489 72067 161558
TRLR/LP#: 9E13093

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 10:22:33
DATE OUT: 12/07/2012 TIME OUT: 10:46:19

INBOUND TICKET Number: 01 332646

SCALE 1 GROSS WT.	70380	LB
SCALE 3 TARE WT.	29660	LB
NET WEIGHT	40720	LB

Qty	Description	Amount
20.36	Profile Soil-I Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702489

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
6900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
American Integrated Services, Inc. DAH LC Estrada Trucking
U.S. EPA ID Number
CAR000148338 DAH

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Facility's Phone: Suisun, CA 94585
U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV
Signature: Dan Glaze on behalf of Olympian JV
Month 12 Day 7 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID A ESTRADA
Signature
Month 12 Day 7 Year 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

TRANSPORTER #1

169-BLC-O 5 11977 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
Driver0n?: N
Route: 5 0702492 72067 161558
TRLR/LP#: QD36806

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 11:49:02
DATE OUT: 12/07/2012 TIME OUT: 12:02:41

INBOUND TICKET Number: 01-332686

SCALE 1 GROSS WT.	79740	LB
SCALE 3 TARE WT.	32320	LB
NET WEIGHT	47420	LB

Qty	Description	Amount
23.71	Profile Soil-I Disp	

X _____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X _____
(Deputy Signature)

this is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

X
(Driver Signature)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NOT REQUIRED	1	888-423-6060	0702492

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA

5900 Hollis Street, Suite A, Emeryville, CA 94608

Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)

131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ DAG — U.S. EPA ID Number: ~~CAR000148338~~ PAG

7. Transporter 2 Company Name: Jodha Bros. Trucking — U.S. EPA ID Number: NA

8. Designated Facility Name and Site Address

Potrero Hills Landfill

3675 Potrero Hills Lane

Suisun, CA 94585

Facility's Phone:

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV — Signature: Dan Glaze on behalf of Olympian JV — Month: 12 — Day: 7 — Year: 2012

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: BALJIT GILL — Signature: Baljit S. Gill — Month: 12 — Day: 07 — Year: 12

Transporter 2 Printed/Typed Name: — Signature: — Month: — Day: — Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month: — Day: — Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: SCO — Signature: — Month: 12 — Day: 7 — Year: 12

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DESIGNATED FACILITY TO GENERATOR

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 2039 0702493 72067 161558
TRLR/LP#: 9D89422

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 12:02:06
DATE OUT: 12/07/2012 TIME OUT: 12:14:56

INBOUND TICKET Number: 01-332696

SCALE 1 GROSS WT.	79800	LB
SCALE 3 TARE WT.	29700	LB
NET WEIGHT	50100	LB

Qty	Description	Amount
25.05	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702493

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ DAH Jodhan Bros. Trucking

U.S. EPA ID Number
N/A ~~CAR000148338~~ DAH

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Facility's Phone: Suisun, CA 94585

U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ian Hyza on behalf of Olympian JV | Signature: [signature] on behalf of Olympian JV | Month: 12 | Day: 7 | Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month: 12 | Day: 7 | Year: 12

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month: 12 | Day: 7 | Year: 12

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TRANSPORTER #2

POTRERO HILLS LANDFILL, INC.
Weigned at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 75 0702494 72067 161558
TRLR/LP#: 4R34589

Origin: SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 13:13:41
DATE OUT: 12/07/2012 TIME OUT: 13:38:19

INBOUND TICKET Number: 01-332729

SCALE 1 GROSS WT.	85360	LB
SCALE 3 TARE WT.	33900	LB
NET WEIGHT	51460	LB

Qty	Description	Amount
25.73	Profile Soil-T Disp	
2.00	US-Unsecured Load	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous malerials.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702494

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
American Integrated Services, Inc. DAG Bojorquez Trucking
U.S. EPA ID Number: N/A CAR000148338 DAG.

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	1	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 151558

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV
Signature: Dan Glaze on behalf of Olympian JV
Month 12 Day 7 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CEICARDO BOJORQUEZ
Signature: Cerardo B.
Month 12 Day 6 Year 12
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

y Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
JCO
Signature
Month 12 Day 7 Year 12

TRANSPORTER #1

377 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 410 0702496 72067 161558
TRLR/LP#: 9D08283

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 13:15:47
DATE OUT: 12/07/2012 TIME OUT: 13:40:37

INBOUND TICKET Number: 01-332730

SCALE 1 GROSS WT.	80780	LB
SCALE 3 TARE WT.	32220	LB
NET WEIGHT	48560	LB

Qty	Description	Amount
24.28	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702496

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA

6900 Hollis Street, Suite A, Emeryville, CA 94608

Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)

131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ DNG Millan Trucking

U.S. EPA ID Number: CAR000148338 DNG

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Potrero Hills Landfill

3675 Potrero Hills Lane

Suisun, CA 94585

Facility's Phone:

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	1	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Dan Glaze on behalf of Olympian JV	on behalf of Olympian JV	12	7	12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Juan JARA		12	7	12
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
		12	7	12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 2 0702495 72067 161558
TRLR/LP#: 9A37051

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 13:23:52
DATE OUT: 12/07/2012 TIME OUT: 13:52:16

INBOUND TICKET Number: 01-332733

SCALE 1 GROSS WT. 83 [illegible] LB
SCALE 3 TARE WT. [illegible] LB
NET WEIGHT 50780 LB

Qty	Description	Amount
25.38	Profile Soil (Disp	
2.00	US-Unsecured Load	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702495

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
American Integrated Services, Inc. DAG Hernandez Trucking
U.S. EPA ID Number: N/A DAG CAR000148338

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Facility's Phone: Suisun, CA 94585
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	1	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hilgar on Behalf of Olympian JV
Signature: Dan Hilgar on behalf of Olympian JV
Month: 12 Day: 7 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Alex Hernandez
Signature: Alex Hernandez
Month: 12 Day: 7 Year: 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

TRANSPORTER #1

169-BLC-O 5 11977 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 509 0702498 72067 161558
TRLR/LP#: 9B94551

Origin: SO. SAN FRANCISCO
DATE IN 12/07/2012 TIME IN: 13:40:11
DATE OUT: 12/07/2012 TIME OUT: 13:54:58

INBOUND TICKET Number: 01-332739

SCALE 1 GROSS WT.	77040	LB
SCALE 3 TARE WT.	32680	LB
NET WEIGHT	44360	LB

Qty	Description	Amount
22.18	Profile Soil -T Disp	
2.00	US-Unsecured Load	

X _____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X _____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 0702498

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ DAG Marez Trucking
U.S. EPA ID Number: N/A CAR000148338 DAG

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Gilroze on behalf of Olympian JV
Signature: Dan G on behalf of Olympian JV
Month: 12 Day: 7 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ① DAG
Signature:
Month: ~~12~~ Day: ~~7~~ Year: ~~12~~

Transporter 2 Printed/Typed Name: MAREZ peina
Signature:
Month: 12 Day: 09 Year: 12

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 12 Day: 7 Year: 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 7804 0702499 72067 161556
TRLR/LP#: VP93265

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 13:43:59
DATE OUT: 12/07/2012 TIME OUT: 14:03:51

INBOUND TICKET Number: 01-332741

SCALE 1 GROSS WT.	73660	LB
SCALE 3 TARE WT.	34760	LB
NET WEIGHT	38900	LB

Qty	Description	Amount
19.45	Profile Soil-T Disp	
2.00	US-Unsecured Load	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials.

T604 - VP 93265

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702491

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)

131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ DAG Diaz Trucking

U.S. EPA ID Number: ~~CAR000148338~~ DAG

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585

Facility's Phone:

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

ProfileN: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV

Signature: Dan Glaze on behalf of Olympian JV

Month: 12 Day: 7 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: EFREN DIAZ

Signature:

Month: 12 Day: 7 Year: 12

Transporter 2 Printed/Typed Name

Signature

Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: JOHN

Signature: JOHN

Month: 12 Day: 7 Year: 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 5 0702501 72067 161558
TRLR/LP#: 9D36806

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 16:28:57
DATE OUT: 12/07/2012 TIME OUT: 16:44:13

INBOUND TICKET Number: 01-332832

SCALE 1 GROSS WT.	84180	LB
SCALE 3 TARE WT.	32140	LB
NET WEIGHT	52040	LB

Qty	Description	Amount
26.02	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702501

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
American Integrated Services, Inc. DAG Jocha Bros.
U.S. EPA ID Number: NA CAR000148338 DAG

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.	2 Loads					

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Gluze on behalf of Olympian JV
Signature: Dan Gluze on behalf of Olympian JV
Month: 12 Day: 7 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: BALSIT Grill
Signature:
Month: 12 Day: 7 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: 12 Day: 11 Year: 12

TRANSPORTER #1

169-BLC-O 5 11977 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P O. B 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: 9HLF12230
Grid: 14
HaulCust#: ORIGIN: S. SAN FRANCISCO
DriverOn? N
Route: 2039
TRLR/LP#: 9D89422

Origin: SO. SAN FRANCISCO
DATE IN: 12/07/2012 TIME IN: 16:35:20
DATE OUT: 12/07/2012 TIME OUT: 16:45:35

INBOUND TICKET Number: 01-370833

SCALE 1 GROSS WT.	84940	LB
SCALE 3 TARE WT.	29520	LB
NET WEIGHT	55420	LB

Qty	Description	Amount
27.71	Profile Soil-I Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702502

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
American Integrated Services, Inc. DBA Jodha Trucking
U.S. EPA ID Number: NA CAR000148338

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV
Signature: Dan Glaze on behalf of Olympian JV
Month 12 Day 7 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name
Signature
Month 12 Day 7 Year 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

TRANSPORTER #2

169-BLC-O 5 11977 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Sharmaine Jones
Deposit: Sharmaine Jones
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 0702500 PJ 72067
TRLR/LP#: 55 9E13093

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 08:23:23
DATE OUT: 12/10/2012 TIME OUT: 08:46:26

INBOUND TICKET Number: 01-333133

SCALE 1 GROSS WT.	74440	LB
SCALE 3 TARE WT.	29720	LB
NET WEIGHT	44720	LB

Qty	Description	Amount
22.36	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

55/9E1B093

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702500

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA

5900 Hollis Street, Suite A, Emeryville, CA 94608

Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)

131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ DAL Estrada Trucking — U.S. EPA ID Number: N/A ~~CAR000148338~~

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Potrero Hills Landfill

3675 Potrero Hills Lane

Suisun, CA 94585

Facility's Phone:

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hagg on behalf of Olympian JV — Signature: Dan Hagg on behalf of Olympian JV — Month: 12 — Day: 7 — Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month: 12 — Day: 7 — Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jones — Signature: JNL — Month: 12 — Day: 10 — Year: 12

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Sharmaine Jones
Deposit: Sharmaine Jones
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 0702504 PJ 72067
TRLR/LP#: 409 9B34818

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 09:19:33
DATE OUT: 12/10/2012 TIME OUT: 09:41:11

INBOUND TICKET Number: 01-333169

SCALE 1 GROSS WT.	79420	LB
SCALE 3 TARE WT.	30980	LB
NET WEIGHT	48440	LB

Qty	Description	Amount
24.22	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

409 | 9B34818

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702504

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc~~ DAG Millan Trucking
U.S. EPA ID Number: N/A CAR000148338 DAG

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14 DAG 17	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV
Signature: Dan Glaze on behalf of Olympian JV
Month 12 Day 10 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: FRANCISCO J
Signature:
Month 12 Day 10 Year 12
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: SCH
Signature: SCH
Month 12 Day 10 Year 12

TRANSPORTER #1

169-BLC-O 5 11977 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Sharmaine Jones
Deposit: Sharmaine Jones
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 0702505 PJ 72067
TRLR/LP#: 410 9D08283

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 09:42:43
DATE OUT: 12/10/2012 TIME OUT: 09:56:00

INBOUND TICKET Number: 01-333182

SCALE 1 GROSS WT.	79880	LB
SCALE 3 TARE WT.	32620	LB
NET WEIGHT	47260	LB

Qty	Description	Amount
23.63	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

410/9D08283

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702505

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ DAG Millan Trucking — U.S. EPA ID Number: DAG ~~CAR000148338~~

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Facility's Phone: Suisun, CA 94585
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	17	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161556

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hance on behalf of Olympian JV — Signature: [signature] on behalf of Olympian JV — Month: 12 — Day: 10 — Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Juan Jara — Signature: [signature] — Month: 12 — Day: 10 — Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Signed — Signature: [signature] — Month: 12 — Day: 10 — Year: 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: James Quitiquez
Depos[illegible] Jones
BILL [illegible] 2569
AMERICAN INTEGRATED SVC.

[illegible]
Entered: [illegible]
[illegible]:
Hauled#: ORIGIN S. SAN FRANCISCO
Driver#?: N
Route: 0702503 P.I 72067
TRLR/LP#: 555 UP69229

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 09:56:54
DATE OUT: 12/10/2012 TIME OUT: 10:13:46

INBOUND TICKET Number: 01-333192

SCALE 1 GROSS WT.	93060	LB
SCALE 3 TARE WT.	31740	LB
NET WEIGHT	61320	LB

Qty	Description	Amount
30.66	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type

1555 UP69289

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702513

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ DAG RoadRunner Trucking — U.S. EPA ID Number: NA ~~CAR000148338~~ DAG

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV — Signature: on behalf of Olympian JV — Month: 12 — Day: 10 — Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:
Transporter Signature (for exports only): — Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Hardeep Gosal — Signature: Hgosal — Month: 12 — Day: 10 — Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

169-BLC-O-5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Sharmaine Jones
Depositt: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 8 0702507 72067 161558
TRLR/LP#: 9E10376

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 10:01:58
DATE OUT: 12/10/2012 TIME OUT: 10:28:48

INBOUND TICKET Number: 01-333197

SCALE 1 GROSS WT.	77760	LB
SCALE 3 TARE WT.	29260	LB
NET WEIGHT	48500	LB

Qty	Description	Amount
24.25	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702507

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ DAG Mels Trucking
U.S. EPA ID Number: N/A CAR000148338 DAG

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 151558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV
Signature: Dan Glaze on behalf of Olympian JV
Month: 12 Day: 10 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MELVYN ORTIZ
Signature:
Month: 12 Day: 10 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 12 Day: 10 Year: 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Sharmaine Jones
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 408 G702506 72067 161558
TRLR/LP#: 9837133

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 10:17:49
DATE OUT: 12/10/2012 TIME OUT: 10:33:31

INBOUND TICKET Number: 01-333211

SCALE 1 GROSS WT.	82540	LB
SCALE 3 TARE WT.	33260	LB
NET WEIGHT	49280	LB

Qty	Description	Amount
24.64	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702506

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ DAG Millan Trucking
U.S. EPA ID Number: N/A CAR000148338 DAG

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	17	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Truck Lic# 9B37133
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV
Signature: on behalf of Olympian JV
Month 12 Day 10 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAG C. MILLAN
Signature:
Month 12 Day 10 Year 12
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month 12 Day 10 Year 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Sharmaine Jones
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: 14LF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOnZ: N
Route: 511
TRLR/LP#: 49738D1

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 10:34:25
DATE OUT: 12/10/2012 TIME OUT: 10:49:33

INBOUND TICKET Number: 01-333225

SCALE 1 GROSS WT.	71560	LB
SCALE 3 TARE WT.	29000	LB
NET WEIGHT	42560	LB

Qty	Description	Amount
21.28	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

311

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702510

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ DAG Johal Bros. 49738D1

U.S. EPA ID Number
NA ~~CAR000148338~~ DAG

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Facility's Phone: Suisun, CA 94585

U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	016	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glue on behalf of Olympian JV
Signature: Dan Glue on behalf of Olympian JV
Month: 12 Day: 10 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Amardeep Sandhu
Signature:
Month: 12 Day: 10 Year: 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year 12 10 12

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TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 567 0702509 72067 161558
TRLR/LP#: 9D44725

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 11:01:40
DATE OUT: 12/10/2012 TIME OUT: 11:25:21

INBOUND TICKET Number: 01-333248

SCALE 1 GROSS WT.	74600	LB
SCALE 3 TARE WT.	33980	LB
NET WEIGHT	40620	LB

Qty	Description	Amount
20.31	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702509

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: American Integrated Services, Inc. D4G HT Trucking
U.S. EPA ID Number: N/A CAR000148338 D4G

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Facility's Phone: Suisun, CA 94585
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y	
2.						
3.	01-333414 21.67					
4.						

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hare on behalf of Olympian JV
Signature: Dan Hare on behalf of Olympian JV
Month: 12 Day: 10 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: H.T. Trucking Doug Ray
Signature: Doug Ray
Month: 12 Day: 10 Year: 12

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
4 yd

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month: Day: Year:

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 409 0702511 72067 161558
TRLR/LP#: 9B34818

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 12:41:13
DATE OUT: 12/10/2012 TIME OUT: 12:58:09

INBOUND TICKET Number: 01-333308

SCALE 1 GROSS WT.	83340	LB
SCALE 3 TARE WT.	30820	LB
NET WEIGHT	52520	LB

Qty	Description	Amount
26.26	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702511

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)

131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ DAL Millan Trucking — U.S. EPA ID Number: NA ~~CAR000149328~~ DAL

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y	
2.						
3.						
4.	409# 9B34818					

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hazle on behalf of Olympian JV — Signature: Dan Hazle on behalf of Olympian JV — Month 12 Day 10 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Francisco Salazar — Signature — Month 12 Day 10 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Gutierrez
Deposit: Janee Gutierrez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 410 0702512 72067 161558
TRLR/LP#: 9D08283

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 13:34:35
DATE OUT: 12/10/2012 TIME OUT: 13:53:33

INBOUND TICKET Number: 01-333342

SCALE 1 GROSS WT.	86620	LB
SCALE 3 TARE WT.	32500	LB
NET WEIGHT	54120	LB

Qty	Description	Amount
27.06	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702512

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: American Integrated Services, Inc. DAG Millan Trucking
U.S. EPA ID Number: N/A CAR000148338 DAG

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Facility's Phone: Suisun, CA 94585
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Haze on behalf of Olympian JV
Signature: Dan Haze on behalf of Olympian JV
Month: 12 Day: 10 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Juan Jara
Signature:
Month: 12 Day: 10 Year: 12

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month: 12 Day: 10 Year: 12

TRANSPORTER #1

169-BLC-O 5 11977 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
Bill To: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF122810
Grid: 14
RadioCast#: [illegible] S. SAN FRANCISCO
Driver On?: N
Route: 555 070513 72067 161558
IRLR/LP#: UP69229

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 14:07:32
DATE OUT: 12/10/2012 TIME OUT: 14:29:13

INBOUND TICKET Number: 01 333353

SCALE 1 GROSS WT	93920	LB
SCALE 1 TARE WT	31760	LB
NET WEIGHT	62160	LB

Qty	Description	Amount
31.08	Profile Soil T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type

555 UPG9229

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702503

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ DAS Road Runner Truck Lines
U.S. EPA ID Number: N/A ~~CAR000148338~~ DAS

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	17	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV
Signature: Dan Glaze on behalf of Olympian JV
Month: 12 Day: 10 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: HARDEEP GOSAL
Signature:
Month: 12 Day: 10 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: JONES
Signature:
Month: 12 Day: 10 Year: 12

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TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 511 0702517 72067 161558
TRLR/LP#: 49738D1

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 14:22:07
DATE OUT: 12/10/2012 TIME OUT: 14:37:32

INBOUND TICKET Number: 01-333364

SCALE 1 GROSS WT.	75000	LB
SCALE 3 TARE WT.	29220	LB
NET WEIGHT	45780	LB

Qty	Description	Amount
22.89	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702517

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc~~ DAG Johal Bros.
U.S. EPA ID Number: N/A ~~CAR000148338~~ DAG

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Facility's Phone: Suisun, CA 94585
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 151558

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hluze on behalf of Olympian JV
Signature: [signature] on behalf of Olympian JV
Month: 12 Day: 10 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Amwardeep Sandhu
Signature: [signature]
Month: 12 Day: 10 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible]
Signature: [signature]
Month: 12 Day: 10 Year: 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 408 0702514 72067 161558
TRLR/LP#: 9B37133

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 14:31:22
DATE OUT: 12/10/2012 TIME OUT: 14:48:31

INBOUND TICKET Number: 01-333371

SCALE 1 GROSS WT.	94480	LB
SCALE 3 TARE WT.	33060	LB
NET WEIGHT	61420	LB

Qty	Description	Amount
30.71	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702514

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA

5900 Hollis Street, Suite A, Emeryville, CA 94608

Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)

131 Terminal Court

South San Francisco, CA 94080

6. Transporter 1 Company Name: American Integrated Services, Inc. DAG Millan Trucking — U.S. EPA ID Number: NA CAR000148338 DAG

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

Potrero Hills Landfill

3675 Potrero Hills Lane

Facility's Phone: Suisun, CA 94585

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

TRACTOR LIC# 9837133

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230

Project #: 72067

CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hluze on behalf of Olympian JV — Signature: Dan Hluze on behalf of Olympian JV — Month: 12 Day: 10 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mio C Millan — Signature — Month: 12 Day: 10 Year: 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month: 12 Day: 10 Year: 12

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TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
Bill To: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 8 0702515 72067 161558
TRLR/LP#: 9E10376

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 14:46:23
DATE OUT: 12/10/2012 TIME OUT: 15:12:52

INBOUND TICKET Number: 01-333384

SCALE 1 GROSS WT.	81220	LB
SCALE 3 TARE WT.	29060	LB
NET WEIGHT	52160	LB

Qty	Description	Amount
26.08	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Sharmaine Jones
Deposit: Janae Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 01 0702508 72067 161558
TRLR/LP#: 9D75577

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 10:26:45
DATE OUT: 12/10/2012 TIME OUT: 10:55:14

INBOUND TICKET Number: 01-333218

SCALE 1 GROSS WT.	72360	LB
SCALE 3 TARE WT.	34400	LB
NET WEIGHT	37960	LB

Qty	Description	Amount
18.98	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

(1)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702508

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc~~ D46 JRY Trucking.
U.S. EPA ID Number
D46 ~~CAR000149336~~ N/A

7. Transporter 2 Company Name
N/A
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glover on behalf of Olympian JV
Signature: Dan Glover on behalf of Olympian JV
Month: 12 Day: 10 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rafael
Signature:
Month: 12 Day: 10 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 12 Day: 10 Year: 12

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TRANSPORTER #1

(2)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

(2)

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 01 0702516 72067 161558
TRLR/LP#: 9D75577

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 14:39:52
DATE OUT: 12/10/2012 TIME OUT: 15:10:02

INBOUND TICKET Number: 01-333379

SCALE 1 GROSS WT.	78000	LB
SCALE 3 TARE WT.	34200	LB
NET WEIGHT	43800	LB

Qty	Description	Amount
21.90	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

(2) of

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NOT REQUIRED	1	888-423-6050	0702516

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA

5900 Hollis Street, Suite A, Emeryville, CA 94608

Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)

131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ DAG JRY Trucking.

U.S. EPA ID Number: N/A ~~CAR000145338~~ DAG

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Potrero Hills Landfill

3675 Potrero Hills Lane

Suisun, CA 94585

Facility's Phone:

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hluze on behalf of Olympian JV

Signature: Dan Hluze on behalf of Olympian JV

Month: 12 Day: 09 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: KAFAI CARLSON

Signature

Month: 12 Day: 13 Year:

Transporter 2 Printed/Typed Name

Signature

Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month: 12 Day: 10 Year: 12

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TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702515

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
American Integrated Services, Inc. DAG Mels Trucking
U.S. EPA ID Number: N/A CAR000149338 DAG

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 151558

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Glaze on behalf of Olympian JV
Signature: Dan Glaze on behalf of Olympian JV
Month: 12 Day: 10 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Melvin Dag
Signature:
Month: 12 Day: 10 Year: 12
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: Day: Year:

TRANSPORTER #1

169-BLC-O 5 11977 (Rev. 9/09)

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 567 0702518 72067 161558
TRLR/LP#: 9D44725

Origin: SO. SAN FRANCISCO
DATE IN: 12/10/2012 TIME IN: 16:09:59
DATE OUT: 12/10/2012 TIME OUT: 16:45:06

INBOUND TICKET Number: 01-333414

SCALE 1 GROSS WT.	77340	LB
SCALE 3 TARE WT	34000	LB
NET WEIGHT	43340	LB

Qty	Description	Amount
21.67	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 0702518

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: American Integrated Services, Inc. DAL HT Trucking
U.S. EPA ID Number: NA CAR000148338 DAL

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	017	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dan Hluza on behalf of Olympian JV
Signature: Dan Hluza on behalf of Olympian JV
Month: 12 Day: Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: H.T. Trucking Doug Ray
Signature: Doug Ray
Month: 12 Day: 10 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 12 Day: 10 Year: 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 355 0702520 72067 161558
TRLR/LP#: 9D44801

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 08:36:46
DATE OUT: 12/14/2012 TIME OUT: 08:52:31

INBOUND TICKET Number: 01-334569

SCALE 1 GROSS WT.	76140	LB
SCALE 3 TARE WT.	32700	LB
NET WEIGHT	43440	LB

Qty	Description	Amount
21.72	Profile Soil-I Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Busines and Professions Code), administered the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials,

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702520

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ ND Johal Bros. Enterprises
U.S. EPA ID Number: ND ~~CAR000146338~~ NA

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Facility's Phone: Suisun, CA 94585
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	40	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV
Signature: [signature] on behalf of Olympian JV
Month: 12 Day: 14 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kulwinder Singh
Signature: [signature]
Month: 12 Day: 14 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 517 0702519 72067 161558
TRLR/LP#: 81516C1

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 08:53:21
DATE OUT: 12/14/2012 TIME OUT: 09:03:07

INBOUND TICKET Number: 01-334577

SCALE 1 GROSS WT.	66400	LB
SCALE 3 TARE WT.	24980	LB
NET WEIGHT	41420	LB

Qty	Description	Amount
20.71	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 0702519

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: American Integrated Services, Inc. ND Johal Bros. Enterprises
U.S. EPA ID Number: N/A CAR000148338 ND

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	20	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV
Signature: Nathan Diem on behalf of Olympian JV
Month: 12 Day: 14 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ramaljit Singh
Signature:
Month: 12 Day: 14 Year: 12
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: 12 Day: 19 Year: 12

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TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: James Quinonez
Deposit: James Quinonez
BILL TO: [illegible]
GARICAN INTEGRATED SVC.

Vehicle ID:
Reference: [illegible]
Grid: 14
HaulCo: ORIGIN S. SAN FRANCISCO
Driver: N
Note: 011 0702521 72067 161558
TRK/LP#: 497380I

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 08:55:06
DATE OUT: 12/14/2012 TIME OUT: 09:11:02

INBOUND TICKET Number: 01-334578

SCALE 1 GROSS WT.	71480	LB
SCALE 3 TARE WT.	28960	LB
NET WEIGHT	42520	LB

Qty	Description	Amount
21.26	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 0702521

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
American Integrated Services, Inc. -- Johal Bros. Enterprises
U.S. EPA ID Number: N/A ~~CAR000148338~~ ND

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	20	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 151558

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV
Signature: [signature] on behalf of Olympian JV
Month: 12 Day: 11 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Anwardeep Singh
Signature: [signature]
Month: 12 Day: 14 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 12 Day: 14 Year: 12

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TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 113 214187 72067
TRLR/LP#: 7V67189

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 09:02:29
DATE OUT: 12/14/2012 TIME OUT: 09:13:50

INBOUND TICKET Number: 01-334581

SCALE 1 GROSS WT.	73100	LB
SCALE 3 TARE WT.	26780	LB
NET WEIGHT	46420	LB

Qty	Description	Amount
23.16	Profile Soil-I Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 214192

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: American Integrated Services, Inc. (ND)
U.S. EPA ID Number: N/A CAR000148338 (ND)

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

INT'L

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV
Signature: Nathan Diem on behalf of Olympian JV
Month: 12 Day: 14 Year: 12

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter Signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name: Gurpreet Singh
Signature: G. Singh
Month: 12 Day: 14 Year: 12

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNED FACILITY

17. Discrepancy
17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: 12 Day: 14 Year: 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Operator: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF
Grid: 14
HaulCust#: ORIGIN- S. SAN
DriverOn?: N
Route: 913 214188 72067
TRLR/LP#: 69628H1

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 10:00:26
12/14/2012 TIME OUT: 10:26:11

Number: 01-334613

GROSS WT. 62740 LB
TARE WT. 26040 LB
NET WT. 36700 LB

Description Amount
18.35 Mile Soil-T Disp

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 214188

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ Johal Bros. Enterprises
U.S. EPA ID Number: N/A ND ~~CAR000118358~~

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Nathan Diemon behalf of Olympian JV
Signature: Nathan Diemon behalf of Olympian JV
Month 12 Day 14 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name: GURDEEP JOHAL 6962411
Signature:
Month 12 Day 14 Year 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNED FACILITY

17. Discrepancy
17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 12 Day 14 Year 12

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 355 214189 72067 161558
TRLR/LP#: 9D44801

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 11:45:38
DATE OUT: 12/14/2012 TIME OUT: 11:59:29

INBOUND TICKET Number: 01-334666

SCALE 1 GROSS WT.	81480	LB
SCALE 3 TARE WT.	32600	LB
NET WEIGHT	48880	LB

Qty	Description	Amount
24.44	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	214189

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
ND
~~American Integrated Services, Inc.~~ Johal Bros. Enterprises
U.S. EPA ID Number
N/A ND ~~CAR000148338~~

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number
NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (866) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name Nathan Dem on behalf of Olympian JV
Signature on behalf of Olympian JV
Month 12 Day 14 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter Signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name Kulwinder Singh
Signature
Month 12 Day 14 Year 12
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNED FACILITY

17. Discrepancy
17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 12 Day 14 Year 12

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 113 214192 72067 161558
TRLR/LP#: 7V67199

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 12:01:35
DATE OUT: 12/14/2012 TIME OUT: 12:13:36

INBOUND TICKET Number: 01-334678

SCALE 1 GROSS WT.	71380	LB
SCALE 3 TARE WT.	26580	LB
NET WEIGHT	44800	LB

Qty	Description	Amount
22.40	Profile Soil-I Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

113

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	214187

GENERATOR

5. Generator's Name and Mailing Address

Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ ND Jehal Bros. Enterprises — U.S. EPA ID Number: N/A ~~CAR000148338~~ ND

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	20	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV — Signature: [signature] on behalf of Olympian JV — Month: 12 — Day: 14 — Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials

Transporter 1 Printed/Typed Name: Gurbaccan Singh — Signature: G. Singh — Month: 12 — Day: 14 — Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNED FACILITY

17. Discrepancy

17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year: 12/14/12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN-- S. SAN FRANCISCO
DriverOn?: N
Route: 517 214190 72067 161558
TRLR/LP#: 81516C1

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 12:04:12
DATE OUT: 12/14/2012 TIME OUT: 12:14:28

INBOUND TICKET Number: 01-334679

SCALE 1 GROSS WT.	69180	LB
SCALE 3 TARE WT.	24900	LB
NET WEIGHT	44280	LB

Qty	Description	Amount
22.14	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 214194

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ ND John Bros. Enterprises
U.S. EPA ID Number: N/A ~~CAR000148338~~ ND

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (866) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

INT'L

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV
Signature: Nathan Diem on behalf of Olympian JV
Month: 12 Day: 14 Year: 12

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter Signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name: Kamaljit Singh
Signature:
Month: 12 Day: 14 Year: 12
Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNED FACILITY

17. Discrepancy
17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month: Day: Year:

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: bill 214191 72067 161558
TRLR/LP#: 49738D1

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 12:06:17
DATE OUT: 12/14/2012 TIME OUT: 12:17:54

INBOUND TICKET Number: 01-334680

SCALE 1 GROSS WT.	77220	LB
SCALE 3 TARE WT.	28840	LB
NET WEIGHT	48380	LB

Qty	Description	Amount
24.19	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed in Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 214191

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ND American Integrated Services, Inc. Jahal Bros. Enterprises
U.S. EPA ID Number: N/A ND CAR000148338

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT		Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 151558

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV
Signature: Nathan Diem on behalf of Olympian JV
Month 12 Day 14 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter Signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name: Anwardeep Sandhu
Signature:
Month 12 Day 14 Year 12
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNED FACILITY

17. Discrepancy
17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month 12 Day 14 Year 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 355 214193 72067 161558
TRLR/LP#: 9D44801

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 14:49:46
DATE OUT: 12/14/2012 TIME OUT: 15:00:57

INBOUND TICKET Number: 01-334734

SCALE 1 GROSS WT.	73680	LB
SCALE 3 TARE WT.	32440	LB
NET WEIGHT	41240	LB

Qty	Description	Amount
20.62	Profile Soil T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	214193

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
ND
American Integrated Services, Inc. Jahal Bros. Enterprises
U.S. EPA ID Number: N/A ND CAR000148338

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (866) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV
Signature: on behalf of Olympian JV
Month 12 Day 14 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter Signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials

Transporter 1 Printed/Typed Name: Kulwinder Singh
Signature:
Month 12 Day 14 Year 12

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Typed Name:
Signature:
Month 12 Day 14 Year 12

11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 517 214194 72067 161558
TRLR/LP#: 81516C1

Origin: SO. SAN FRANCISCO
DATE IN: 12/14/2012 TIME IN: 15:09:59
DATE OUT: 12/14/2012 TIME OUT: 15:19:42

INBOUND TICKET Number: 01-334740

SCALE 1 GROSS WT.	55660	LB
SCALE 3 TARE WT.	24780	LB
NET WEIGHT	40880	LB

Qty	Description	Amount
20.44	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	214190

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name
~~American Integrated Services, Inc.~~ ND Johal Bros. Enterprises
U.S. EPA ID Number N/A ND CAR000148338

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Waste Solid (Soil)	001	DT	14	Y	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 161558

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV
Signature: Nathan Diem on behalf of Olympian JV
Month 12 Day 14 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter Signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name: Kamal Jit Singh
Signature:
Month 12 Day 14 Year 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNED FACILITY

17. Discrepancy
17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 12 Day 14 Year 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Grid: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 410 214199 72067 161558
TRLR/LP#: 9D08283

Origin: SO. SAN FRANCISCO
DATE IN: 12/17/2012 TIME IN: 11:50:43
DATE OUT: 12/17/2012 TIME OUT: 12:11:52

INBOUND TICKET Number: 01-335103

SCALE 1 GROSS WT.	78640	LB
SCALE 3 TARE WT.	32340	LB
NET WEIGHT	46300	LB

Qty	Description	Amount
23.15	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 214199

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ ND Millan Trucking
U.S. EPA ID Number: N/A ~~CAR000148338~~ ND

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: PHLF12-230
Project #: 72067
CRA#: 151558

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Nathan Dicus on behalf of Olympian JV
Signature: on behalf of Olympian JV
Month: 12 Day: 17 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter Signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name: Juan JARA
Signature:
Month: 12 Day: 17 Year: 12
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNED FACILITY

17. Discrepancy
17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

169-BLC-O 5_11977 (Rev. 9/09)

TRANSPORTER #1

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID:
Reference: PHLF12230
Yard: 14
HaulCust#: ORIGIN- S. SAN FRANCISCO
DriverOn?: N
Route: 55 214198 72067 16155
TRLR/EP#: SE13093

ORIGIN: SO. SAN FRANCISCO
DATE IN: 12/17/2012 TIME IN: 11:52:58
DATE OUT: 12/17/2012 TIME OUT: 12:13:07

INBOUND TICKET Number: 01 335104

SCALE 1 GROS. WT.	85740	LB
SCALE 3 TARE WT.	29840	LB
NET WEIGHT	55900	LB

Qty	Description	Amount
27.95	Profile Soil-T Disp	

X_____

WEIGHMASTER CERTIFICATE:

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code), administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

X_____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone: 888-423-6060
4. Waste Tracking Number: 214198

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: ~~American Integrated Services, Inc.~~ ND Hittan Trucking ND LC Estrada
U.S. EPA ID Number: N/A ND CAR000148338

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

9a.	9b. U.S. DOT Description (including Proper Shipping Name)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Waste Solid (Soil)	001	DT	18	Y	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF12-230
Project #: 72067
CRA#: 151558

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Nathan Diem on behalf of Olympian JV
Signature: Nathan Diem on behalf of Olympian JV
Month: 12 Day: 17 Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name: Estrada Carlos
Signature: Carlos Estrada
Month: 12 Day: 17 Year: 12
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNED FACILITY

17. Discrepancy
17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: 12 Day: 17 Year: 12

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: 10/9/2013

REFERENCE NO.: 161558

PROJECT NAME: 131 Terminal Court
South San Francisco, CA

TO: Mr. Jacob Madden
San Mateo County Environmental Health
2000 Alameda de las Pulgas, Suite 100
San Mateo, California 94403

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other GeoTracker upload

QUANTITY	DESCRIPTION
1	CASE CLOSURE REPORT

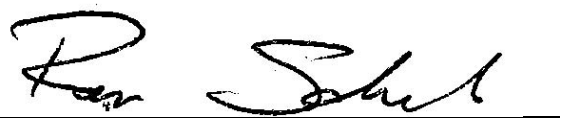
- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐

COMMENTS:

If you have any question regarding the content of this document, please contact Ron Scheele at (510) 420-3327

Copy to: Ms. Janet Heikel
Ms. Amanda Appelt
Mr. Primo Reppeto
Mr. James Schwartz

Completed by: Ron Scheele [Please Print]

Signed: 

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CASE CLOSURE REQUEST

FORMER OLYMPIAN STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

AGENCY CASE NO. 55014

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OCTOBER 9, 2013
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CASE CLOSURE REQUEST

FORMER OLYMPIAN CARDLOCK STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

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1.0 INTRODUCTION

On behalf of Olympian, JV (Olympian), Conestoga-Rovers & Associates (CRA) has prepared this *Case Closure Request* for the property (Site) located at 131 Terminal Court, South San Francisco, California (see **Figures 1 and 2**). This report also includes the results of recent post-remediation groundwater sampling which was proposed in CRA's *Remedial Action Completion Report* dated February 4, 2013 and approved by San Mateo County Environmental Health Department, Groundwater Protection Program (GPP) in a letter dated March 6, 2013 (see Appendix A). Presented below are the groundwater sampling activities and results, conceptual site model, low-threat UST case closure evaluation, and recommendations.

2.0 POST-REMEDIATION GROUNDWATER SAMPLING

2.1 FIELD ACTIVITIES

The objective of the groundwater sampling activities were to confirm groundwater conditions following the remedial soil excavation activities that were conducted in December 2012. Grab groundwater samples were collected during the wet and dry seasons. Grab groundwater samples were collected from soil borings drilled within and down gradient of the former source area. Grab groundwater sampling locations are shown on **Figure 3**.

Personnel Present: CRA's Staff Tim Dias supervised the installation and sampling of the four borings. All soil boring and sampling activities were overseen by CRA Senior Geologist Ron Scheele, a California Professional Geologist.

Permits: San Mateo County Environmental Health Department issued subsurface drilling permits for both soil boring activities. Copies of the permits are included in Appendix B.

Drilling Company: Woodward Drilling (C57# 916085) of Rio Vista California performed the borehole clearance, drilling and sampling activities.

Drilling Date: Drilling and sampling activities were performed on March 19, 2013 and July 26, 2013.

Utility Clearance: CRA marked out the proposed boring locations with white paint and notified underground service alert (USA) to have the utilities marked out. To avoid damaging any potential subsurface utilities, each boring was drilled using a hand auger.

Drilling and Groundwater Sampling Procedures: Each boring was drilled using a hand auger to approximately 1 to 2 ft below first encountered groundwater. Upon reaching the target boring depth, a new ¾-inch, PVC temporary screen casing was lowered into each boring and a grab groundwater sample was collected using a clean disposable tubing connected to a peristaltic pump. Grab groundwater samples were decanted into the appropriate sampling containers, labeled, placed on ice and transported to the laboratory under chain-of-custody procedures.

Groundwater Depths: Saturated soil was encountered between approximately 6.0 to 8.0 ft bgs.

Groundwater Analyses: Grab groundwater samples were analyzed for TPHd by EPA Method SW8015B (with the Dawn Zemo Separation Method with silica gel cleanup), TPHg by EPA Method 8015Bm, and BTEX/MTBE by EPA Method SW8021B by McCampbell Analytical of Pittsburg, CA, a state-certified laboratory. The laboratory analytical reports are included in Appendix C.

Geotracker: All required data was uploaded to the California State Water Resources Control Board's Geotracker database.

Waste Profiling and Disposal: Soil cuttings and waste water generated during drilling activities were temporarily stored onsite in DOT-approved 55-gallon drums. The waste was sampled and profiled into Potrero Hills Landfill, located in Suisun, California, for disposal. The waste manifest is included in Appendix D.

2.2 GRAB GROUNDWATER SAMPLING RESULTS

During the first groundwater sampling event on March 19, 2013, borings B-49 and B-50 were drilled and sampled. Boring B-49 was drilled in the center of the Site (former source area), and a grab groundwater sample was collected from the backfill material. Boring B-50 was drilled in the northeast edge of the Site, and a grab groundwater sample was collected from the native soil. Hydrocarbons in groundwater were detected in B-49 at the following concentrations: total petroleum hydrocarbon as diesel (TPHd) at 53 micrograms per liter (µg/L), total petroleum hydrocarbon as gasoline (TPHg) at 110 µg/L, and benzene at 19 µg/L and ethylbenzene at 0.64 µg/L. No toluene, xylenes

or MTBE were detected. Hydrocarbons in groundwater were detected in B-50 at the following concentrations: TPHd at 3,800 µg/L, TPHg at 36,000 µg/L, benzene at 590 µg/L, toluene at 2,100 µg/L, ethylbenzene at 670 µg/L, and xylenes at 3,400 µg/L. No MTBE was detected above the elevated laboratory reporting limits.

During the second groundwater sampling event on July 26, 2013, borings B-53 and B-54 were drilled and sampled. Boring B-53 was drilled in the center of the Site (former source area) and a grab groundwater sample was collected from the backfill material. Boring B-54 was also drilled in the northeast edge of the Site and a grab groundwater sample was collected from the native soil. Hydrocarbons in groundwater were detected in B-53 at the following concentrations: TPHd at 62 µg/L, TPHg at 50 µg/L, benzene at 5.5 µg/L and methyl tertiary butyl ether (MTBE) at 11 µg/L. No toluene, ethylbenzene or xylenes were detected. Hydrocarbons in groundwater were detected in B-54 at the following concentrations: TPHd at 4,500 µg/L, TPHg at 51,000 µg/L, benzene at 2,800 µg/L, toluene at 7,700 µg/L, ethylbenzene at 1,300 µg/L, and xylenes at 6,800 µg/L. No MTBE was detected above the elevated laboratory reporting limits.

Note that all grab groundwater samples were turbid and contained greater than 1% by volume of suspended sediments, particularly samples B-50 and B-54 which were collected from the native soils. Consequently, the dissolved-phase TPHg and benzene concentrations in samples collected from borings B-50 and B-54 are likely less than reported. Tabulated results are included on **Table 1** and shown on **Figure 3**.

3.0 CONCEPTUAL SITE MODEL

3.1 SITE BACKGROUND

3.1.1 SITE DESCRIPTION

The Site is located in a commercial/industrial area of South San Francisco at the intersection of Terminal Court and Produce Avenue. The property adjoins the Golden Gate Produce Terminal to the west and south, and the Park 'N' Fly parking lot to the east. The Bayshore Freeway, (California State Highway 101) is located approximately 200 feet (ft) east of the Site. The Site topography is relatively flat and is approximately 6 feet above mean sea level (ft msl).

3.1.2 SITE HISTORY

The property is owned by Golden Gate Produce. In 1982, the property was developed into a commercial cardlock fueling facility and leased to the Olympian Oil Company (Olympian). The facility consisted of two dispenser islands, two diesel underground storage tanks (USTs), and one gasoline UST. Olympian operated the commercial cardlock fueling facility until July 2002 when the facility was subleased leased to Nella Oil Company (Nella). Nella operated the commercial cardlock fueling facility until September 2012, at which point the UST system was removed.

3.2 PREVIOUS INVESTIGATIONS

Below is the chronology of previous site assessment, feasibility testing and remedial activities at the site. Historical soil analytical data are presented in **Table 2** and historical groundwater monitoring and analytical data are presented in **Table 3**.

***October 1998 Trench Sampling*:** During the product piping upgrade activities in October 1998, TEC Accutite (TEC) collected soil samples T-1 through T-3 from the piping trench at approximately 2.5 ft. bgs. TPHg, TPHd, benzene, and MTBE were detected in the soil at maximum concentrations of 7,600 milligrams per kilogram (mg/kg) TPHd; 2,400 mg/kg TPHg; 1 mg/kg benzene; and 9 mg/kg MTBE.

October 1999 Soil and Groundwater Investigation: To assess the subsurface condition, TEC advanced nine onsite soil borings (B-1 through B-9) and collected soil and grab groundwater samples. Maximum soil concentrations were detected at 280 mg/kg TPHd in boring B-2 at 4 ft bgs; 16 mg/kg TPHg in boring B-3 at 4 ft bgs, 0.063 mg/kg benzene in boring B-3 at 4 ft bgs; and 0.84 mg/kg MTBE in boring B-6 at 4 ft bgs. Maximum groundwater concentrations were detected in boring B-3 at 8,800 µg/L TPHd, 21,000 µg/L TPHg, and 1,200 µg/L benzene.

***March 2000 Monitoring Well Installations*:** On March 17, 2000, TEC drilled five soil borings (B-10 through B-14), and installed five monitoring wells (MW-1 to MW-5). Maximum soil concentrations of 780 mg/kg TPHg and 0.79 mg/kg benzene were detected in boring B-11 at 9 ft bgs. Maximum groundwater concentrations were detected in boring B-11 at 69 µg/L TPHd, 16,000 µg/L TPHg, and 850 µg/L benzene. No MTBE was detected above laboratory reporting limits in any of the groundwater samples.

***July 2001 Monitoring Well Installations*:** On July 2, 2001, TEC installed three groundwater monitoring wells (MW-6 through MW-8) to determine the down-gradient extent of the groundwater plume. No petroleum hydrocarbons were detected above laboratory reporting limits in soil. TPHd and MTBE were detected in groundwater at a maximum concentration of 700 µg/L in well MW-8, and 10 µg/L in well MW-6, respectively. No TPHg or benzene was detected in groundwater.

October 2002 Risk Assessment: On October 14, 2002, TEC submitted the *Impact Evaluation of the Subsurface Utilities as Preferential Pathway and Risk Assessment of the Impact of Groundwater Petroleum Hydrocarbons on Indoor Air*. TEC concluded and recommended the following: the benzene groundwater plume is limited onsite, near monitoring well MW-1, and the nearest utility lines on Terminal Court do not appear to impact the plume's path.

February 2003 Feasibility Study: On February 4, 2003, TEC submitted the *Feasibility Study for Groundwater Remediation*. TEC recommended in-situ groundwater bioremediation, specifically oxygen release compound (ORC) injections.

April 2003 Treatability Study Workplan: On April 10, 2003, TEC submitted the *Treatability Study Workplan for Groundwater Remediation* justifying the implementation of ORC injections, which was subsequently approved by SMCHD in a letter dated July 22, 2003.

October 2003 ORC Injections: On October 16, 2003, TEC oversaw the drilling of 16 direct-push soil borings (A through P) by Vironex to be used as ORC injection points. Borings A through E were advanced to 10 ft bgs, and borings F through P were advanced to 8 ft bgs. A 1,600 square foot treatment area consisting of 16 points on 10 foot spacing was used to inject 930 pounds of oxygen releasing compound (ORC) in the vicinity of MW-1. The ORC remedial technique proved ineffective. The event is summarized in TEC's November 10, 2004 *Remedial Action Report*.

July 2005 Site Dual-Phase Extraction (DPE): The Site was subsequently transferred to a new environmental consultant Ecologics. Ecologics performed interim remedial activities consisting of dual-phase extraction (DPE) at the Site. Insufficient documentation is available to evaluate the DPE activities, but Ecologics concluded that DPE remediation was ineffective.

May 2006 Remedial Action Workplan: On May 1, 2006, Ecologics submitted a workplan which proposed excavating the impacted soil in the vicinity of well MW-1.

August 2006 Consultant Change: In August 2006, Cambria Environmental Technology, Inc. (Cambria) was retained as the environmental consultant for the Site. Cambria was subsequently acquired by CRA in 2007.

September 2007 Site Assessment: In September 2007, CRA supervised the soil gas sampling from three locations and a grab groundwater sampling from soil boring B-15. Due to elevated hydrocarbon concentrations, CRA recommended that a feasibility study be conducted to determine the most cost effective way to remediate the hydrocarbons remaining at the Site. Details are documented in CRA's *Site Assessment Report* dated May 30, 2008.

May 2010 Site Assessment: In May 2010, CRA supervised the drilling of 10 soil borings (B-16 through B-25) to delineate the extent of hydrocarbons around the fuel system. Results indicated that elevated hydrocarbon concentrations were present in soil primarily northwest of the northern most dispenser island. Elevated hydrocarbon concentrations (gasoline and diesel) were detected primarily between 2.5 and 5.0 ft bgs, and correlated with the fluctuations of the shallow groundwater table. The report concluded that additional investigation was needed to delineate the extent of the secondary source of hydrocarbons. Details are documented in CRA's *Site Assessment Report* dated May 27, 2010.

May 2012 Subsurface Investigation: In May 2012, CRA supervised the drilling of 23 soil borings (B-26 through B-48) to further delineate the horizontal and vertical extent of onsite hydrocarbon-impacted soil to facilitate planning of a proposed remedial soil excavation. Details are documented in CRA's *Subsurface Investigation and Remedial Action Plan* dated July 25, 2012.

August 2012 Well Destruction: In August 2012, CRA oversaw the destruction of seven groundwater monitoring wells (MW-1, MW-2, MW-3, MW-5, MW-6, MW-7 and MW-8). Details of the well destruction activities are documented in CRA's *Remedial Action Completion Report* dated February 4, 2013.

September 2012 Fuel System Removal: In October 2012, Nella removed their fueling system at the Site. One gasoline and two diesel USTs, associated piping and dispensers were removed and disposed of. The UST pits and pipe trenches were backfilled with clean imported fill and asphalt surface restored. Details of the removal activities are documented in Blue Rock Environmental Inc.'s report titled *UST System Removal Sampling Report* dated October 23, 2012.

December 2012 Remedial Soil Excavation: In December 2012, CRA oversaw the over-excavation of 789 cubic yards of hydrocarbon-impacted soil from the Site. An area of approximately 3,209 square feet was excavated to depths ranging from 6 to 10 ft bgs (see **Figure 4**). The excavation was backfilled with clean imported fill and asphalt surface restored. Details of the removal activities are documented in CRA's *Remedial Action Completion Report* dated February 4, 2013.

Quarterly Monitoring: Quarterly groundwater monitoring and sampling of seven wells (MW-1 through MW-3, MW-5 through MW-8) was performed at the Site from April 2000 through March 2012, prior to their destruction. Details of all historical groundwater monitoring and sampling are presented in CRA's *Groundwater Monitoring Report-Annual 2012*, dated April 5, 2012.

3.3 SOURCE OF CONTAMINATION

The chemicals of concern (COC) currently identified at the Site include TPHd, TPHg, BTEX, and MTBE in both soil and groundwater. The petroleum hydrocarbons resulted from a gasoline release from former USTs. The volume and timing of the petroleum hydrocarbon release is unknown although evidence of a recent release was observed during removal of the fuel lines in October 2012.

3.4 SITE CHARACTERIZATION

3.4.1 GEOLOGY

The Site is located in the Coast Range Geomorphic Province of California. According to the geologic map by Jennings and Burnett from 1961, the general vicinity is underlain by unconsolidated artificial fill primarily consisting of clayey fine sand, silt, clay, rock fragments, and organic material underlain by Quaternary alluvium and dune deposits. Bedrock in the area is primarily Mesozoic ultrabasic rocks, including serpentine.

The soil beneath the Site generally consists of sandy gravel fill to 3.0 feet below ground surface (ft bgs), interbedded clayey sand, sand and silty clay to approximately 9.0 ft bgs, underlain by dark grey, low estimated permeability, silty clay ("Bay Muds") to a total explored depth of 18 ft bgs.

3.4.2 HYDROGEOLOGY

According to the Department of Water Resources, Bulletin 118 from 2004, the Site is located within the South San Francisco Groundwater Basin. Shallow groundwater in the vicinity is considered of poor quality (high total dissolved solids) and of limited yield. Total dissolved solids were measured at 19,524 parts per million in a groundwater sample collected from MW-3 on July 13, 2001. Shallow groundwater beneath the Site typically ranges between 1 to 5 ft bgs. The groundwater flow direction is consistently towards the east northeast, with a typical gradient of approximately 0.02 ft per foot.

3.4.3 HYDROCARBON DISTRIBUTION IN SOIL

Historically, the highest hydrocarbon concentrations in soil have been detected between and northwest of the former dispenser islands and within the top 5 ft of soil. In 2012, a remedial soil excavation of this source area removed a majority of the hydrocarbon mass beneath the site. Little to no hydrocarbons were detected in the four confirmation soil samples collected along the west and north edges of the excavation (see **Figure 4**).

3.4.4 HYDROCARBON DISTRIBUTION IN GROUNDWATER

Historically, the highest hydrocarbon concentrations in groundwater have been detected in a source area located northwest of the former dispenser islands; the maximum benzene concentration was detected at 6,800 µg/L in boring B-18. In 2012, a remedial soil excavation of this source area removed a majority of the hydrocarbon mass that was leaching into shallow groundwater. In 2013, post-remediation groundwater sampling in the former source area (borings B-49 and B-53) showed a maximum benzene concentration of 19 µg/L. Post-remediation groundwater sampling downgradient of the former source area (borings B-50 and B-54) showed a maximum benzene concentration of 2,800 µg/L. As discussed above in Section 2.0, dissolved-phase benzene concentrations detected down gradient of the former source area were affected by a high amount of the suspended sediments in the grab groundwater sample, and therefore are likely less than reported.

3.5 REMEDIATION STATUS

In October 2003, a 1,600 square foot treatment area in the vicinity of MW-1 was injected with 930 pounds of ORC.

In September 2012, approximately 70 cubic yards of hydrocarbon-impacted soil was excavated during removal of the former UST system. The UST pits and pipe trenches were backfilled with clean imported fill.

In December 2012, approximately 789 cubic yards of hydrocarbon-impacted soil were excavated during a remedial soil excavation. The remedial excavation encompassed an area of approximately 3,209 square feet with depths ranging from 6 to 10 ft bgs (see **Figure 4**). The excavation was backfilled with clean imported fill and asphalt surface restored.

3.6 WELL AND SENSITIVE RECEPTOR SURVEY

3.6.1 DESIGNATED BENEFICIAL GROUNDWATER USE

The Site is located within the Westside D Groundwater Basin. The Regional Water Quality Control Board designates groundwater in the Westside D Groundwater Basin as beneficial for municipal and industrial and process uses and potentially beneficial for agricultural uses. However, as discussed above in Section 3.4.2, TDS concentrations in shallow groundwater beneath the site exceed the Basin Plan limit above which groundwater cannot be reasonably expected to supply a public water system. Based on this, groundwater beneath the site is inappropriate for drinking water use.

3.6.2 WELL AND SURFACE WATER SURVEY RESULTS

No water supply wells or surface water bodies exist within 1,000 ft radius of the Site. The nearest surface water is concrete-lined Colma Creek located approximately 0.25 miles northeast of the Site. The San Francisco Bay is approximately 1 mile east of the Site.

3.6.3 PERFERENTIAL FLOW PATHWAYS

In March 2007, two borings (B-12 and B-13) drilled next to the offsite water line confirmed that the water line trench was not acting as a preferential pathway for hydrocarbon migration. In September 2007, a boring (B-15) drilled next to the onsite storm sewer confirmed that the storm sewer trench was not acting as a preferential pathway for hydrocarbon migration. In May 2010, grab groundwater sampling from

additional borings (B-16 through B-25) confirmed that the hydrocarbon plume was primarily onsite and subsurface utilities did not appear to be acting preferential pathways.

3.6.4 LIKELIHOOD OF IMPACT TO WELLS

No water supply wells were identified within a 1,000 ft radius of the Site, therefore there is no likelihood of there being an impact to water supply wells.

3.6.5 LIKELIHOOD OF IMPACT TO SURFACE WATER

No surface water receptors were identified within a quarter mile radius of the Site, there is no likelihood of there being any impact to surface water.

3.7 RISK ASSESSMENT

3.7.1 CONCEPTUAL SITE EXPOSURE MODEL

This Site consists of a paved vacant lot. The fueling facility has been removed and source areas excavated. Residual levels of gasoline- and diesel-range hydrocarbons remain in shallow soil and groundwater beneath the Site.

3.7.2 EXPOSURE PATHWAYS - ONSITE HUMAN RECEPTORS

No complete exposure pathways were identified at the Site. The Site is paved therefore there is not a complete exposure pathway for contact with surficial soil. There are no nearby drinking water wells and therefore the ingestion of impacted groundwater is not likely. There are no buildings onsite and the entire Site is paved therefore inhalation of hydrocarbon vapors in indoor or outdoor air is not a complete exposure pathway. As a result, the residual hydrocarbons pose little threat to human receptors.

3.7.3 EXPOSURE PATHWAYS - OFFSITE HUMAN RECEPTORS

The Site is located in a developed commercial/industrial area and is bounded to the north by Terminal Court, to the west, southwest, and south by Golden Gate Produce's Administrative building, locking docking and associated parking areas, and to the east

by a long term airport parking lot. No hospitals, schools, child daycare centers, or residential senior care centers within a 1,000 ft radius of the Site (Google, 2013). As a result, there does not appear to be any potential exposure to the offsite sensitive receptors.

3.7.4 IDENTIFIED HUMAN EXCEEDANCES

Based on the lack of complete onsite exposure pathways and lack of offsite sensitive receptors, no human exceedances were identified.

3.7.5 IDENTIFIED ECOLOGICAL EXCEEDANCES

Based on the low likelihood of there being any impact to surface water, an ecological risk assessment has not been performed and therefore no ecological exceedances have been identified.

4.0 LOW-THREAT UST CASE CLOSURE EVALUATION

The Site conditions were evaluated against the general criteria and media-specific criteria of the Low-Threat UST Case Closure Policy (LTCP). A written evaluation of each criteria is provided below and a completed LTCP Checklist is provided in Appendix E.

4.1 GENERAL CRITERIA REQUIREMENTS

The Site meets all of LTCP's eight general criteria. Provided below is a brief synopsis of how the listed general criteria requirements of the LTCP have been satisfied at the Site.

a. *The unauthorized release is located within the service area of a public water system;* **Satisfied**: The Site and surrounding properties are within a public water system service area provided by the California Water Service Company of San Jose California.

b. *The unauthorized release consists only of petroleum;*

   Satisfied: The Site's unauthorized release was identified as a gasoline and diesel fuel release related to the cardlock fueling facility.

c. *The unauthorized ("primary") release from the UST system has been stopped*;

Satisfied: The primary release was related to a release the former UST system which was removed from the Site in 2012. As a result, the Site's unauthorized primary release has been stopped.

d. *Free product has been removed to the maximum extent practicable*;

Satisfied: SPH has never been observed at the Site and a remedial excavation encompassing a large portion of the Site has removed the hydrocarbon-impacted soil.

e. *A conceptual site model has been developed*;

Satisfied: A conceptual site model has been completed by CRA and is summarized above in Section 3.0.

f. *Secondary source removal has been addressed*,

Satisfied: A remedial excavation has removed the hydrocarbon-impacted soil associated with the secondary source area.

g. *Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code section 25296.15.*

Satisfied: Soil and groundwater have been tested for MTBE and the results uploaded to Geotracker. MTBE in groundwater was most recently analyzed on July 26, 2013 where a maximum MTBE concentration of 11 µg/L was detected in B-53.

h. *A "nuisance" as defined by Water Code section 13050 does not exist at the site.*

Satisfied: Water Code section 13050 defines "nuisance" as anything which meets **all** of the following requirements:

(1) Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with comfortable enjoyment of the property

(2) Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal; and

(3) Occurs during, or as result of, the treatment or disposal of wastes.

Based on the existing Site conditions and the previous environmental site assessment work performed at the Site, (which is summarized in the conceptual site model of this report), a nuisance meeting the three criteria listed above does not exist at the Site

4.2 MEDIA-SPECIFIC CRITERIA REQUIRMENTS

Provided below is a brief synopsis of how the media-specific criteria requirements of the LTCP have been satisfied at the Site.

4.2.1 GROUNDWATER-SPECIFIC CRITERIA

It is a fundamental tenet of the LTCP that if the closure criteria described in the policy are satisfied at a release site, WQOs will be attained through natural attenuation within a reasonable amount of time, prior to the need for use of any affected groundwater. If a site has groundwater with a designated beneficial use which is affected by an unauthorized release, to satisfy the media specific criteria for groundwater stated in the LTCP, the contaminant plume that exceeds WQOs must be stable or decreasing in areal extent and meet all of the additional characteristics of one of the five classes of sites listed in the draft policy. The Site falls into the LTCP's groundwater-specific criteria Class 2. The rationale for meeting the three requirements of Class 2 is provided below:

(2a) *The contaminant plume that exceeds water quality objectives is less than 250 feet in length.*
Satisfied: Prior to the remedial excavation in 2012,TPHd, TPHg, benzene and MTBE plumes were shown to be primarily onsite and extending less than 250 ft in length. (See CRA's *Site Assessment Report* dated May 27, 2010). The plumes were delineated in all directions and defined downgradient of the source area by monitoring well MW-8 and grab groundwater samples from borings B-12, B-13, B-14, and B-15. Historically, stable to decreasing benzene concentrations have been detected in only two onsite wells (MW-1 and MW-2). The area around wells MW-1 and MW-2 was over-excavated in 2012.

(2b) *There is no free product.*
Satisfied: No SPH has been observed in any of the Site wells. Thus, the requirement that there is no free product has been satisfied.

(2c) *The nearest existing water supply well or surface water body is greater than 1,000ft from the defined plume boundary.*
Satisfied: No water supply wells or surface water bodies have been identified within a 1,000 ft radius of the Site. The nearest surface water is concrete-lined Colma Creek located approximately 0.25 miles (1,320 ft) northeast of the Site.

4.2.2 PETROLEUM VAPOR INTRUSION TO INDOOR AIR

The Site is vacant with no onsite facilities or buildings, so there is no indoor inhalation health risk. In addition, a large portion of the Site was over excavated so there is little risk of vapor intrusion to any potential Site redevelopment.

4.2.3 DIRECT CONTACT AND OUTDOOR AIR EXPOSURE

The Site is vacant and paved so there is no likelihood of direct contact to soil or outdoor air exposure from soil. Hydrocarbon concentrations in excavation confirmation samples collected from shallow soil (6 to10 ft bgs) were below the criteria presented in Table 1 of the LTCP.

The highest benzene concentration in shallow soil was detected at 0.016 mg/kg in confirmation sample EX3-10 at 10 ft bgs. Benzene is below both the commercial/industrial and residential thresholds outlined in Table 1 of the LTCP.

The highest ethylbenzene concentration in shallow soil was detected at 0.047 mg/kg in confirmation soil sample EX2-6 at 6 ft bgs. Ethylbenzene is below both the commercial/industrial and residential thresholds outlined in Table 1 of the LTCP.

The highest naphthalene concentration in shallow soil was detected at 0.040 mg/kg in confirmation sample EX2-6 at 6 ft bgs. Naphthalene is below both the commercial/industrial and residential thresholds outlined in Table 1 of the LTCP.

Based on the low levels of benzene, ethylbenzene and naphthalene, the Site meets the low-threat media-specific criteria related to direct contact and outdoor air exposure as they relate to the residual hydrocarbons in shallow soils underlying the Site.

5.0 RECOMMENDATIONS

Based on our review, Site conditions meet the general and media-specific criteria established in the LTCP, and therefore pose a low threat to human health, safety, and the environment, as well as satisfy the case closure requirements of Health and Safety Code section 25296.10 and Resolution 92-49 that requires that cleanup goals be met within a reasonable time frame. Therefore, on behalf of Olympian JV, CRA respectfully requests environmental case closure.

FIGURES

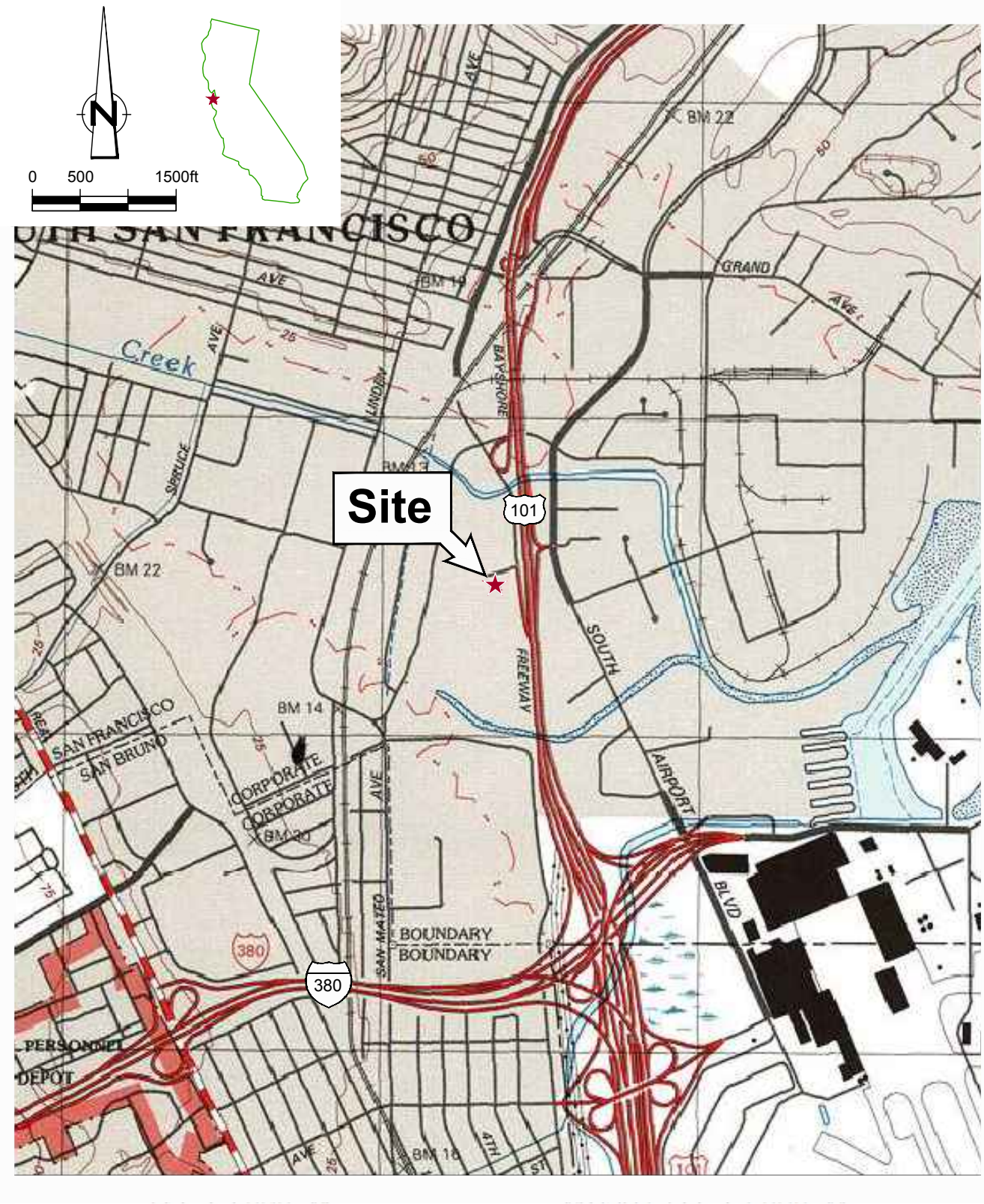
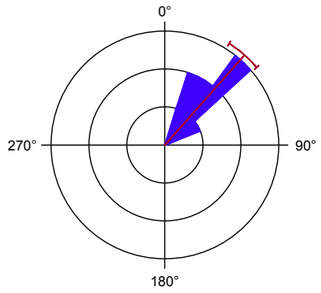


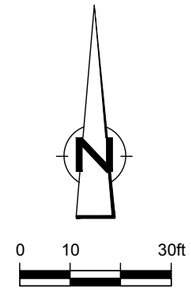
Figure 1

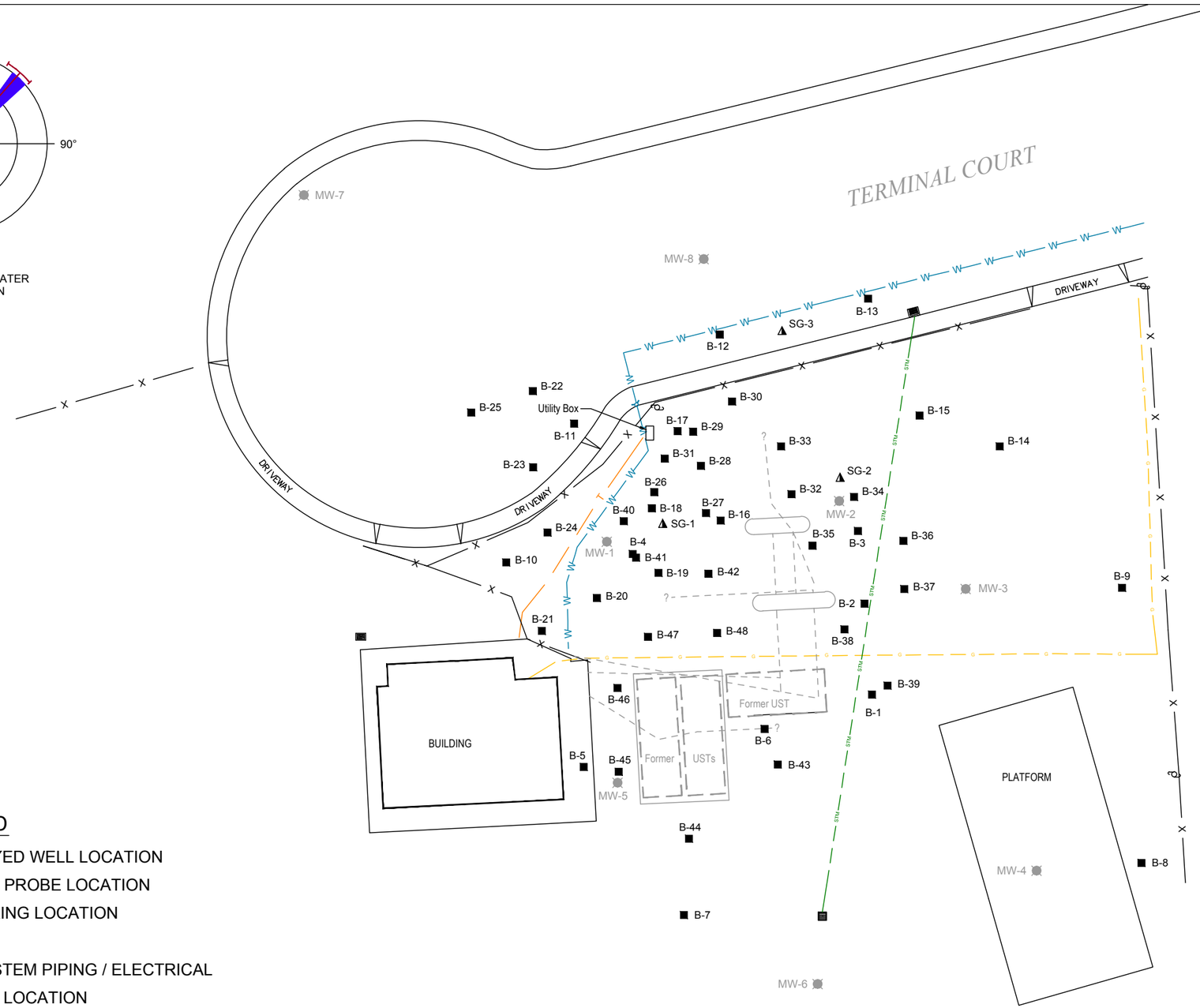
VICINITY MAP
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM001 JAN 18/2013



HISTORIC GROUNDWATER
FLOW DIRECTION





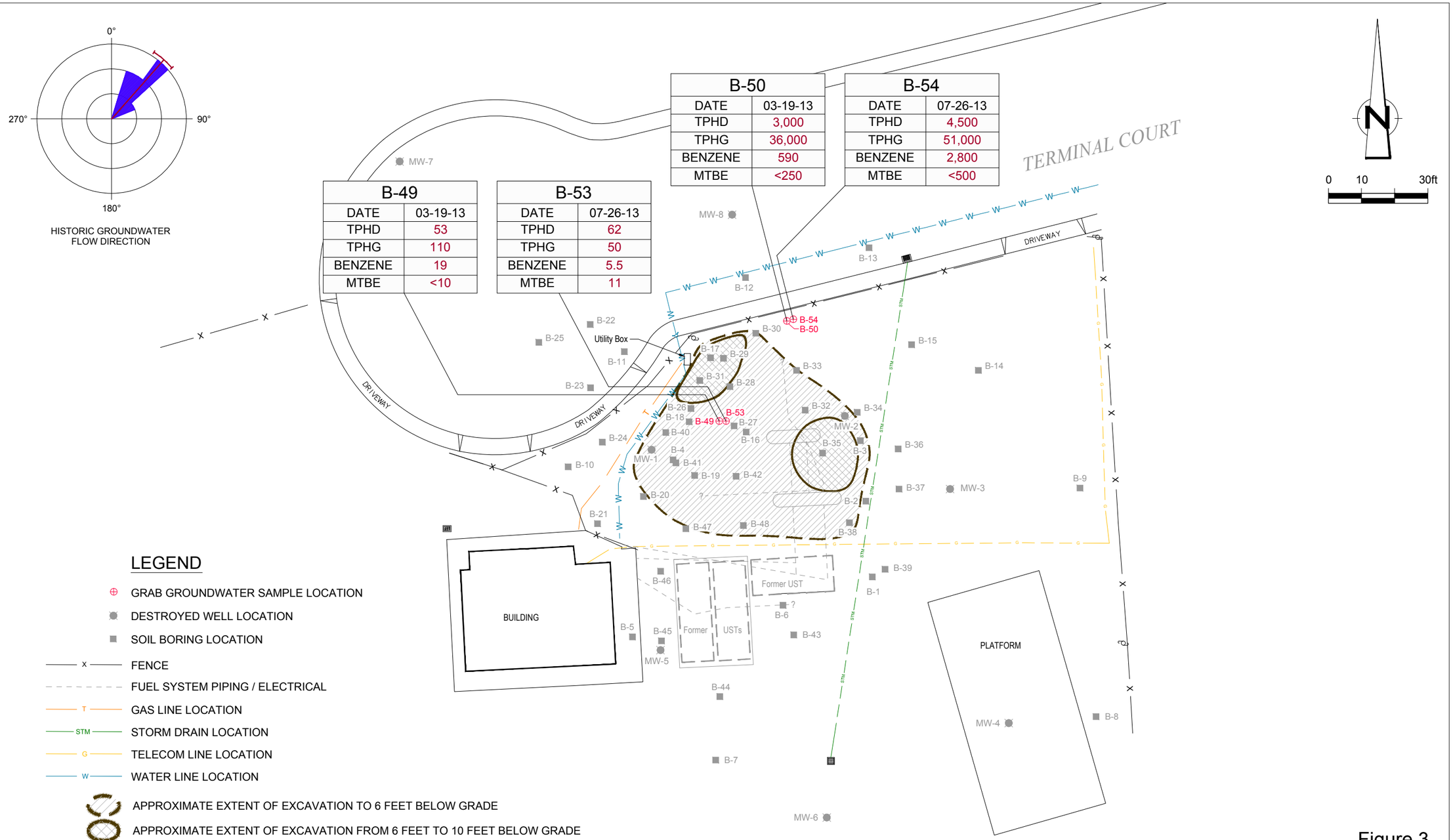
LEGEND

- DESTROYED WELL LOCATION
- SOIL GAS PROBE LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 2

SITE PLAN
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM002 JAN 18/2013



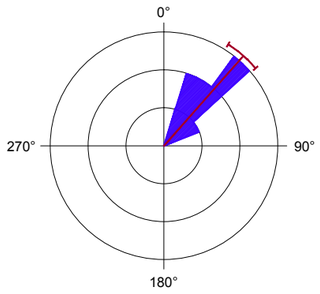
LEGEND

- GRAB GROUNDWATER SAMPLE LOCATION
- DESTROYED WELL LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION
- APPROXIMATE EXTENT OF EXCAVATION TO 6 FEET BELOW GRADE
- APPROXIMATE EXTENT OF EXCAVATION FROM 6 FEET TO 10 FEET BELOW GRADE

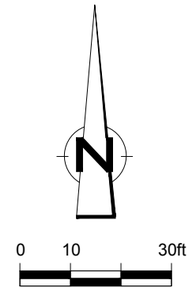
ID	SOIL BORING DESIGNATION
DATE	DATE OF SAMPLE
TPHD	TPHD CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
TPHG	TPHG CONCENTRATION IN GROUNDWATER
BENZENE	BENZENE CONCENTRATION IN GROUNDWATER
MTBE	MTBE CONCENTRATION IN GROUNDWATER

Figure 3

GRAB GROUNDWATER SAMPLING RESULTS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March and July 2013



HISTORIC GROUNDWATER FLOW DIRECTION



EX-3-10	
DEPTH	10.0'
BENZENE	0.016
E-BENZ	<0.005
NAPH	<0.005

EX-4-10	
DEPTH	10.0'
BENZENE	<0.005
E-BENZ	<0.005
NAPH	<0.005

EX-2-6	
DEPTH	6.0'
BENZENE	0.0054
E-BENZ	0.047
NAPH	0.040

EX-1-6	
DEPTH	6.0'
BENZENE	<0.005
E-BENZ	<0.005
NAPH	<0.005

TERMINAL COURT

TERMINAL COURT

DRIVEWAY

DRIVEWAY

Utility Box

Former UST

Former USTs

BUILDING

PLATFORM

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21 B-22 B-23 B-24 B-25 B-26 B-27 B-28 B-29 B-30 B-31 B-32 B-33 B-34 B-35 B-36 B-37 B-38 B-39 B-40 B-41 B-42 B-43 B-44 B-45 B-46 B-47 B-48

LEGEND

- SOIL SAMPLE LOCATION
- DESTROYED WELL LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION
- APPROXIMATE EXTENT OF EXCAVATION TO 6 FEET BELOW GRADE
- APPROXIMATE EXTENT OF EXCAVATION FROM 6 FEET TO 10 FEET BELOW GRADE

ID	SOIL BORING DESIGNATION
DEPTH	DEPTH OF SAMPLE
BENZENE	BENZENE CONCENTRATION IN SOIL IN MILLIGRAMS PER KILOGRAM (mg/kg)
E-BENZ	ETHYLBENZENE CONCENTRATION IN SOIL
NAPH	NAPHTHALENE CONCENTRATION IN SOIL

Figure 4

CONFIRMATION SOIL SAMPLING RESULTS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
December 2012

TABLES

TABLE 1

POST-REMEDIATION GRAB GROUNDWATER ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	*Date Sampled*	*DTW (ft bgs)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*
			←			*ug/L*			→
Grab Groundwater Samples									
B-49	3/19/2003	6.75	53	110	19	<0.5	0.64	<0.5	<10
B-50	3/19/2003	6.00	3,800	36,000	590	2,100	670	3,400	<250
B-53	7/26/2013	8.00	62	50	5.5	<0.5	<0.5	<0.5	11
B-54	7/26/2013	7.00	4,500	51,000	2,800	7,700	1,300	6,800	<500

Notes:

DTW = Depth to Water
ft bgs = Feet below grade ground surface
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 with the Dawn Zemo Extraction Method and silica-gel clean up
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015m
Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8021
MTBE = Methyl-tert-butyl ether analyzed by EPA Method 8021
<X = Concentration less than laboratory reporting limits

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	*Date Sampled*	*Depth (ft bgs)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*	*Napthalene*
			←			*mg/kg*				→
Product Line Trench Samples										
T-1	10/1998	2.5	7,600	2,400	0.68	<0.125	<0.125	2	9.0	--
T-2	10/1998	2.5	1,700	100	<0.005	<0.005	<0.005	0.36	0.2	--
T-3	10/1998	2.5	250	880	1.0	3.0	12	71	1.0	--
Monitoring Well Samples										
MW-1	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-2	3/23/2000	4.5	<1.0	3.0	0.43	0.40	0.095	0.51	<0.005	--
MW-3	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-4	3/23/2000	4.5	9.6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-5	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-6	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-7	7/2/2001	4.0	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-8	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
Soil Boring Samples										
B-1	10/12/1999	4	<1.0	<0.5	0.006	<0.005	<0.005	<0.010	0.18	--
B-2	10/12/1999	4	280	6.1	0.015	<0.005	0.085	0.29	0.009	--
B-3	10/12/1999	4	15 [a]	16	0.063	0.069	0.40	1.8	0.021	--
B-4	10/12/1999	4	1.0 [a]	1.6	<0.005	<0.005	0.013	0.049	<0.005	--
B-5	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	0.015	0.011	--
B-6	10/12/1999	4	<1.0	<0.5	0.023	0.010	0.007	0.026	0.84 b	--
B-7	10/12/1999	4	<1.0	<0.5	0.008	0.008	<0.005	0.011	<0.005	--
B-8	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005	--
B-9	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005	--
B-10	3/17/2000	4.5	<1.0	0.79	<0.005	0.012	0.009	0.056	<0.005	--
B-10	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.022	<0.005	--
B-11	3/17/2000	4.5	<1.0	0.67	0.085	0.037	0.019	0.046	<0.005	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			←			mg/kg				→
B-11	3/17/2000	9	270	780	0.79	19	12	65	<0.005	--
B-12	3/17/2000	4.5	<1.0	1.5	<0.005	0.017	0.012	0.055	0.071	--
B-12	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.016	<0.005	--
B-13	3/17/2000	3.5	<1.0	0.78	<0.005	<0.005	<0.005	0.02	<0.005	--
B-13	3/17/2000	7.5	<1.0	0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
B-14	3/17/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
B-14	3/17/2000	9.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
B-16-2.5	3/29/2010	2.5	48	100	0.29	0.15	0.96	3.2	<1.0	--
B-16-5.0	3/29/2010	5.0	130	270	1.1	0.14	5.8	15	<1.0	--
B-17-2.5	3/29/2010	2.5	<1.0	<1.0	0.0054	<0.005	0.016	0.022	<0.05	--
B-17-5.0	3/29/2010	5.0	66	190	0.84	1.2	3.8	5.5	<0.50	--
B-17-7.5	3/29/2010	7.5	<1.0	4.2	0.041	0.061	0.087	0.17	<0.05	--
B-18-2.5	3/29/2010	2.5	2,800	3,900	13	1.4	50	170	<5.0	--
B-18-5.0	3/29/2010	5.0	38	300	4.7	10	3.7	15	<2.5	--
B-18-7.5	3/29/2010	7.5	1.8	5.9	0.038	0.011	0.066	0.21	<0.05	--
B-19-2.5	3/29/2010	2.5	4.8	7.1	<0.005	<0.005	<0.005	0.0077	<0.05	--
B-19-5.0	3/29/2010	5.0	7.6	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-20-2.5	3/29/2010	2.5	4.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-20-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-21-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-21-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-22-2.5	3/29/2010	2.5	2.7	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-22-5.0	3/29/2010	5.0	2.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-23-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-23-7.5	3/29/2010	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-24-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-24-5.0	3/29/2010	5.0	5.0	1.4	0.0056	<0.005	<0.005	0.0056	<0.05	--
B-25-2.5	3/29/2010	2.5	24	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			← mg/kg →							
B-25-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-26-2.5	5/7/2012	2.5	1,100 g,h	1,600 c,d	3.4	1.1	20	63	<5.0	--
B-26-5.0	5/7/2012	5.0	1,400 g,h	5000 e	56	220	80	410	<25	--
B-26-7.5	5/7/2012	7.5	1.4 i	<1.0	0.097	0.031	0.010	0.049	<0.05	--
B-26-10	5/7/2012	10.0	<1.0	1.4 e	0.14	0.032	0.012	0.054	<0.05	--
B-27-2.5	5/7/2012	2.5	110 g,h	110 e,f	0.48	0.10	1.2	0.51	<0.17	--
B-27-5.0	5/7/2012	5.0	8.3 g,h	17 e,f	0.16	0.076	0.27	0.51	<0.05	--
B-27-7.5	5/7/2012	7.5	<1.0	<1.0	0.0065	<0.005	0.0055	105	<0.05	--
B-27-10	5/7/2012	10.0	<1.0	2.7 e	0.34	0.012	0.11	0.068	<0.05	--
B-27-13	5/7/2012	13.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-28-2.5	5/7/2012	2.5	27 g,h	30 e	0.80	0.038	1.3	1.1	<0.10	--
B-28-5.0	5/7/2012	5.0	300 g,h	180 c,d	0.38	2.6	1.9	11	<1.0	--
B-28-7.5	5/7/2012	7.5	5.9 g, i	18 e	0.15	0.33	0.19	0.99	<0.10	--
B-28-10	5/7/2012	10.0	<1.0	2.2 e	0.26	0.074	0.025	0.12	<0.05	--
B-29-2.5	5/7/2012	2.5	51 g, i, j	45 e	5.5	0.27	1.4	2.7	<1.0	--
B-29-5.5	5/7/2012	5.5	39 g, j, i	250 e	1.4	6.8	3.0	16	<1.0	--
B-30-2.5	5/7/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-30-5.0	5/7/2012	5.0	27 g, i	45 c	0.18	0.76	0.89	3.5	<0.50	--
B-30-7.5	5/7/2012	7.5	58 k, i	85 c, d	0.18	0.83	0.48	1.8	<1.0	--
B-30-10	5/7/2012	10.0	6.5 g	32 c	0.14	1.5	0.7	4.0	<0.50	--
B-30-12.5	5/7/2012	12.5	<1.0	5.9 e	0.038	0.23	0.096	0.52	<0.05	--
B31-2.5	5/8/2012	2.5	97 g, h	53 e	0.54	0.11	2.4	2.9	<1.0	--
B31-5.0	5/8/2012	5.0	1.9 g, i	3.5 e	0.34	0.077	0.12	0.66	<0.05	--
B31-7.5	5/8/2012	7.5	870 g, i	1,500 c	4.5	<1.7	29	160	<17	--
B31-10	5/8/2012	10.0	2.0 i	<1.0	0.11	0.030	0.010	0.049	<0.05	--
B32-2.5	5/8/2012	2.5	18 h	4.8 e	0.071	0.0060	0.077	0.15	<0.05	--
B32-5.0	5/8/2012	5.0	120 g, h	100 e	1.7	5.1	1.4	6.3	<1.0	--
B32-7.5	5/8/2012	7.5	4.1 g, i	4.4 e	0.036	0.035	0.020	0.12	<0.05	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			← mg/kg →							
B32-10	5/8/2012	10.0	<1.0	3.5 e	0.094	0.18	0.069	0.35	<0.05	--
B33-2.5	5/8/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B33-5.0	5/8/2012	5.0	28 g, i	18 e	0.29	1.1	0.38	2.0	<0.17	--
B33-7.5	5/8/2012	7.5	2.6 i	1.8 e	0.36	0.052	0.016	0.099	<0.05	--
B33-10	5/8/2012	10.0	<1.0	<1.0	0.022	0.030	0.010	0.057	<0.05	--
B34-2.5	5/8/2012	2.5	<1.0	<1.0	0.020	<0.005	0.022	0.019	<0.05	--
B34-5.0	5/8/2012	5.0	13 j, i	13 e	0.66	0.48	0.38	1.6	<0.05	--
B34-7.5	5/8/2012	7.5	1.2 i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B34-10	5/8/2012	10.0	<1.0	<1.0	0.021	<0.005	<0.005	0.015	<0.05	--
B35-2.5	5/8/2012	2.5	1,700 g, h	1,700 e	6.3	3.2	22	80	<5.0	--
B35-5.0	5/8/2012	5.0	130 j, i	11 e	0.81	1.1	0.28	0.99	0.086	--
B35-7.5	5/8/2012	7.5	330 j, i	1.5 e	0.26	0.010	0.012	0.044	<0.05	--
B35-10	5/8/2012	10.0	<1.0	<1.0	0.14	<0.005	<0.005	0.011	<0.05	--
B36-2.5	5/8/2012	2.5	8.7 h	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B36-5.0	5/8/2012	5.0	4.8 j, i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B36-7.5	5/8/2012	7.5	14 j, i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B36-10	5/8/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	0.0090	<0.05	--
B37-2.5	5/9/2012	2.5	1.9 i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B37-5.0	5/9/2012	5.0	3.2 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B37-7.5	5/9/2012	7.5	5.7 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B37-10	5/9/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B38-2.5	5/9/2012	2.5	360 h	14 d, f	<0.005	0.018	<0.005	0.024	<0.05	--
B38-5.0	5/9/2012	5.0	2.8 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	0.14	--
B38-7.5	5/9/2012	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B38-10	5/9/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.093	--
B39-2.5	5/9/2012	2.5	2.2 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B39-5.0	5/9/2012	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B39-6.0	5/9/2012	6.0	18 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			← mg/kg →							
B40-2.5	5/9/2012	2.5	46 [i, j]	73 [c]	0.17	0.19	0.62	2.9	<1.0	--
B40-5.0	5/9/2012	5.0	95 [g, h]	340 [c, d]	0.45	11	6.3	33	<1.0	--
B40-7.5	5/9/2012	7.5	3.8 [g, i]	8.4 [e]	0.050	0.076	0.064	0.39	<0.05	--
B40-10	5/9/2012	10.0	5.5 [g]	10 [e]	0.10	0.28	0.18	0.96	<0.05	--
B41-2.5	5/9/2012	2.5	27 [g, i]	6.1 [e]	0.048	0.0074	0.060	0.20	<0.05	--
B41-5.0	5/9/2012	5.0	3.7 [g, i, j]	2.3 [e]	0.096	0.0089	0.012	0.033	<0.05	--
B41-7.5	5/9/2012	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B41-10	5/9/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B42-2.5	5/9/2012	2.5	1,100 [g, h]	490 [e, f]	1.4	0.74	13	4.0	<1.0	--
B42-5.0	5/9/2012	5.0	58 [g, h]	120 [d, f]	0.14	0.076	2.0	1.9	<0.25	--
B42-7.5	5/9/2012	7.5	2.4 [g, i]	12 [e]	0.060	0.018	0.20	0.19	<0.05	--
B42-10	5/9/2012	10.0	<1.0	1.1 [e]	0.014	<0.005	0.025	0.023	<0.05	--
B43-2.5	5/10/2012	2.5	2.6 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B43-5.0	5/10/2012	5.0	1.7 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B43-7.5	5/10/2012	7.5	<1.0	<1.0	0.0052	<0.005	<0.005	0.014	<0.05	--
B43-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.23	--
B43-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.063	--
B44-2.5	5/10/2012	2.5	2.5 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B44-5.0	5/10/2012	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B44-7.5	5/10/2012	7.5	3.7 [h]	2.0 [e]	0.029	0.013	0.024	0.17	<0.05	--
B44-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B44-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-2.5	5/10/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-5.0	5/10/2012	5.0	1.3 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-7.5	5/10/2012	7.5	2.1 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B46-2.5	5/10/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			← mg/kg →							
B46-5.0	5/10/2012	5.0	1.7 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B46-7.5	5/10/2012	7.5	3.9 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B46-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B46-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B47-2.5	5/10/2012	2.5	1.7 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B47-5.0	5/10/2012	5.0	<1.0	<1.0	0.16	0.010	<0.005	<0.005	<0.05	--
B47-7.5	5/10/2012	7.5	3.8 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B47-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B48-2.5	5/10/2012	2.5	380 [g, h]	170 [d, f]	<0.10	0.94	0.24	0.68	<1.0	--
B48-5.0	5/10/2012	5.0	4.1 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B48-7.5	5/10/2012	7.5	1.1 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B48-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
Excavation Confirmation Soil Samples										
EX1-6	12/10/2012	6	<1.0	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
EX2-6	12/10/2012	6	2.3[a]	7.3	0.0054	0.0073	0.047	0.23	<0.005	0.040
EX3-10	12/13/2012	10	<1.0	<0.25	0.016	<0.005	<0.005	<0.005	<0.005	<0.005
EX4-10	12/13/2012	10	<1.0	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Notes:
all soil data prior to 2010 obtained by previous consultant
ft bgs = Feet below grade ground surface
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015
Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8020 or 8021
MTBE = Methyl-tert-butyl ether analyzed by EPA Method 8020 or 8021
<X = Concentration less than laboratory reporting limits
a = Hydrocarbon response in the diesel range but does not resemble diesel

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	*Date Sampled*	*Depth (ft bgs)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*	*Napthalene*
			←			*mg/kg*	→			

b = MTBE confirmed by EPA Method 8260
c = heavier gasoline range compounds are significant (aged gasoline?)
d = no recognizable pattern
e = weakly modified or unmodified gasoline is significant
f = strongly aged gasoline or diesel range compounds are significant in the TPHg chromatogram
g = gasoline range compounds are significant
h = unmodified or weakly modified diesel is significant
i = diesel range compounds are significant; no recognizable pattern
j = oil range compounds are significant
k = kerosene/kerosene range /jet fuel range

TABLE 3

POST-REMEDIATION GRAB GROUNDWATER ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	DTW (ft bgs)	TPHd		TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
							µg/L			
Grab Groundwater Samples										
B-49[a]	10/12/1999	6.5	53	#	110	19	<0.5	0.64	<0.5	<10
B-50[a]	10/12/1999	6.0	3,800	#	36,000	590	2,100	670	3,400	<250
B-53[a]	10/12/1999	8.0	62	#	50	5.5	<0.5	<0.5	<0.5	11
B-54[a]	10/12/1999	7.0	4,500	#	51,000	2,800	7,700	1,300	6,800	<500

Notes:

DTW = Depth to Groundwater
ft bgs = Feet below ground surface
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 with the Dawn Zemo Extraction Method and silica-gel clean up
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015m
µg/L = Micrograms per liter
<X = Concentration less than laboratory reporting limits
a = Aqueous sample that contains greater than ~1% sediment
# = See laboratory report for notes and/or a description of chromatogram pattern

APPENDIX A

REGULATORY CORRESPONDENCE

SAN MATEO COUNTY
HEALTH SYSTEM

March 6, 2013

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr. c/o Janet Heikel
janeth@ogpinc.net
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

Thank you for the *Remedial Action Completion Report,* submitted February 4, 2013 to the Geotracker website, by Conestoga-Rovers & Associates (CRA) for the above referenced site. San Mateo County Groundwater Protection Program (GPP) concurs with the proposed post-remedial sampling plan to collect grab groundwater samples.

You may combine results of wet and dry season sampling into one report. Please notify this office at least two (2) business days prior to conducting any field work and submit a report of post-remedial groundwater sampling no later than **September 20, 2013.**

I can be reached at (650) 372-6298 or by e-mail at jmadden@smcgov.org to answer any questions you may have regarding this letter. Thank you for your cooperation.

Sincerely,

Jacob Madden
Hazardous Materials Specialist
Groundwater Protection Program

cc: Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandaa@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080

APPENDIX B

BORING PERMITS

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 13- 0193

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
131 TERMINAL CT, S SAN FRANCISCO

OWNER:
OLYMPIAN JV
1300 INDUSTRIAL ROAD
SAN CARLOS

WP0009389 FA0051497
015113210
AMOUNT PAID: 577.00

CONTRACTOR:
WOODWARD DRILLING CO

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS
CONSULTANT: CONESTOGA ROVERS & ASSOC
PROJECT MGR: RON SCHEELE
RO0001695

JACOB MADDEN

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 3/6/2013

EXPIRATION DATE: 7/6/2013

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SAN MATEO COUNTY ENVIRONMENTAL HEALTH

FEB 28 2013

RECEIVED

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

$ PAID #11461 $577.00 mail

PURPOSE OF APPLICATION: ☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS ☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # ____
NO. OF WELLS ____ NO. OF BORINGS ____ WELL/BORING NAMES ____

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY: ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Former Olympian JV Cardlock ASSESSOR'S PARCEL # 015113210 (one per permit)
DRILLING LOCATION ADDRESS 131 Terminal Court CITY South San Francisco
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other ____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 10 (feet) Drilling Method hand auger
Boring Diameter 3 inches Casing Diameter 3/4-inch Filter Pack Interval NA Screen Interval NA
Development Method NA - grab groundwater (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd., Ste 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL janeth@oginc.net

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: [signature] Date: 2/8/2013

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Primo Ripetta
ADDRESS 131 Terminal Ct CITY, STATE, ZIP South San Francisco, CA
TELEPHONE 320-583-4386 EMAIL ggpt2inc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or contractor's permit may be substituted for signature on permit application.)
Property Owner's Signature: [signature] Date: 2-7-13

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling Co CONTACT PERSON Ryan Woodward
ADDRESS P.O. Box 3316 C57 DRILLERS LICENSE # 712879
CITY, STATE, ZIP Rio Vista Ca 94571 TELEPHONE/EMAIL Ryan@woodwarddrilling.com
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board
Driller's Signature: Ryan E Woodward Date: 2-12-13

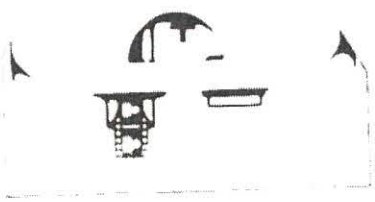
CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis Street, Suite A TELEPHONE 510-420-0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com
I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses.
(Responsible Professional must be a California Professional Geologist or Civil Engineer.)
Responsible Professional's Name (Please print legibly) Ron Scheele
Responsible Professional's Signature ____ Date: ____
California Professional Geologist (PG) No. #8842 or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA 51497



 2013 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology may be requested by County staff. Upon review of information on this application, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for a mobilization associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2013 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ RO/FA# 1695 Date: 2-28-2013

Revised every January 1

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
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PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS _____ WELL/BORING NAMES _____

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☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
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Boring Diameter 3 inches Casing Diameter 3/4-inch Filter Pack Interval NA Screen Interval NA
Development Method NA - grab groundwater (additional 48 hour staff notification required)
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NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd., Ste 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL janeth@pginc.net

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 2/8/2013

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Primo Ripetta
ADDRESS 131 Terminal Ct CITY, STATE, ZIP South San Francisco, CA
TELEPHONE 320-583-4886 EMAIL ggpt2inc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: _____ **Date:** 2-7-13

DRILLING COMPANY:

DRILLING COMPANY _____ CONTACT PERSON _____
ADDRESS _____ C57 DRILLERS LICENSE # _____
CITY, STATE, ZIP _____ TELEPHONE/EMAIL _____

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ **Date:** _____

CONSULTANT COMPANY:

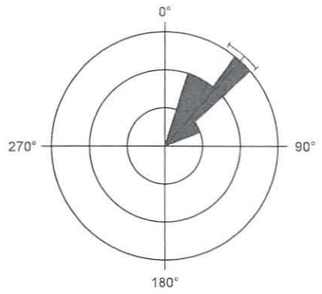
CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis Street, Suite A TELEPHONE 510-420-0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

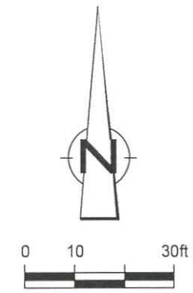
Responsible Professional's Name (Please print legibly) Ron Scheele
Responsible Professional's Signature Ron Scheele **Date:** 2/12/13
California Professional Geologist (PG) No. #8842 Ph. # 6842 **or Civil Engineer (PE) No.** _____

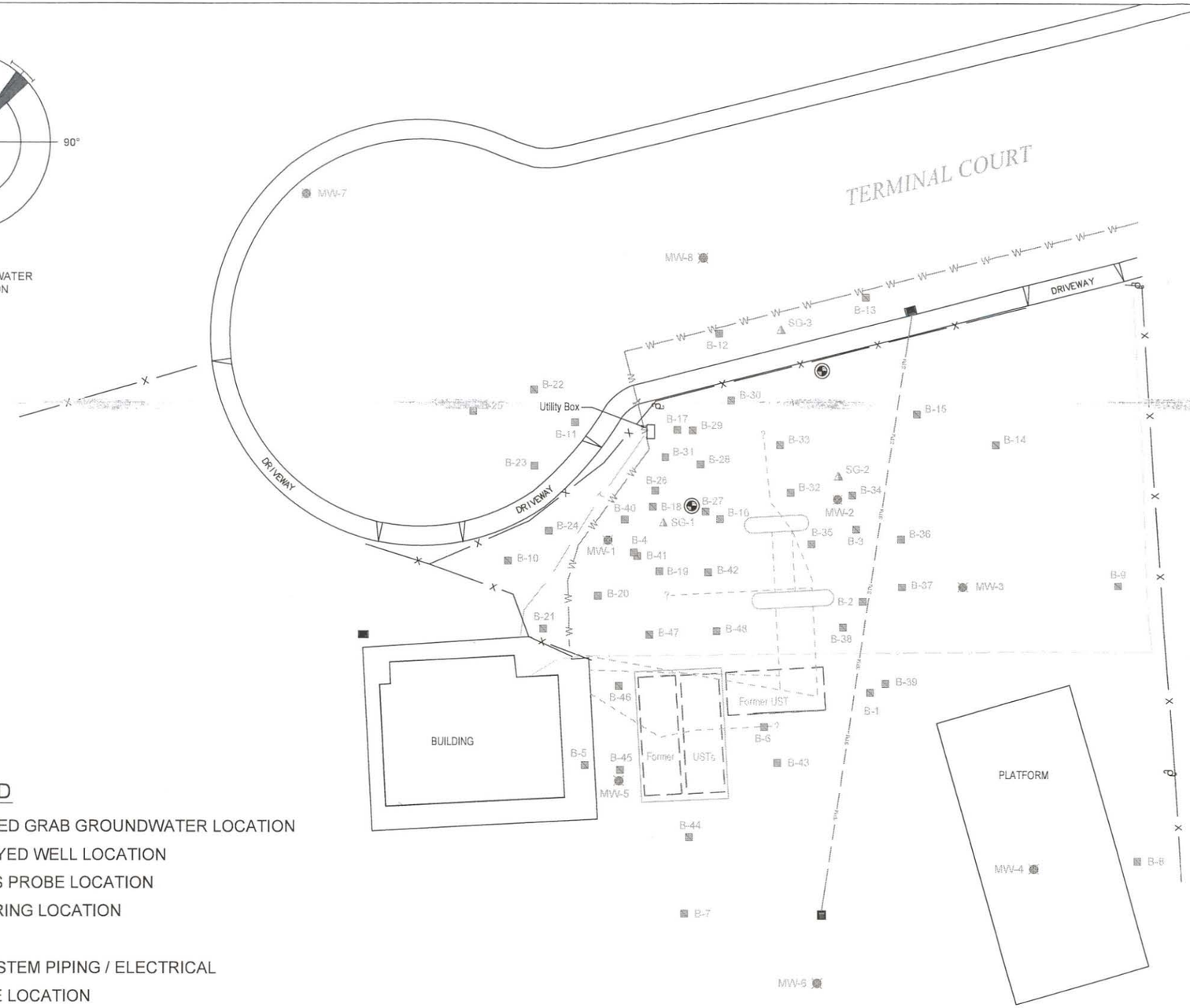
Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1



HISTORIC GROUNDWATER
FLOW DIRECTION





LEGEND

- PROPOSED GRAB GROUNDWATER LOCATION
- DESTROYED WELL LOCATION
- SOIL GAS PROBE LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 4

PROPOSED GRAB GROUNDWATER LOCATIONS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM004 JAN 22/2013

CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: February 26, 2013

REFERENCE NO.: 161558

PROJECT NAME: Agency Case No. 55014
Former Olympian Card-Lock
Currently Golden Gate Produce

TO: Mr. Jacob Madden
San Mateo County Env. Health Services Div.
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
FEB 28 2013
RECEIVED

Please find enclosed:
- ☐ Draft
- ☒ Originals
- ☒ Prints
- ☐ Final
- ☐ Other

Sent via:
- ☒ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☐ Other

QUANTITY	DESCRIPTION
1	2013 Subsurface Drilling Permit Application
1	Check # 11461 in the amount of $577.00
1	Proposed Boring Locations Map

- ☐ As Requested
- ☐ For Your Use
- ☐ For Review and Comment
- ☐
- ☐

COMMENTS:
Attached is a completed boring permit and associated fees and site plan. If you have any questions, please contact Dan Glaze at (510)376-0657.

Copy to:

Completed by: Dan Glaze [Please Print]

Signed: Dan Glaze

Filing: Correspondence File

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 13- 1430

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
131 TERMINAL CT, S SAN FRANCISCO

OWNER:
OLYMPIAN JV
1300 INDUSTRIAL ROAD SUITE 2
SAN CARLOS

WP0009545 FA0051497
015113210
AMOUNT PAID: 577.00

CONTRACTOR:
WOODWARD DRILLING

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS
CONSULTANT: CONESTOGA ROVERS & ASSOC
PROJECT MGR: RON SCHEELE
RO0001695

JACOB MADDEN

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 7/24/2013

EXPIRATION DATE: 11/24/2013

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

Amt 577.00

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

PAID
CK NO 11546
DATE 7-18-13

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
JUL 18 2013
RECEIVED

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS _____ WELL/BORING NAMES B53 + B54

PURPOSE OF DRILLING ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Former Olympian JV Cardlock ASSESSOR'S PARCEL # 015113210 (one per permit)
DRILLING LOCATION ADDRESS 131 Terminal Court CITY South San Francisco
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 10 (feet) Drilling Method hand auger
Boring Diameter 3 inches Casing Diameter 3/4-inch Filter Pack Interval NA Screen Interval NA
Development Method NA - grab groundwater (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd., Ste 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL janeth@oginc.net

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Well/Boring Owner's/Contact Person's Signature: [signature] V.P. **Date:** 7/18/13

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Primo Ripetta
ADDRESS 131 Terminal Ct CITY, STATE, ZIP South San Francisco, CA
TELEPHONE 320-583-4886 EMAIL ggpt2inc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: _____ **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling CONTACT PERSON Ryan Woodward
ADDRESS 550 River Rd. C57 DRILLERS LICENSE # 710079
CITY, STATE, ZIP Rio Vista, CA 94571 TELEPHONE/EMAIL 707-374-4300/ ryan@woodwarddrilling.com

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ **Date:** _____

CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis Street, Suite A TELEPHONE 510-420-0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com

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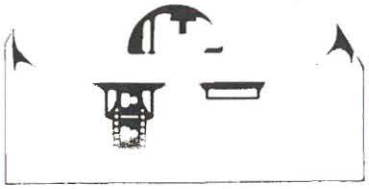
Responsible Professional's Name (Please print legibly) Ron Scheele
Responsible Professional's Signature _____ **Date:** _____
California Professional Geologist (PG) No. #6842 **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA51497



 2013 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology may be requested by County staff. Upon review of information on this application, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for a mobilization associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2013 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ RO/FA# 1695 Date: 7-18-2013

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

TH

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS 2 WELL/BORING NAMES B53+B54

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Former Olympian JV Cardlock ASSESSOR'S PARCEL # 015113210 (one per permit)

DRILLING LOCATION ADDRESS 131 Terminal Court CITY South San Francisco

To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____

Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently

Maximum Proposed Depth Wells/Borings 10 (feet) Drilling Method hand auger

Boring Diameter 3 inches Casing Diameter 3/4-inch Filter Pack Interval NA Screen Interval NA

Development Method NA - grab groundwater (additional 48 hour staff notification required)

Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd., Ste 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL janeth@oginc.net

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Well/Boring Owner's/Contact Person's Signature: _____ **Date:** _____

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Peter Carcione, President
ADDRESS 131 Terminal Ct CITY, STATE, ZIP South San Francisco, CA
TELEPHONE 320-583-4886 EMAIL ggpt2inc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: _____ **Date:** 7-3-13

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling CONTACT PERSON Ryan Woodward
ADDRESS 550 River Rd. C57 DRILLERS LICENSE # 710079
CITY, STATE, ZIP Rio Vista, CA 94571 TELEPHONE/EMAIL 707-374-4300/ ryan@woodwarddrilling.com

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: _____ **Date:** _____

CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis Street, Suite A TELEPHONE 510-420-0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com

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Responsible Professional's Name (Please print legibly) Ron Scheele

Responsible Professional's Signature _____ **Date:** _____

California Professional Geologist (PG) No. #6842 **or Civil Engineer (PE) No.**

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
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$361.00 (geotechnical borings only)

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☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS 2 WELL/BORING NAMES B53 + B54

PURPOSE OF DRILLING ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

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DRILLING LOCATION ADDRESS 131 Terminal Court CITY South San Francisco
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Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 10 (feet) Drilling Method hand auger
Boring Diameter 3 inches Casing Diameter 3/4-inch Filter Pack Interval NA Screen Interval NA
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TELEPHONE (650) 596-8950 EMAIL janeth@oginc.net
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NAME Golden Gate Produce Terminal CONTACT PERSON Primo Ripetta
ADDRESS 131 Terminal Ct CITY, STATE, ZIP South San Francisco, CA
TELEPHONE 320-583-4886 EMAIL ggpt2inc@aol.com
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Driller's Signature: Ryan Woodward **Date:** 6/26/2013

CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis Street, Suite A TELEPHONE 510-420-0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com
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Responsible Professional's Name (Please print legibly) Ron Scheele
Responsible Professional's Signature Ron Scheele **Date:** 7/16/2013
California Professional Geologist (PG) No. #6842 or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

CONESTOGA-ROVERS & ASSOCIATES

2300 Clayton Road, Suite 920
Concord, California 94520
Telephone: (925) 849-1000 Fax: (925) 849-1040
www.CRAworld.com

TRANSMITTAL

DATE: July 17, 2013

REFERENCE NO.: 161558

PROJECT NAME: Agency Case No. 55014

TO: Mr. Jacob Madden
San Mateo County Env. Health Services Div.
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA

Former Olympian Card-Lock
Currently Golden Gate Produce

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
JUL 18 2013
RECEIVED

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☒ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
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QUANTITY	DESCRIPTION
3	2013 Subsurface Drilling Permit Applications
1	Check # 11546 in the amount of $577.00
1	Proposed Boring Locations Map

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

COMMENTS:
Attached is a completed boring permit, associated fees and site plan. **Drilling activities are scheduled for July 26th.** If you have any questions, please contact Dan Glaze at (510)376-0657.

Copy to:

Completed by: Dan Glaze [Please Print] Signed:

Filing: **Correspondence File**

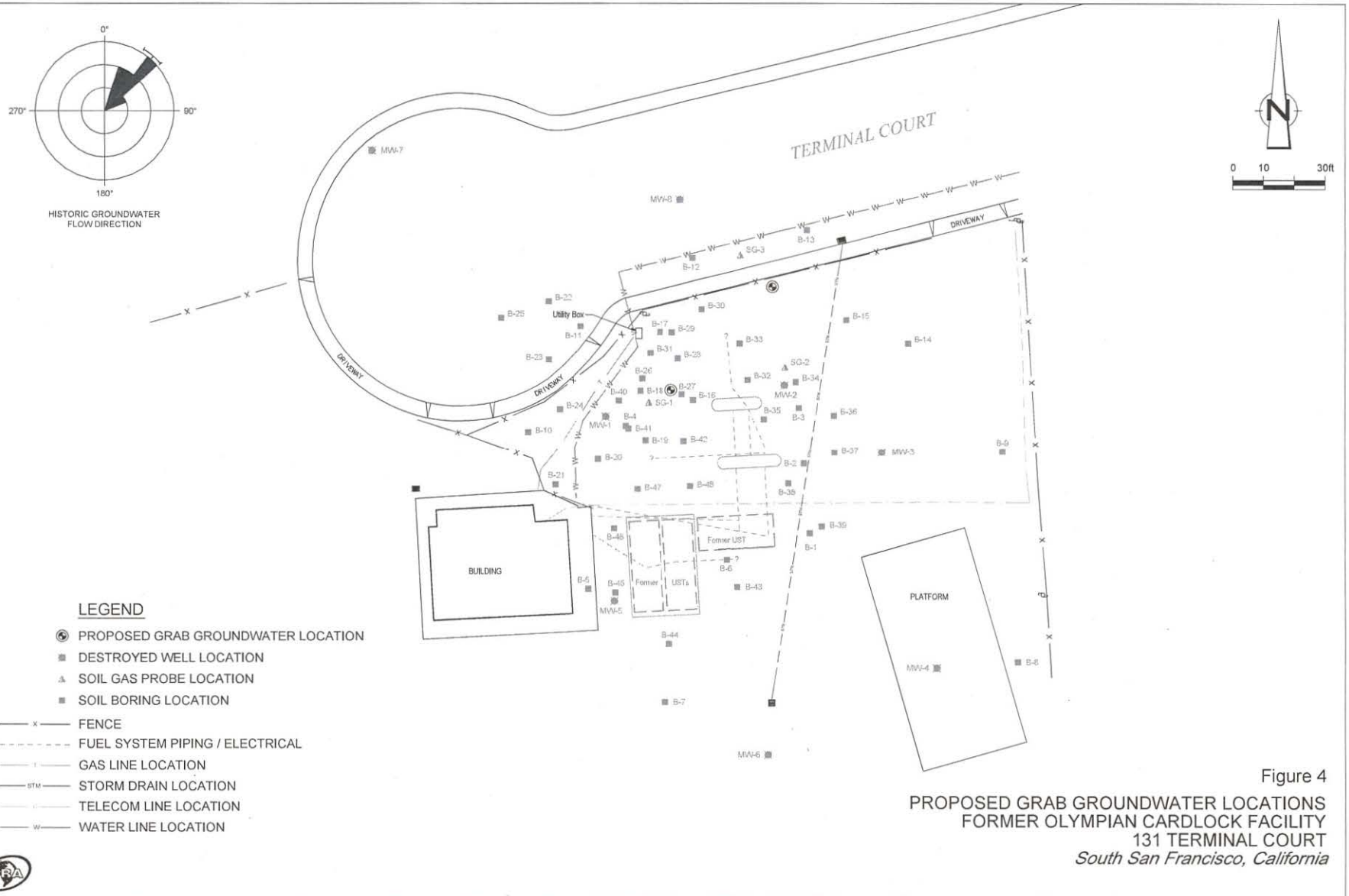

Figure 4

PROPOSED GRAB GROUNDWATER LOCATIONS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM004 JAN 22/2013

APPENDIX C

LABORATORY ANALYTICAL REPORTS

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 03/19/13
		Date Received: 03/19/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Reported: 03/27/13
Emeryville, CA 94608	Client P.O.:	Date Completed: 03/27/13

WorkOrder: 1303523

March 27, 2013

Dear Dan:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#161558-143; Terminal Court,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1303523

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558-143	Project Name: Terminal Court
Project Location: 131 Terminal Ct, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) with silica gel cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Use the Dawn Zemo Separation Method for G+D by 8015	Other	Other	Comments
+10 B-49	B-49	3/19/13	9:00	6	GLASS	X					X				X	X															X			Filter Samples for Metals analysis: Yes / No
+5 B-50	B-50	3/19/13	10:25	6	↓	X					X				X	X															X			

Relinquished By:	Date: 3/19/13	Time: 2:20	Received By:
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4.0
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS:
Email results to: dglaze@craworld.com and rscheele@craworld.com

PRESERVATION VOAS ✓ | O&G | METALS | OTHER
pH<2

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1303523 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558-143; Terminal Court

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **03/19/2013**
Date Printed: **03/19/2013**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1303523-001	B-49	Water	3/19/2013 9:00	☐	A	A	B									
1303523-002	B-50	Water	3/19/2013 10:25	☐	A		B									

Test Legend:

1	G-MBTEX-DZ_W	2	PREDF REPORT	3	TPH-DZ-MAIWSG_W	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **3/19/2013 3:07:57 PM**

Project Name: **#161558-143; Terminal Court**
LogIn Reviewed by: Maria Venegas

WorkOrder N°: **1303523** Matrix: Water
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

1303523

McCAMPBELL ANALYTICAL, INC.

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Pittsburg, CA 94565-1701
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CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY
EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc
5900 Hollis Street
Emeryville, CA 94608 E-Mail: dglaze@craworld.com
Tele: (510) 420-3318 Fax: (510) 376-0657
Project #: 161558-143 Project Name: Terminal Court
Project Location: 131 Terminal Ct, South San Francisco, CA
Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) with silica gel cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other: Use the Dawn Zemo Separation Method for G+D by 8015	Comments: Filter Samples for Metals analysis: Yes / No
+10 B-49	B-49	3/19/13	9:00	6	G&D	X					X				X	X															X	
+5 B-50	B-50	3/19/13	10:25	6	↓	X					X				X	X															X	

Relinquished By:	Date:	Time:	Received By:
	3/19/13	2:20	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4.0
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION VOAS ✓ | O&G | METALS | OTHER
pH<2

COMMENTS:
Email results to: dglaze@craworld.com and rscheele@craworld.com

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

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Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 03/19/13
		Date Received: 03/19/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted: 03/26/13
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/26/13

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B/Dawn Zemo Separation Analytical methods: SW8021B/8015Bm Work Order: 1303523

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	B-49	W	110	ND<10	19	ND	0.64	ND	1	95	d1,b1
002A	B-50	W	36,000	ND<250	590	2100	670	3400	50	96	d1,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
d1) weakly modified or unmodified gasoline is significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 03/19/13
		Date Received: 03/19/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 03/19/13
Emeryville, CA 94608	Client P.O.:	Date Analyzed 03/23/13-03/26/13

Total Extractable Petroleum Hydrocarbons with Dawn Zemo Separation & MAI Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/Dawn Zemo Separation Analytical methods: SW8015B Work Order: 1303523

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1303523-001B	B-49	W	53	1	96	e4,e2,b1
1303523-002B	B-50	W	3800	1	101	e4,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

#) cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; &) low or no surrogate due to matrix interference.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 75887 | WorkOrder: 1303523

EPA Method: SW8021B/8015Bm **Extraction: SW5030B/Dawn Zemo Separation** **Spiked Sample ID: 1303704-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	60	98.5	107	8.26	105	70 - 130	20	70 - 130
MTBE	ND	10	97.5	106	8.26	98	70 - 130	20	70 - 130
Benzene	ND	10	87.7	94.4	7.33	92.8	70 - 130	20	70 - 130
Toluene	ND	10	86	97.9	13.0	90.7	70 - 130	20	70 - 130
Ethylbenzene	ND	10	90.6	97.4	7.23	94.2	70 - 130	20	70 - 130
Xylenes	ND	30	96.3	103	7.15	99.6	70 - 130	20	70 - 130
%SS:	96	10	88	88	0	89	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 75887 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1303523-001A	03/19/13 9:00 AM	03/26/13	03/26/13 11:59 PM	1303523-002A	03/19/13 10:25 AM	03/26/13	03/26/13 5:30 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or different container was used.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 75575 | WorkOrder: 1303523

EPA Method: SW8015B | **Extraction: SW3510C/3630C/Dawn Zemo Separation** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	110	N/A	N/A	70 - 130
%SS:	N/A	625	N/A	N/A	N/A	96	N/A	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 75575 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1303523-001B	03/19/13 9:00 AM	03/19/13	03/26/13 12:11 PM	1303523-002B	03/19/13 10:25 AM	03/19/13	03/23/13 6:13 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 07/26/13
		Date Received: 07/26/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Reported: 07/31/13
Emeryville, CA 94608	Client P.O.:	Date Completed: 07/31/13

WorkOrder: 1307854

August 01, 2013

Dear Dan:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#161558-143; Terminal Court,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1307854

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ❑ RUSH ❑ 24 HR ❑ 48 HR ❑ 72 HR ■ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze Bill To: Dan Glaze

Company: Conestoga-Rovers & Assoc
2300 Clayton Road, Ste 920
Concord, CA 94520 E-Mail: dglaze@craworld.com

Tele: (510) 376-0657 Tele: (510) 376-0657

Project #: 161558-143 Project Name: Terminal Court

Project Location: 131 Terminal Ct, South San Francisco, CA

Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) with silica gel cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other: Use the Dawn Zemo Separation Method for G+D by 8015
B-53		7/26/13	9:15	6	VOA/AG	X					X				X	X															X
B-54		7/26/13	11:02	6		X					X				X	X															X

TDD

Relinquished By:	Date:	Time:	Received By:
	7/26	2:55	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 1.2

COMMENTS:

GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com

HEAD SPACE ABSENT_____

DECHLORINATED IN LAB_____

APPROPRIATE CONTAINERS_____

PRESERVED IN LAB_____

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

*Please circle water type:

GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1307854 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3327 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc:
PO:
ProjectNo: #161558-143; Terminal Court

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **07/26/2013**
Date Printed: **07/26/2013**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1307854-001	B-53	Water	7/26/2013 9:15	☐	A	A	B									
1307854-002	B-54	Water	7/26/2013 11:02	☐	A		B									

Test Legend:

1	G-MBTEX-DZ_W	2	PREDF REPORT	3	TPH-DZ-MAIWSG_W	4		5	
6		7		8		9		10	
11		12							

Prepared by: Laura Rodriguez

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **7/26/2013 3:00:00 PM**

Project Name: **#161558-143; Terminal Court**
LogIn Reviewed by: Laura Rodriguez

WorkOrder N°: **1307854** Matrix: Water
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 1.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 07/26/13
		Date Received: 07/26/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted: 07/30/13
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 07/30/13

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B/Dawn Zemo Separation Analytical methods: SW8021B/8015Bm Work Order: 1307854

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	B-53	W	50	11	5.5	ND	ND	ND	1	106	d1,b1
002A	B-54	W	51,000	ND<500	2800	7700	1300	6800	100	118	d1,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
d1) weakly modified or unmodified gasoline is significant

CDPH ELAP 1644 ♦ NELAP 12283CA IA Analyst's Initial Angela Rydelius, Lab Manager

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 07/26/13
		Date Received: 07/26/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 07/26/13
Emeryville, CA 94608	Client P.O.:	Date Analyzed 07/31/13

Total Extractable Petroleum Hydrocarbons with Dawn Zemo Separation & MAI Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/Dawn Zemo Separation Analytical methods: SW8015B Work Order: 1307854

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1307854-001B	B-53	W	62	1	87	e4,b1
1307854-002B	B-54	W	4500	1	87	e4,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

#) cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; &) low or no surrogate due to matrix interference.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
e4) gasoline range compounds are significant.

CDPH ELAP 1644 ♦ NELAP 12283CA MAM Analyst's Initial Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 79944 | WorkOrder: 1307854

EPA Method: SW8021B/8015Bm **Extraction: SW5030B/Dawn Zemo Separation** **Spiked Sample ID: 1307885-006A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	60	96.1	99.2	3.14	88.6	70 - 130	20	70 - 130
MTBE	ND	10	91.7	88.4	3.59	80.9	70 - 130	20	70 - 130
Benzene	ND	10	98.3	103	4.84	97.3	70 - 130	20	70 - 130
Toluene	ND	10	101	103	2.19	99.3	70 - 130	20	70 - 130
Ethylbenzene	ND	10	99.4	102	2.19	97	70 - 130	20	70 - 130
Xylenes	ND	30	101	102	0.600	96	70 - 130	20	70 - 130
%SS:	111	10	104	111	6.37	105	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 79944 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1307854-001A	07/26/13 9:15 AM	07/30/13	07/30/13 4:39 AM	1307854-002A	07/26/13 11:02 AM	07/30/13	07/30/13 10:29 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or different container was used.

CDPH ELAP 1644 ♦ NELAP 12283CA

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 79846 | WorkOrder: 1307854

EPA Method: SW8015B | **Extraction: SW3510C/3630C/Dawn Zemo Separation** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	119	N/A	N/A	70 - 130
%SS:	N/A	625	N/A	N/A	N/A	104	N/A	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 79846 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1307854-001B	07/26/13 9:15 AM	07/26/13	07/31/13 1:39 AM	1307854-002B	07/26/13 11:02 AM	07/26/13	07/31/13 12:30 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

CDPH ELAP 1644 ♦ NELAP 12283CA

QA/QC Officer

APPENDIX D

WASTE DISPOSAL

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702049

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: American Integrated Services, Inc.
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DM	500	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF11058 1x55
Project #: 73006-2-63

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: BELEW YIFRU AS DELEGATED AGENT FOR OLYMPIAN JV
Signature
Month: 08 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MARCO MARTINEZ
Signature
Month: 8 Day: 21 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

APPENDIX E

LOW-THREAT UST CASE CLOSURE CHECKLIST

Low-Threat UST Case Closure Policy Checklist

Site: 131 Terminal Court, South San Francisco, CA **Date:** 10/8/2013

Checklist Summary **Yes:** 11 **No:** 0

General Criteria Yes / No

1. ***Is the site located in an area serviced by an existing public water system?*** Yes

2. ***Does the unauthorized release consist only of petroleum?*** Yes
   (crude oil fractions including motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, used oil, and additives and blending agents such as oxygenates)

3. ***Has the unauthorized release been stopped?*** Yes
   (USTs, piping, and dispensers removed, repaired, or replaced)

4. ***Has free product been removed to the maximum extent practicable?*** Yes

5. ***Has a Conceptual Site Model (CSM) been developed?*** Yes
   CSM includes the following:
   - Establishes source and attributes of unauthorized release
   - Describes all affected media
   - Establish the nature, extent, and mobility of the release
   - Describes local geology, hydrogeology and other physical site characteristics
   - Identifies receptors including water supply wells, surface water bodies, nearby structures and their inhabitants

6. ***Has the secondary source been removed to the extent practicable?*** Yes
   Secondary source defined as petroleum-impacted soil and groundwater immediately below point of release from the primary source

   "To the extent practicable" defined as implementing a cost-effective corrective action that removes or destroys-in-place most readily recoverable fraction of source-area mass.

   Additional corrective action not required under policy unless needed to abate threat to human health or groundwater plume does not meet low-threat definition.

7. ***Has soil and groundwater been tested for MTBE?*** Yes
   Not required for sites with only diesel or jet fuel releases

8. ***Nuisance (as defined by Water Code section 13050) does not exist at the site.*** Yes
   A nuisance is defined as anything which meets <u>all</u> of the following:
   1) Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property.
   2) Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal.
   3) Occurs during, or as a result of, the treatment or disposal of wastes.

Low-Threat UST Case Closure Policy Checklist

Media-Specific Criteria - Groundwater Yes / No

9. ***Is the contaminant plume that exceeds WQOs stable or decreasing* in aerial extent, and does it meet all of the additional characteristics in one of the five classes of site listed below, or has groundwater not been impacted?*** Yes

☐ 1 Extent of the plume that exceeds WQOs <100' in length.
No free product.
Nearest water supply well or surface water >250' from plume boundary.

☒ 2 Extent of the plume that exceeds WQOs <250' in length.
No free product.
Nearest water supply well or surface water >1,000' from plume boundary.
Dissolved benzene <3,000 µg/L and dissolved MTBE <1,000 µg/L.

☐ 3 Extent of the plume that exceeds WQOs <250' in length.
Free product has been removed to maximum extent practicable, and is not found offsite.
Plume stable or decreasing for ≥5 years.
Nearest water supply well or surface water >1,000' from plume boundary.
Property owner willing to accept a land use restriction, if required by regulator for case closure.

☐ 4 Extent of the plume that exceeds WQOs <1,000' in length.
No free product.
Nearest water supply well or surface water >1,000' from plume boundary.
Dissolved benzene and MTBE <1,000 µg/L.

☐ 5 The regulatory agency determines , based on an analysis of site-specific conditions that under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and WQOs will be achieved within a reasonable time frame.

* A plume that is "stable or decreasing" is a contaminant mass that has expanded to its maximum extent: the distance from the release where attenuation exceeds migration.

☐ **Sites with Releases That Have Not Affected Groundwater**

Sites with soil that does not contain sufficient mobile constituents [leachate, vapors, or light non-aqueous-phase liquids (LNAPL)] to cause groundwater to exceed the groundwater criteria in this policy shall be considered low-threat sites for the groundwater medium. Provided the general criteria and criteria for other media are also met, those sites are eligible for case closure.
For older releases, the absence of current groundwater impact is often a good indication that residual concentrations present in the soil are not a source for groundwater pollution.

Low-Threat UST Case Closure Policy Checklist

Media-Specific Criteria - Vapor Yes / No

10. ***Does the site meet low-threat vapor-intrusion criteria 1 - 3 as applicable, or criteria 4, or has a site-specific risk assessment for the vapor intrusion pathway demonstrated that human health is protected, or is the is the site an active fueling facility, or have mitigation measures, engineering or institutional controls mitigated the vapor risk?*** Yes

Applies only to sites where the release originated and impacted or potentially impacted adjacent parcels where; existing buildings are occupied or may be reasonably expected to be occupied in future, or buildings for human occupancy are reasonably expected to be constructed in near future.

☐ As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, the regulatory agency determines that petroleum vapors migrating from soil or groundwater will have no significant risk of adversely affecting human health.

☐ The site is an active fueling facility and there is no reasonable concern that subsurface contamination poses unacceptable indoor inhalation health risk.

☒ Site-specific HHRA demonstrates no vapor intrusion risk

Criteria 1 and 2 apply to sites with LNAPL in soil and/or groundwater

☐ 1 Depth to groundwater with unweathered LNAPL** is ≥30' below building foundation.
Total TPH (TPHg + TPHd) in soil within 30' below building foundation is <100 mg/kg

☐ 2 Depth to groundwater is >30' below building foundation.
Unweathered LNAPL** in soil is ≥30' from building foundation in all directions.
Total TPH in soil within 30' of building foundation in all directions is <100 mg/kg.

**unweathered LNAPL is comparable to recently dispensed fuel where product has not been subjected to significant volatilization or solubilization

Criteria 3 applies to sites without LNAPL, but has dissolved benzene in groundwater

☐ 3a Depth to groundwater is ≥5' below building foundation.
Dissolved benzene in groundwater is <100 µg/L.
Total TPH in soil within 5' below building foundation is <100 mg/kg
O_2 concentration in soil within 5' below building foundation is <4%, or no O_2 data.

☐ 3b Depth to groundwater is ≥10' below building foundation.
Dissolved benzene in groundwater is <1,000 µg/L.
Total TPH in soil within 10' below building foundation is <100 mg/kg
O_2 concentration in soil within 10' below building foundation is <4%, or no O_2 data.

☐ 3c Depth to groundwater is ≥5' below building foundation.
Dissolved benzene in groundwater is <1,000 µg/L.
Total TPH in soil within 5' below building foundation is <100 mg/kg
O_2 concentration in soil within 5' below building foundation is ≥4%.

Low-Threat UST Case Closure Policy Checklist

Media-Specific Criteria - Vapor (continued) Yes

Criteria 4 applies to direct soil gas sampling, with vapor samples collected 5' below existing building foundation, or 5' below ground surface for future construction

☐ 4a

Screening levels for sites with bioattenuation zone***

	Benzene	Ethylbenzene	Naphthalene
Residential	<85,000 µg/m^3	<1,100,000 µg/m^3	<93,000 µg/m^3
Commercial	<280,000 µg/m^3	<3,600,000 µg/m^3	<310,000 µg/m^3

☐ 4b Screening levels for sites without bioattenuation zone (same as CHHSLs)

	Benzene	Ethylbenzene	Naphthalene
Residential	<85 µg/m^3	<1,100 µg/m^3	<93 µg/m^3
Commercial	<280 µg/m^3	<3,600 µg/m^3	<310 µg/m^3

*** total TPH <100 mg/kg in upper 5' of soil, and ≥4% oxygen in soil at 5' sample depth

Media-Specific Criteria - Direct Contact and Outdoor Air Exposure

11. ***Does the site meet one of the following 3 low-threat direct contact and outdoor air exposure criteria?*** Yes

☒ 1 Concentrations in soil are less than or equal to the following*:

Residential ***(All units are mg/kg)***

Depth (feet)	Benzene mg/kg	Ethylbenzene	Naphthalene	PAHs^
0 - 5	1.9	21	9.7	0.063
5 - 10	2.8	32	9.7	NA

Commercial / Industrial ***(All units are mg/kg)***

Depth (feet)	Benzene	Ethylbenzene	Naphthalene	PAHs^
0 - 5	8.2	89	45	0.068
5 - 10	12	134	45	NA

Utility Worker ***(All units are mg/kg)***

Depth	Benzene	Ethylbenzene	Naphthalene	PAHs^
0 - 10 feet	14	314	219	4.5

* The area of impacted soil where a particular exposure occurs is ≤ 25 by 25 meters.

^ Based on 7 carcinogenic PAHs as benzo(a)pyrene toxicity equivalent, only where soil affected by waste oil and/or Bunker C fuel

☐ 2 Maximum petroleum constituent concentrations in soil are less than levels that a site-specific risk assessment shows there is no significant risk to human health.

☐ 3 Direct contact and outdoor air exposure mitigated through institutional or engineered controls and regulator agrees that no significant risk to human health exists.

Low-Threat UST Case Closure Policy Checklist

If all 11 questions above are answered "YES," then site will be considered eligible for case closure according to the Low-Threat Closure Policy.

Provide comments below for any "No" answers to questions 1 through 11 above.

Provide details on why "No" answer was selected.
Outline the strategy for getting a "Yes" answer for each question answered "No" above.
The resulting strategy should be incorporated into an updated E2E plan for the site.

SAN MATEO COUNTY
HEALTH SYSTEM

March 27, 2014

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr. c/o Janet Heikel
janeth@ogpinc.net
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: CASE CLOSURE, REMEDIAL ACTION OVERSIGHT, FORMER OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

This letter confirms the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tanks site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or

- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Heather Forshey, MS, REHS
Environmental Health Director

cc: Jolanta Uchman, RWQCB, jolanta.uchman@waterboards.ca.gov
Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandaa@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080

SAN MATEO COUNTY
HEALTH SYSTEM

March 27, 2014

SMCo Site # 550158
APN 015-113-210

Jim Kirkman
Chief Building Official
315 Maple Avenue
South San Francisco, CA 94080

SUBJECT: RESIDUAL HYDROCARBONs AT FORMER OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT, SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Kirkman:

The attached case closure letter was prepared by the San Mateo County Environmental Health Department Groundwater Protection Program (GPP) with the tacit approval of the California Regional Water Quality Control Board (CRWQCB). Although site closure was granted, an amount of hydrocarbon-affected soil and groundwater may exist at the subject site near the former fueling facility (see attached Figure). Although these hydrocarbons do not appear to pose a risk to public health and the environment under existing land use conditions, changes in land use or removal of soil and groundwater from the affected area may create a risk. Therefore, any proposed change in land use or proposed soil or groundwater removal activity at or in close proximity to the subject site must be submitted to the GPP for our review under government code section 65850.2 so we can evaluate whether the residual contaminates will likely pose a risk to public health and the environment if the proposed activities are implemented. The costs to evaluate the potential public health or environmental impacts of the proposed land use or construction activity in relation to the residual contaminants will be billed directly to the entity initiating the activity requiring our review.

Please call me at (650) 372-6298 if you have any questions. Thank you for your cooperation.

Sincerely,

Jacob Madden, PG
Hazardous Materials Specialist
Groundwater Protection Program

attachment

cc: Janet Heikel, Olympian Oil Company, janeth@ogpinc.net
Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandaa@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080

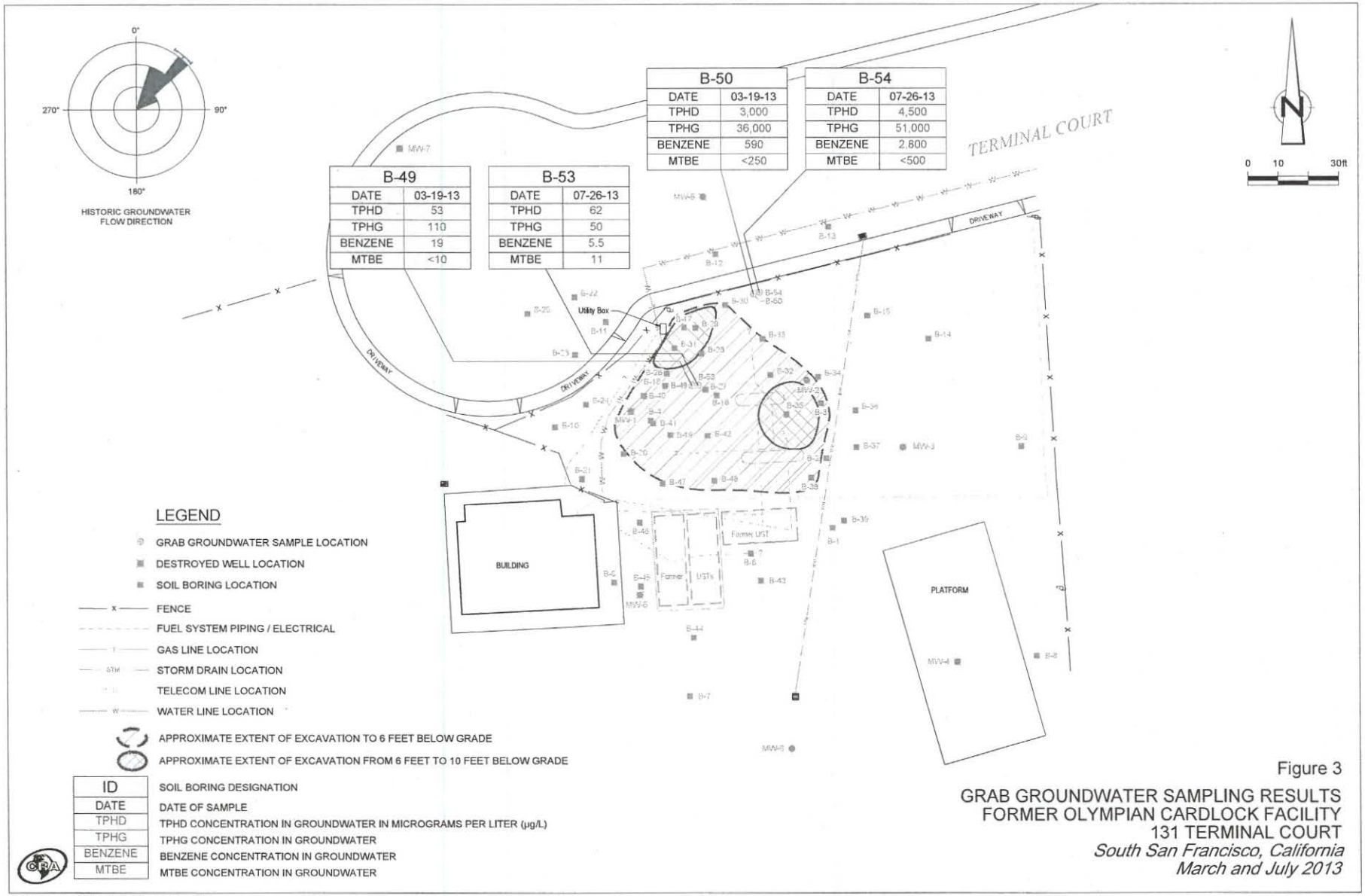

Figure 3

GRAB GROUNDWATER SAMPLING RESULTS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March and July 2013

161558-142(012)GN-EM006 OCT 09/2013

SAN MATEO COUNTY CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANKS PROGRAM

I. AGENCY INFORMATION

San Mateo County Health Department Groundwater Protection
2000 Alameda de las Pulgas, San Mateo, CA 94403
County Project Manager: Jacob Madden
Title: Hazardous Materials Specialist III
Telephone Number: (650) 372-6298

Response requested by
JAN 5 2014

II. CASE INFORMATION

Site Name: Olympian Produce Terminal Cardlock (former).
Site Address: 131 Terminal Ct., South San Francisco, APN 015-113-210

RB LUSTIS Case #: 41-4032	*Local Case #:* 550158	LOP Case #: 550158
URF Filing Date: 10/27/1994	*Record ID #:* ~~1397~~ 1695	*Global ID* T0608126439

Responsible Party Information

Olympian JV c/o Janet Heikel

Name	*Address*	*Phone #*
Fred Bertetta Jr. C/O Janet Heikel	1300 Industrial Rd. Suite 2, San Carlos, CA 94070	

Tank Information

Tank #	*Size in Gallons*	*Contents*	*Closed-In Place/ Removed*	*Date*
1	10,000	Diesel	Removed	10/2012
2	10,000	Diesel	Removed	10/2012
3	6,000	Gasoline	Removed	10/2012

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown
Site Characterization Complete? Yes
Date Approved by Oversight Agency: 5/30/2012
Number of Monitoring wells installed: 8 Proper screened interval? Yes
Highest GW depth BGS: 0.38 Lowest GW depth BGS: 5.16
Flow Direction: northeast
Most sensitive current use: Drinking water
Are Drinking Water affected? No Aquifer Name: Westside Basin
Is Surface Water Affected? No Nearest SW name: San Francisco Bay
Off-Site Beneficial use Impacts (Location): None
Report(s) on File? Yes Where is it filed? SMCo and Geotracker

Treatment and Disposal of Affected Material

Material	*Amount (Include units)*	*Action (Treatment or disposal w/destination)*	*Date*
Tanks	3- Tanks 2-10,000 and 6,000 gallon	Removed	10/2012
Piping	unk	Removed	10/2012
Soil	Approx.996 Tons	Disposal	12/2012

Maximum Documented Contaminant Concentrations - Before and After Cleanup

	SOIL (PPM)		**GROUNDWATER (PPB)**	
Contaminant	*Before*	*After*	*Before*	*After*
TPH-gasoline	5000 (B-26 @ 5 ft in 2012)	85 (B-30 @ 7.5 ft in 2012)	69,000	51,000
TPH-diesel	7600 (T-1 @2.5 ft in 1998)	58 (B-30 @ 7.5 ft in 2012)	200,000	4,500
MtBE	<25 (B-26 @ 5 ft in 2012)	<1 (B-30 @ 7.5 ft in 2012)	25000	<500
Benzene	56 (B-26 @ 5 ft in 2012)	0.66 (B-34 @ 5 ft in 2012)	6800	2800
Toluene	220 (B-26 @ 5 ft in 2012)	1.5 (B-30 @ 10 ft in 2012)	6200	7700
Ethylbenzene	80 (B-26 @ 5 ft in 2012)	0.89 (B-30 @ 5 ft in 2012)	2400	1300
Xylenes	410 (B-26 @ 5 ft in 2012)	4 (B-30 @ 10 ft in 2012)	5500	6800

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? *Yes*
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? *Yes*
Does corrective action protect public health for current land use? *Yes*
Site Management Requirements: *Yes, see comment below*
Should corrective action be reviewed if land use changes? *No*
Monitoring Wells to be Decommissioned? *0* Number Decommissioned: 8 Number Retained: 0

List Enforcement Actions Taken: *None*
List Enforcement Action Rescinded: *None*

V. RWQCB Notification

Date Submitted to RB: DEC 5 2013	*RB Response:*
RB Staff: Cheryl Prowell	*Title*: Water Resource Control Engineer

An unknown amount of hydrocarbon impacted soil, as well as impacted groundwater, Figure 1, remains in the subsurface at the site. City of South San Francisco Building Department has been notified that should excavation or development of the property be proposed that may encounter impacted soil or groundwater, San Mateo County Environmental Health Division must be notified as required by Government Code Section 65850.2.

Dean D. Peterson, Director, Environmental Health

12/4/13
Date

Figure 3

GRAB GROUNDWATER SAMPLING RESULTS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March and July 2013

161558-142(012)GN-EM006 OCT 09/2013

EMLab P&K
A TestAmerica Company

Report for:

Mr. Michael Polkabla
Biomax Environmental
727 19th St.
Pacific Grove, CA 93950

Regarding: Project: 02212018-01; Golden Gate Produce
EML ID: 1883539

Approved by:

Joshua T. Cox

Operations Manager
Joshua Cox

Dates of Analysis:
Direct microscopic exam (Qualitative): 02-27-2018

Service SOPs: Direct microscopic exam (Qualitative) (EM-MY-S-1039)
AIHA-LAP, LLC accredited service, Lab ID #102297

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

EMLab P&K
1501 West Knudsen Drive, Phoenix, AZ 85027
(800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: Biomax Environmental
C/O: Mr. Michael Polkabla
Re: 02212018-01; Golden Gate Produce

Date of Sampling: 02-21-2018
Date of Receipt: 02-23-2018
Date of Report: 02-27-2018

DIRECT MICROSCOPIC EXAMINATION REPORT

Location:	BT-4: 40D #3	BT-5: 40D #2
Sample type:	Tape sample	Tape sample
Lab ID-Version‡:	8840600-1	8840601-1
Analysis Date:	02/27/2018	02/27/2018
MOLD/FUNGAL GROWTH*: Molds seen growing with underlying mycelial and/or sporulating structures		
Acremonium		
Alternaria		
Aureobasidium		
Basidiospores		
Chaetomium		
Cladosporium	3+	4+
Colorless spores typical of Penicillium / Aspergillus		
Fusarium		
Other colorless, ID unknown		
Stachybotrys		
Torula		
Ulocladium		
Miscellaneous spores**	Very few	Very few
Other comments†	None	None
Background debris or Description††	Light	Moderate
General impression	Mold growth	Mold growth

* See Mold/Fungal Growth Details table on the last page.

** See Miscellaneous Spores table on the last page.

† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for growth.

†† Background debris is an indication of the amounts of non biological particulate matter present. This background amorphous material is graded and described as scant, light, moderate, heavy, or very heavy. (Very heavy background debris may obscure visibility.)

Fungal types listed without a growth rating or data entry were not detected during the course of the analysis for the respective sample.

Interpretation is left to the company and/or persons who conducted the field work.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
The limit of detection is < 1+ when mold growth is detected.

CHAIN OF CUSTODY

www.EMLabPK.com

EMLab P&K
A TestAmerica Company

New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * (856) 871-1984
Phoenix, AZ: 1501 West Knudsen drive, Phoenix, AZ 85027 * (800) 651-4802
SSF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * (888) 888-8653

Weather	Fog	Rain	Snow	Wind	Clear
Level: None	☐	☐	☐	☐	☒
Light	☐	☐	☐	☐	
Moderate	☐	☐	☐	☐	
Heavy	☐	☐	☐	☐	

REQUES
(Use ch

001883539

CONTACT INFORMATION

Company:		Address:	
Contact:		Special Instructions:	Please report biotape microbial findings on seperate report
Phone:			

PROJECT INFORMATION

Project ID:	OZZ12018-01		
Project Description:	Golden Gate Produce	Sampling Date & Time:	
Project Zip Code:		Sampled By:	
PO Number:			

TURN AROUND TIME CODES (TAT)

STD – Standard (DEFAULT)
ND – Next Business Day
SD – Same Business Day Rush
WH – Weekend / Holiday

Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
33	upstairs office #2 core sample	B	STD		
34	upstairs office #3 core sample	B			
35	upstairs equipment room tape/swab	B			
BT-1	40C large refridgerator	T			
BT-2	40C large refridgerator	T			
BT-3	40C large freezer	T			
BT-4	40 D #3	T			
BT-5	40 D #2	T			

Non-Culturable: Spore Trap | Tape Swab Bulk | BioCassette™ Water, Bulk, Du

Fungi – Spore Trap Analysis	Spore Trap Analysis – Other particles	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam	1-Media Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)	Culturable Air & Surface Bacteria	Gram Stain & Counts	Legionella culture	Total Coliform, E. coli (Presence/Absence)	Membrane Filtration (specify organism):	MPN Bacteria (specify organism):	QuantiTray – Sewage Screen	Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis – PLM (EPA method 600/R-93-116)	PCR (specify test):	
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐
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SAMPLE TYPE CODES

BC – BioCassette™	ST – Spore Trap; Zefon, Allergenco, Burkard ...	T – Tape	D – Dust
AIS – Anderson		SW – Swab	SO – Soil
SAS – Surface Air Sampler	P – Potable Water	B – Bulk	
CP – Contact Plate	NP – Non-Potable Water	O – Other:	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
	2/22/18		
Fedex 950	2/23/18	KC Lab	

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at http://www.emlab.com/s/mainservice/terms.html

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INTRODUCTION

BioMax Environmental, Inc. (BioMax) is pleased to present this Asbestos Survey Summary Report (Report) and attached laboratory results pertaining to our sampling activities conducted for Golden Gate Produce Terminal by BioMax on February 21, 2018. The assessment was performed at Golden Gate Produce Terminal Stalls 40C, 40D, and 40E located 131 Terminal Court, in the city of South San Francisco, CA. This Report provides Golden Gate Produce Terminal with a professional review of all asbestos sample findings associates with BioMax's thorough evaluation (on the date sampled) of representative building materials located within the stalls and areas noted.

The sampling and analysis strategy performed and presented in this report was developed by Mr. Michael A. Polkabla, CIH, REA, of BioMax Environmental, Inc. Mr. Polkabla has extensive professional experience with asbestos containing materials as well as construction exposure evaluations and has been certified in the Comprehensive Practice of Industrial Hygiene by the American Board of Industrial Hygiene and holds the right to the designation "Certified Industrial Hygienist" (CIH) under certification number 7104CP. Mr. Polkabla has also previously been certified by the California Environmental Protection Agency (Cal/EPA) as a Class I Registered Environmental Assessor (REA) under Certification number 05011. As Part of these services, Mr. Michael A. Polkabla reviewed and approved the sampling plan as performed by BioMax's experienced IH Technician, Tara M. McCorkle. Ms. McCorkle holds current certifications with the State of California as a certified Asbestos Contractor/Supervisor, Asbestos Building Inspector, Asbestos Project Designer, and Asbestos Management Planner.

All industrial hygiene asbestos sampling procedures performed and/or provided by BioMax were conducted in accordance with National Institute for Occupational Safety and Health (NIOSH) Analytical Methods 9002 (Asbestos PLM), Cal/OSHA's Asbestos in General Industry Standard T8 CCR 5208, and applicable Certified Industrial Hygiene practices.

SAMPLING AND ANALYTICAL METHODS

Beginning at 0830 on February 21, 2018, BioMax collected a series of bulk samples from representative building materials identified by Golden Gate Produce Terminal and BioMax as suspect Asbestos Containing Material (ACM). In total, 35 samples of suspect ACM were collected from the stalls of 40C, 40D, and 40E. A site map has been attached to this report for further reference. Samples were collected by BioMax's IH Technician using manual extraction methods in order to gain 1 to 10 grams of suspect material in accordance with the referenced NIOSH standards. Golden Gate Produce Terminal employee, Mr. Bill Mathis was in attendance and assisted Ms. McCorkle in the collection of samples. Following collection of samples, the materials were then placed into double layered plastic re-closable bags and were documented, processed, and transported to Environmental Microbiology Laboratories (EMLab) of Phoenix, AZ under standard Chain of Custody (COC) documentation for subsequent analysis. EMLab holds current accreditation from the AIHA Laboratory Accreditation Programs (AIHA-LAP) and Industrial Hygiene Laboratory Accreditation Program (IHLAP) for analysis of bulk asbestos.

Sample Number	Sample Location / Description	Asbestos Percentage (%)
18	40E north concrete wall near stairs	ND
19	40E south concrete wall	ND
20	40E south concrete wall	ND
21	Core sample of sales office wall	ND
22	Core sample of upstairs office 1 wall	<1% Chrysotile
23	9x9 light color grey tile and attached mastic in upstairs office 1	Tile 6% Chrysotile Black Mastic 12% Chrysotile
24	9x9 light color grey tile and attached mastic in upstairs hallway	Tile 6% Chrysotile Black Mastic 12% Chrysotile
25	Baseboard and attached mastic in upstairs office 1	Brown Mastic 2% Chrysotile
26	Upstairs bathroom vinyl floor with attached mastic	ND
27	Baseboard and attached mastic in upstairs bathroom	Brown Mastic 2% Chrysotile
28	Baseboard and attached mastic in upstairs office 3	ND
29	Corkboard with attached mastic in upstairs hallway	ND
30	Upstairs office #1 ceiling tile	ND
31	Upstairs hallway ceiling tile	ND
32	Upstairs office #3 ceiling tile	ND
33	Upstairs office #2 core sample of wall	White texture <1% Chrysotile Off-white joint compound <1% Chrysotile
34	Upstairs office #3 core sample of wall	ND
35	Upstairs equipment room ceiling material	Off-white compound <1% Chrysotile

ND means no detectable amounts of fibers. ACM as defined by Environmental Protections Agency (EPA) and Cal/OSHA is any material **greater than (>) 1%.**

occur if one were to grind, cut, pulverize, drill, or significantly damage in a way that could potentially cause a fiber release either of these materials.

According to Cal/OSHA, if it is anticipated that ACM is to be disturbed in such ways, the ACM shall be contained and abated appropriately by trained and licensed personnel prior to such disturbance following Cal/OSHA, National Emission Standards for Hazardous Air Pollutants (NESHAP) and appropriate Air Quality Management District (AQMD) regulations.

Based on these analytical findings, it is essential that no disturbance of the floor materials located within the upstairs office 1, office 2, hallway, and/or baseboard along the walls of the upstairs areas may be performed until the ACM is appropriately abated (removed) by trained and licensed personnel. Under our current understanding of historical site operations and uses within the areas of concern, it is BioMax's professional opinion that the likelihood of exposure to asbestos containing materials from normal tenant site activities and operations is minimal so long as the materials containing ACM are not aggressively disturbed and/or damaged. However, in the event that such materials are aggressively manipulated, damaged, and/or disturbed, (such as through renovation, remodeling, etc.) appropriate handling and control measures must be utilized in accordance with federal, state and local environmental regulations and ordinances. Further testing should be performed if any other suspect material (not identified within this report) are discovered and/or identified during the course of any future renovations and demolition activities.

BioMax believes that the above findings and conclusions are consistent with current building conditions and asbestos sampling data gathered under applicable asbestos sampling assessment, evaluation, and control practices. BioMax would be happy to provide additional consultation in the interpretation of the findings presented in this summary report upon request. If you have any additional questions, comments, and/or require further assistance, please contact our offices.

APPENDIX C
Historical Research Documentation

101-131 Terminal Court

101 Terminal Court

South San Francisco, CA 94080

Inquiry Number: 6884057.3

March 07, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

03/07/22

Site Name:

101-131 Terminal Court
101 Terminal Court
South San Francisco, CA 9408
EDR Inquiry # 6884057.3

Client Name:

Haley & Aldrich, Inc.
2033 N. Main Street
Walnut Creek, CA 94596
Contact: Marie Rose Javier

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Haley & Aldrich, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 47DD-4F61-8242

PO # NA

Project 0204962-000

Maps Provided:

1970
1956
1953

Sanborn® Library search results

Certification #: 47DD-4F61-8242

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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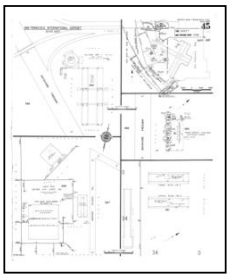
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1970 Source Sheets

Volume 1, Sheet 35
1970



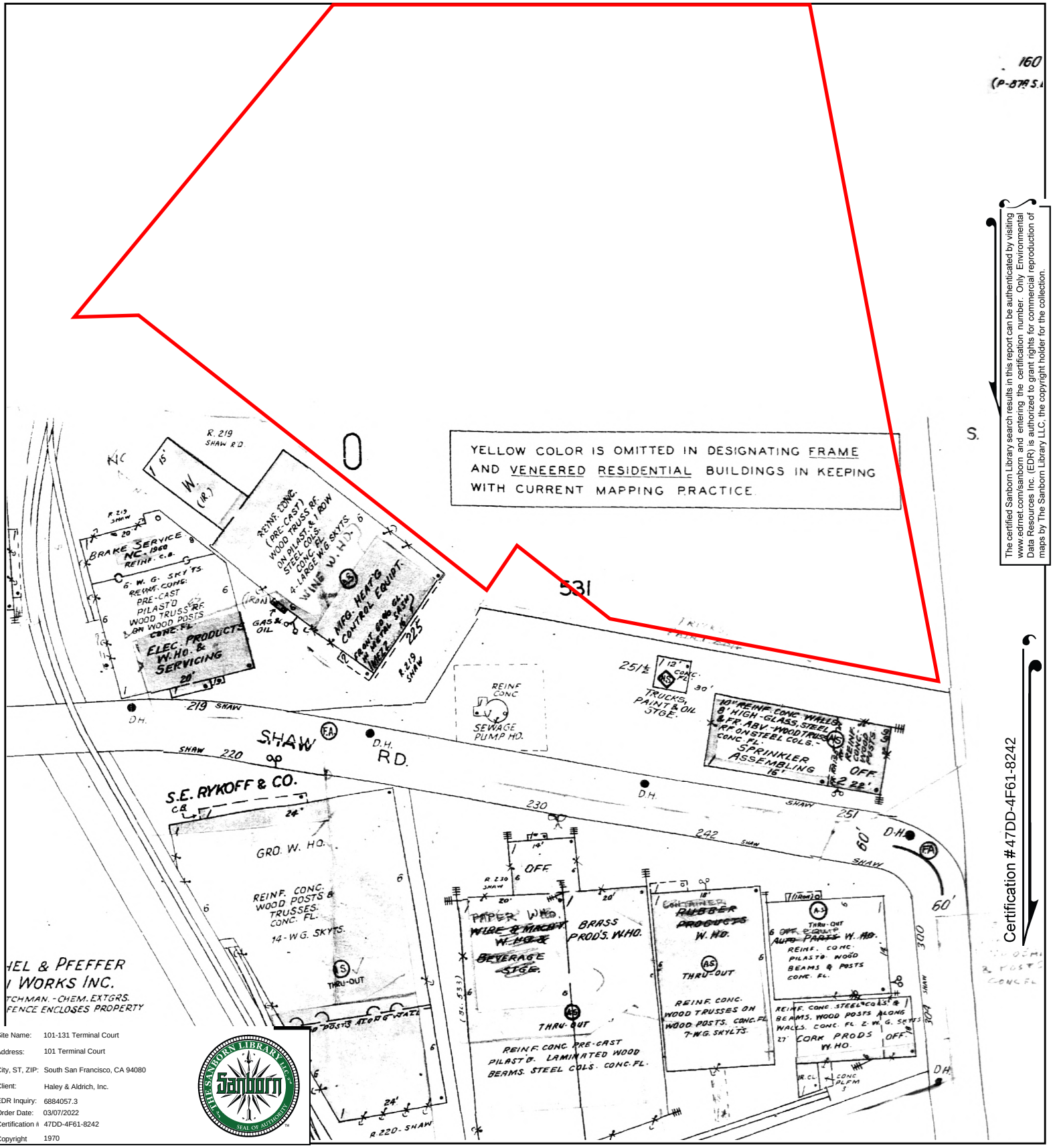
Volume 1, Sheet 45
1970

1956 Source Sheets

Volume 1, Sheet 35
1956

1953 Source Sheets

Volume 1, Sheet 35
1953



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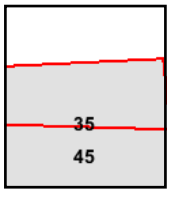
Certification #47DD-4F61-8242

Site Name:	101-131 Terminal Court
Address:	101 Terminal Court
City, ST, ZIP:	South San Francisco, CA 94080
Client:	Haley & Aldrich, Inc.
EDR Inquiry:	6884057.3
Order Date:	03/07/2022
Certification #:	47DD-4F61-8242
Copyright	1970

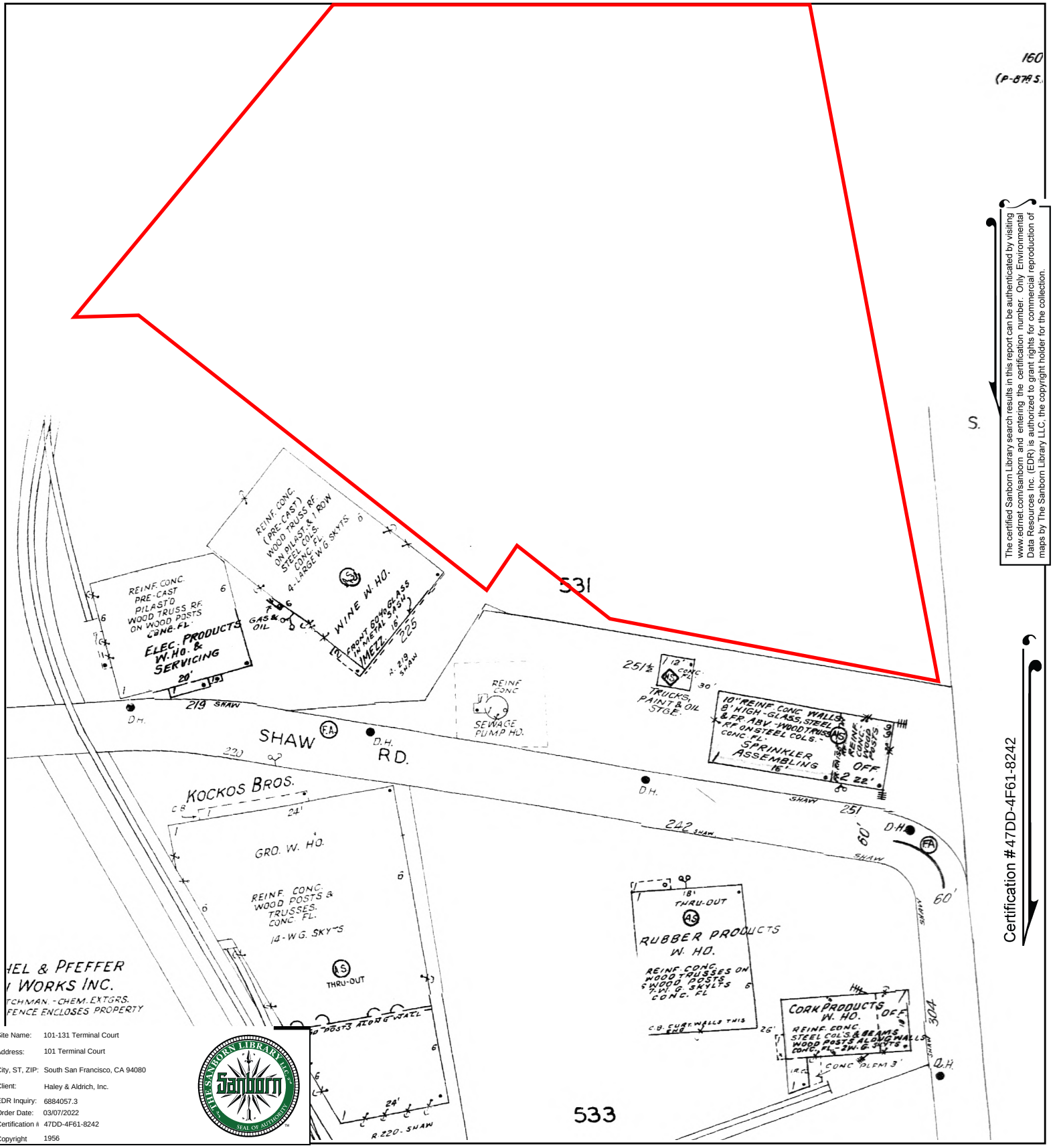
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 1, Sheet 45
Volume 1, Sheet 35

N



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Order Date:	03/07/2022
Certification #:	47DD-4F61-8242
Copyright	1956

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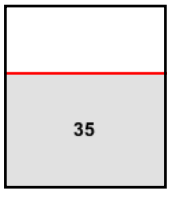
Volume 1, Sheet 35



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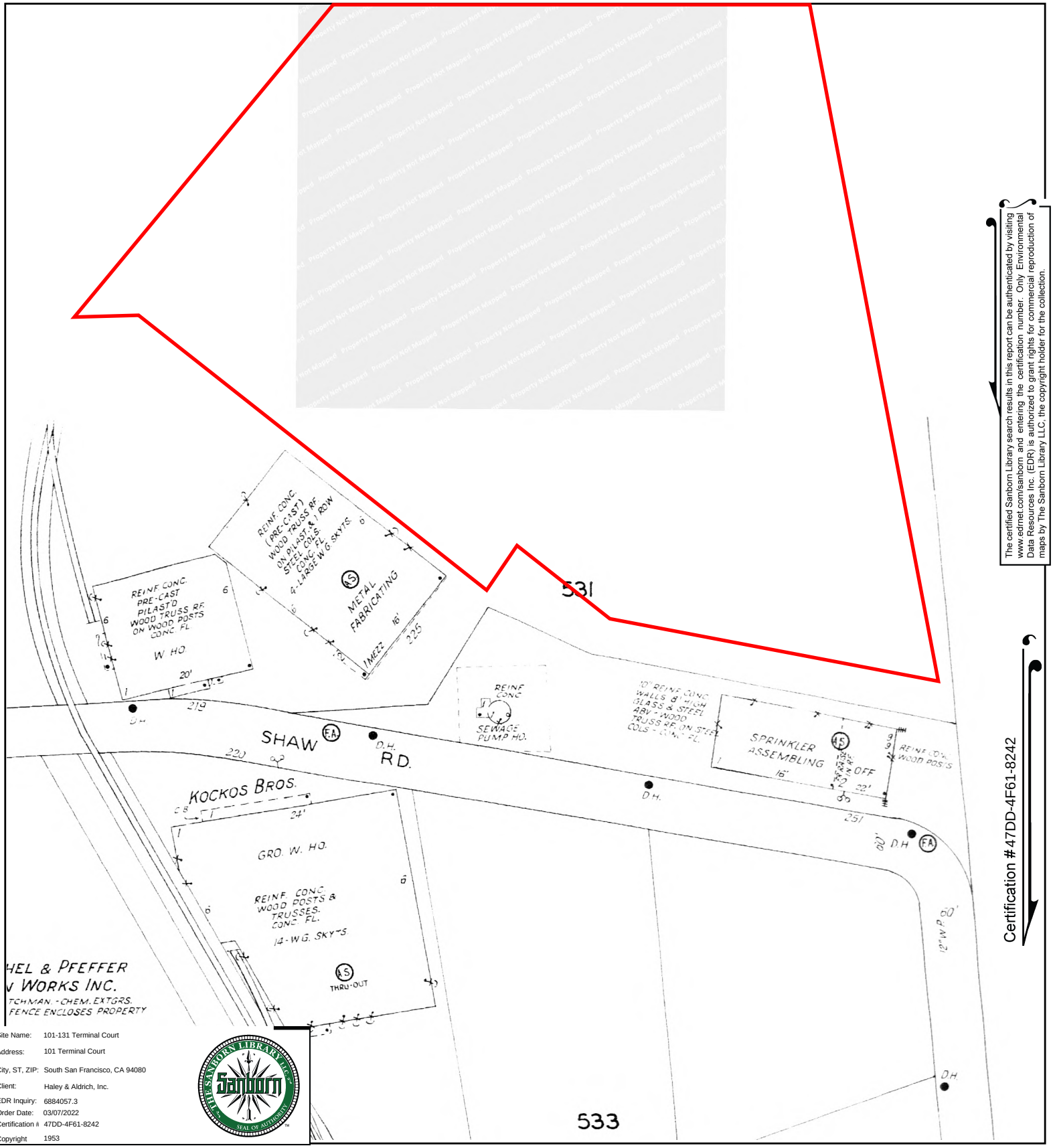

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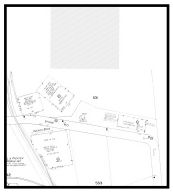
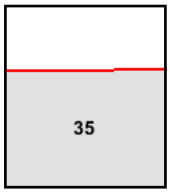
Certification #:	47DD-4F61-8242
Copyright	1953

This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600

Volume 1, Sheet 35





N

101-131 Terminal Court

101 Terminal Court

South San Francisco, CA 94080

Inquiry Number: 6884057.4

March 03, 2022

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/03/22

Site Name:

101-131 Terminal Court
101 Terminal Court
South San Francisco, CA 9408
EDR Inquiry # 6884057.4

Client Name:

Haley & Aldrich, Inc.
2033 N. Main Street
Walnut Creek, CA 94596
Contact: Marie Rose Javier

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Haley & Aldrich, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: 0204962-000

Coordinates:

Latitude:	37.643866 37° 38' 38" North
Longitude:	-122.408067 -122° 24' 29" West
UTM Zone:	Zone 10 North
UTM X Meters:	552220.69
UTM Y Meters:	4166467.16
Elevation:	21.00' above sea level

Maps Provided:

2018	1956
2015	1950
2012	1947, 1949
1996	1939
1995	1915
1980	1899
1973	1896
1968	

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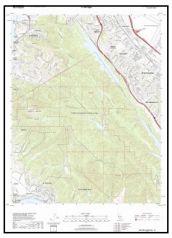
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets

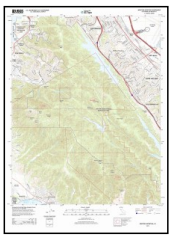
San Francisco South
2018
7.5-minute, 24000



Montara Mountain
2018
7.5-minute, 24000

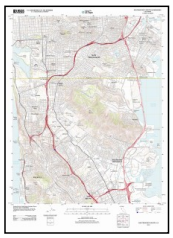
2015 Source Sheets

San Francisco South
2015
7.5-minute, 24000



Montara Mountain
2015
7.5-minute, 24000

2012 Source Sheets



San Francisco South
2012
7.5-minute, 24000

Montara Mountain
2012
7.5-minute, 24000

1996 Source Sheets

Montara Mountain
1996
7.5-minute, 24000
Aerial Photo Revised 1993

San Francisco South
1996
7.5-minute, 24000
Aerial Photo Revised 1993

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1995 Source Sheets

San Francisco South
1995
7.5-minute, 24000
Aerial Photo Revised 1995

1980 Source Sheets

San Francisco South
1980
7.5-minute, 24000
Aerial Photo Revised 1979

Montara Mountain
1980
7.5-minute, 24000
Aerial Photo Revised 1979

1973 Source Sheets

San Francisco South
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets

Montara Mountain
1968
7.5-minute, 24000
Aerial Photo Revised 1968

San Francisco South
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1956 Source Sheets

San Francisco South
1956
7.5-minute, 24000
Aerial Photo Revised 1956

Montara Mountain
1956
7.5-minute, 24000
Aerial Photo Revised 1955

1950 Source Sheets

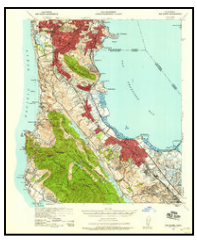
San Francisco South
1950
7.5-minute, 24000
Aerial Photo Revised 1946

1947, 1949 Source Sheets

San Francisco South
1947
7.5-minute, 24000
Aerial Photo Revised 1946

Montara Mountain
1949
7.5-minute, 24000
Aerial Photo Revised 1946

1939 Source Sheets

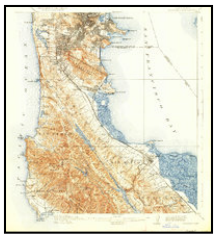


San Mateo
1939
15-minute, 62500
Aerial Photo Revised 1939

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1915 Source Sheets



San Mateo
1915
15-minute, 62500

1899 Source Sheets

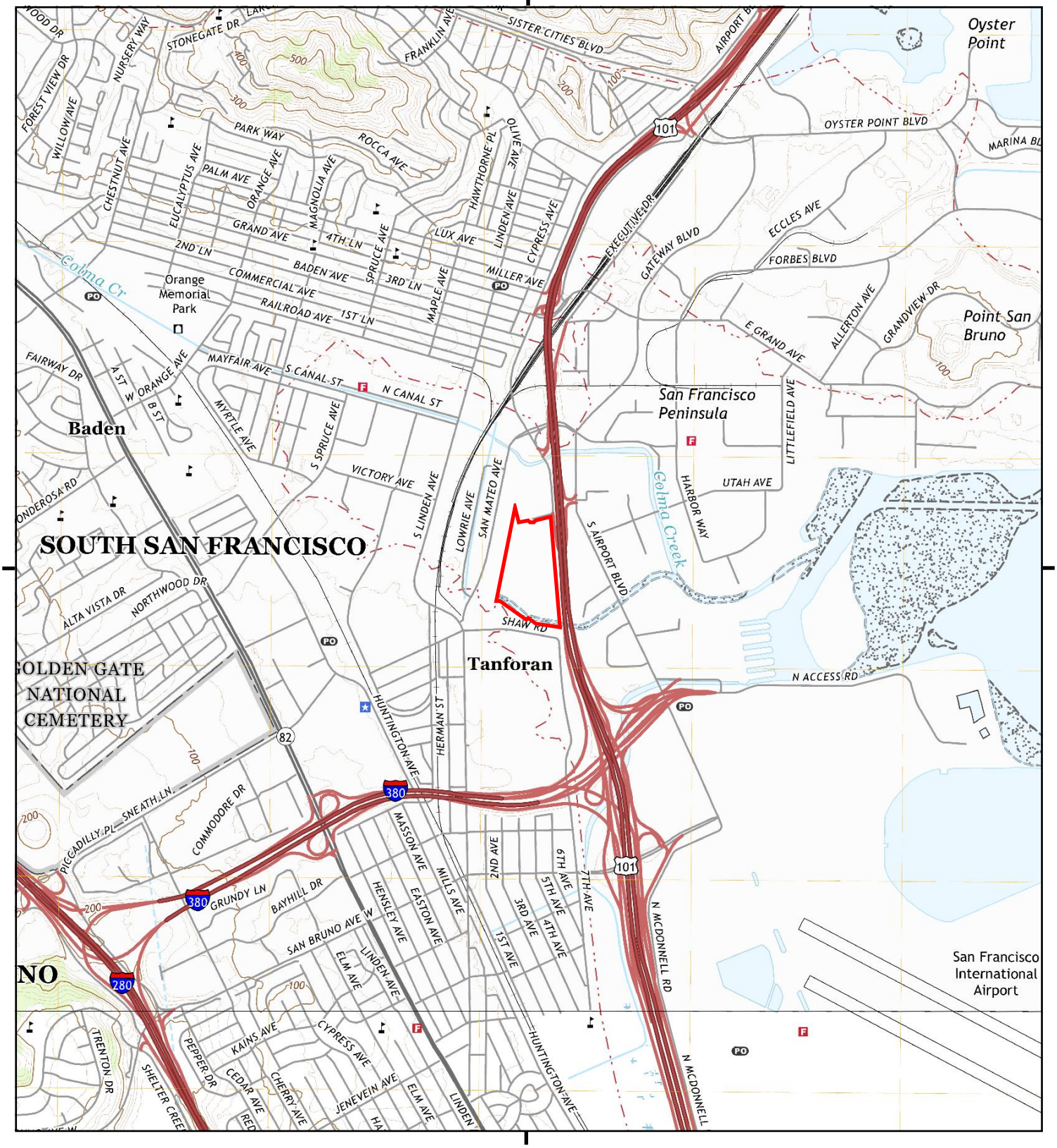
San Mateo
1899
15-minute, 62500

1896 Source Sheets

San Mateo
1896
15-minute, 62500

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

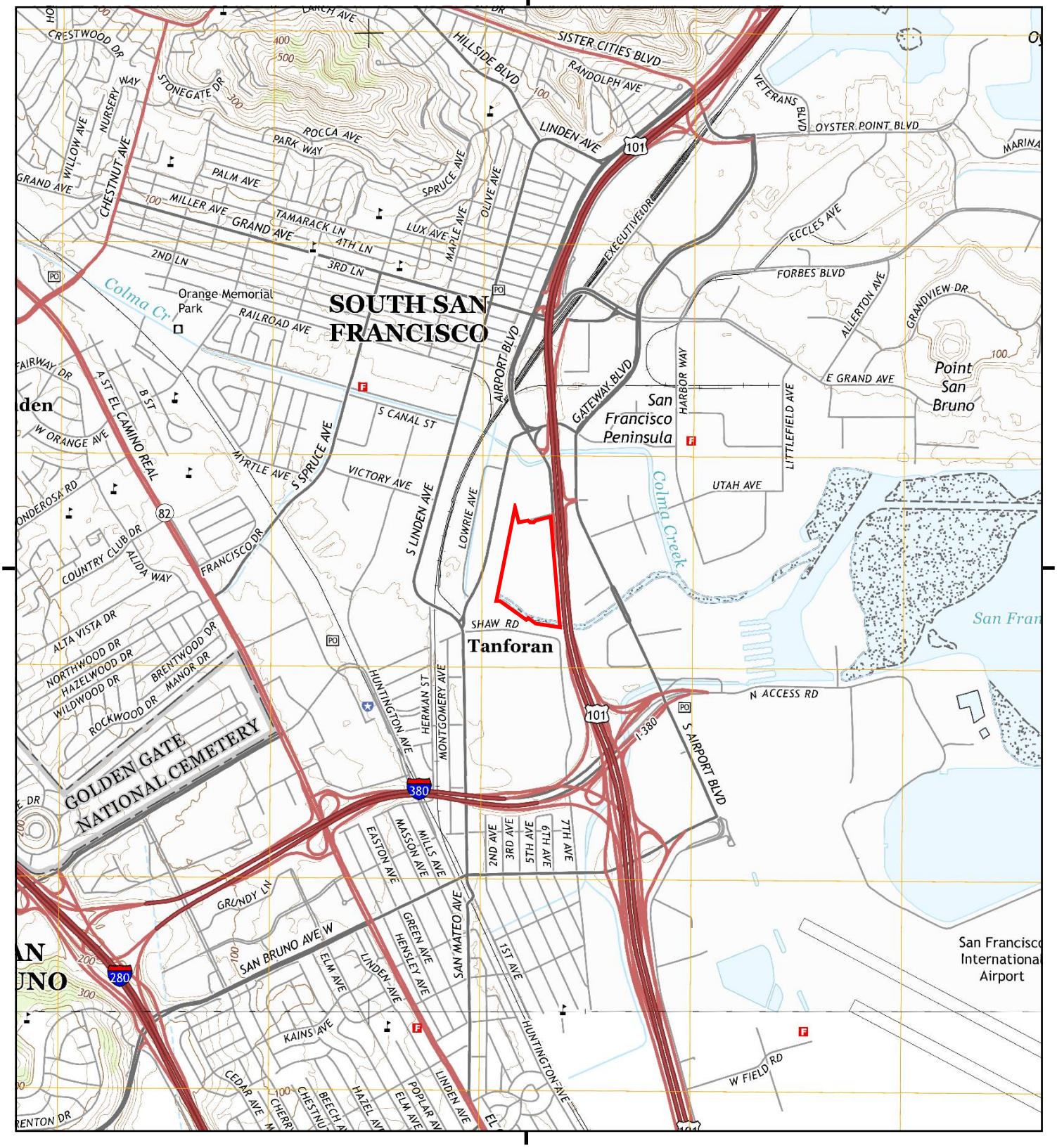
TP, San Francisco South, 2018, 7.5-minute
S, Montara Mountain, 2018, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

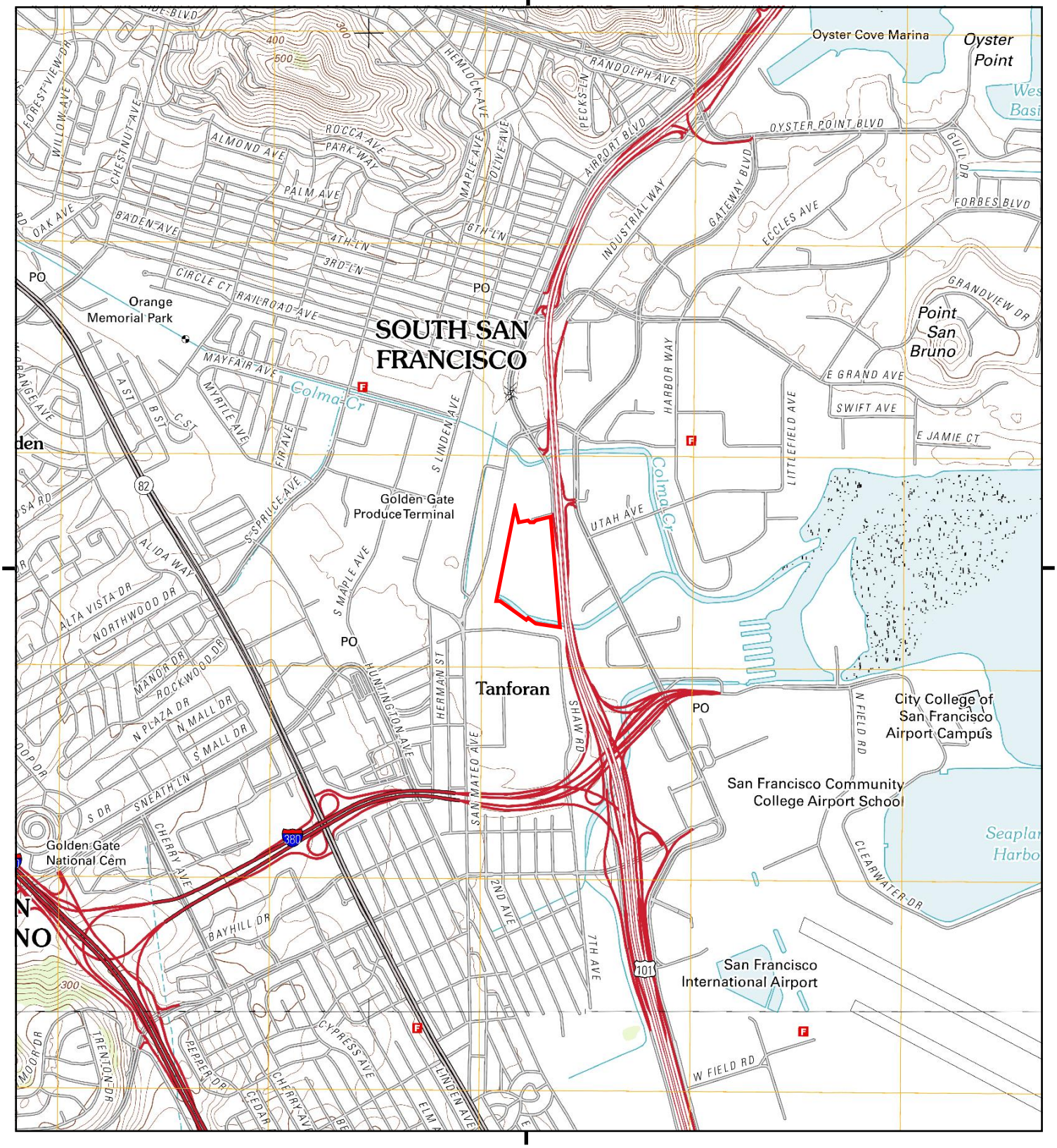
TP, San Francisco South, 2015, 7.5-minute
S, Montara Mountain, 2015, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

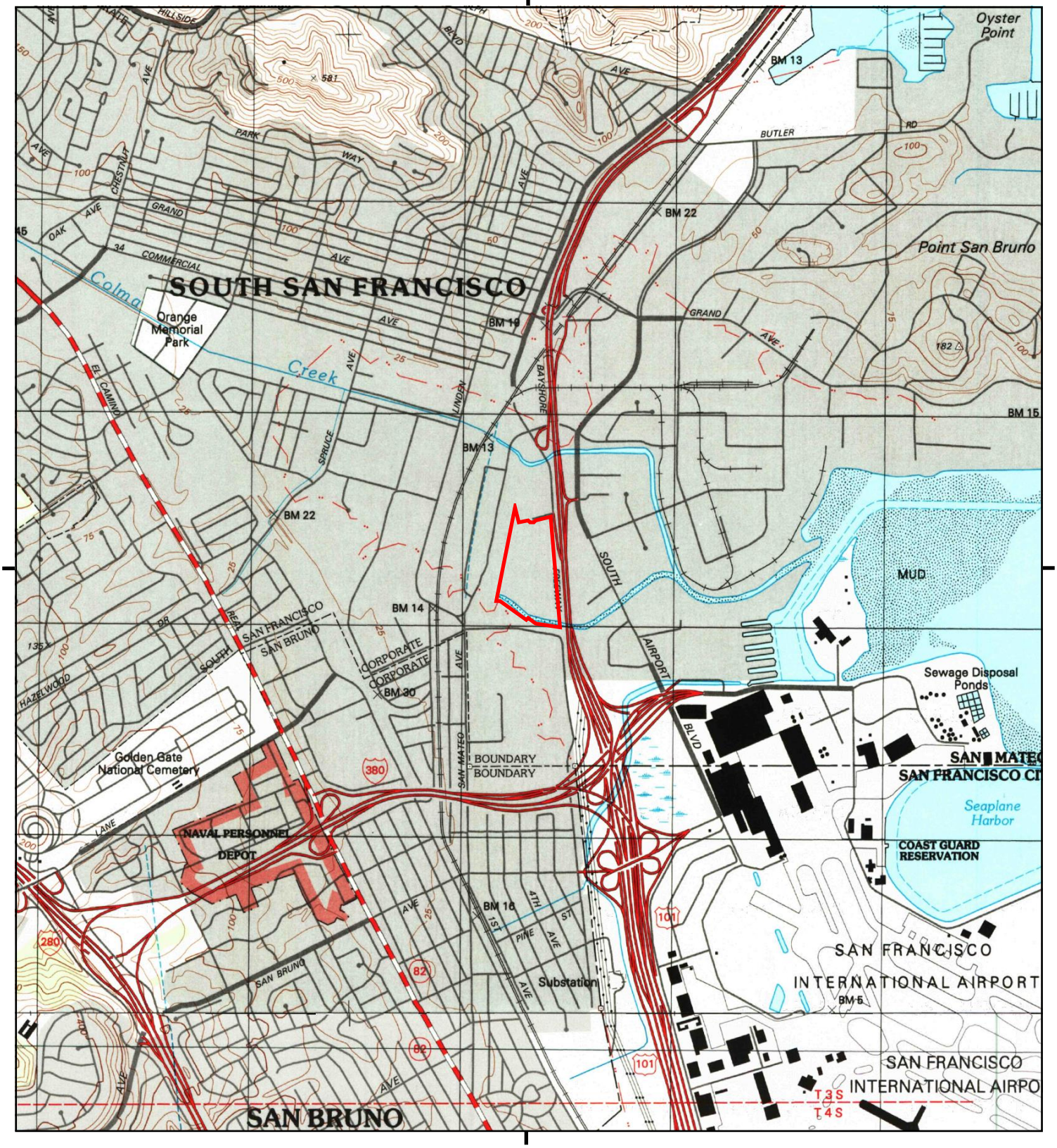
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 2012, 7.5-minute
S, Montara Mountain, 2012, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1996, 7.5-minute
S, Montara Mountain, 1996, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1995, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N

Historical Topo Map

1980

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1980, 7.5-minute
S, Montara Mountain, 1980, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N

This report includes information from the following map sheet(s).

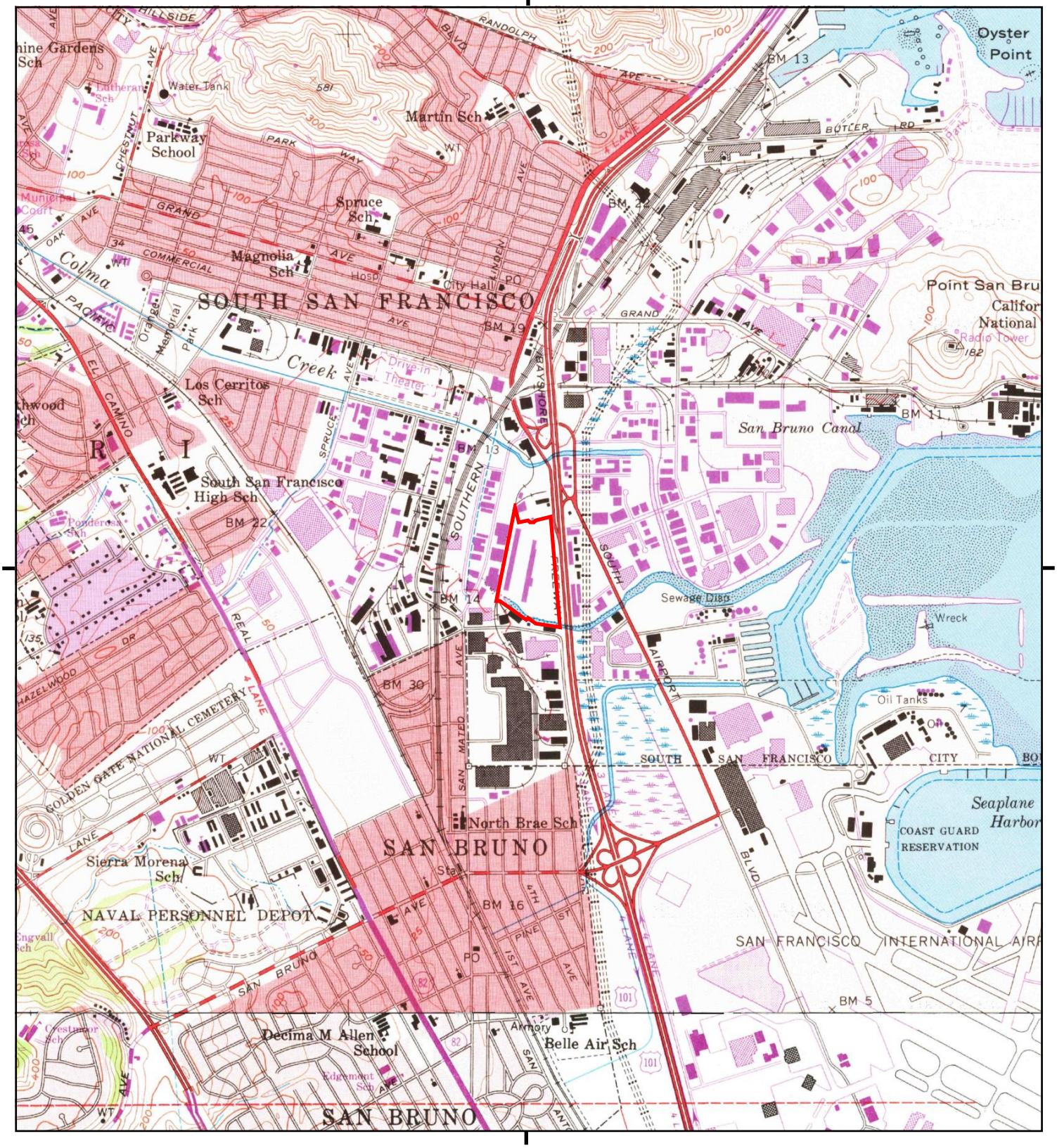
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1973, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N



This report includes information from the following map sheet(s).

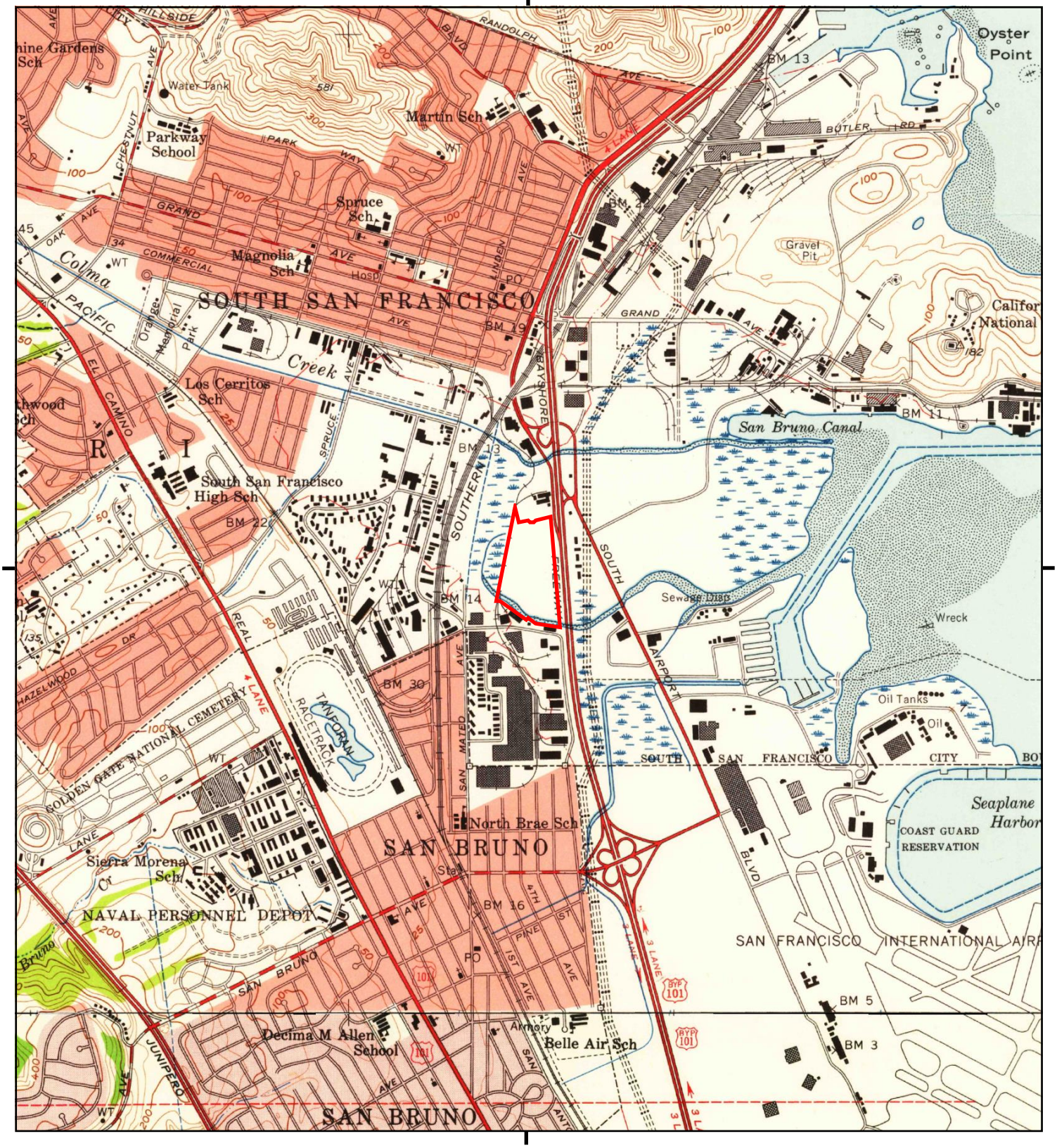
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1968, 7.5-minute
S, Montara Mountain, 1968, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N



This report includes information from the following map sheet(s).

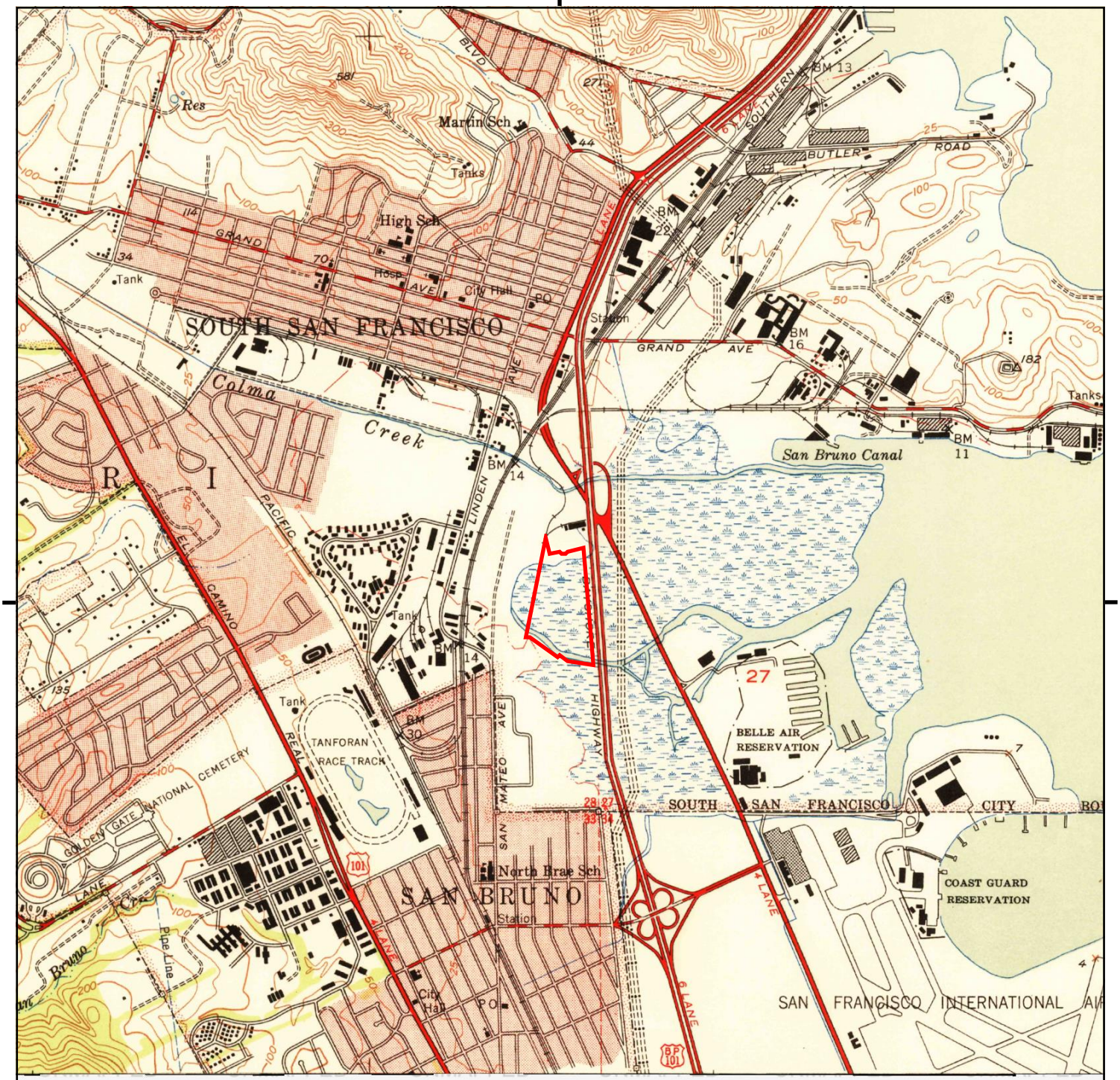
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1956, 7.5-minute
S, Montara Mountain, 1956, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N



This report includes information from the following map sheet(s).

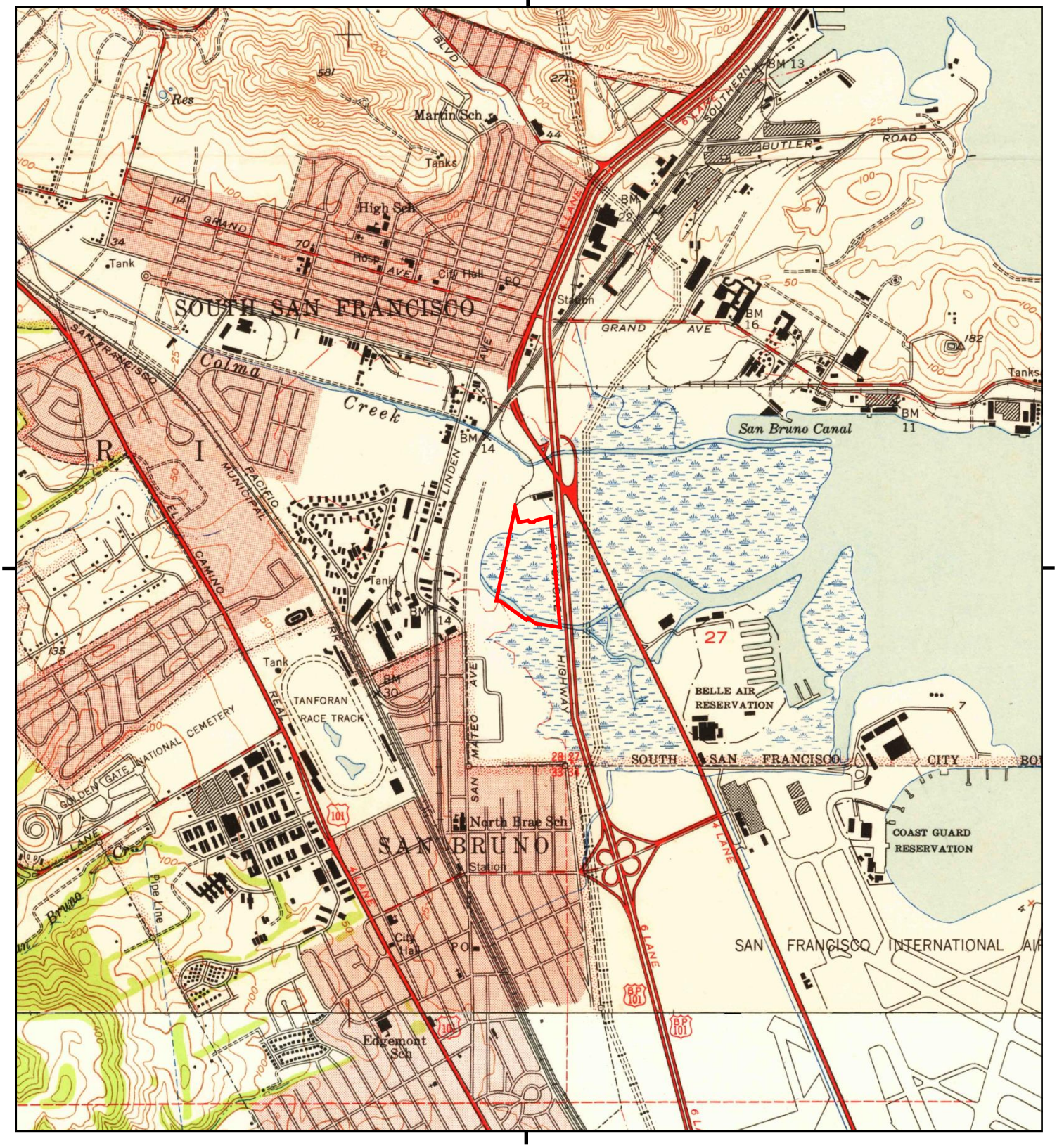
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1950, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N



This report includes information from the following map sheet(s).

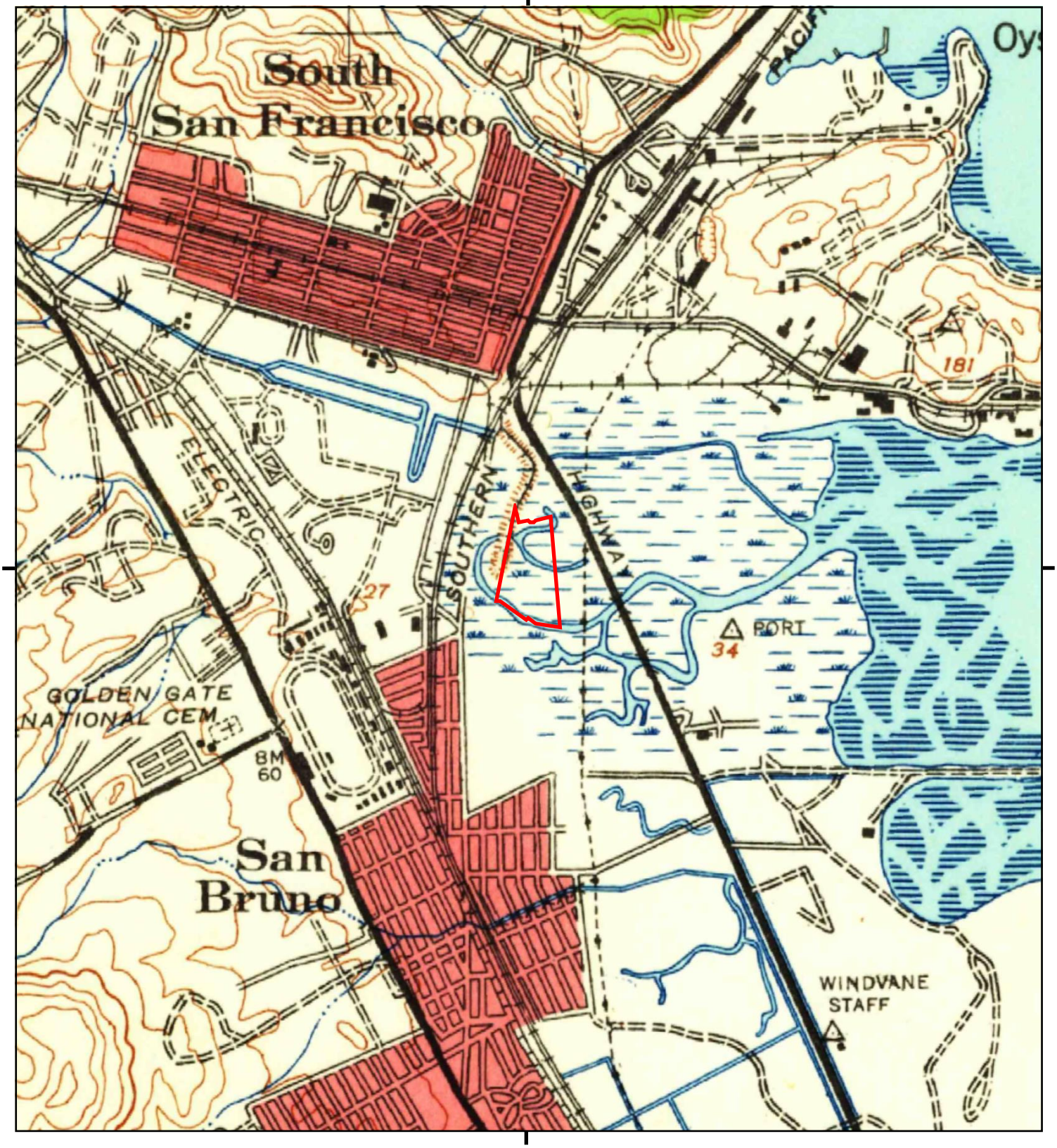
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1947, 7.5-minute
S, Montara Mountain, 1949, 7.5-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N



This report includes information from the following map sheet(s).

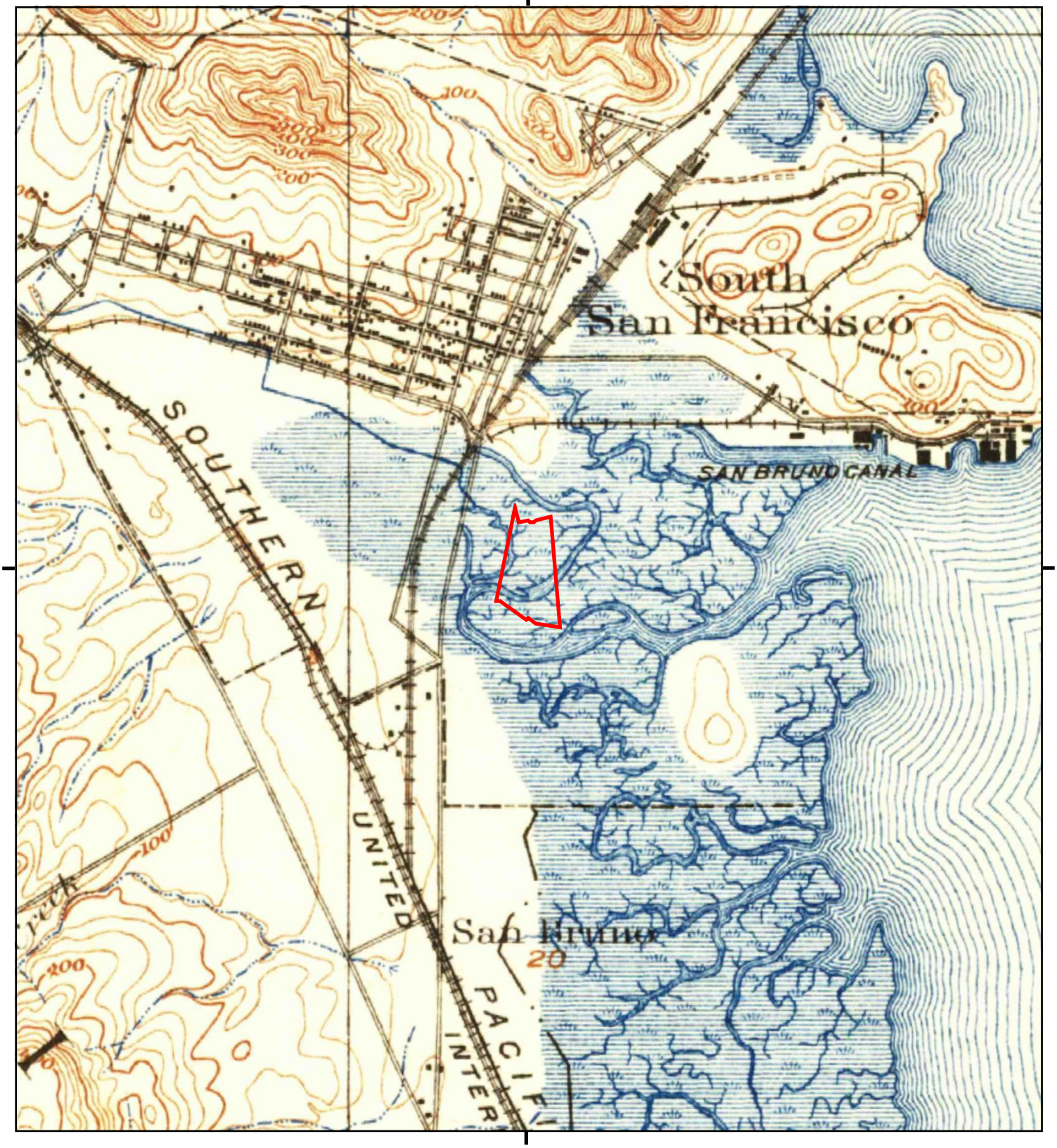
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1939, 15-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N



This report includes information from the following map sheet(s).

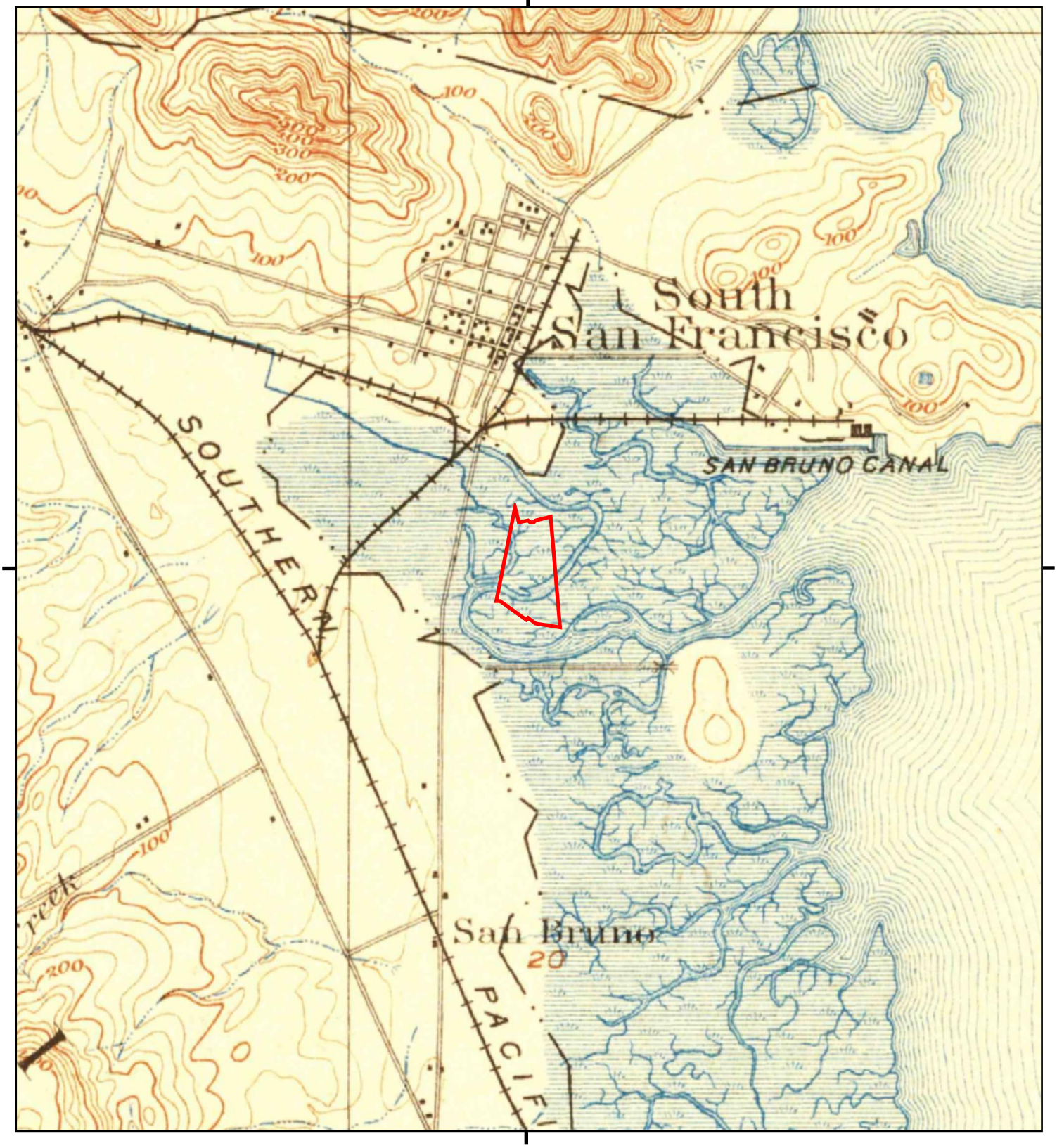
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1915, 15-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N



This report includes information from the following map sheet(s).

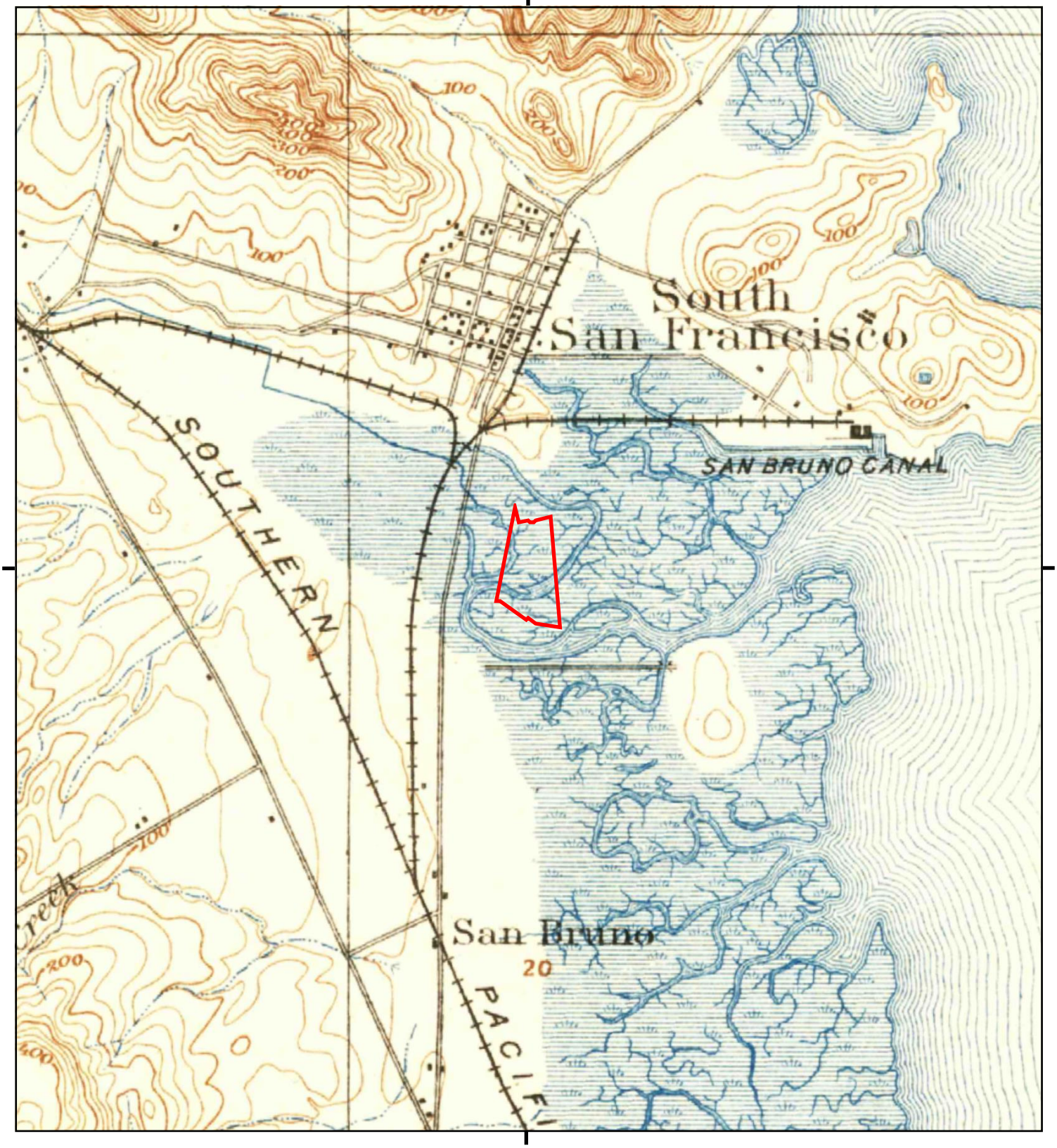
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1899, 15-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1896, 15-minute

SITE NAME: 101-131 Terminal Court
ADDRESS: 101 Terminal Court
South San Francisco, CA 94080
CLIENT: Haley & Aldrich, Inc.

N

101-131 Terminal Court

101 Terminal Court

South San Francisco, CA 94080

Inquiry Number: 6884057.11

March 03, 2022

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

03/03/22

Site Name:

101-131 Terminal Court
101 Terminal Court
South San Francisco, CA 9408
EDR Inquiry # 6884057.11

Client Name:

Haley & Aldrich, Inc.
2033 N. Main Street
Walnut Creek, CA 94596
Contact: Marie Rose Javier

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Search Results:

Year	*Scale*	*Details*	*Source*
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Flight Date: September 06, 1998	USDA
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: August 16, 1982	USDA
1974	1"=500'	Flight Date: June 26, 1974	USGS
1968	1"=500'	Flight Date: April 18, 1968	USGS
1963	1"=500'	Flight Date: July 09, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: September 08, 1956	USGS
1946	1"=500'	Flight Date: July 29, 1946	USGS
1943	1"=500'	Flight Date: October 11, 1943	USDA

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INQUIRY #: 6884057.11
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 6884057.11
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 6884057.11
YEAR: 2009
= 500'
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EDR

INQUIRY #: 6884057.11
YEAR: 2006
= 500'
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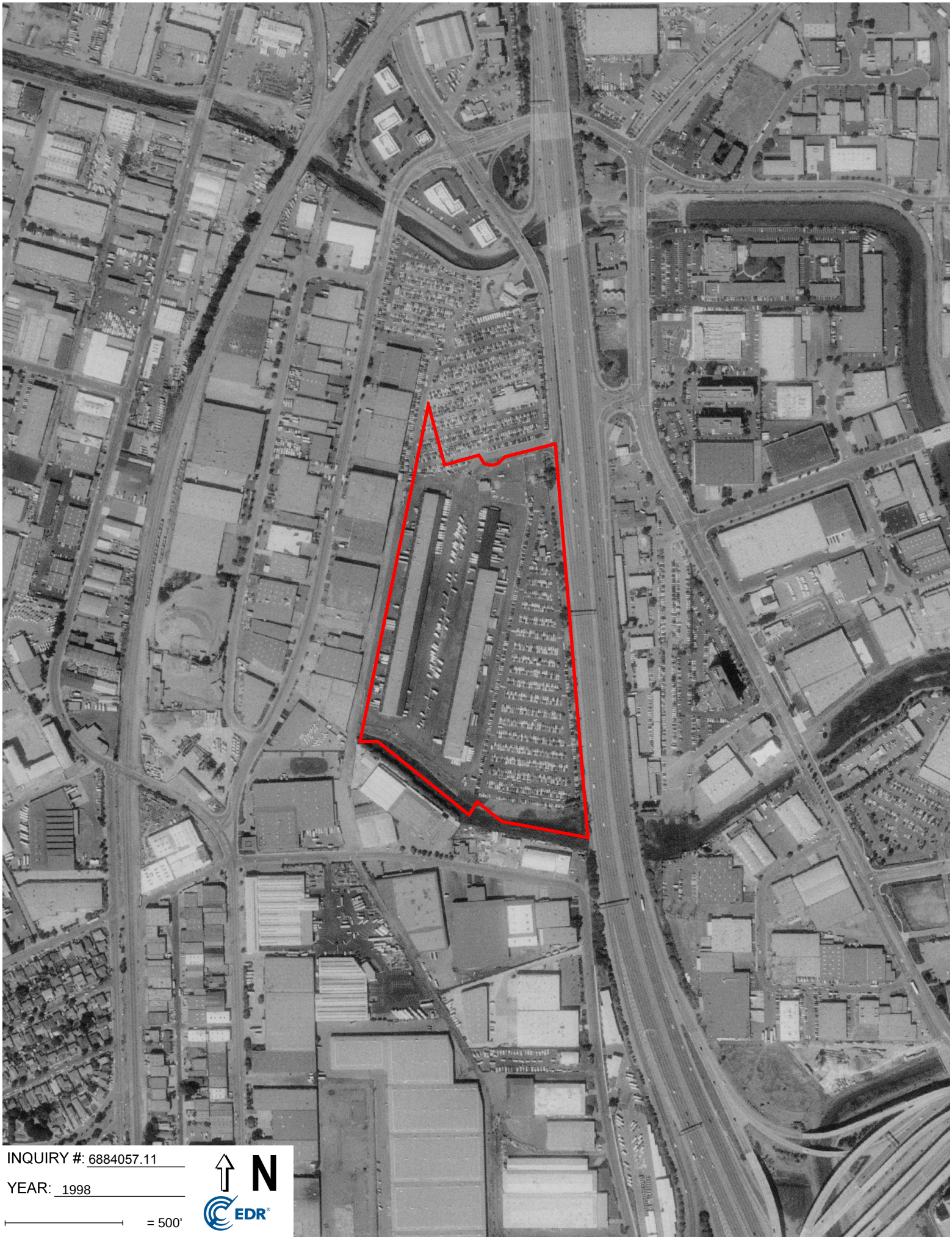
EDR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YEAR: 1998
= 500'
N
EDR

INQUIRY #: 6884057.11
YEAR: 1993
= 500'
N
EDR

INQUIRY #: 6884057.11
YEAR: 1982
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EDR

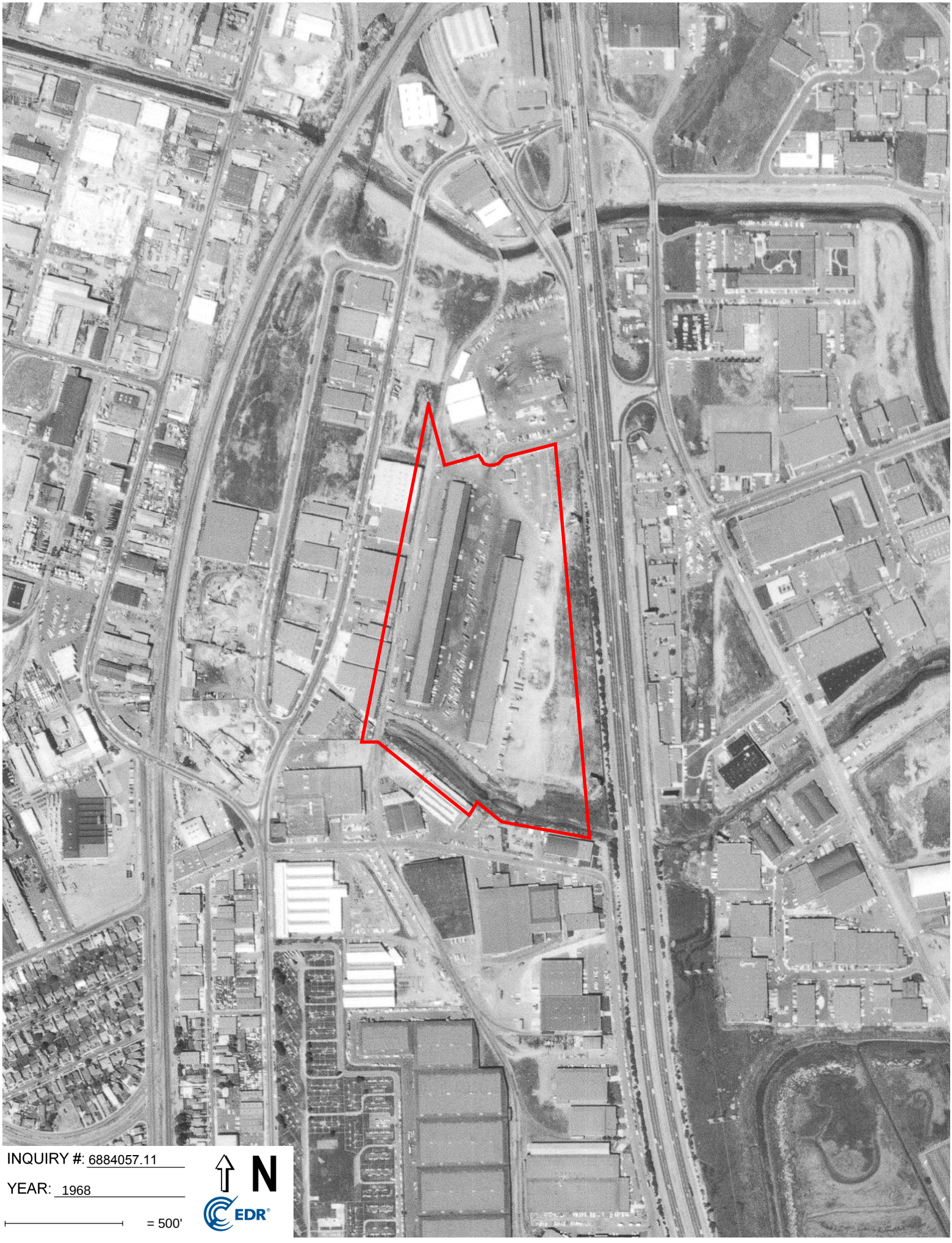
INQUIRY #: 6884057.11

YEAR: 1974

= 500'

N

EDR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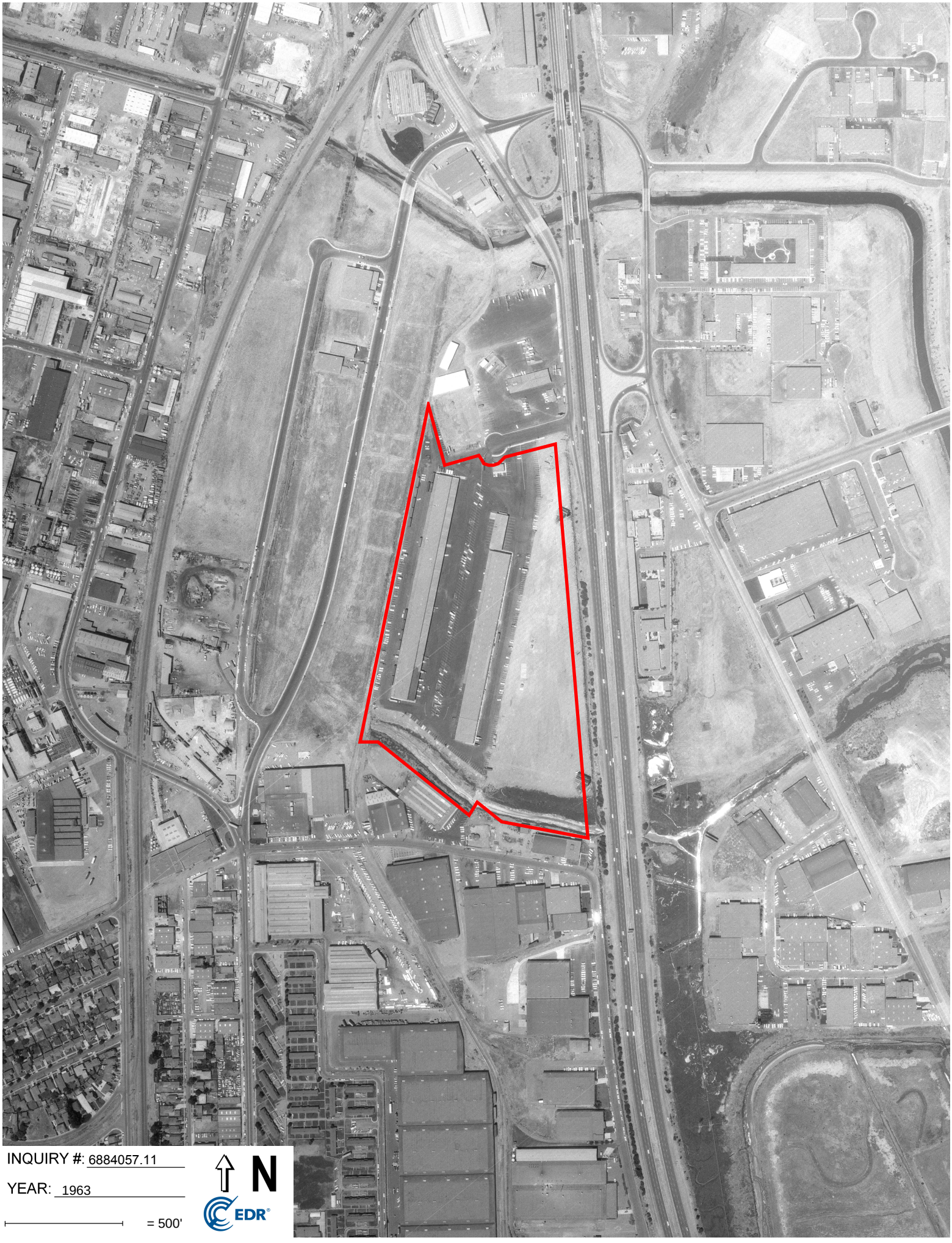
EDR



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YEAR: 1963

= 500'

N

EDR

INQUIRY #: 6884057.11
YEAR: 1956
= 500'
N
EDR

INQUIRY #: 6884057.11
YEAR: 1946
= 500'
N
EDR

INQUIRY #: 6884057.11

YEAR: 1943

= 500'

N

EDR

101-131 Terminal Court
101 Terminal Court
South San Francisco, CA 94080

Inquiry Number: 6884057.5
March 08, 2022

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1986	☑	☐	HAINES AND COMPANY
1981	☑	☐	HAINES AND COMPANY
1976	☑	☐	HAINES AND COMPANY
1970	☑	☐	HAINES AND COMPANY

FINDINGS

TARGET PROPERTY STREET

101 Terminal Court
South San Francisco, CA 94080

Year	*CD Image*	*Source*
TERMINAL CT		
2017	pg A1	EDR Digital Archive
2014	pg A2	EDR Digital Archive
2010	pg A3	EDR Digital Archive
2005	pg A4	EDR Digital Archive
2000	pg A5	EDR Digital Archive
1995	pg A6	EDR Digital Archive
1992	pg A7	EDR Digital Archive
1986	pg A8	HAINES AND COMPANY
1981	pg A10	HAINES AND COMPANY
1981	pg A9	HAINES AND COMPANY
1976	pg A11	HAINES AND COMPANY
1970	pg A12	HAINES AND COMPANY

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TERMINAL CT 2017

125	BAY AREA HERBS & SPECIALTIES
	BROTHERS PRODUCE
	BRUNOS QUALITY PRODUCE
	CARCIONES FRESH PRODUCE
	FRANZELLA PRODUCE INC
	J V PRODUCE
	T M SUMMIT INC
131	A & B PRODUCE INC
	BERKELEY BOWL
	BROTHERS PRODUCE OFFICE
	CAL BEST SPECIALITIES BOOKKEEPING
	CALI FRESH PRODUCE SF INC
	CB EDULIS
	COAST CITRUS DISTRIBUTORS
	DM DISTRIBUTOR INC
	EARTHQUAKE PRODUCE
	FRANZELLA DISTRIBUTING
	FRIEDLIN & ASSOCIATES INC
	GOLDEN GATE PRODUCE TERMINAL
	J GOMEZ PRODUCE INC
	PETRA PRODUCE
	PRODUCE FRESH LINE
	RIGOS PRODUCE
	SHASTA PRODUCE CO
	TWIN PEAKS DISTRIBUTING INC
	UNITED PRODUCE
155	BANNER FRUIT CO
	BAY AREA HERBS & SPECIALTIES
	CALI FRESH PRODUCE SF INC
	HOGANS CAFE
	RIGOS PRODUCE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TERMINAL CT 2014

101	PARK N FLY
125	BROTHERS PRODUCE
	BRUNOS QUALITY PRODUCE
	CARCIONE FRESH PRODUCE
	FRANZELLA PRODUCE INC
	J V PRODUCE
	T M SUMMIT INC
131	A & A PRODUCE INC
	A & B PRODUCE INC
	BERKELEY BOWL
	CAL BEST SPECIALITIES BOOKKEEPING
	CB EDULIS
	COAST CITRUS DISTRIBUTORS
	DM DISTRIBUTOR INC
	EARTHQUAKE PRODUCE
	FRIEDLIN & ASSOCIATES INC
	GOLDEN GATE PRODUCE TERMINAL
	GRANZELLA DISTRIBUTING
	J GOMEZ PRODUCE INC
	PETRA PRODUCE
	SHASTA PRODUCE CO
	TWIN PEAKS DISTRIBUTING INC
	UNITED PRODUCE
155	BANNER FRUIT CO
	BAY AREA HERBS & SPECIALTIES
	CALI FRESH PRODUCE SF INC
	HOGANS CAFE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TERMINAL CT 2010

101	PARK N FLY
125	A & B PRODUCE INC
	BAY AREA HERBS & SPECIALTIES
	BROTHERS PRODUCE
	BRUNOS QUALITY PRODUCE
	FRANZELLA PRODUCE INC
	P Y PRODUCE
	PACIFIC BASIN PRODUCE INC
	SHAMROCK PRODUCE CO
	T M SUMMIT INC
131	A & A PRODUCE INC
	BERKELEY BOWL
	C B EDULIS INC
	CABELLO PRODUCE
	CAL BEST SPECIALITIES
	COAST CITRUS DISTRIBUTORS
	COAST TROPICAL
	D M DISTR INC
	EARTHQUAKE PRODUCE
	FRANZELLA DISTRIBUTING
	FRIEDLIN & ASSOC INC
	GOLDEN GATE PRODUCE TERMINAL
	J GOMEZ PRODUCE INC
	PETRA PRODUCE
	PICAZO PALLETS
	RIGOS PRODUCE
	SHASTA PRODUCE CO
	TWIN PEAKS DISTRIBUTING INC
	UNITED PRODUCE
155	ACTION PRODUCE INC
	BANNER FRUIT CO
	FRESH POINT SAN FRANCISCO
	HOGANS CAFE
	J C CHEYNE & CO
	SEQUOIA SALES

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TERMINAL CT 2005

101	PARK N FLY INC
123	HOGANS CAFE
	HOGANS CAFI
125	BROTHERS PRODUCE
	CARCIONES FRESH PRODUCE
	COOSEMANS SF INC
	FRANZELLA PRODUCE INC
	HOGANS CAFE
	SHAMROCK PRODUCE CO
131	A & B PRODUCE
	BERKELEY BOWL
	COAST CITRUS DISTRIBUTORS
	DICKERSON W M CO
	EARTHQUAKE PRODUCE
	EFRENS PRODUCE
	FRANZELLA DISTRIBUTING
	FRIEDLIN & ASSOCIATES INC
	GOLDEN GATE PRODUCE TERMINAL
	GOLDEN STATE PRODUCE
	JC KITCHEN
	L L & L INC
	MARINA PRODUCE INC
	REY & REY PRODUCE INC
	SOUTH CITY PALLET LLC
	T M SUMMIT INC
	TWIN PEAKS DISTRIBUTORS INC
155	BANNER FRUIT CO
	DISHO, ANVER
	GOLDEN GATE PRODUCE
	JC CHEYNE CO INC
	REY & REY PRODUCE INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TERMINAL CT 2000

125	A & Q PRODUCE
	BAY AREA HERBS & SPECIALTIES
	BROTHERS PRODUCE
	COOSEMANS SF INCORPORATED
	FRANZELLA PRODUCE INCORPORATED
	P Y PRODUCE
	SHAMROCK PRODUCE COMPANY
131	A & A PRODUCE INCORPORATED
	A & B PRODUCE INCORPORATED
	CAL BEST SPECIALITIES BOOKKEEPING
	CAL HAWAII EXCHANGE INCORPORATED
	CARCIONES ORGANICS
	CITY VEG SALES
	EARTHQUAKE PRODUCE
	FRANZELLA DISTRIBUTING
	FRIEDLIN & ASSOCIATES INCORPORATED
	GOLDEN GATE PRODUCE TERMINA
	PICAZO PALLETS
	SHASTA PRODUCE COMPANY
	TWIN PEAKS DISTRIBUTORS
155	BANNER FRUIT COMPANY
	CHEYNE J C & COMPANY
	GOLDEN STATE PRODUCE INCORPORATED
	HOGANS CAFE
	MARINA PRODUCE
	MARION J & SONS PRODUCE
	SHORE LINES
	VANGUARD POTATOES & ONIONS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TERMINAL CT 1995

101	PARK N FLY
120	GENERAL RENT A CAR
125	A & B PRODUCE & EGGS
	A & Q PRODUCE
	CAL HAWAII EXCHANGE INC
	FRANZELLA PRODUCE INC
	L L & L INC
	SHAMROCK PRODUCE CO
131	A & A PRODUCE INC
	CAL ATLANTIC TRANSPORTATION
	FLORIMEX
	FRANZELLA DISTRIBUTING
	FRANZELLA PRODUCE INC
	FRIEDLIN & ASSOC INC
	GOLDEN GATE PRODUCE TERMINAL
	LEE RAY TARANTINO
	PICAZO PALLETS
	SUMMIT PRODUCE INC
	SUNSET PRODUCE CO
	SUPREME PRODUCE INC
155	A & J PRODUCE EXPORT CO
	BANNER FRUIT CO
	DISTINCTIVE GOURMET
	GOLDEN STATE PRODUCE INC
	HOGANS CAFE
	J MARION & SONS PRODUCE
	MARINA PRODUCE
	MIX PRODUCE SALES
	SHORE LINE
	VANGUARD POTATOES & ONIONS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TERMINAL CT 1992

101	PARK N FLY
120	GENL RENT A CAR
125	A&Q PRODUCE
	CAL HI EXCHANGE INC
	FRANZELLA DISTRBTNG
	L L&L INC
	SHAMROCK PRODUCE CO
	SHASTA PRODUCE CO
	WARD PRODUCE
131	A&A PRODUCE INC
	CAL ATLANTIC TRANS
	CARCIONES PRODUCE
	FLORIMEX L A INC
	FRIEDLIN&ASCTS INC
	GOLDEN GT PRODUCE
	L L&L INC
	PICAZO PALLETS
	PICAZO, PALLETS
	SUNSET PRODUCE CO
	SUPREME PRODUCE INC
155	A&J PRODUCE EXPT CO
	BANNER FRUIT CO
	CHEYNE J C&CO
	DISTINCTIVE GOURMET
	GOLDEN ST PRODUCE
	HOGANS CAFE
	MARINA PRODUCE
	SHORE LINES
	VANGUARD POTATOES

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

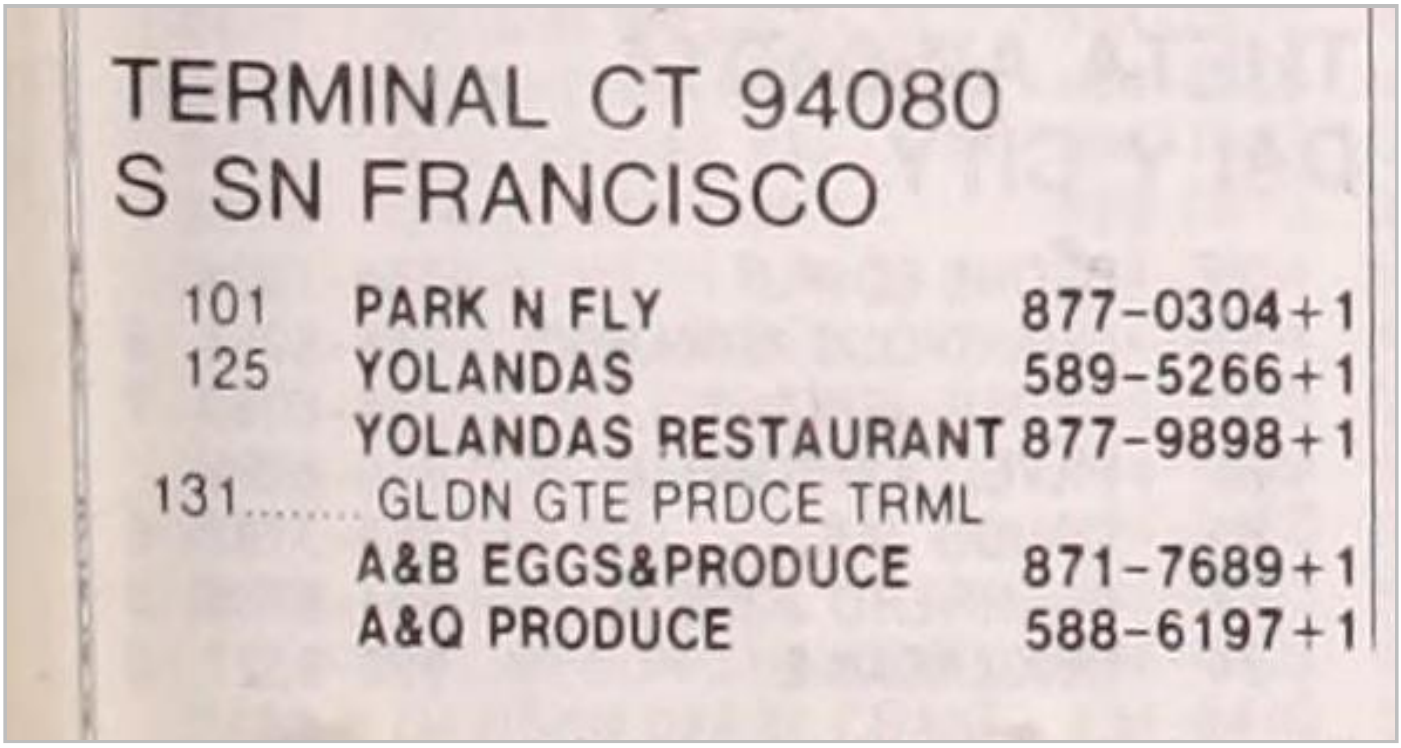
TERMINAL CT 1986

TERMINAL CT 94080
S SN FRANCISCO

101	PARK N FLY	877-0304	1
125	GOLDEN GATE PRODUCE	583-2293	5
131.....	GLDN GTE PRDCE TRML		
	A&B EGGS&PRODUCE	871-7689	2
	A&Q PRODUCE	588-6197	2
	BANANA KING LOUIE	583-7711	5
	BAY HILL DISTRIBTRS	589-8221	4
	BOBS PRODUCE	583-0960	4
	BRICE BROS PRODUCE	583-4739	2
	CAL HAWAII EXCHG	952-1290	5
	CALA FOODS INC	583-6234	2
	CARCIONE J GROCER	583-0319	2
	CRESCENT PRODUCE CO	871-7053	2
	EVERYBODYS PRODUCE	588-8242	+6
	FRANZELLA PRODUCE	588-0760	2
	FRESH PRODUCE	583-8989	2
	FUJII MELONS INC	588-1572	+6
	GOLDEN GT PRO TRMNL	583-4886	
	GOLDEN ST PRODUCE	873-9432	2
	GREEN GROCER	583-0319	2
	J C SALES COMPANY	589-8355	5
	J C SALES COMPANY	589-8358	5
	JAYS PRICING	589-8221	5
	JOE MONTE PRODUCE	872-2020	3
	JOO K DISTRIBUTORS	589-5676	3
	LATIN AMER FRSH FDS	873-3454	2
	MARINA PRODUCE	583-7508	3
	MARION J&SONS PRDCE	588-8911	3
	PIPIA BANNER FRUIT	583-4314	3
	ROBINSON C H CO	877-0755	2
	ROBINSON C H CO	877-0790	2
	SANMTO PRODUCE CO	588-8256	2
	SHAMROCK PRODUCE CO	583-2982	2
	SUPREME PRODUCE INC	583-5722	2
	SUPREME PRODUCE INC	583-9952	2
	TAVILLA SALES CO	873-0412	7
	VANGUARD POTATOES	952-0998	1
	WARD PRODUCE	871-7689	4
131.....			
150	XXXX	00	
155	CALAVO GROWERS	583-2616	+6
	CHEYNE J C&CO	588-8556	
★	39 BUS 1 RES	3 NEW	

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

TERMINAL CT 1981



TERMINAL CT 94080
S SN FRANCISCO

101	PARK N FLY	877-0304+1
125	YOLANDAS	589-5266+1
	YOLANDAS RESTAURANT	877-9898+1
131	GLDN GTE PRDCE TRML	
	A&B EGGS&PRODUCE	871-7689+1
	A&Q PRODUCE	588-6197+1

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

TERMINAL CT 1981

..TERMINAL CT 94080 CONT..

	BANANA KING LOUIE	583-7711+1
	BARON PRODUCE CO	588-5225+1
	BOBS PRODUCE	761-6804+1
	BRICE BROS PRODUCE	583-4739+1
	CALA FOODS INC	583-6234+1
	CARCIONE JOE GROCER	583-0319+1
	CRESCENT PRODUCE CO	871-7053+1
	DISTRIBUTN SHIPPING	952-9488+1
	FRANZELLA PRODUCE	588-0760+1
	FRESH PRODUCE&COZZO	583-8989+1
	GOLDEN GT PRODUCE	583-4886 2
	GOLDEN ST PRODUCE	873-9432+1
	GREEN GROCER	583-0319+1
	HALL JAS A&CO	761-1186+1
	JAYS PRICING SUPPLY	589-8221+1
	MARINA PRODUCE	583-7508+1
	MARION J&SONS WHLSL	588-8911+1
	PIPIA BANNER FRUIT	583-4314+1
	ROBINSON C H CO	877-0755+1
	ROBINSON C H CO	877-0790+1
	SHAMROCK PRODUCE CO	583-2982+1
	SMTO PRODUCE CO	588-8256+1
	SUMMIT PRODUCE INC	871-6590+1
	SUNSET PRODUCE CO	761-1022+1
	SUNSET PRODUCE CO	761-0300+1
	SUPREME PRODUCE INC	583-9952+1
	SUPREME PRODUCE INC	583-5722+1
	TAVILLA SALES CO	873-0412 7
	VANGUARD POTATOES	952-0998+1
131.....		
150	XXXX	00
155	CHEYNE J C&CO	588-8556
★	35 BUS 1 RES	32 NEW

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

TERMINAL CT 1976

TERMINAL CT 94080 S SAN FRANCISCO

101*PARK N FLY 589-0505 2
125*YOLANDAS 589-1161 5
131....GLDN GTE PRDCE TRML
*A&B EGGS&PRODUCE 871-7689 4
*BANANA KING LOUIE 761-6456+6
*BANNER FRUIT CO 583-4314 5
*BERTIS PRODUCE CO 761-3703+6
*BRICE BROS PRODUCE 761-0385+6
*CARCIONE JOE GROCER 583-0319 4
*COMMISSION MKT 280 588-7445 5
*CRESCENT PRODUCE CO 871-7053+6
*EARLS PRODUCE 583-0122 4
*FARMERS PRODUCE 588-3534 5
*FRANZELLA PRODUCE 761-1143+6
*FRESH PRODUCE CO 583-8989
*GOLDEN GATE BROKERG 588-3057
*GOLDEN GATE PRODUCE 583-4886+6
*GOLDEN ST PRODUCE 583-4950 4
*GOLDEN STATE PRODCE 761-2947 3
*GOLDN GTE PRD TRMNL 583-4886 2
*GREEN GROCER 583-0319 4
*HALL JAS A&CO 761-1186 2
*HLEBAKOS FRANK&SONS 873-6947 5
*JAYS PRICING SUPPLY 589-8221 3
*LEVY A&ZENTER J CO 589-7155
*LEVY A&ZENTNER J CO 589-2072 3
*LITTLEMAN STORES 583-6234 2
*MARINA PRODUCE 583-7508
*PESTO SAUCE SPECLTS 589-4930+6
*SAN MATEO PRODUCE 588-8256
*SHAMROCK PRODUCE CO 589-9281 4
*SHORE LINES 589-5063+6
*SUMMIT PRODUCE INC 871-6590+6
*SUNSET PRODUCE CO 761-1022 3
*TIP TOP PRODUCE 588-3057
131.....
155*CHEYNE J C&CO 588-8556
* 35 BUS 0 RES 9 NEW

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

TERMINAL CT 1970

TERMINAL CT 94080 S SN FRANCISCO

125 *YOLANDAS CAFE&CCKTL 589-1161
131 GLDN GTE PRDCE TRML
*ANDYS PRODUCE MKTS 583-1507
*BERTI PRODUCE CO 761-0293
*BOZZINI FRANK 588-7814
*BRICE BROS PRODUCE 761-0385
*BRICE BROS PRODUCE 583-4739
*COMMSN MKT DRVR 280 588-7445
*CRESCENT PRODUCE CO 761-4208
*CRESCENT PRODUCE CO 871-7053
*FRESH PRODUCE CO 583-8989
*GOLDEN GATE BROKERG 588-3057
*GOLDN GT PRDC TERM 583-4886
*GOLDEN STATE PRODCE 583-4950
*GOLDEN ST PRODUCE 761-2947
*HALL JAMES A&CO 761-1186
*LEE RAY TARANTINO 761-2854
*LEVY A&ZENTER J CO 589-7155
*LITTCEMAN STORES 583-6234
*MARINA PRODUCE 583-7508
*MURPHY E L TRUCKING 589-3391
*NUTTER E J 583-0122
*PASSANTINO PRODUCE 761-2786
*PIPIA PRODUCE 583-4314
*RAPIDAIR FREIGHT 583-4710
*SAN MATEO PRODUCE 588-8256
*SCATENA GALLI FRUIT 583-9270
*SOUTH CITY PRODUCE 871-7838
*STANDARD FRUIT CO 871-9880
*STNRD FRUIT&STMSHP 589-9125
*SUMMIT PRODUCE INC 761-4650
*SUMMIT PRODUCE INC 871-6590
*SUNSET PRODUCE CO 761-1022
*TIP TOP PRODUCE 588-3057
*TONYS RESTAURANT 583-9506
*ZUCCA PRODUCE 583-6096
155 *CHEYNE J C&CO 588-8556
NO #*LEE RAY TARANTINO 583-6878
* 36 BUS 1 RES

101-131 Terminal Court
101 Terminal Court
South San Francisco, CA 94080

Inquiry Number: 6884057.8
March 03, 2022

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

About This Report

Executive Summary

Findings

Glossary

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Haley & Aldrich, Inc. on Mar 03, 2022.

TARGET PROPERTY

101 Terminal Court
South San Francisco, CA 94080

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

South San Francisco

Year	*Source*	*TP*	*Adjoining*
2022	City of South San Francisco, Building Division		
2021	City of South San Francisco, Building Division		X
2020	City of South San Francisco, Building Division		X
2019	City of South San Francisco, Building Division		X
	City of South San Francisco, Building Division	X	
2018	City of South San Francisco, Building Division		X
	City of South San Francisco, Building Division	X	
2017	City of South San Francisco, Building Division		X
	City of South San Francisco, Building Division	X	
2016	City of South San Francisco, Building Division		X
2015	City of South San Francisco, Building Division		X
	City of South San Francisco, Building Division	X	
2014	City of South San Francisco, Building Division		X
	City of South San Francisco, Building Division	X	
2013	City of South San Francisco, Building Division		X
	City of South San Francisco, Building Division	X	
2012	City of South San Francisco, Building Division		X
2011	City of South San Francisco, Building Division		X
	City of South San Francisco, Building Division	X	
2010	City of South San Francisco, Building Division		X
2009	City of South San Francisco, Building Division		X
2008	City of South San Francisco, Building Division		X
2007	City of South San Francisco, Building Division		X
2006	City of South San Francisco, Building Division		X
	City of South San Francisco, Building Division	X	
2005	City of South San Francisco, Building Division		X
	City of South San Francisco, Building Division	X	
2004	City of South San Francisco, Building Division		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
2003	City of South San Francisco, Building Division		X
2002	City of South San Francisco, Building Division	X	
2001	City of South San Francisco, Building Division		X
2000	City of South San Francisco, Building Division		
1999	City of South San Francisco, Building Division		
1998	City of South San Francisco, Building Division		
1997	City of South San Francisco, Building Division		
1996	City of South San Francisco, Building Division		
1995	City of South San Francisco, Building Division		
1994	City of South San Francisco, Building Division		
1993	City of South San Francisco, Building Division		
1992	City of South San Francisco, Building Division		
1991	City of South San Francisco, Building Division		
1990	City of South San Francisco, Building Division		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: South San Francisco
Years: 1990-2022
Source: City of South San Francisco, Building Division, SOUTH SAN FRANCISCO, CA
Phone: (650) 829-6670

Name: Redding
Years: 1926-2022
Source: City of Redding, Development Services, Building Division, REDDING, CA
Phone: 530-225-4014

Name: San Mateo County Unincorporated Area
Years: 1977-2022
Source: San Mateo County, Planning and Building Department, REDWOOD CITY, CA
Phone: (650) 363-4161

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

101 Terminal Court
South San Francisco, CA 94080

101 TERMINAL CT

Date:	**12/16/2019**
Permit Type:	**COMMERCIAL**
Description:	**structural support of light poles**
Permit Description:	
Work Class:	TENANT IMPROVEMENT
Proposed Use:	
Permit Number:	REV19-0344
Status:	BALANCE DUE
Valuation:	$0.00
Contractor Company:	
Contractor Name:	WACHTER INC

Date:	**7/30/2018**
Permit Type:	**COMMERCIAL**
Description:	**EV high spped chargers, (see notes)**
Permit Description:	
Work Class:	ELECTRICAL
Proposed Use:	
Permit Number:	B18-1102
Status:	PLAN CHECK
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

TARGET PROPERTY FINDINGS

Date: **11/8/2017**
Permit Type: **COMMERCIAL**
Description: **Replace light poles and fixtures**

Permit Description:
Work Class: ELECTRICAL
Proposed Use:
Permit Number: B17-1516
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **8/31/2017**
Permit Type: **COMMERCIAL**
Description: **Relocate 400amp main panel to new location**

Permit Description:
Work Class: ELECTRICAL
Proposed Use:
Permit Number: B17-1432
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/17/2015**
Permit Type: **COMMERCIAL**
Description: **TO: Plywood, Class A metal roof; cool rrof 14 sq**

Permit Description:
Work Class: REROOF
Proposed Use:
Permit Number: B15-2181
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

TARGET PROPERTY FINDINGS

Date: **11/5/2015**
Permit Type: **COMMERCIAL**
Description: **Replace (e) 400 amp main service in same location**

Permit Description:
Work Class: ELECTRICAL
Proposed Use:
Permit Number: B15-1898
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **10/15/2015**
Permit Type: **COMMERCIAL**
Description: **Installation of Digital Billboard**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B15-1587
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **10/14/2015**
Permit Type: **COMMERCIAL**
Description: **Service upgrade on existing billboard sign.**

Permit Description:
Work Class: ELECTRICAL
Proposed Use:
Permit Number: B15-1750
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

TARGET PROPERTY FINDINGS

Date: **1/23/2015**
Permit Type: **COMMERCIAL**
Description: **add**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: REV15-0010
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/2/2014**
Permit Type: **COMMERCIAL**
Description: **install 4 dual EV charger circuits**

Permit Description:
Work Class: ELECTRICAL
Proposed Use:
Permit Number: B14-1989
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/12/2013**
Permit Type: **COMMERCIAL**
Description: **struc mods to free standing sign structure**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B13-0845
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

TARGET PROPERTY FINDINGS

Date: **2/2/2011**
Permit Type:
Description: **Park n Fly - 2011 Annual Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F11-0244
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **7/25/2006**
Permit Type: **COMMERCIAL**
Description: **Repair damaged Lug on B phase of main panel**

Permit Description:
Work Class: ELECTRICAL
Proposed Use:
Permit Number: B06-1224
Status: FINALED
Valuation: $1,000.00
Contractor Company:
Contractor Name: Thornton Electric

Date: **11/16/2005**
Permit Type:
Description: **2005 Annual Fire Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-2050
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

TARGET PROPERTY FINDINGS

Date: **1/7/2005**
Permit Type: **COMMERCIAL**
Description: **Removal of underground tank & piping**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B05-0026
Status: EXPIRED
Valuation: $28,000.00
Contractor Company:
Contractor Name: Subsurface Environmental

Date: **7/25/2002**
Permit Type: **REROOF**
Description: **T/O built-up roof with gravel**

Permit Description:
Work Class: COMMERCIAL
Proposed Use:
Permit Number: B02-1574
Status: FINALED
Valuation: $3,000.00
Contractor Company:
Contractor Name: M.R. ROOFNG

Date:
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number:
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

PRODUCE AVE

160 PRODUCE AVE

Date:	**2/5/2021**
Permit Type:	**FIRE PREVENTION INSPECTION**
Description:	**Park 'N Fly 2021 Annual Business Inspection**
Permit Description:	
Work Class:	M OCCUPANCY
Proposed Use:	
Permit Number:	F21-0190
Status:	COMPLIANT
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**7/10/2019**
Permit Type:	**COMMERCIAL**
Description:	**ELEC: elec for tele comm antenna on (e) street pole**
Permit Description:	**ELECTRICAL**
Work Class:	TENANT IMPROVEMENT
Proposed Use:	
Permit Number:	B19-1085
Status:	PENDING
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	MODUS REX LLC

ADJOINING PROPERTY FINDINGS

Date: **7/19/2018**
Permit Type: **COMMERCIAL**
Description: **temporary trailer**

Permit Description:
Work Class: TRAILER
Proposed Use:
Permit Number: B18-1134
Status: PLAN CHECK
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **10/22/2014**
Permit Type: **COMMERCIAL**
Description: **accessible stall**

Permit Description:
Work Class: SITE WORK
Proposed Use:
Permit Number: REV14-0318
Status: READY TO ISSUE
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/23/2014**
Permit Type: **FIRE PROTECTION**
Description: **Fire Sprinkler Monitoring System**

Permit Description:
Work Class: ALARM
Proposed Use:
Permit Number: F14-1696
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/7/2014**
Permit Type: **NEWCOMMERCIAL**
Description: **new pre-fab office building**

Permit Description:
Work Class: OFFICE
Proposed Use:
Permit Number: B14-0914
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/26/2014**
Permit Type: **COMMERCIAL**
Description: **canopy and foundation for office building**

Permit Description:
Work Class: OFFICE
Proposed Use:
Permit Number: B14-0748
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/2/2014**
Permit Type: **FIRE PROTECTION**
Description: **remove and close one 500 Gallon heating oil ug storage tank**

Permit Description:
Work Class: OTHER FP EQUIPMENT
Proposed Use:
Permit Number: F14-1083
Status: READY TO ISSUE
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **4/24/2014**
Permit Type: **COMMERCIAL**
Description: **parking lot stripe, irrigation, landsscape**

Permit Description:
Work Class: SITE WORK
Proposed Use:
Permit Number: B12-2270
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **4/23/2014**
Permit Type: **FIRE PROTECTION**
Description: **FIRESPRINKLER Installation**

Permit Description:
Work Class: SPRINKLER
Proposed Use:
Permit Number: F14-0922
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **2/25/2014**
Permit Type: **COMMERCIAL**
Description: **Revise plan - long term airport parking lot**

Permit Description:
Work Class: REVISIONS
Proposed Use:
Permit Number: REV14-0081
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **2/4/2014**
Permit Type: **FIRE PROTECTION**
Description: **install fire line, no sprinklers.**

Permit Description:
Work Class: OTHER FP EQUIPMENT
Proposed Use:
Permit Number: F14-0314
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/10/2012**
Permit Type: **COMMERCIAL**
Description: **demo (e) wood & steel parking structure**

Permit Description:
Work Class: DEMO
Proposed Use:
Permit Number: B12-2164
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **1/24/2011**
Permit Type:
Description: **2011 Annual Inspection - Fast Track Airport Parking**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F11-0117
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/29/2010**
Permit Type:
Description: **FASTTRACK-S.F.(Parking lot)**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F10-1741
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **3/1/2010**
Permit Type:
Description: **FAST TRAK AIRPORT PARKING - 2010 ANNUAL RENEW**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F10-0087
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FAST TRAK AIRPORT PARKING

Date: **3/12/2009**
Permit Type:
Description: **Fast Track Airport Parking - 2009 Renewable Permit**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F09-0212
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/25/2005**
Permit Type:
Description: **2005 Renewable Permit Inspection - UNCOLLECTABLE**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1913
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date:
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number:
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

196 PRODUCE AVE

Date: **2/17/2011**
Permit Type:
Description: **repair gas leak**

Permit Description:
Work Class:
Proposed Use:
Permit Number: E11-0035
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number:
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

S AIRPORT BLVD

264 S AIRPORT BLVD

Date: **11/22/2021**
Permit Type: **COMMERCIAL**
Description: **Replace 1 rooftop heater and 1 rooftop heater/MUA unit**

Permit Description:
Work Class: TENANT IMPROVEMENT
Proposed Use:
Permit Number: B21-2059
Status: ISSUED
Valuation: $48,000.00
Contractor Company:
Contractor Name: BRADY AIR CONDITIONING INC

ADJOINING PROPERTY FINDINGS

Date: **3/31/2021**
Permit Type: **COMMERCIAL**
Description: **Re-face (1) existing monument sign for "Four Points".**

Permit Description:
Work Class: TENANT IMPROVEMENT
Proposed Use:
Permit Number: B21-0398
Status: ISSUED
Valuation: $1,500.00
Contractor Company:
Contractor Name: Discount Sign

Date: **5/16/2019**
Permit Type: **FIRE PROTECTION**
Description: **Fire Alarm System**

Permit Description:
Work Class: ALARM
Proposed Use:
Permit Number: F19-0498
Status: FINALED
Valuation: $38,213.00
Contractor Company:
Contractor Name: HCI Systems

Date: **3/27/2019**
Permit Type: **COMMERCIAL**
Description: **replace 25 fluorescent lights to LED in garage (see notes)**

Permit Description:
Work Class: TENANT IMPROVEMENT
Proposed Use:
Permit Number: B19-0470
Status: ISSUED
Valuation: $10,000.00
Contractor Company:
Contractor Name: DAMON WILLIAMS ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **3/22/2019**
Permit Type: **FIRE PROTECTION**
Description: **fire sprinkler modification**

Permit Description:
Work Class: SPRINKLER
Proposed Use:
Permit Number: F19-0197
Status: ISSUED
Valuation: $7,900.00
Contractor Company:
Contractor Name: ADANAC FIRE PROTECTION

Date: **12/27/2018**
Permit Type: **FIRE PROTECTION**
Description: **fire alarm system modification**

Permit Description:
Work Class: ALARM
Proposed Use:
Permit Number: F18-0798
Status: CANCELLED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/21/2018**
Permit Type: **COMMERCIAL**
Description: **renovation of guestrooms and partial public space**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B18-1393
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/9/2018**
Permit Type: **COMMERCIAL**
Description: **soffit detail ceiling penetration**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: REV18-0045
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **8/8/2017**
Permit Type: **COMMERCIAL**
Description: **Interior remodel guest rms 407 & 427, finishes, lighting**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B17-0902
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **5/26/2016**
Permit Type: **FIRE PROTECTION**
Description: **install new remote communicator**

Permit Description:
Work Class: ALARM
Proposed Use:
Permit Number: F16-0603
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **4/16/2015**
Permit Type: **FIRE PROTECTION**
Description: **Replace Existing FACP**

Permit Description:
Work Class: ALARM
Proposed Use:
Permit Number: F15-0573
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **1/28/2015**
Permit Type: **COMMERCIAL**
Description: **Soffit and door changes**

Permit Description:
Work Class: ALTERATIONS
Proposed Use:
Permit Number: REV15-0015
Status: READY TO ISSUE
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/1/2014**
Permit Type: **FIRE PROTECTION**
Description: **relocate fire sprinkler**

Permit Description:
Work Class: SPRINKLER
Proposed Use:
Permit Number: F14-2118
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **11/21/2014**
Permit Type: **COMMERCIAL**
Description: **Remodel of hotel, ADA upgrades**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B14-1625
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/3/2013**
Permit Type: **FIRE PROTECTION**
Description: **ADD 2 HEADS**

Permit Description:
Work Class: SPRINKLER
Proposed Use:
Permit Number: F13-1044
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**5/15/2012**
Permit Type:	**COMMERCIAL**
Description:	**Install 3 channel signs on building (7/26/2012 1:58 PM APC)Philip Margoulas from Art Sign & Banner Service called to inform that they had contracted to Industrial Signs which has been unavailable to get an inspection. They need to get a final inspection to receive final payment. Mr. Margoulas will go to Building Friday, July 27th to get a duplicate permit card and schedule for inspection.**
Permit Description:	
Work Class:	SIGN
Proposed Use:	
Permit Number:	B12-0830
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Industrial Signs

Date:	**4/1/2011**
Permit Type:	
Description:	**Title 19 - 5 Year**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	F11-0715
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **3/17/2011**
Permit Type: **COMMERCIAL**
Description: **replace 100 gallon WH in boiler room**

Permit Description:
Work Class: PLUMBING
Proposed Use:
Permit Number: B11-0417
Status: FINALED
Valuation: $5,000.00
Contractor Company:
Contractor Name: PENINSULAR HOSPITALITY INC

Date: **2/22/2010**
Permit Type:
Description: **Four Points Hotel 2010 Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F10-0513
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **7/24/2009**
Permit Type:
Description: **2009 Hotel (100) Inspection - Annual**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F09-0583
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **6/20/2008**
Permit Type:
Description: **2008 Hotel R-1 Inspection (100) R/N:3**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F08-0278
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **5/3/2006**
Permit Type:
Description: **2006 Annual Hotel Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F06-0911
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **3/21/2005**
Permit Type:
Description: **2005 R-1 OCCUPANCY**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-0682
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/29/2004**
Permit Type:
Description: **R-1 Hotel inpsection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F04-0700
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **3/29/2004**
Permit Type:
Description: **Fire alarm permit**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F04-0701
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **10/3/2003**
Permit Type:
Description: **Four Points Sheraton**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F03-0486
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **6/29/2003**
Permit Type:
Description: **Four Points Sheraton**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F03-0169
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/29/2003**
Permit Type:
Description: **Four Points Sheraton**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F03-0170
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date:
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number:
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

300 S AIRPORT BLVD

Date:	**5/21/2021**
Permit Type:	**COMMERCIAL**
Description:	**one reface, 5 internally illuminated signs and light bar**
Permit Description:	
Work Class:	TENANT IMPROVEMENT
Proposed Use:	
Permit Number:	B21-0621
Status:	FINALED
Valuation:	$19,000.00
Contractor Company:	
Contractor Name:	Sign Development Inc

Date:	**12/27/2017**
Permit Type:	**COMMERCIAL**
Description:	**Replace portion of drywall in front of the store**
Permit Description:	
Work Class:	TI
Proposed Use:	
Permit Number:	B17-2210
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**2/27/2012**
Permit Type:	**COMMERCIAL**
Description:	**remove bottom triangle from (e) sign**
Permit Description:	
Work Class:	SIGN
Proposed Use:	
Permit Number:	B12-0276
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SIGN DEVELOPMENT INC.

ADJOINING PROPERTY FINDINGS

Date: **12/1/2011**
Permit Type: **COMMERCIAL**
Description: **Underground tank dispensers**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B11-1843
Status: ISSUED
Valuation: $40,000.00
Contractor Company:
Contractor Name: ABLE MAINTENANCE INC.

Date: **11/10/2011**
Permit Type: **COMMERCIAL**
Description: **reface mon sign, 4 illum channe; ltr canopy signs**

Permit Description:
Work Class: SIGN
Proposed Use:
Permit Number: B11-1842
Status: ISSUED
Valuation: $1,000.00
Contractor Company:
Contractor Name: SIGN DEVELOPMENT INC.

Date: **1/21/2011**
Permit Type:
Description: **2011 Annual Inspection - Chevron**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F11-0110
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **1/21/2011**
Permit Type:
Description: **2011 Annual Inspectin - Chris & Alvin Winetrub**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F11-0112
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **1/14/2010**
Permit Type:
Description: **AIRPORT CHEVRON - 2010 ANNUAL RENEWABLE**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F10-0113
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/15/2009**
Permit Type:
Description: **Install phase 2 heavy system with Veeder-root ISD**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F08-1203
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: Central Petroleum Maintenance

ADJOINING PROPERTY FINDINGS

Date: **3/13/2009**
Permit Type:
Description: **Airport Chevron Service - 2009 Renewable Permit**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F09-0186
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/12/2008**
Permit Type: **COMMERCIAL**
Description: **Vapor recovery unit**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B08-0927
Status: FINALED
Valuation: $35,000.00
Contractor Company:
Contractor Name: Central Petroleum Maintenance

Date: **10/10/2007**
Permit Type: **COMMERCIAL**
Description: **Awnings/ Facia/ Signs**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B07-1553
Status: FINALED
Valuation: $30,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **6/26/2007**
Permit Type: **FIRE PROTECTION**
Description: **remove and replace spill bucket in sump of und.stg.tank**

Permit Description:
Work Class: OTHER FP EQUIPMENT
Proposed Use:
Permit Number: F07-0602
Status: FINALED
Valuation: $1,000.00
Contractor Company:
Contractor Name:

Date: **5/25/2006**
Permit Type:
Description: **2006 Motor Vehicle Fuel Dispensing Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F06-0978
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **5/25/2006**
Permit Type:
Description: **2008 Motor Vehicle Fuel Dispensing Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F08-0104
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **5/24/2005**
Permit Type:
Description: **GAS DISPENSING 2005 INSPECTION**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1140
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date:
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number:
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

310 S AIRPORT BLVD

Date: **11/30/2012**
Permit Type: **COMMERCIAL**
Description: **add new antenna to (e) wireless; rep battery cab**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B12-2148
Status: READY TO ISSUE
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

316 S AIRPORT BLVD

Date:	**10/14/2020**
Permit Type:	**FIRE PREVENTION ANNU**
Description:	**IHOP 2020 Annual Inspection**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	F20-1278
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**4/7/2017**
Permit Type:	**COMMERCIAL**
Description:	**Replace (e) sign with new updated sign (like for like)**
Permit Description:	
Work Class:	SIGN
Proposed Use:	
Permit Number:	B17-0524
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**6/4/2012**
Permit Type:	**COMMERCIAL**
Description:	**Re-stripe parking lot**
Permit Description:	
Work Class:	SITE WORK
Proposed Use:	
Permit Number:	B12-0884
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Don Nguyen

ADJOINING PROPERTY FINDINGS

Date:	**3/27/2012**
Permit Type:	**COMMERCIAL**
Description:	**add "rock" facade at entrance (rock overlay) (3/26/2012 2:54 PM KK)add hardy board as backing**
Permit Description:	
Work Class:	TI
Proposed Use:	
Permit Number:	B12-0425
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VWC BUILDERS INC

Date:	**2/28/2012**
Permit Type:	**COMMERCIAL**
Description:	**install 2 sets of channel letters on wall, illuminated**
Permit Description:	
Work Class:	SIGN
Proposed Use:	
Permit Number:	B12-0257
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GOLDEN GATE SIGN CO INC

Date:	**3/14/2011**
Permit Type:	
Description:	**IHOP - 2011 Annual Inspection**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	F11-0593
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **2/17/2009**
Permit Type:
Description: **IHOP Restaurant - 2009 Renewable Permit**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F09-0263
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **4/1/2008**
Permit Type:
Description: **2008 Annual Renewable Permit Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F08-0276
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **7/17/2007**
Permit Type:
Description: **Hood and duct system at IHOP Resturaunt**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F07-0634
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **4/24/2006**
Permit Type:
Description: **2006 Annual Renewable Permit Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F06-0848
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/18/2001**
Permit Type: **COMMERCIAL**
Description: **Replace existing signs at IHOP**

Permit Description:
Work Class: SIGN
Proposed Use:
Permit Number: B01-2117
Status: EXPIRED
Valuation: $12,635.00
Contractor Company:
Contractor Name: REAL SIGNS & LIGHTING

Date:
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number:
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

SAN MATEO AVE

1422 SAN MATEO AVE

Date:	**5/14/2021**
Permit Type:	**REROOF**
Description:	**Remove existing roof and install new JM .060mil TPO Roof**
Permit Description:	
Work Class:	COMMERCIAL
Proposed Use:	
Permit Number:	B21-0817
Status:	FINALED
Valuation:	$136,982.00
Contractor Company:	
Contractor Name:	BIGHAM-TAYLOR ROOFING CORPORATION

Date:	**8/4/2017**
Permit Type:	**COMMERCIAL**
Description:	**Add new 853 sf office space w/ 2 new restrooms**
Permit Description:	
Work Class:	TI
Proposed Use:	
Permit Number:	B17-1072
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **7/6/2017**
Permit Type: **FIRE PROTECTION**
Description: **add 1 SSP and relocate 8**

Permit Description:
Work Class: SPRINKLER
Proposed Use:
Permit Number: F17-0975
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **2/22/2017**
Permit Type: **COMMERCIAL**
Description: **Stucco Building, ADA ramp, restripe lot**

Permit Description:
Work Class: TI
Proposed Use:
Permit Number: B16-1896
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date:
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number:
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

TERMINAL CT

125 TERMINAL CT

Date:	**6/11/2021**
Permit Type:	**FIRE PREVENTION INSPECTION**
Description:	**101 Restaurant & Bar 2021 Annual Business Inspection**
Permit Description:	
Work Class:	A 2 OCCUPANCY
Proposed Use:	
Permit Number:	F21-0709
Status:	COMPLIANT
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**3/29/2021**
Permit Type:	**FIRE PROTECTION**
Description:	**Add 1 new fire sprinkler to 1 new office**
Permit Description:	
Work Class:	SPRINKLER
Proposed Use:	
Permit Number:	F21-0462
Status:	FINALED
Valuation:	$3,995.00
Contractor Company:	
Contractor Name:	STATION 1 FIRE PROTECTION

ADJOINING PROPERTY FINDINGS

Date: **1/13/2021**
Permit Type: **FIRE PREVENTION INSPECTION**
Description: **Carcione Fresh 2021 Inspection**

Permit Description:
Work Class: S 2 OCCUPANCY
Proposed Use:
Permit Number: F21-0060
Status: COMPLIANT
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/22/2020**
Permit Type: **FIRE PREVENTION INSPECTION**
Description: **Rockos Produce 2020 Inspection**

Permit Description:
Work Class: S 2 OCCUPANCY
Proposed Use:
Permit Number: F20-1643
Status: NON COMPLIANT
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **5/21/2014**
Permit Type: **FIRE PROTECTION**
Description: **Install Sprinklers**

Permit Description:
Work Class: SPRINKLER
Proposed Use:
Permit Number: F14-0703
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/2/2011**
Permit Type:
Description: **Hogan's Cafe - 2011 Annual Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F11-0460
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **2/1/2008**
Permit Type:
Description: **Bruno Quality Produce**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F08-0070
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **7/23/2007**
Permit Type:
Description: **Hogans Cafe**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F07-0684
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **11/15/2005**
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-2047
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **10/6/2005**
Permit Type:
Description: **2005 Annual Renewable Permit Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1821
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/29/2005**
Permit Type:
Description: **2005 Annual Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1813
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **9/29/2005**
Permit Type:
Description: **2005 Annual Inspection - CLOSED UNCOLLECTABLE**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1814
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/29/2005**
Permit Type:
Description: **2005 Annual Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1815
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/28/2005**
Permit Type:
Description: **2005 Annual Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1807
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **9/28/2005**
Permit Type:
Description: **2005 Annual Inspection - CLOSED UNCOLLECTABLE**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1808
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/28/2005**
Permit Type:
Description: **2005 Annual Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1809
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/28/2005**
Permit Type:
Description: **2005 Annual Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1810
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **9/28/2005**
Permit Type:
Description: **2005 Annual Inspection - CLOSED UNCOLLECTABLE**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1811
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/28/2005**
Permit Type:
Description: **2005 Annual Inspection**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1812
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **5/18/2005**
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: F05-1102
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **4/1/2004**
Permit Type: **FIRE PROTECTION**
Description: **Install hood and duct fire surpression system**

Permit Description:
Work Class: CHEM SUPPRESION
Proposed Use:
Permit Number: F04-0716
Status: FINALED
Valuation: $3,100.00
Contractor Company:
Contractor Name: AAA RESTAURANT FIRE CNTRL INC

Date: **3/8/2004**
Permit Type:
Description: **Assembly at Hogan's Deli**

Permit Description:
Work Class:
Proposed Use:
Permit Number: F04-0214
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date:
Permit Type:
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number:
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

TERMINAL CT # SUITE#H

155 TERMINAL CT # SUITE#H

Date:	**12/29/2020**
Permit Type:	**FIRE PREVENTION INSPECTION**
Description:	**Banner Fruit Company 2020 Inspection**
Permit Description:	
Work Class:	S 2 OCCUPANCY
Proposed Use:	
Permit Number:	F20-1656
Status:	COMPLIANT
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**4/29/2010**
Permit Type:	
Description:	**SEQUOIA SALES**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	F10-1334
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use (s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

101-131 Terminal Court
101 Terminal Court
South San Francisco, CA 94080

Inquiry Number: 6884057.6
March 03, 2022

The EDR Property Tax Map Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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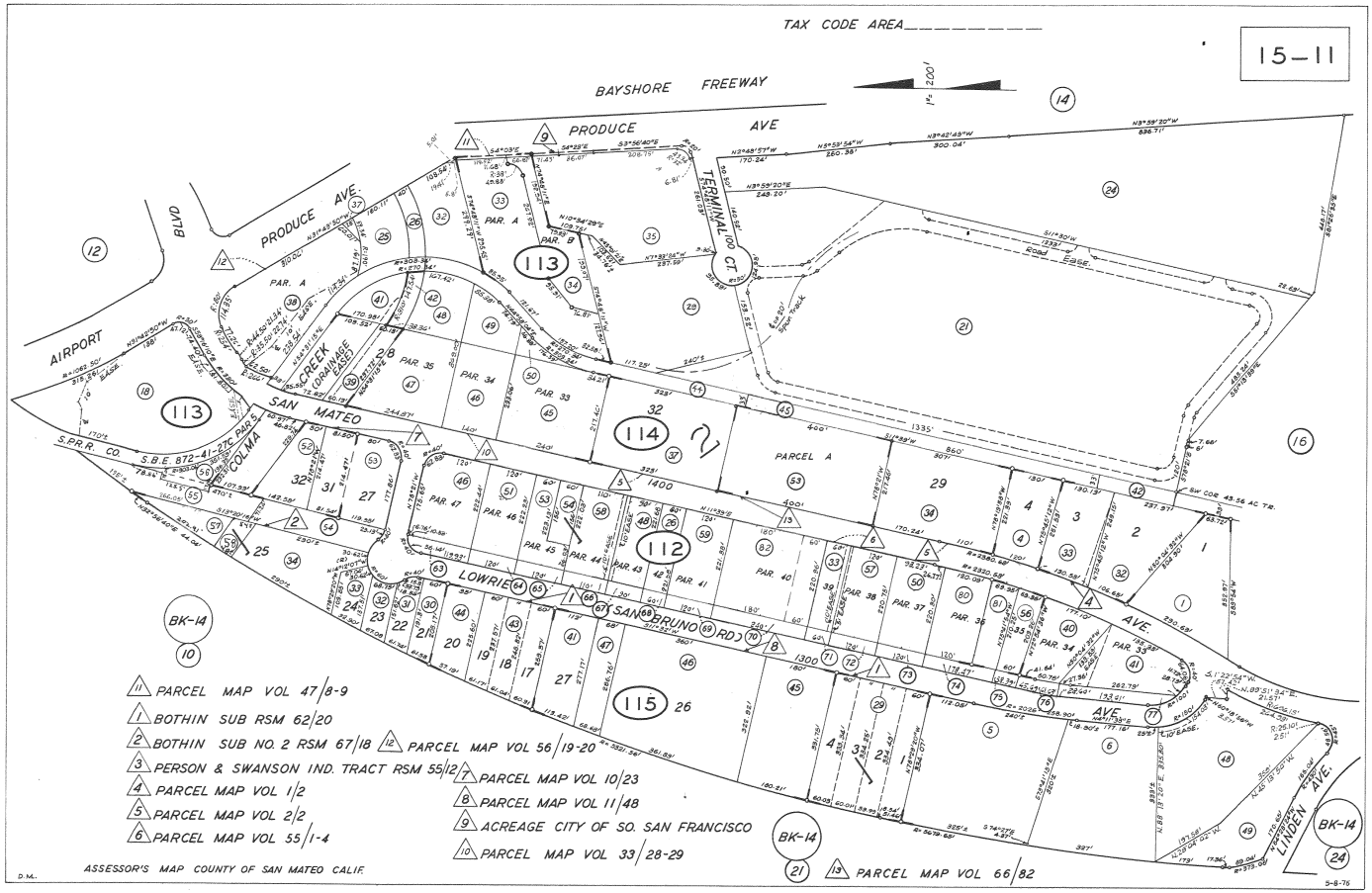
TAX CODE AREA
15–11
BAYSHORE FREEWAY
1" = 200'
PRODUCE AVE
AIRPORT BLVD
TERMINAL CT.
100
SAN MATEO
COLMA
S.P.R.R. CO.
S.B.E. 872-41-276
CREEK DRAINAGE EASE
LOWRIE
SAN BRUNO RD
AVE
LINDEN AVE.
BK-14
113
114
112
115
PARCEL A
PAR. A
PAR. B
1400
1300
1335'
11 PARCEL MAP VOL 47/8-9
1 BOTHIN SUB RSM 62/20
2 BOTHIN SUB NO. 2 RSM 67/18
3 PERSON & SWANSON IND. TRACT RSM 55/2
4 PARCEL MAP VOL 1/2
5 PARCEL MAP VOL 2/2
6 PARCEL MAP VOL 55/1-4
12 PARCEL MAP VOL 56/19-20
7 PARCEL MAP VOL 10/23
8 PARCEL MAP VOL 11/48
9 ACREAGE CITY OF SO. SAN FRANCISCO
10 PARCEL MAP VOL 33/28-29
13 PARCEL MAP VOL 66/82
ASSESSOR'S MAP COUNTY OF SAN MATEO CALIF.
D.M.
5-8-76

APPENDIX D
Regulatory Records Documentation

101-131 Terminal Court
101 Terminal Court
South San Francisco, CA 94080

Inquiry Number: 6884057.2s
March 04, 2022

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

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Thank you for your business.
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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

101 TERMINAL COURT
SOUTH SAN FRANCISCO, CA 94080

COORDINATES

Latitude (North):	37.6438660 - 37ˆ 38' 37.91''
Longitude (West):	122.4080670 - 122ˆ 24' 29.04''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	552222.0
UTM Y (Meters):	4166262.2
Elevation:	21 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12016481 SAN FRANCISCO SOUTH, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140608
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
101 TERMINAL COURT
SOUTH SAN FRANCISCO, CA 94080

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	PP PALLETS	131 TERMINAL CT	FINDS		TP
A2	CARCIONE FRESH PROD	131 TERMINAL	San Mateo Co. BI		TP
A3	PARK 'N FLY OF SAN F	101 TERMINAL CT	FINDS, ECHO		TP
A4	PARK & FLY	101 TERMINAL CT	HAZNET, HWTS		TP
A5	PRODUCE MARKET KEYLO	131 TERMINAL CT	CA FID UST		TP
A6	CARCIONE FRESH PRODU	131 TERMINAL	San Mateo Co. BI		TP
A7	PARK N FLY INC	101 TERMINAL	San Mateo Co. BI		TP
A8	J GOMEZ PRODUCE	131 TERMINAL COURT	HAULERS		TP
A9	PARK N FLY OF SAN FR	101 TERMINAL CT	HIST UST		TP
A10	BROTHER'S PRODUCE	125 TERMINAL CT STE	HAULERS		TP
A11	PETRA PRODUCE	131 TERMINAL CT SPC	HAULERS		TP
A12	PARK 'N FLY OF SAN F	101 TERMINAL CT	HAZNET, HWTS		TP
A13	PARK 'N FLY OF SAN F	101 TERMINAL CT	RCRA NonGen / NLR		TP
A14	PARK'N FLY OF SAN FR	101 TERMINAL CT	CA FID UST		TP
A15	OLYMPIAN PRODUCE MKT	131 TERMINAL	RGA LUST		TP
A16	BAY AREA HERB AND SP	131 TERMINAL COURT	HAULERS		TP
A17	PARK'N FLY OF SAN FR	101 TERMINAL CT	SWEEPS UST		TP
A18	FLYERS #412	131 TERMINAL CT	HAZNET, HWTS		TP
A19	FRESH POINT	131 TERMINAL	San Mateo Co. BI		TP
A20	CARCIONE FRESH PRODU	131 TERMINAL CT UNIT	FINDS		TP
A21	PRODUCE MARKET KEYLO	131 TERMINAL	San Mateo Co. BI		TP
A22	CARCIONE FRESH PRODU	131 TERMINAL CT UNIT	CERS		TP
A23	PRODUCE MARKET KEYLO	131 TERMINAL CT	HIST UST		TP
A24	OLYMPIAN PRODUCE MKT	131 TERMINAL	RGA LUST		TP
A25	OLYMPIAN PRODUCE MKT	131 TERMINAL	LUST, SWEEPS UST, Cortese, CERS		TP
A26	SHASTA PRODUCE	131 TERMINAL CT STAL	HAULERS		TP
A27	GALWAY TRUCKING, INC	131 TERMINAL CT	HAULERS		TP
A28	SHASTA PRODUCE	131 TERMINAL CT UNIT	FINDS		TP
A29	FRANZELLA PRODUCE IN	131 TERMINAL	San Mateo Co. BI		TP
A30	SOUTH CITY PALLETS	131 TERMINAL CT	HAULERS		TP
A31	OLYMPIAN OIL	131 TERMINAL CT	HWTS		TP
A32	FRANZELLA PRODUCE IN	131 TERMINAL CT UNIT	FINDS		TP
A33	OLYMPIAN PRODUCE MKT	131 TERMINAL	FINDS		TP
A34	CARCIONE FRESH PRODU	131 TERMINAL	San Mateo Co. BI		TP
A35	PARK AND FLY	101 TERMINAL COURT	HWTS		TP
B36	SHASTA PRODUCE	155 TERMINAL	San Mateo Co. BI	Higher	6, 0.001, North
B37	VERIZON WIRELESS SFO	1 TERMINAL	San Mateo Co. BI, CERS	Higher	37, 0.007, NNE
B38	MIKES MOBIL TRUCK SE	110 TERMINAL	San Mateo Co. BI	Higher	75, 0.014, NNE
B39	PARKING CORPORATION	120 TERMINAL	LUST, CPS-SLIC, CERS	Higher	91, 0.017, NNE

MAPPED SITES SUMMARY

Target Property Address:
101 TERMINAL COURT
SOUTH SAN FRANCISCO, CA 94080

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
B40	SAN MATEO COUNTY TRA	196 SOUTH PRODUCE AV	RCRA NonGen / NLR, FINDS, ECHO	Higher	95, 0.018, NNE
C41	STURDY OIL	251 SHAW	San Mateo Co. BI, HIST CORTESE	Lower	111, 0.021, SSE
C42	AHERN RENTALS	251 SHAW RD	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	111, 0.021, SSE
C43	AHERN RENTALS, SFO-1	251 SHAW	San Mateo Co. BI	Lower	111, 0.021, SSE
C44	AHERN RENTALS	251 SHAW RD	RCRA NonGen / NLR	Lower	111, 0.021, SSE
B45	SAMTRANS VACANT	196 PRODUCE	LUST, Cortese, HIST CORTESE, CERS	Higher	130, 0.025, North
B46	SAN MATEO COUNTY TRA	196 PRODUCE	LUST, San Mateo Co. BI	Higher	130, 0.025, North
B47	BARRETT LARRY INC	196 PRODUCE	EDR Hist Auto	Higher	130, 0.025, North
C48	MCLELLAN	257 SHAW RD	RCRA-SQG, HIST UST, FINDS, ECHO	Lower	132, 0.025, South
D49	HEAT & CONTROL INC	225 SHAW	San Mateo Co. BI	Higher	177, 0.034, SSW
D50	GIANNINI GARDEN ORNA	225 SHAW RD	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	177, 0.034, SSW
D51	GIANNINI GARDEN ORNA	225 SHAW RD	RCRA NonGen / NLR	Higher	177, 0.034, SSW
E52	RC & A PRINTING & PU	1364 SAN MATEO	San Mateo Co. BI	Higher	202, 0.038, WNW
F53	PEKING HANDICRAFT	1388 SAN MATEO	LUST, Cortese, HIST CORTESE, CERS	Higher	208, 0.039, NW
G54	LUBRIVAN TRUCK SERVI	1320 SAN MATEO	LUST, Cortese, HIST CORTESE, CERS	Higher	209, 0.040, WSW
E55	STATIC NINE GARAGE	1350 SAN MATEO	San Mateo Co. BI	Higher	218, 0.041, West
E56	SB GARAGE LLC	1350 SAN MATEO AVE	CERS HAZ WASTE, CERS	Higher	218, 0.041, West
E57	SB GARAGE LLC	1350 SAN MATEO	San Mateo Co. BI	Higher	218, 0.041, West
E58	SBGARAGE LLC	1350 SAN MATEO AVE	RCRA NonGen / NLR	Higher	218, 0.041, West
E59	PACIFIC BELL	1384 SAN MATEO AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	223, 0.042, NW
H60	CORPORATE IDENTITY S	1342 SAN MATEO	San Mateo Co. BI	Higher	228, 0.043, West
H61	CORPORATE IDENTITY S	1342 SAN MATEO AVE	RCRA-LQG, EMI	Higher	228, 0.043, West
H62	CORPORATE IDENTITY S	1342 SAN MATEO AVE	CERS HAZ WASTE	Higher	228, 0.043, West
E63	GREENSTAR LAUNDRY &	1352 SAN MATEO	San Mateo Co. BI	Higher	233, 0.044, West
E64	MCNEVIN CLEANING SPE	1186 SAN MATEO AVE	RCRA-SQG, FINDS, ECHO, EMI, HAZNET, CERS, HWTS	Higher	241, 0.046, WNW
C65	WOOFGANG'S DOGGIE DA	242 SHAW ROAD	RCRA NonGen / NLR	Lower	246, 0.047, South
G66	GIANT HORSE PRINTING	1336 SAN MATEO AVE	RCRA NonGen / NLR	Higher	257, 0.049, WSW
G67	KK GRAPHICS INC	1336 SAN MATEO AVE	RCRA NonGen / NLR	Higher	257, 0.049, WSW
G68	GIANT HORSE PRINTING	1336 SAN MATEO	San Mateo Co. BI	Higher	257, 0.049, WSW
G69	KK GRAPHICS INC	1336 SAN MATEO	San Mateo Co. BI	Higher	257, 0.049, WSW
I70	PRATT & LAMBERT INC.	1417 SAN MEDRO AVE.	RCRA-SQG, FINDS, ECHO	Higher	271, 0.051, NNW
D71	SSF SEWAGE PUMP STAT	235 SHAW	San Mateo Co. BI	Higher	282, 0.053, SSW
D72	H.G. MAKELIM CO.	219 SHAW	San Mateo Co. BI	Higher	291, 0.055, SSW
J73	PENINSULA AUTO BODY	1430 SAN MATEO AVE	RCRA NonGen / NLR	Higher	295, 0.056, NNW
J74	W W GRAINGER	1430 SAN MATEO	San Mateo Co. BI	Higher	295, 0.056, NNW
J75	PENINSULA AUTO BODY	1430 SAN MATEO AVE	CERS HAZ WASTE, HAZNET, HWTS	Higher	295, 0.056, NNW
E76	BAYSHORE TRUCK EQUIP	1367 SAN MATEO	San Mateo Co. BI	Higher	316, 0.060, WNW
I77	SPORTS AND GRAPHICS	1417 SAN MATEO AVE	RCRA-SQG	Higher	321, 0.061, NNW
E78	KOLVI DEVELOPMENT CO	1361 SAN MATEO AVE	HIST UST	Higher	321, 0.061, WNW

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101 TERMINAL COURT
SOUTH SAN FRANCISCO, CA 94080

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E79	ARCOS AUTO BODY & DE	1361 SAN MATEO	San Mateo Co. BI	Higher	321, 0.061, WNW
E80	DJ & J AUTO CARE	1383 SAN MATEO AVE	CERS HAZ WASTE, CERS	Higher	321, 0.061, NW
E81	E & J AUTO REPAIR	1383 SAN MATEO	San Mateo Co. BI	Higher	321, 0.061, NW
E82	D J & J AUTO CARE	1383 SAN MATEO AVE	RCRA NonGen / NLR	Higher	321, 0.061, NW
F83	NATIONWIDE LIMOUSINE	1397 SAN MATEO	San Mateo Co. BI	Higher	323, 0.061, NW
E84	GRACE BODY SHOP	1379 SAN MATEO	San Mateo Co. BI	Higher	335, 0.063, WNW
E85	BAYSHORE TRUCK EQUIP	1379 SAN MATEO AVE	RCRA-SQG, FINDS, ECHO	Higher	335, 0.063, WNW
E86	GRACE BODY SHOP	1379 SAN MATEO AVE	RCRA NonGen / NLR	Higher	335, 0.063, WNW
E87	CRANKSHAFT CORP	1381 SAN MATEO	San Mateo Co. BI	Higher	337, 0.064, NW
F88	FOUR STAR AUTOMOTIVE	1405 SAN MATEO AVENU	RCRA-LQG, AST, CERS HAZ WASTE, SWEEPS UST, HIST...	Higher	338, 0.064, NW
F89	FOUR STAR AUTOMOTIVE	1405 SAN MATEO	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	338, 0.064, NW
I90	DYNASTY CUSTOMS BROK	1409 SAN MATEO	San Mateo Co. BI	Higher	338, 0.064, NNW
F91	GRACE BODY SHOP	1387 SAN MATEO	RCRA-SQG, San Mateo Co. BI, EMI, HAZNET, HWTS	Higher	339, 0.064, NW
I92	UTAP PRINTING CO., I	1423 SAN MATEO AVE	CERS HAZ WASTE, CERS	Higher	339, 0.064, NNW
I93	VTAP PRINTING	1423 SAN MATEO AVE	RCRA-SQG	Higher	339, 0.064, NNW
I94	UTAP PRINTING CO., I	1423 SAN MATEO	San Mateo Co. BI	Higher	339, 0.064, NNW
D95	PREMIER MOUNTING & D	220 SHAW	San Mateo Co. BI	Higher	340, 0.064, SSW
D96	FEDEX GROUND PACKAGE	220 SHAW ROAD	RCRA-SQG, FINDS, ECHO	Higher	340, 0.064, SSW
D97	BACON PROPERTY	220 SHAW ROAD	LUST, Cortese, CERS	Higher	340, 0.064, SSW
D98	BACON PROPERTY	220 SHAW RD	LUST	Higher	340, 0.064, SSW
E99	ARCOS ENTERPRISES	1359 SAN MATEO AVE	RCRA-SQG	Higher	341, 0.065, WNW
E100	ARCOS AUTO BODY & DE	1359-61 SAN MATEO	San Mateo Co. BI	Higher	341, 0.065, WNW
K101	CHEVRON STATION #787	300 S AIRPORT BLVD	SWEEPS UST	Lower	342, 0.065, NE
K102	GREINER SERVICE STAT	300 S AIRPORT BLVD	UST	Lower	342, 0.065, NE
K103	CHEVRON 97875	300 S AIRPORT BLVD.	RCRA-LQG	Lower	342, 0.065, NE
K104	GREINER SERVICE STAT	300 S. AIRPORT BLVD	RCRA NonGen / NLR	Lower	342, 0.065, NE
K105	GREINER SERVICE STAT	300 S AIRPORT BLVD	EDR Hist Auto	Lower	342, 0.065, NE
K106	CHEVRON 9-7875	300 SOUTH AIRPORT BO	LUST, Cortese, HIST CORTESE, CERS	Lower	342, 0.065, NE
K107	97875	300 SO AIRPORT BLVD	HIST UST	Lower	342, 0.065, NE
K108	GREINER SERVICE STAT	300 S AIRPORT BLVD	RCRA NonGen / NLR	Lower	342, 0.065, NE
K109	GREINER SERVICE STAT	300 S AIRPORT BLVD	CERS HAZ WASTE, CERS TANKS, CERS	Lower	342, 0.065, NE
K110	CHEVRON 9-7875	300 AIRPORT	LUST, San Mateo Co. BI	Lower	342, 0.065, NE
K111	CHEVRON STATION NO 9	300 S AIRPORT BLVD	LUST, HAZNET, HWTS	Lower	342, 0.065, NE
E112	TAYLORMADE AUTOMOTIV	1357 SAN MATEO	San Mateo Co. BI	Higher	348, 0.066, West
E113	TAYLOR MADE AUTOMOTI	1357 SAN MATEO AVE	EDR Hist Auto	Higher	348, 0.066, West
I114	ALI BABA	1429 SAN MATEO	San Mateo Co. BI	Higher	359, 0.068, NNW
H115	CAL WEST ELECTRIC, I	1341 SAN MATEO AVENU	ENVIROSTOR	Higher	362, 0.069, West
H116	CAL-WEST ELECTRICS	1341 SAN MATEO AVE	SEMS-ARCHIVE	Higher	362, 0.069, West
H117	HEAT & CONTROL INC	1341 SAN MATEO	San Mateo Co. BI	Higher	362, 0.069, West

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J118	CRESCO EQUIPMENT REN	1431 SAN MATEO AVE	CERS HAZ WASTE, CERS TANKS, CERS	Higher	384, 0.073, NNW
J119	NORCAL RENTAL GROUP	1431 SAN MATEO AVE	RCRA NonGen / NLR	Higher	384, 0.073, NNW
J120	CRESCO EQUIPMENT REN	1431 SAN MATEO	San Mateo Co. BI	Higher	384, 0.073, NNW
G121	ROYAL AUTO LIMO REPA	1331 SAN MATEO AVE	LUST, HAZNET, HWTS	Higher	409, 0.077, WSW
G122	ROYAL AUTO LIMO REPA	1331 SAN MATEO AVE	RCRA NonGen / NLR	Higher	409, 0.077, WSW
G123	ROYAL AUTO REPAIR	1331 SAN MATEO	San Mateo Co. BI	Higher	409, 0.077, WSW
G124	AMPHLETT PRINTING	1331 SAN MATEO AVENU	RCRA-SQG, CPS-SLIC, FINDS, ECHO, CERS	Higher	409, 0.077, WSW
G125	ROYAL AUTO REPAIR	1331 SAN MATEO AVE	CERS HAZ WASTE, CERS	Higher	409, 0.077, WSW
G126	FEDEX GROUND PACKAGE	1070 SAN MATEO AVE	RCRA-SQG	Higher	434, 0.082, WSW
J127	JOHNSTONE SUPPLY	1445 SAN MATEO	San Mateo Co. BI	Higher	434, 0.082, NNW
L128	RUTLAND PLASTIC TECH	310 SHAW	San Mateo Co. BI	Lower	461, 0.087, SSE
M129	DELUXE PACKAGES	205 SHAW RD SO	RCRA-SQG, CPS-SLIC, HIST UST, RAATS, FINDS, ECHO,...	Lower	477, 0.090, SW
M130	VALLEY AUTOMOTIVE	205 SHAW	San Mateo Co. BI	Lower	477, 0.090, SW
K131	BERKEY/COLORCRAFT	103 WONDERCOLOR LANE	HIST UST	Lower	507, 0.096, NE
K132	QUALEX-DBA COLOR CRA	103 WONDER COLOR LN	SWEEPS UST, CA FID UST	Lower	507, 0.096, NE
K133	COLORCRAFT CORPORATI	103 WONDERCOLOR LANE	RCRA-SQG, FINDS, ECHO	Lower	507, 0.096, NE
J134	REGAL GRAPHICS INC	1451 SAN MATEO	San Mateo Co. BI	Higher	532, 0.101, NNW
M135	SAN FRANCISCO DIFFER	214 SHAW RD BLDG 8 #	San Mateo Co. BI	Lower	551, 0.104, SW
N136	KENS PHILLIPS 66 SER	264 SO AIRPORT BLVD	EDR Hist Auto	Lower	554, 0.105, NNE
N137	KEN FUNK PROPERTY	264 AIRPORT	LUST, Cortese, HIST CORTESE, CERS	Lower	554, 0.105, NNE
N138	BAYSHORE SELF SERVE	264 S AIRPORT	HIST UST	Lower	554, 0.105, NNE
N139	GENERAL RENT A CAR (	264 S AIRPORT BLVD	LUST, HIST UST	Lower	554, 0.105, NNE
M140	UMILI AMERICA	200 SHAW	San Mateo Co. BI	Lower	563, 0.107, SW
M141	UNITED KITCHEN EQUIP	206 SHAW	San Mateo Co. BI	Lower	563, 0.107, SW
O142	CENTRAL CONCRETE SUP	1305 SAN MATEO DR	LUST, Cortese, NPDES, CIWQS, CERS	Higher	564, 0.107, SW
O143	KENAN ADVANTAGE GROU	1305 SAN MATEO AVE	RCRA NonGen / NLR	Higher	564, 0.107, SW
O144	BAY CITIES BUILDING	1305 SAN MATEO AVE	SWEEPS UST, CA FID UST	Higher	564, 0.107, SW
O145	BAY CITIES BUILDING	1305 SAN MATEO	LUST, HIST UST, San Mateo Co. BI	Higher	564, 0.107, SW
P146	EURO AUTOBODY	1334 LOWRIE	San Mateo Co. BI	Higher	568, 0.108, WNW
Q147	BINKS MANUFACTURING	1459 SAN MATEO	LUST, CPS-SLIC, San Mateo Co. BI, CERS	Higher	568, 0.108, NNW
R148	KARTWERKS INC	1352 LOWRIE	San Mateo Co. BI	Higher	570, 0.108, NW
S149	CALS	1368 LOWRIE	San Mateo Co. BI	Higher	574, 0.109, NNW
T150	PARKING CO OF AMERIC	160 PRODUCE	San Mateo Co. BI	Higher	575, 0.109, NNE
M151	ANCHOR FENCE CO	212 SHAW	San Mateo Co. BI	Lower	578, 0.109, SW
S152	UNIVERSAL FLEET SUPP	1376 LOWRIE AVE	RCRA-SQG, FINDS, ECHO	Higher	617, 0.117, NNW
S153	UNIVERSAL FLEET SUPP	1376 LOWRIE	San Mateo Co. BI	Higher	617, 0.117, NNW
M154	JCW	218 SHAW RD, STE 8	RCRA NonGen / NLR	Lower	622, 0.118, SW
M155	HARVEST VACATION TOU	218 SHAW RD	RCRA NonGen / NLR	Lower	622, 0.118, SW
M156	JCW	218 W. SHAW RD. SUIT	RCRA NonGen / NLR	Lower	622, 0.118, SW

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M157	JCW	218 SHAW ROAD #8	RCRA NonGen / NLR	Lower	622, 0.118, SW
M158	AHERN RENTALS SFO-15	218 SHAW	San Mateo Co. BI	Lower	622, 0.118, SW
M159	NORTH STATE ENVIRONM	214 SHAW	San Mateo Co. BI	Lower	623, 0.118, SW
M160	NORTH STATE ENVIRONM	214 SHAW ROAD	RCRA NonGen / NLR, PADS	Lower	623, 0.118, SW
M161	NORTH STATE ENVIRONM	214 SHAW ROAD	RCRA NonGen / NLR	Lower	623, 0.118, SW
R162	CERES	1353 LOWRIE	San Mateo Co. BI	Higher	640, 0.121, NW
S163	DY DEE WASH CORP	1369 LOWRIE	San Mateo Co. BI	Higher	651, 0.123, NW
U164	GRANITE ROCK CO	1321 LOWRIE AVE	AST	Higher	652, 0.123, West
U165	LOWRIE PAVING	1321 LOWRIE AVENUE	LUST, HIST UST, Cortese, HIST CORTESE, WDS, CERS	Higher	652, 0.123, West
U166	GRANITE ROCK COMPANY	1321 LOWRIE AVE	RCRA NonGen / NLR	Higher	652, 0.123, West
U167	GRANITE ROCK CO	1321 LOWRIE	LUST, SWEEPS UST, San Mateo Co. BI	Higher	652, 0.123, West
U168	SOUTH SAN FRANCISCO	1321 LOWRIE AVE	CERS HAZ WASTE, CERS TANKS, NPDES, CIWQS, CERS	Higher	652, 0.123, West
U169	GRANITE ROCK COMPANY	1321 LOWRIE AVENUE	EMI, Notify 65, CERS, HWTS	Higher	652, 0.123, West
U170	GRANITE ROCK CO	1321 LOWRIE	AST	Higher	652, 0.123, West
U171	LOWRIE PAVING	1321 LOWRIE AVE	HIST UST	Higher	652, 0.123, West
P172	PRINOVA CO INC	1345 LOWRIE	San Mateo Co. BI	Higher	655, 0.124, WNW
L173	SHAW BAKERS	320B SHAW RD	RCRA NonGen / NLR	Lower	676, 0.128, SSE
L174	SPRINT NEXTEL CELL S	320 SHAW	San Mateo Co. BI	Lower	676, 0.128, SSE
L175	US MINT WAREHOUSE	320 SHAW	San Mateo Co. BI	Lower	676, 0.128, SSE
L176	NEW FRENCH BAKERY/LA	320B SHAW	San Mateo Co. BI	Lower	676, 0.128, SSE
L177	SPUMONI	320 SHAW	San Mateo Co. BI	Lower	676, 0.128, SSE
L178	SPECTRAVEST INC	320 SHAW RD	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Lower	676, 0.128, SSE
Q179	A P VEHICLE & EQUIPM	1394 LOWRIE	San Mateo Co. BI	Higher	682, 0.129, NNW
V180	GROSVENOR HOTEL	380 S AIRPORT BLVD	LUST, HAZNET, CERS, HWTS	Lower	685, 0.130, East
V181	GROSVENOR AIRPORT IN	380 AIRPORT	LUST, SWEEPS UST, San Mateo Co. BI	Lower	685, 0.130, East
V182	GROSVENOR AIRPORT AS	380 SO AIRPORT BLVD	LUST, HIST UST, Cortese, HIST CORTESE, CERS	Lower	685, 0.130, East
V183	BEST WESTERN GROSVEN	380 S AIRPORT BLVD	CA FID UST	Lower	685, 0.130, East
W184	AUTO PARTS CLUB LLC	130 BEACON	San Mateo Co. BI	Lower	696, 0.132, SE
M185	SOUTH SAN FRANCISCO	UNKNOWN SHAW RD & SA	HIST CORTESE	Lower	703, 0.133, SW
Q186	NELSON COMMERCIAL TI	1392 LOWRIE	San Mateo Co. BI	Higher	713, 0.135, NNW
W187	SIEGER ENGINEERING I	148 BEACON ST	RCRA-SQG, FINDS, ECHO, EMI, HAZNET, CERS, HWTS	Lower	730, 0.138, SE
W188	ULTRA CLEAN TECHNOLO	148 BEACON ST	RCRA NonGen / NLR	Lower	730, 0.138, SE
W189	ULTRA CLEAN TECHNOLO	148 BEACON ST	AST, HAZNET, HWTS	Lower	730, 0.138, SE
W190	ULTRA CLEAN TECHNOLO	148 BEACON	San Mateo Co. BI	Lower	730, 0.138, SE
X191	STEINER CORPORATION	1377 LOWRIE AVE	RCRA-SQG	Higher	732, 0.139, NNW
X192	L & N UNIFORMS	1377 LOWRIE AVE	RCRA-SQG, FINDS, ECHO	Higher	732, 0.139, NNW
X193	P & S TOWING	1375 LOWRIE	San Mateo Co. BI	Higher	735, 0.139, NNW
N194	FIRSTELEMENT FUEL IN	248 S AIRPORT BLVD	RCRA NonGen / NLR	Lower	743, 0.141, NNE
N195	JOHNNYS SHELL	248 S AIRPORT BLVD	RCRA NonGen / NLR	Lower	743, 0.141, NNE

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N196	SHELL SERVICE STATIO	248 SOUTH AIRPORT BO	LUST, Cortese, CERS	Lower	743, 0.141, NNE
N197	HAMPTON'S SERVICE, I	248 S AIRPORT BLVD	LUST, HIST UST, CERS TANKS, HAZNET, CERS, HWTS	Lower	743, 0.141, NNE
N198	HAMPTONS SERVICE INC	248 S AIRPORT BLVD	SWEEPS UST, HIST UST, CA FID UST, San Mateo Co. BI	Lower	743, 0.141, NNE
N199	IMELAD HAMPTON	248 S AIRPORT BLVD	HIST UST	Lower	743, 0.141, NNE
N200	JOHNNYS SHELL	248 S AIRPORT BLVD	UST	Lower	743, 0.141, NNE
N201	SHELL SERVICE STATIO	248 S AIRPORT BLVD	RCRA-SQG, HAZNET, HWTS	Lower	743, 0.141, NNE
N202	JOHNNY'S SHELL	248 S AIRPORT BLVD	UST	Lower	743, 0.141, NNE
N203	FIRSTELEMENT FUEL	248 S AIRPORT BLVD	CERS HAZ WASTE, CERS	Lower	743, 0.141, NNE
Q204	DIADOTI CONSTRUCTION	1461 SAN MATEO	LUST, Cortese, HIST CORTESE, CERS	Higher	743, 0.141, NNW
O205	L & D EQUIPMENT INC	220 S LINDEN AVE	RCRA NonGen / NLR	Lower	763, 0.145, SW
O206	OUTPUT ENABLERS LLC	220 S LINDEN AVE STE	RCRA NonGen / NLR	Lower	763, 0.145, SW
O207	INTERNATIONAL PAINT	220 S LINDEN AVE	SEMS-ARCHIVE, CORRACTS, RCRA-SQG, ENVIROSTOR,...	Lower	763, 0.145, SW
X208	SUPER CROWN CATERING	1381 LOWRIE	LUST, SWEEPS UST, San Mateo Co. BI, Cortese, HIST...	Higher	772, 0.146, NNW
X209	CROWN CATERING	1381 LOWRIE AVE	CA FID UST	Higher	772, 0.146, NNW
W210	PIONEER MOTOR BEARIN	116 BEACON ST	RCRA-SQG, FINDS, ECHO, EMI, HAZNET, CERS, HWTS	Lower	791, 0.150, SE
W211	PIONEER MOTOR BEARIN	116 BEACON	San Mateo Co. BI	Lower	791, 0.150, SE
T212	SHELL OIL CO	140 PRODUCE	RCRA NonGen / NLR, HIST CORTESE	Higher	794, 0.150, North
T213	GAS & WASH PARTNERS	140 PRODUCE AVE	RCRA NonGen / NLR	Higher	794, 0.150, North
T214	RONS SHELL SERVICE	140 PRODUCE	HIST UST	Higher	794, 0.150, North
T215	PRODUCE SHELL	140 PRODUCE AVE	UST	Higher	794, 0.150, North
T216	PRODUCE SHELL	140 PRODUCE AVE	CERS HAZ WASTE, SWEEPS UST, CERS TANKS, CA FID...	Higher	794, 0.150, North
T217	SHELL OIL	140 PRODUCE	LUST, San Mateo Co. BI	Higher	794, 0.150, North
T218	EQUILON ENTERPRISES	140 PRODUCE	LUST, FINDS, ECHO, Cortese, CERS	Higher	794, 0.150, North
X219	INTERSTATE BATTERY S	1383 LOWRIE	San Mateo Co. BI	Higher	801, 0.152, NNW
W220	NEW METHOD FUR DRESS	131 BEACON	San Mateo Co. BI	Lower	810, 0.153, SE
W221	NEW METHOD FUR	131 BEACON STREET	RCRA NonGen / NLR	Lower	810, 0.153, SE
W222	NEW METHOD FUR DRESS	131 BEACON ST	CERS HAZ WASTE, CERS	Lower	810, 0.153, SE
X223	PENINSULA COLOR SERV	1389 LOWRIE	San Mateo Co. BI	Higher	813, 0.154, NNW
X224	MARJORIE BAER ACCESS	1389 LOWRIE AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	813, 0.154, NNW
X225	MAJORIE BAER ACCESSO	1389 LOWRIE AVENUE	RCRA-LQG	Higher	813, 0.154, NNW
Y226	TORRES TEXACO	1299 SAN MATEO AVE	LUST, HIST UST, Cortese, CERS	Lower	841, 0.159, SW
Y227	PODIUM AUTO CENTER	1299 SAN MATEO AVE	RCRA NonGen / NLR	Lower	841, 0.159, SW
Y228	B & B TRANSMISSIONS	1299 SAN MATEO AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	841, 0.159, SW
Y229	B & B TRANSMISSIONS	1299 SAN MATEO	San Mateo Co. BI	Lower	841, 0.159, SW
Y230	PODIUM AUTO CENTER	1299 SAN MATEO	San Mateo Co. BI	Lower	841, 0.159, SW
Y231	B & B TRANSMISSIONS	1299 SAN MATEO AVE	RCRA NonGen / NLR	Lower	841, 0.159, SW
Z232	ETON BIOSCIENCE	130 PRODUCE	San Mateo Co. BI	Higher	847, 0.160, North
Z233	ETOMBIO INC DBA ETON	130 PRODUCE AVE STE	RCRA NonGen / NLR	Higher	847, 0.160, North
Z234	ETON BIOSCIENCE, INC	130 PRODUCE AVE	CERS HAZ WASTE, CERS, HWTS	Higher	847, 0.160, North

MAPPED SITES SUMMARY

Target Property Address:
101 TERMINAL COURT
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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AA235	GENERAL RENT A CAR S	410 S AIRPORT BLVD	LUST, HIST UST	Lower	849, 0.161, ESE
AA236	RPM RENT A CAR	410 S AIRPORT BLVD	SWEEPS UST	Lower	849, 0.161, ESE
AA237	RPM RENT-A-CAR	410 AIRPORT	LUST, HIST UST, CA FID UST, San Mateo Co. BI,...	Lower	849, 0.161, ESE
W238	GENERAL RENT-A-CAR	124 BEACON	LUST, Cortese, HIST CORTESE, CERS	Lower	863, 0.163, SE
W239	GENERAL RENT-A-CAR	124 BEACON ST	SWEEPS UST	Lower	863, 0.163, SE
W240	GENERAL RENT A CAR	124 BEACON	LUST, San Mateo Co. BI	Lower	863, 0.163, SE
W241	VALUE RENT-A-CAR	124 BEACON STREET	HIST UST	Lower	863, 0.163, SE
W242	MOHAMMED MALEK	147 BEACON ST	RCRA NonGen / NLR	Lower	896, 0.170, SE
W243	MOHAMED MALEK	147 BEACON ST	RCRA NonGen / NLR	Lower	896, 0.170, SE
AB244	COLOR CRAFT	255 AIRPORT	LUST, Cortese, HIST CORTESE, CERS	Higher	905, 0.171, NE
AB245	COLOR CRAFT	255 S AIRPORT BLVD	LUST	Higher	905, 0.171, NE
Y246	LC AUTO ELECTRIC	161 TANFORAN CENTER	San Mateo Co. BI	Lower	905, 0.171, SW
Y247	LEGACY AUTO TECH	161 TANFORAN AVE	CERS HAZ WASTE, CERS, HWTS	Lower	906, 0.172, SW
Y248	OSCAR M VASQUEZ LEGA	161 TANFORAN AVE	RCRA NonGen / NLR	Lower	906, 0.172, SW
Y249	DR AUTO BODY	1273 SAN MATEO AVE	RCRA NonGen / NLR	Lower	925, 0.175, SW
Y250	JOSELITOS AUTOMOTIVE	1273 SAN MATEO	San Mateo Co. BI	Lower	925, 0.175, SW
Y251	DR AUTO BODY SHOP	1273 SAN MATEO	San Mateo Co. BI	Lower	925, 0.175, SW
X252	BROKE NECK KUSTOMS I	1387 LOWRIE	San Mateo Co. BI	Higher	925, 0.175, NNW
AC253	MOBILE FOODS	326 SHAW	San Mateo Co. BI	Higher	929, 0.176, SSE
AD254	THOMPSON AIRCRAFT TI	160 BEACON ST	RCRA-SQG, LUST, SWEEPS UST, CA FID UST, FINDS,...	Lower	940, 0.178, SE
AA255	INTER CITY CLEANERS	438 S AIRPORT BLVD	RCRA-LQG, US AIRS, FINDS, ECHO, HAZNET, CERS, HWTS	Lower	943, 0.179, ESE
AA256	INTER CITY CLEANERS	438 AIRPORT	San Mateo Co. BI	Lower	943, 0.179, ESE
AA257	INTER CITY CLEANERS	438 S AIRPORT BLVD	CERS HAZ WASTE, CERS	Lower	943, 0.179, ESE
AA258	NRI SANDBLASTING & P	436 AIRPORT	San Mateo Co. BI	Lower	953, 0.180, ESE
AA259	NRI SANDBLASTING & P	436 S AIRPORT BLVD.	RCRA NonGen / NLR	Lower	953, 0.180, ESE
Y260	A & F AUTO BODY REPA	1265 SAN MATEO AVENU	San Mateo Co. BI, EMI, CERS	Lower	953, 0.180, SW
Y261	A&F AUTO BODY	1265 SAN MATEO AVE	RCRA NonGen / NLR	Lower	953, 0.180, SW
Y262	SAN BRUNO AUTO KRAFT	1269 SAN MATEO AVENU	RCRA-SQG	Lower	959, 0.182, SW
Y263	VALLEJOS AUTO BODY &	1269 SAN MATEO AVE	RCRA-SQG, WMUDS/SWAT, San Mateo Co. BI, EMI	Lower	959, 0.182, SW
Y264	VALLEJO'S AUTO BODY	1269 SAN MATEO AVE	RCRA NonGen / NLR	Lower	959, 0.182, SW
AE265	UNION PACIFIC	ADJACENT 69 SOUTH LI	CPS-SLIC, CERS	Higher	960, 0.182, NW
AD266	QUONG HOP & CO	161 BEACON	San Mateo Co. BI	Lower	961, 0.182, SE
AF267	SAN FRANCISCO HYDRAN	100 UTAH AVE	HIST UST	Lower	961, 0.182, ENE
AF268	EXHIBIT GROUP SAN FR	100 UTAH AVE	RCRA NonGen / NLR, FINDS, ECHO, HAZNET, HWTS	Lower	961, 0.182, ENE
AF269	GOODWILL INDUSTRIES	100 UTAH AVE	RCRA NonGen / NLR	Lower	961, 0.182, ENE
AF270	GREYHOUND EXPOSITION	100 UTAH AVE	CA FID UST	Lower	961, 0.182, ENE
AF271	GREYHOUND DIAL	100 UTAH	LUST, San Mateo Co. BI	Lower	961, 0.182, ENE
AF272	GREYHOUND EXPOSITION	100 UTAH AVE	LUST, CERS HAZ WASTE, HIST UST, Cortese, HIST...	Lower	961, 0.182, ENE
AF273	GOODWILL OF SAN FRAN	100 UTAH	San Mateo Co. BI	Lower	961, 0.182, ENE

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Y274	A & F AUTO BODY REPA	1261-65 SAN MATEO	San Mateo Co. BI	Lower	974, 0.184, SW
Y275	JIM GRIFFIN & SON BR	1261 SAN MATEO	San Mateo Co. BI	Lower	974, 0.184, SW
AG276	PIERCE TRUCKING	201 S LINDEN AVE	LUST	Higher	992, 0.188, WSW
AG277	PIERCE TRUCKING	201 SOUTH LINDEN AVE	LUST, Cortese, CERS	Higher	992, 0.188, WSW
AE278	UNION PACIFIC - SITE	EAST OF 69 S. LINDEN	ENVIROSTOR, VCP	Higher	998, 0.189, NW
AH279	GELCO TRUCK LEASING	1395 LOWRIE	LUST, San Mateo Co. BI	Higher	1007, 0.191, NNW
AH280	PENSKE TRUCK LEASING	1395 LOWRIE AVE	AST	Higher	1007, 0.191, NNW
AH281	GELCO TRUCK LEASING	1395 LOWRIE AVE	SWEEPS UST, CA FID UST	Higher	1007, 0.191, NNW
AH282	PENSKE TRUCK LEASING	1395 LOWRIE AVENUE	RCRA NonGen / NLR	Higher	1007, 0.191, NNW
AH283	GELCO TRUCKING LEASI	1395 LOWRIE AVE	HIST UST	Higher	1007, 0.191, NNW
AH284	GELCO TRUCKING LEASI	1395 LOWRIE AVENUE	LUST, HIST UST, Cortese, HIST CORTESE, CERS	Higher	1007, 0.191, NNW
AH285	GELCO TRUCK LEASING	1395 LOWRIE AVENUE	Notify 65	Higher	1007, 0.191, NNW
AH286	PENSKE TRUCK LEASING	1395 LOWRIE AVE	CERS HAZ WASTE, CERS TANKS, CERS	Higher	1007, 0.191, NNW
Y287	WILL-STA, INC.	1276 MONTGOMERY	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Lower	1013, 0.192, SW
288	SSF SEWAGE PUMP STAT	1479 SAN MATEO	San Mateo Co. BI	Higher	1017, 0.193, North
Y289	GRAFEN MACHINE WORKS	1245 SAN MATEO	San Mateo Co. BI	Lower	1035, 0.196, SW
Y290	LERA GLASS INC	1245 SAN MATEO AVE	RCRA NonGen / NLR	Lower	1035, 0.196, SW
AI291	JAPAN AUTO SERVICE	1249 SAN MATEO	San Mateo Co. BI	Lower	1043, 0.198, SW
AI292	SEGOVIA AUTO BODY IN	1249 SAN MATEO AVE	RCRA NonGen / NLR	Lower	1043, 0.198, SW
AJ293	ALPHA RESTORATION &	454 AIRPORT	San Mateo Co. BI	Lower	1059, 0.201, ESE
AJ294	ALPHA RESTORATION &	454 S AIRPORT BLVD	RCRA NonGen / NLR	Lower	1059, 0.201, ESE
AI295	SUPERIOR AUTO REPAIR	1253 SAN MATEO AVE	RCRA NonGen / NLR	Lower	1059, 0.201, SW
AI296	SUPERIOR AUTO REPAIR	1253 SAN MATEO AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	1059, 0.201, SW
AI297	SAN BRUNO AUTO KRAFT	1253 SAN MATEO AVE	RCRA-SQG, FINDS, ECHO, San Mateo Co. BI, EMI, CERS	Lower	1059, 0.201, SW
AK298	ULTRA CLEAN TECHNOLO	171 BEACON	San Mateo Co. BI	Lower	1066, 0.202, SE
AF299	CABLECOM LLC	137 UTAH AVE	RCRA NonGen / NLR	Lower	1067, 0.202, ENE
AA300	BOB LEECHS AUTORENTA	435 SO AIRPORT BLVD	HIST UST, CA FID UST	Lower	1084, 0.205, ESE
AA301	BOB LEECH'S AUTORENT	435 S AIRPORT BLVD	LUST, HIST UST	Lower	1084, 0.205, ESE
AA302	BOB LEECH'S AUTORENT	435 S AIRPORT BLVD	SWEEPS UST	Lower	1084, 0.205, ESE
AA303	BOB LEECH'S AUTO REN	435 AIRPORT	LUST, San Mateo Co. BI, Cortese, HIST CORTESE	Lower	1084, 0.205, ESE
Y304	SAN BRUNO TRANSFER S	101 TANFORAN AVE	SWF/LF, CERS HAZ WASTE, HAZNET, NPDES, CIWQS,...	Lower	1093, 0.207, SW
Y305	RECOLOGY SAN BRUNO D	101 TANFORAN AVE	RCRA NonGen / NLR	Lower	1093, 0.207, SW
Y306	SAN BRUNO GARBAGE CO	101 TANFORAN AVE	SWEEPS UST, CA FID UST	Lower	1093, 0.207, SW
Y307	SAN BRUNO GARBAGE CO	101 TANFORAN AVE	HIST UST	Lower	1093, 0.207, SW
Y308	SAN BRUNO GARBAGE	101 TANFORAN	San Mateo Co. BI	Lower	1093, 0.207, SW
Y309	BUDS AUTO CLINIC	1254 MONTGOMERY	San Mateo Co. BI	Lower	1102, 0.209, SW
Y310	BUDS AUTO CLINIC	1254 MONTGOMERY AVE	RCRA NonGen / NLR	Lower	1102, 0.209, SW
Y311	BUDS AUTO CLINIC	1254 MONTGOMERY AVE	CERS HAZ WASTE, CERS, HWTS	Lower	1102, 0.209, SW
AL312	U-FREIGHT AMERICA IN	405B SOUTH AIRPORT B	RCRA NonGen / NLR	Lower	1105, 0.209, East

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AL313	PACIFIC PLASTICS PRO	405 S AIRPORT BLVD	SEMS-ARCHIVE	Lower	1105, 0.209, East
AL314	PACIFIC PLASTIC PROD	405 SOUTH AIRPORT BO	ENVIROSTOR, San Mateo Co. BI, HIST CORTESE	Lower	1105, 0.209, East
AL315	GOODWILL INDUSTRIES	405B SOUTH AIRPORT B	RCRA NonGen / NLR	Lower	1105, 0.209, East
AG316	WINGFOOT	240 DOLLAR	San Mateo Co. BI	Higher	1122, 0.213, WSW
AM317	SOUTH SAN FRANCISCO	103 S LINDEN AVE	LUST, HAZNET, HWTS	Higher	1124, 0.213, NW
AM318	CHEVRON AST FACILITY	103 SOUTH LINDEN STR	CPS-SLIC, CERS	Higher	1124, 0.213, NW
AG319	MARSHAL M MIRZA INC	165 SOUTH LINDEN AVE	LUST, HIST UST	Higher	1130, 0.214, WSW
AG320	CLS GLOBAL TRANSPORT	165 S LINDEN AVE	RCRA NonGen / NLR	Higher	1130, 0.214, WSW
AG321	PACIFIC COAST CAPITA	165 S LINDEN AVE	RCRA NonGen / NLR	Higher	1130, 0.214, WSW
AG322	MIZRA/SETO PROPERTY	165 LINDEN	LUST, Cortese, HIST CORTESE, CERS	Higher	1130, 0.214, WSW
AE323	SOUTH SAN FRANCISCO	69 S LINDEN AVE	LUST, HIST UST, HAZNET, HWTS	Higher	1140, 0.216, NW
AE324	SOUTH CITY SCAVENGER	69 LINDEN	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	1140, 0.216, NW
AE325	SOUTH SAN FRANCISCO	69 SOUTH LINDEN AVEN	HIST UST, CA FID UST	Higher	1140, 0.216, NW
AE326	SOUTH SAN FRANCISCO	69 S LINDEN AVE	RCRA NonGen / NLR	Higher	1140, 0.216, NW
AE327	SOUTH CITY AUTO CENT	69 S LINDEN	CERS HAZ WASTE, CERS	Higher	1140, 0.216, NW
AE328	BAYSIDE COLLISION CE	69 S LINDEN AVE	RCRA NonGen / NLR	Higher	1140, 0.216, NW
AE329	SOUTH SAN FRANCISCO	69 S LINDEN AVE	SWEEPS UST	Higher	1140, 0.216, NW
AI330	SEGOVIA AUTO REPAIR	1229 SAN MATEO	San Mateo Co. BI	Lower	1142, 0.216, SW
AI331	CASTILLOS AUTO REPAI	1240 MONTGOMERY	San Mateo Co. BI	Lower	1142, 0.216, SW
AI332	GEORGE ABRAHAMSOHN	1240 MONTGOMERY AVE	RCRA NonGen / NLR	Lower	1142, 0.216, SW
AN333	AIRBORNE EXPRESS COR	274 WATTIS WAY	LUST, CHMIRS, Cortese, HIST CORTESE, WDS, CERS	Higher	1148, 0.217, NE
AN334	MONROE SCHNEIDER ASS	274 WATTIS	LUST, San Mateo Co. BI, HAZNET, HWTS	Higher	1148, 0.217, NE
AN335	HARMON SHRAGGE CO	280 WATTIS	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Lower	1163, 0.220, NE
AI336	THE BONEYARD	1225 SAN MATEO	San Mateo Co. BI	Lower	1164, 0.220, SW
AI337	EXPRESS CAFE	1225 SAN MATEO	San Mateo Co. BI	Lower	1164, 0.220, SW
AI338	EXPRESS CAFE	1225 SAN MATEO	San Mateo Co. BI	Lower	1164, 0.220, SW
AK339	SCAFFOLD INSPECTION	183 BEACON STREET	RCRA NonGen / NLR	Lower	1171, 0.222, SE
AK340	ATLAS METAL SPINNING	183 BEACON	San Mateo Co. BI	Lower	1171, 0.222, SE
AK341	ACCESS SYSTEMS & SOL	183 BEACON ST STE A	RCRA NonGen / NLR	Lower	1171, 0.222, SE
AM342	FOUR STAR AUTOMOTIVE	113 S LINDEN AVE	SWEEPS UST	Higher	1175, 0.223, WNW
AM343	FOUR STAR AUTOMOTIVE	113 S LINDEN AVE	RCRA-SQG, LUST, HIST UST, CA FID UST, FINDS, ECHO,...	Higher	1175, 0.223, WNW
AC344	PRE CUT SPECIALTIES	344 SHAW	San Mateo Co. BI	Lower	1176, 0.223, SSE
AI345	AMAZON AUTO BODY	1255 MONTGOMERY AVE	RCRA NonGen / NLR	Lower	1178, 0.223, SW
AI346	PRO TECH	1255 MONTGOMERY	San Mateo Co. BI	Lower	1178, 0.223, SW
AI347	AMAZON AUTOBODY	1255 MONTGOMERY AVE	RCRA NonGen / NLR	Lower	1178, 0.223, SW
AK348	CALIFORNIA PACKAGING	184 BEACON STREET	HIST UST	Lower	1188, 0.225, SE
AJ349	ATLAS METAL SPINNING	470 S AIRPORT BLVD	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Lower	1189, 0.225, SE
AO350	EURO AUTOBODY	119 S LINDEN AVE	CERS HAZ WASTE, EMI	Higher	1191, 0.226, WNW
AO351	EURO AUTOBODY	119 SOUTH LINDEN AVE	RCRA NonGen / NLR	Higher	1191, 0.226, WNW

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AO352	PRESSURE GROUT COMPA	125 LINDEN	LUST, Cortese, HIST CORTESE, CERS	Higher	1191, 0.226, WNW
AG353	MERCURY TOURS	180 S LINDEN AVE	RCRA NonGen / NLR	Higher	1193, 0.226, WSW
AP354	ACUTECH AUTOS INC	57 S LINDEN AVE	RCRA NonGen / NLR	Higher	1204, 0.228, NW
AP355	ROGERS TRUCKS & EQUI	57 S LINDEN AVE	RCRA NonGen / NLR	Higher	1204, 0.228, NW
AP356	CALISTOGA WATER	57 SOUTH LINDEN AVEN	SEMS	Higher	1204, 0.228, NW
AP357	ROGERS TRUCKS & EQUI	57 S LINDEN AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	1204, 0.228, NW
AP358	ACUTECH AUTO	57 S LINDEN AVE	CERS HAZ WASTE, CERS	Higher	1204, 0.228, NW
AP359	SKYLINE COACH INC	57 S LINDEN AVE	RCRA NonGen / NLR	Higher	1204, 0.228, NW
AP360	UNION PACIFIC RAILRO	57 SOUTH LINDEN AVE	RCRA-VSQG	Higher	1204, 0.228, NW
AO361	PRESSURE GROUT COMPA	125 S LINDEN AVE	LUST	Higher	1206, 0.228, WNW
AO362	PRESSURE GROUT COMPA	125 SOUTH LINDEN AVE	LUST, Cortese, HIST CORTESE, CERS	Higher	1206, 0.228, WNW
AO363	BLUE SKY AUTO BODY	125 S LINDEN	RCRA NonGen / NLR	Higher	1206, 0.228, WNW
AO364	BLUE SKY AUTO BODY I	125 S LINDEN AVE	CERS HAZ WASTE, EMI, CERS	Higher	1206, 0.228, WNW
AO365	OGDEN AVIATION SERVI	129 S LINDEN AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	1211, 0.229, West
AO366	AP ENTERPRISE	129 S LINDEN AVE	AST	Higher	1211, 0.229, West
AO367	MASTERTEC INC DBA AP	129 S LINDEN AVE	RCRA NonGen / NLR	Higher	1211, 0.229, West
AO368	PRIMEFLIGHT AVIATION	129 S LINDEN AVE	RCRA NonGen / NLR	Higher	1211, 0.229, West
AO369	PKS TOWING & BODY SH	129 SOUTH LINDEN	RCRA-SQG, FINDS, ECHO	Higher	1211, 0.229, West
AI370	KUSBER ENTERPRISES	1213 SAN MATEO	San Mateo Co. BI	Lower	1219, 0.231, SW
AI371	CRANKSHAFT CORPORATI	1247 MONTGOMERY	San Mateo Co. BI	Lower	1219, 0.231, SW
AI372	HOOKER-KOLB MEAT CO	1247 MONTGOMERY AVE	HIST UST, San Mateo Co. BI	Lower	1219, 0.231, SW
AK373	TRICOR CALIFORNIA, I	182 BEACON ST	LUST, HIST UST, Cortese, HIST CORTESE, CERS	Lower	1221, 0.231, SE
AK374	ULTRA CLEAN TECHNOLO	182-184 BEACON	San Mateo Co. BI	Lower	1221, 0.231, SE
AK375	TRI-COR INTERNATIONA	182 BEACON STREET	HIST UST, HAZNET, HWTS	Lower	1221, 0.231, SE
AK376	TRICOR	182 BEACON	LUST	Lower	1221, 0.231, SE
AK377	TRI-COR INTERNATIONA	182 BEACON ST	HIST UST	Lower	1221, 0.231, SE
AQ378	MIKES COLLISION CENT	137 SO LINDEN AVE	RCRA-SQG, FINDS, ECHO	Higher	1222, 0.231, West
AQ379	PRESTIGE AUTO BODY A	143 SO LINDEN AVE	RCRA NonGen / NLR	Higher	1233, 0.234, West
AQ380	PRESTIGE AUTO BODY	143 S LINDEN AVE	CERS HAZ WASTE	Higher	1233, 0.234, West
AR381	1245 MONTGOMERY AVE	1245 MONTGOMERY AVEN	LUST, Cortese, CERS	Higher	1256, 0.238, SW
AR382	PHASE II CORP	1229 MONTGOMERY	RCRA-SQG, ENVIROSTOR, CPS-SLIC, SWEEPS UST, HIST...	Higher	1256, 0.238, SW
AR383	PHASE II	1245 MONTGOMERY	San Mateo Co. BI	Higher	1256, 0.238, SW
AR384	PRESTIGE AUTO BODY &	1245A MONTGOMERY	San Mateo Co. BI	Higher	1256, 0.238, SW
AR385	PHASE II	1245 MONTGOMERY AVEN	HIST UST, HAZNET, HWTS	Higher	1256, 0.238, SW
AR386	MOBILE ACTION AUTO B	1245A MONTGOMERY	San Mateo Co. BI	Higher	1256, 0.238, SW
AR387	1245 MONTGOMERY AVE	1245 MONTGOMERY AVEN	CPS-SLIC	Higher	1256, 0.238, SW
AR388	PHASE II	1245 MONTGOMERY	San Mateo Co. BI	Higher	1256, 0.238, SW
AR389	PRESTIGE AUTO BODY	1245 MONTGOMERY	San Mateo Co. BI	Higher	1256, 0.238, SW
AS390	MERCK SHARP & DOHME	340 SHAW RD	RCRA NonGen / NLR, FINDS, ECHO	Lower	1257, 0.238, SSE

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AS391	RENTAL CAR SHUTTLE	340 SHAW	San Mateo Co. BI	Lower	1257, 0.238, SSE
AT392	A SILVESTRI CORPORAT	149 SOUTH LINDEN AVE	RCRA NonGen / NLR	Higher	1257, 0.238, West
AT393	SILVESTRI	149 S LINDEN	CERS HAZ WASTE, CERS	Higher	1257, 0.238, West
AK394	K WILSON & COMPANY I	189 BEACON ST	RCRA NonGen / NLR	Lower	1259, 0.238, SE
AK395	K WILSON & COMPANY I	189 BEACON	San Mateo Co. BI	Lower	1259, 0.238, SE
AM396	SOUTH LINDEN, LLC	88 S LINDEN AVE	RCRA NonGen / NLR	Higher	1263, 0.239, NW
AM397	PINNICLE PRODUCTIONS	88 S LINDEN AVE	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Higher	1263, 0.239, NW
AU398	GRANITE EXCAVATION A	160 S. LINDEN AVE, S	RCRA NonGen / NLR	Higher	1268, 0.240, WSW
AU399	DUPONT	160 LINDEN	RESPONSE, ENVIROSTOR, LUST, San Mateo Co. BI,...	Higher	1268, 0.240, WSW
AU400	WEST COAST AUTOMOTIV	160 S LINDEN AVE	LUST, HAZNET, HWP, HWTS	Higher	1268, 0.240, WSW
AU401	WEST COAST AUTOMOTIV	160 S LINDEN AVE	HIST UST, ICE	Higher	1268, 0.240, WSW
AU402	DUPONT/ KANSAI AUTOM	160 S LINDEN AVE	SEMS-ARCHIVE, CORRACTS, RCRA NonGen / NLR	Higher	1268, 0.240, WSW
AU403	WEST COAST AUTOMOTIV	160 S LINDEN AVE	ENVIROSTOR, CERS	Higher	1268, 0.240, WSW
AU404	E I DUPONT AUTO SERV	160 S LINDEN AVE	CA FID UST	Higher	1268, 0.240, WSW
AU405	E.I. DUPONT DE NEMOU	160 SOUTH LINDEN AVE	HIST Cal-Sites	Higher	1268, 0.240, WSW
AU406	SFO AIRPORTER INC	160 S LINDEN AVE	AST	Higher	1268, 0.240, WSW
AU407	SFO AIRPORTER INC	160 S LINDEN AVE	CERS HAZ WASTE, CERS TANKS, CERS	Higher	1268, 0.240, WSW
AU408	DC3 THERAPEUTICS LLC	160 S LINDEN AVE STE	RCRA NonGen / NLR	Higher	1268, 0.240, WSW
AU409	GRANITE EXCAVATION &	160 S LINDEN AVE STE	RCRA NonGen / NLR	Higher	1268, 0.240, WSW
AU410	E.I. DUPONT DE NEMOU	160 S LINDEN AVE	HIST UST, NPDES, CERS	Higher	1268, 0.240, WSW
AU411	SFO AIRPORTER INC DB	160 S LINDEN AVE STE	RCRA NonGen / NLR	Higher	1268, 0.240, WSW
AU412	E I DUPONT DE NEMONE	160 S LINDEN AVE	SWEEPS UST, HIST UST	Higher	1268, 0.240, WSW
AU413	ACCURATE PRINTING	160 S LINDEN AVE #12	RCRA NonGen / NLR	Higher	1268, 0.240, WSW
AN414	EVENT MANAGEMENTS	277 WATTIS	San Mateo Co. BI	Higher	1268, 0.240, NE
AN415	CLARKLIFT OF SAN FRA	277 WATTIS WAY	RCRA-SQG, HIST UST, FINDS, ECHO, HAZNET, HWTS	Higher	1268, 0.240, NE
AN416	ROY BRIZIO STREET RO	263 WATTIS	San Mateo Co. BI	Higher	1272, 0.241, NE
AI417	ROROS AUTO REPAIR IN	1212 MONTGOMERY AVE	RCRA NonGen / NLR	Higher	1272, 0.241, SW
AI418	RORO'S AUTO BODY	1212 MONTGOMERY	San Mateo Co. BI	Higher	1272, 0.241, SW
AI419	PRIMESHAPE AUTOBODY	1212 MONTGOMERY AVE	RCRA NonGen / NLR	Higher	1272, 0.241, SW
AI420	PRIMESHAPE AUTOBODY	1212 MONTGOMERY AVE	RCRA-SQG, FINDS, ECHO, San Mateo Co. BI, EMI,...	Higher	1272, 0.241, SW
AI421	M&H COLLISION LLC	1212 MONTGOMERY AVE	RCRA NonGen / NLR	Higher	1272, 0.241, SW
AI422	M&H COLLISION LLC	1212 MONTGOMERY	San Mateo Co. BI	Higher	1272, 0.241, SW
AI423	CALIFORNIA ETCHING C	1212 MONTGOMERY	San Mateo Co. BI	Higher	1272, 0.241, SW
AN424	SAMSON PRESS	261 WATTIS	San Mateo Co. BI	Higher	1273, 0.241, NE
AN425	SAN FRANCISCO DELUXE	259 WATTIS AVE - ADJ	San Mateo Co. BI	Higher	1274, 0.241, NE
AM426	KEN MANUFACTURING CO	78 SOUTH LINDEN AVEN	ENVIROSTOR	Higher	1277, 0.242, NW
AM427	KEM MFG CORP	78 S LINDEN AVE	SEMS-ARCHIVE	Higher	1277, 0.242, NW
AP428	MIRAGE REPAIR SHOP	49 S LINDEN	CERS HAZ WASTE, CERS	Higher	1288, 0.244, NNW
AP429	MIRAGE REPAIR SHOP	49 S LINDEN AVE	RCRA NonGen / NLR	Higher	1288, 0.244, NNW

MAPPED SITES SUMMARY

Target Property Address:
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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AM430	RALPH KING FURNITURE	100 S LINDEN AVE	RCRA NonGen / NLR	Higher	1290, 0.244, WNW
AM431	RALPH KING FURNITURE	100 S LINDEN AVE	CERS HAZ WASTE	Higher	1290, 0.244, WNW
AI432	CERTIFIED AUTOBODY	1201 SAN MATEO AVE	RCRA NonGen / NLR	Lower	1293, 0.245, SSW
AI433	BUG AUTO BODY & SALE	1201 SAN METEO AVE	RCRA-SQG, FINDS, ECHO	Lower	1293, 0.245, SSW
AI434	FANGS AUTO	1201 SAN MATEO AVE	RCRA NonGen / NLR	Lower	1293, 0.245, SSW
AI435	CERTIFIED AUTO BODY	1201 SAN MATEO	San Mateo Co. BI	Lower	1293, 0.245, SSW
AI436	FANG'S AUTO	1201 SAN MATEO AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	1293, 0.245, SSW
AM437	HARRIS BROTHERS AUTO	104 S LINDEN AVE	CERS HAZ WASTE, CERS	Higher	1297, 0.246, WNW
AM438	HARRIS BROS AUTO BOD	104 S LINDEN AVE	RCRA NonGen / NLR	Higher	1297, 0.246, WNW
AO439	ALL PETROLEUM RECOVE	114 SO LINDEN AVE	RCRA NonGen / NLR	Higher	1298, 0.246, WNW
AP440	PENSKE TRUCK LEASING	62 S LINDEN AVE	RCRA-SQG	Higher	1300, 0.246, NW
AP441	HERTZ-PENSKE TRUCK L	62 S LINDEN AVENUE	HIST UST, CA FID UST	Higher	1300, 0.246, NW
AP442	PENSKE TRUCK LEASING	62 LINDEN	LUST, SWEEPS UST, CHMIRS, San Mateo Co. BI,...	Higher	1300, 0.246, NW
AP443	PENSKE TRUCK LEASING	62 SOUTH LINDEN AVEN	UST	Higher	1300, 0.246, NW
AP444	PENSKE TRUCK LEASING	62 SOUTH LINDEN AVEN	AST	Higher	1300, 0.246, NW
AP445	HERTZ-PENSKE TRUCK L	62 S LINDEN AVE	LUST, HIST UST	Higher	1300, 0.246, NW
AP446	PENSKE TRUCK LEASING	62 SOUTH LINDEN AVEN	CERS HAZ WASTE, CERS TANKS, CERS	Higher	1300, 0.246, NW
AR447	RMD AUTO BODY	1229 MONTGOMERY AVE	RCRA NonGen / NLR	Higher	1302, 0.247, SW
AR448	MUSCAT AUTO BODY	1229 MONTGOMERY	San Mateo Co. BI	Higher	1302, 0.247, SW
AR449	RMD AUTO LLC	1229 MONTGOMERY	San Mateo Co. BI	Higher	1302, 0.247, SW
AR450	MUSCAT AUTOBODY	1229 MONTGOMERY	San Mateo Co. BI, HAZNET, HWTS	Higher	1302, 0.247, SW
AM451	UNITED PERFORMANCE C	108 SOUTH LINDEN AVE	RCRA NonGen / NLR	Higher	1302, 0.247, WNW
AM452	FRIENDSHIP PRINTING	108 S LINDEN AVE	LUST, HAZNET, HWTS	Higher	1302, 0.247, WNW
AM453	U-SAVE PLUMBING HARD	108 LINDEN	LUST, San Mateo Co. BI, Cortese	Higher	1302, 0.247, WNW
AM454	U-SAVE PLUMBING HARD	108 SOUTH LINDEN AVE	DEED, CERS	Higher	1302, 0.247, WNW
AM455	UNITED PERFORMANCE C	108 S LINDEN	CERS HAZ WASTE, CERS	Higher	1302, 0.247, WNW
AV456	TRANSFUSION HEALTH L	16 AIRPORT BLVD STE	RCRA NonGen / NLR	Higher	1304, 0.247, North
AI457	UNIQUE CUSTOM COLLIS	1200 MONTGOMERY AVE	FINDS, ECHO, San Mateo Co. BI, EMI	Higher	1304, 0.247, SW
AI458	UNIQUE CUSTOM COLLIS	1200 MONTGOMERY AVE	RCRA NonGen / NLR	Higher	1304, 0.247, SW
AV459	WESTERN PAINTING CO	21 AIRPORT	San Mateo Co. BI	Higher	1306, 0.247, North
AV460	ANTECH DIAGNOSTICS S	21 AIRPORT BLVD	RCRA NonGen / NLR	Higher	1306, 0.247, North
AV461	ANTECH DIAGNOSTICS -	21 AIRPORT	San Mateo Co. BI	Higher	1306, 0.247, North
AO462	JP AUTO BODY	112 S LINDEN AVE	RCRA NonGen / NLR	Higher	1308, 0.248, WNW
AO463	SHERWIN WILLIAMS CO	112 S LINDEN AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1308, 0.248, WNW
AO464	JP AUTO BODY	112 S LINDEN AVE	CERS HAZ WASTE, EMI, HAZNET, CERS, HWTS	Higher	1308, 0.248, WNW
AW465	UPRR LINDEN (AKA UNI	EAST OF 27 SOUTH LIN	ENVIROSTOR, VCP, DEED	Higher	1319, 0.250, NNW
AO466	REICHOLD CHEMICALS,	120 SOUTH LINDEN	RESPONSE, ENVIROSTOR, HIST Cal-Sites	Higher	1335, 0.253, WNW
AX467	U FREIGHT AMERICA IN	320 COREY	LUST, Cortese, HAZNET, HIST CORTESE, CERS, HWTS	Lower	1336, 0.253, East
AX468	U-FREIGHT AMERICA IN	320 COREY	LUST	Lower	1336, 0.253, East

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469	SAN BRUNO GLASS CENT	1160 SAN MATEO AVE	LUST, HIST UST, Cortese, HIST CORTESE, CERS	Lower	1419, 0.269, SSW
AY470	SO LINDEN OLYMPIC	35 SO LINDEN AVE	LUST, HIST UST	Higher	1431, 0.271, NNW
AY471	OLYMPIAN SSF TERMINA	35 LINDEN	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	1431, 0.271, NNW
AZ472	BUDGET RENT A CAR	177 AIRPORT	LUST, Cortese, HIST CORTESE, CERS	Higher	1488, 0.282, NNE
AZ473	BUDGET RENT A CAR	177 S AIRPORT BLVD	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Higher	1488, 0.282, NNE
474	COSTCO WHOLESALE NO	451 SOUTH AIRPORT BO	RCRA-LQG, ENVIROSTOR, HAZNET, CERS, HWTS	Higher	1502, 0.284, ESE
AY475	CALEGARI PROPERTY	40 LINDEN	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	1512, 0.286, NNW
AW476	BASAPCO, INC.	27-S. LINDEN	ENVIROSTOR, VCP, DEED	Higher	1516, 0.287, NNW
AW477	BASAPCO INC	27 S LINDEN AVE	SEMS-ARCHIVE	Higher	1516, 0.287, NNW
478	JACKSON ARMS (FORMER	152 UTAH AVENUE	CPS-SLIC, CERS	Lower	1532, 0.290, ENE
479	BURLINGTON AIR EXPRE	140 BELLE AIR	LUST, Cortese, HIST CORTESE, CERS	Higher	1540, 0.292, ESE
AY480	LOPEZ PROPERTY	34-36 SOUTH LINDEN A	CPS-SLIC, CERS	Higher	1555, 0.295, NNW
BA481	SFO HOTEL SHUUTLE IN	54 TANFORAN AVE	CPS-SLIC, HAZNET, CERS, HWTS	Higher	1579, 0.299, SW
BB482	SOUTH SAN FRANCISCO	515 S AIRPORT BLVD	LUST, HIST UST	Lower	1616, 0.306, SE
BB483	SHELL	515 SOUTH AIRPORT BO	LUST, Cortese, HIST CORTESE, CERS	Lower	1616, 0.306, SE
BB484	PARK SFO	501 SOUTH AIRPORT BO	LUST, HIST UST, NPDES, CIWQS, CERS	Lower	1617, 0.306, SE
BB485	EMERY AIR FREIGHT	501 AIRPORT	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Lower	1617, 0.306, SE
486	BARBER-GREENE CO.	320 VICTORY AVENUE	LUST, CHMIRS, San Mateo Co. BI, Cortese, CERS	Higher	1619, 0.307, NW
BA487	EFL TRANSPORTATION	50 TANFORAN	LUST, SWEEPS UST, HIST UST, San Mateo Co. BI,...	Higher	1694, 0.321, SW
BC488	LA MARK TRANSPORTATI	26 LINDEN	LUST, SWEEPS UST, San Mateo Co. BI, Cortese, HIST...	Higher	1753, 0.332, NNW
BC489	ZARC RECYCLING	26 SOUTH LINDEN AVE	LUST, SWRCY, HAZNET, NPDES, CIWQS, CERS, HWTS	Higher	1753, 0.332, NNW
BD490	AUTO SERVICE PROPERT	1080 SAN MATEO	LUST, Cortese, HIST CORTESE, CERS	Lower	1767, 0.335, SSW
491	WATER QUALITY CONTRO	195 BELLE AIR RD	HIST UST, CHMIRS, Cortese	Higher	1794, 0.340, ESE
BE492	BAY BRIDGE HARDWARE	151 MITCHELL	LUST, SWEEPS UST, San Mateo Co. BI	Lower	1801, 0.341, NE
BE493	BAY BRIDGE HARDWARE	151 MITCHELL AVENUE	LUST, Cortese, HIST CORTESE, CERS	Lower	1801, 0.341, NE
BD494	CYCLE SHACK,INC	1104 SAN MATEO	ENVIROSTOR, LUST, SWEEPS UST, HIST UST, CA FID...	Lower	1815, 0.344, SSW
BF495	MERRY X RAY CHEMICAL	131 S MAPLE AVE UNIT	RCRA NonGen / NLR, HAZNET, HWP, HWTS	Higher	1819, 0.345, NW
BG496	ALICIA'S MARKET DELI	7 S LINDEN AVE	LUST, HAZNET, HWTS	Higher	1855, 0.351, NNW
BG497	UNION CARBIDE CORP.	7 SOUTH LINDEN AVENU	LUST, Cortese, CERS	Higher	1855, 0.351, NNW
BD498	PACIFIC BELL	1101 SAN MATEO AVENU	RCRA-LQG, LUST, SWEEPS UST, FINDS, San Mateo Co....	Higher	1870, 0.354, SSW
BD499	FEDERAL SUPPLY WAREH	1070 SAN MATEO	LUST, SWEEPS UST, San Mateo Co. BI, Cortese, HIST...	Lower	1876, 0.355, SSW
BC500	SUN CHEMICAL CORPORA	20 SOUTH LINDEN AVEN	RESPONSE, ENVIROSTOR, DEED	Higher	1915, 0.363, NNW
BC501	SUN CHEMICAL CORPORA	20 SOUTH LINDEN AVEN	HIST Cal-Sites	Higher	1915, 0.363, NNW
BC502	SUN CHEMICAL CORPORA	20 SOUTH LINDEN AVEN	CA BOND EXP. PLAN	Higher	1915, 0.363, NNW
BH503	SIMPSON COATINGS GRP	111 MAPLE	CPS-SLIC, San Mateo Co. BI, CERS	Higher	1930, 0.366, NW
BH504	SIMPSON COATINGS	111 S MAPLE AVE	LUST	Higher	1930, 0.366, NW
BF505	INTERSTATE GRADING A	128 SOUTH MAPLE AVEN	LUST, HIST UST	Higher	1935, 0.366, NW
BF506	INTERSTATE GRADING	128 MAPLE	LUST, SWEEPS UST, San Mateo Co. BI, Cortese, HIST...	Higher	1935, 0.366, NW
BF507	NSFL CENTRAL	132 SOUTH MAPLE AVEN	LUST, CERS HAZ WASTE, HIST UST, CERS TANKS, CERS	Higher	1942, 0.368, NW

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BF508	SF ENGINE REMANUFACT	132 MAPLE	LUST, Cortese, HIST CORTESE, CERS	Higher	1942, 0.368, NW
509	DECCA XAGON	338 N CANAL ST	SEMS-ARCHIVE	Higher	1958, 0.371, NNW
BI510	CTC FOOD INTERNATION	131 HARRIS	LUST, San Mateo Co. BI	Higher	1972, 0.373, NNE
BI511	CTC FOOD INTERNATION	131 WEST HARRIS AVEN	LUST, Cortese, CERS	Higher	1972, 0.373, NNE
BI512	CTC FOOD INTERNATION	131 HARRIS	LUST, HIST CORTESE	Higher	1972, 0.373, NNE
513	NEW ENGLAND LOBSTER	191 MITCHELL AVE	SEMS	Lower	1977, 0.374, NE
BF514	CARLIN COMPANY	120 MAPLE	LUST, Cortese, HIST CORTESE, CERS	Higher	1995, 0.378, NW
BF515	CARLIN CO	120 S MAPLE	LUST, SWEEPS UST	Higher	1995, 0.378, NW
BJ516	MALASPINA PROPERTY	30 TANFORAN AVE	LUST	Higher	2010, 0.381, WSW
BJ517	MALASPINA PROPERTY (	30 TANFORAN AVENUE	LUST, San Mateo Co. BI, Cortese, CERS	Higher	2010, 0.381, WSW
BJ518	MALASPINA PROPERTY	30 TANFORAN AVENUE	CPS-SLIC, CERS	Higher	2010, 0.381, WSW
BH519	ARTHUR BUZZ HASKINS	114 SO MAPLE AVE	LUST, HIST UST, HAZNET, HWTS	Higher	2043, 0.387, NW
BH520	DOUBLE O SITE SERVIC	114 SOUTH MAPLE	SWF/LF	Higher	2043, 0.387, NW
BH521	R.E.H. PROPERTIES	114 MAPLE	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2043, 0.387, NW
BK522	LUCCA PACKING CORPOR	360 HARBOR	LUST, Cortese, HIST CORTESE, CERS	Lower	2118, 0.401, East
BK523	LUCCA PACKING	360 HARBOR	LUST, San Mateo Co. BI	Lower	2118, 0.401, East
BL524	THE PROPERTY	405 VICTORY	LUST, San Mateo Co. BI	Higher	2134, 0.404, WNW
BL525	THE PROPERTY	405 VICTORY	LUST, Cortese, HIST CORTESE, CERS	Higher	2134, 0.404, WNW
BM526	PELLEGRINI BROS WINE	272 MAPLE	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2156, 0.408, West
BM527	PELLEGRINI BROS WINE	272 SO MAPLE AVE	LUST, HIST UST	Higher	2156, 0.408, West
BN528	1089 MONTGOMERY AVE	1089 MONTGOMERY AVEN	ENVIROSTOR	Higher	2172, 0.411, SSW
BO529	SLAKEY BROTHERS 26	162 HARRIS	LUST, San Mateo Co. BI	Lower	2197, 0.416, NE
BO530	TROYER AUTOMATIC DOO	162 WEST HARRIS AVEN	LUST, Cortese, CERS	Lower	2197, 0.416, NE
BP531	BARBARA BUTLER ARTIS	325 S MAPLE AVE #37	CPS-SLIC, HWTS	Higher	2235, 0.423, WSW
BP532	POETSCH PETERSON TAN	325 SOUTH MAPLE AVE	CPS-SLIC, CERS	Higher	2235, 0.423, WSW
BP533	POETSCH AND PETERSON	325 SOUTH MAPLE AVEN	ENVIROSTOR	Higher	2235, 0.423, WSW
BM534	MARYATT INDUSTRIES	290 S NAPLE AVE	RCRA-SQG, CPS-SLIC, HIST UST, FINDS, ECHO, HAZNET,...	Higher	2246, 0.425, West
BQ535	SHELL OIL COMPANY	135 N ACCESS RD	Cortese, HAZNET, HWTS	Higher	2248, 0.426, ESE
BQ536	SHELL OIL PRODUCTS U	135 N ACCESS RD	RCRA-SQG, CPS-SLIC	Higher	2248, 0.426, ESE
BQ537	SHELL OIL PROD US EQ	135 N ACCESS RD	ENVIROSTOR, WDS, CIWQS	Higher	2248, 0.426, ESE
BQ538	SHELL	135 ACCESS RD N	LUST, CPS-SLIC, ENF, HIST CORTESE, CERS	Higher	2248, 0.426, ESE
BR539	SAN FRANCISCO INTL	SFO	PFAS	Lower	2295, 0.435, SE
BS540	ASSOCIATED TRUCKING,	1065 SAN MATEO AVE.	SWF/LF, CERS	Higher	2298, 0.435, SSW
BT541	SEWAGE PUMP STATION	249 HARBOR	LUST, Cortese, HIST CORTESE, CERS	Lower	2306, 0.437, NE
BT542	SEWAGE PUMP STATION	249 HARBOR	LUST, San Mateo Co. BI	Lower	2306, 0.437, NE
BU543	UNION CARBIDE CORP.	7 LINDEN	LUST, San Mateo Co. BI	Higher	2334, 0.442, NNW
BU544	UNION CARBIDE CORP	7 LINDEN	HIST CORTESE	Higher	2334, 0.442, NNW
BP545	HOFFMAN BROTHERS	306 MAPLE	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2335, 0.442, West
BN546	PENINSULA TOW SERVIC	1071 MONTGOMERY	HIST CORTESE	Higher	2354, 0.446, SSW

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BN547	PENINSULA TOW SERVIC	1071 MONTGOMERY	LUST, San Mateo Co. BI, Cortese, CERS	Higher	2354, 0.446, SSW
BQ548	SFIA - SHELL OIL BAR	150 NORTH ACCESS RD.	CPS-SLIC, CERS	Lower	2358, 0.447, ESE
BO549	AVIS CAR RENTAL	230 HARBOR WAY	RCRA-LQG, LUST, HIST UST, CERS TANKS, FINDS, ECHO,...	Lower	2362, 0.447, NE
BV550	ALAN BAKER PROPERTY	180 SYLVESTER ROAD	LUST, CPS-SLIC, San Mateo Co. BI, CERS	Higher	2370, 0.449, NNE
BU551	LOPEZ PROPERTY	34-36 S LINDEN AVE	LUST	Higher	2382, 0.451, NNW
BR552	SAN FRANCISCO INTL	SFO	PFAS	Lower	2394, 0.453, SE
BQ553	TILLO PRODUCTS CO CO	175 N. ACCESS RD.	SWF/LF, CERS	Higher	2394, 0.453, ESE
BV554	KB SOUTH SAN FRANCIS	175 SYLVESTER	LUST, San Mateo Co. BI, Cortese, CERS	Higher	2409, 0.456, NNE
BU555	FACILITY 10745 TANK	50 LINDEN	San Mateo Co. BI, HIST CORTESE	Higher	2410, 0.456, NNW
BW556	ROBERT FABRIS	419 S CANAL ST	LUST, HAZNET, HWTS	Higher	2414, 0.457, NW
BW557	WALL STREET PROPERTI	419 CANAL	LUST, SWEEPS UST, San Mateo Co. BI, Cortese, HIST...	Higher	2414, 0.457, NW
BU558	UNKNOWN	58 LINDEN	HIST CORTESE	Higher	2423, 0.459, NNW
BU559	SUN CHEMICAL	20 LINDEN AVE S	CPS-SLIC, CERS	Higher	2451, 0.464, NNW
BU560	SUN CHEMICAL	20-40 S LINDEN AVE	SEMS-ARCHIVE	Higher	2451, 0.464, NNW
BS561	VINCE'S SHELLFISH CO	1063 MONTGOMERY AVE	Cortese, HAZNET, HWTS	Higher	2455, 0.465, SSW
BS562	VINCE'S SHELLFISH	1063 MONTGOMERY	LUST	Higher	2455, 0.465, SSW
BS563	VINCE'S SHELLFISH	1063 MONTGOMERY	LUST, San Mateo Co. BI, HIST CORTESE	Higher	2455, 0.465, SSW
BX564	BOOTH, MARTIN F	161 STARLIGHT	San Mateo Co. BI, HIST CORTESE	Higher	2534, 0.480, NW
BX565	VALLEY SHEET METAL	161 STARLITE	LUST, SWEEPS UST, HIST UST, CA FID UST, San Mateo...	Higher	2539, 0.481, NW
BW566	MORENA TRUST	437 SOUTH CANAL STRE	CPS-SLIC, CERS	Higher	2541, 0.481, NW
BV567	ALLAN BAKER COMPANY	160 SYLVESTER	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2547, 0.482, NNE
BV568	PONY EXPRESS	108 SYLVESTER	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2551, 0.483, NNE
BV569	VACENT LOT	108 SYLVESTER ROAD	Notify 65	Higher	2551, 0.483, NNE
570	OLYMPIAN GATEWAY	176 GATEWAY	LUST, CERS HAZ WASTE, CERS TANKS, San Mateo Co....	Lower	2557, 0.484, NNE
BW571	JAPAN PARTS	428 N CANAL ST	LUST, HAZNET, HWTS	Higher	2560, 0.485, NW
BW572	EL CAMINO LINES	428 CANAL	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2560, 0.485, NW
573	416 BROWNING (FMR GO	416 BROWNING WAY	CPS-SLIC, EMI, CERS	Higher	2560, 0.485, West
BY574	AIRPORT BLVD SERVICE	190 AIRPORT	LUST, Cortese, HIST CORTESE, CERS	Higher	2569, 0.487, North
BY575	FORMER GAS STATION	190 AIRPORT	LUST, San Mateo Co. BI	Higher	2569, 0.487, North
BW576	MORENA TRUST	111 STARLITE STREET	ENVIROSTOR, VCP	Higher	2575, 0.488, NW
577	ASSOCIATED ROAD PARC	0 ASSOCIATED ROAD	CPS-SLIC, CERS	Higher	2583, 0.489, NNE
578	AGUNDIS TIRE SHOP	110 LINDEN	LUST, HAULERS, San Mateo Co. BI, Cortese, HIST...	Higher	2585, 0.490, North
BX579	COULTERS CARPETS	150 STARLITE	LUST, SWEEPS UST, San Mateo Co. BI, Cortese, HIST...	Higher	2589, 0.490, NW
BZ580	H.S. CROCKER CO.	1000 SAN MATEO	LUST, San Mateo Co. BI, HIST CORTESE, CERS	Higher	2597, 0.492, SSW
BZ581	H.S. CROCKER CO.	1000 SAN MATEO	LUST, Cortese	Higher	2597, 0.492, SSW
BX582	J.R. FLYNN CO.	138 STARLITE	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2604, 0.493, NW
CA583	PARK SFO	195 NORTH ACCESS ROA	LUST, HAZNET, NPDES, CERS, HWTS	Higher	2628, 0.498, ESE
CA584	TRUX AIRLINE CARGO S	195 ACCESS	LUST, CPS-SLIC, San Mateo Co. BI, Cortese, HIST...	Higher	2628, 0.498, ESE
BY585	ESCHELBACH PROPERTIE	100 BADEN	LUST, SWEEPS UST, San Mateo Co. BI, Cortese, HIST...	Higher	2635, 0.499, North

MAPPED SITES SUMMARY

Target Property Address:
101 TERMINAL COURT
SOUTH SAN FRANCISCO, CA 94080

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
586	CALTRANS/SSF MAINTEN	166 HARBOR WAY	ENVIROSTOR, VCP, HIST CORTESE	Lower	2955, 0.560, NE
587	INTERNATIONAL PAINT	220 LINDEN	ENVIROSTOR, San Mateo Co. BI, HIST CORTESE	Higher	3038, 0.575, North
CB588	CAMP TANFORAN		ENVIROSTOR	Higher	3207, 0.607, WSW
CB589	CAMP TANFORAN		FUDS	Higher	3228, 0.611, WSW
590	AIRPORT BOULEVARD PR	309/315/401/411/421	ENVIROSTOR, VCP	Higher	3429, 0.649, North
CC591	EXIDE CORP	286 LAWRENCE AVE	ENVIROSTOR, CPS-SLIC, HIST CORTESE, HWP, CERS	Lower	3517, 0.666, ENE
CC592	EXIDE SAN FRANCISCO	286 LAWRENCE AVENUE	ENVIROSTOR	Lower	3517, 0.666, ENE
CC593	EXIDE SAN FRANCISCO	286 LAWRENCE AVE	SEMS-ARCHIVE, CORRACTS, RCRA-SQG, 2020 COR ACTION,	Lower	3517, 0.666, ENE
594	AUTOHAUS	675 EAST SAN BRUNO A	LUST, San Mateo Co. BI, Cortese, Notify 65, CERS	Lower	3710, 0.703, South
595	FLAT RATE RENT A CAR	830 HUNTINGTON AVENU	HIST CORTESE, Notify 65	Higher	3941, 0.746, SSW
596	VIROLOGIC INC	270 E GRAND AVE STE	RCRA-SQG, RESPONSE, ENVIROSTOR, HIST Cal-Sites,...	Lower	4201, 0.796, NE
597	DENNIS X RAY CO	301 ALLERTON AVE	HWP, CERS	Higher	4760, 0.902, NE
598	SWIFT INDEPENDENT	429 CABOT ROAD	Notify 65	Higher	4854, 0.919, NE
599	EXXON CO U.S.A. 7-20	800 EL CAMINO REAL	LUST, SWEEPS UST, San Mateo Co. BI, Cortese,...	Higher	5130, 0.972, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
PP PALLETS 131 TERMINAL CT SOUTH SAN FRANCISCO, CA 94080	FINDS Registry ID:: 110070269286	N/A
CARCIONE FRESH PROD 131 TERMINAL SOUTH SAN FRANCISCO, CA 94080	San Mateo Co. BI Facility Id: FA0037682	N/A
PARK 'N FLY OF SAN F 101 TERMINAL CT SOUTH SAN FRANCISCO, CA 94080	FINDS Registry ID:: 110070443718 ECHO Registry ID: 110070443718	N/A
PARK & FLY 101 TERMINAL CT SAN FRANCISCO, CA 00000	HAZNET GEPAID: CAL000057079 HWTS	N/A
PRODUCE MARKET KEYLO 131 TERMINAL CT SO. SAN FRANCISCO, CA 94080	CA FID UST Facility Id: 41004915 Status: A	N/A
CARCIONE FRESH PRODU 131 TERMINAL SOUTH SAN FRANCISCO, CA 94080	San Mateo Co. BI Facility Id: FA0037681	N/A
PARK N FLY INC 101 TERMINAL SOUTH SAN FRANCISCO, CA 94080	San Mateo Co. BI Facility Id: FA0017684	N/A
J GOMEZ PRODUCE 131 TERMINAL COURT SOUTH SAN FRANCISCO, CA 94080	HAULERS Facility ID: 1864828	N/A
PARK N FLY OF SAN FR 101 TERMINAL CT SOUTH SAN FRANCISCO, CA 94080	HIST UST Facility Id: 00000066059	N/A
BROTHER'S PRODUCE 125 TERMINAL CT STE SOUTH SAN FRANCISCO, CA	HAULERS	N/A

EXECUTIVE SUMMARY

	Facility ID: 1799896	
PETRA PRODUCE 131 TERMINAL CT SPC SOUTH SAN FRANCISCO, CA	HAULERS Facility ID: 1573376	N/A
PARK 'N FLY OF SAN F 101 TERMINAL CT SOUTH SAN FRANCISCO, CA 94080	HAZNET GEPAID: CAL000010754 HWTS	N/A
PARK 'N FLY OF SAN F 101 TERMINAL CT SOUTH SAN FRANCISCO, CA 94080	RCRA NonGen / NLR EPA ID:: CAL000010754	CAL000010754
PARK'N FLY OF SAN FR 101 TERMINAL CT SO. SAN FRANCISCO, CA 94080	CA FID UST Facility Id: 41003537 Status: A	N/A
OLYMPIAN PRODUCE MKT 131 TERMINAL S SAN FRANCISCO, CA	RGA LUST	N/A
BAY AREA HERB AND SP 131 TERMINAL COURT SOUTH SAN FRANCISCO, CA 94080	HAULERS Facility ID: 1866366	N/A
PARK'N FLY OF SAN FR 101 TERMINAL CT S SAN FRANCISCO, CA 94080	SWEEPS UST Status: A Tank Status: A Comp Number: 550017	N/A
FLYERS #412 131 TERMINAL CT SOUTH SAN FRANCISCO, CA 94080	HAZNET GEPAID: CAL000267875 HWTS	N/A
FRESH POINT 131 TERMINAL SOUTH SAN FRANCISCO, CA 94080	San Mateo Co. BI Facility Id: FA0037697	N/A
CARCIONE FRESH PRODU 131 TERMINAL CT UNIT S SAN FRANCISCO, CA 94080	FINDS	N/A

EXECUTIVE SUMMARY

Registry ID:: 110064947107

PRODUCE MARKET KEYLO 131 TERMINAL SOUTH SAN FRANCISCO, CA 94080	San Mateo Co. BI Facility Id: FA0017708	N/A
CARCIONE FRESH PRODU 131 TERMINAL CT UNIT SOUTH SAN FRANCISCO, CA 94080	CERS	N/A
PRODUCE MARKET KEYLO 131 TERMINAL CT SOUTH SAN FRANCISCO, CA 94080	HIST UST Facility Id: 00000058727	N/A
OLYMPIAN PRODUCE MKT 131 TERMINAL SOUTH SAN FRANCISCO, CA	RGA LUST	N/A
OLYMPIAN PRODUCE MKT 131 TERMINAL S SAN FRANCISCO, CA 94080	LUST Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 12/06/2021 Facility Status: Remedial action (cleanup) Underway Facility Id: 550158 Facility Status: 9- Case Closed Global Id: T0608126439 Global ID: T0608126439 Status: Completed - Case Closed SWEEPS UST Status: A Tank Status: A Comp Number: 550045 Cortese Cleanup Status: COMPLETED - CASE CLOSED CERS	N/A
SHASTA PRODUCE 131 TERMINAL CT STAL SOUTH SAN FRANCISCO, CA	HAULERS Facility ID: 1593188	N/A
GALWAY TRUCKING, INC 131 TERMINAL CT SOUTH SAN FRANCISCO, CA	HAULERS Facility ID: 1784029	N/A
SHASTA PRODUCE 131 TERMINAL CT UNIT S SAN FRANCISCO, CA 94080	FINDS	N/A

EXECUTIVE SUMMARY

Registry ID:: 110066429010

FRANZELLA PRODUCE IN 131 TERMINAL SOUTH SAN FRANCISCO, CA 94080	San Mateo Co. BI Facility Id: FA0037683	N/A
SOUTH CITY PALLETS 131 TERMINAL CT SOUTH SAN FRANCISCO, CA	HAULERS Facility ID: 1749139	N/A
OLYMPIAN OIL 131 TERMINAL CT SOUTH SAN FRANCISCO, CA 94080	HWTS	N/A
FRANZELLA PRODUCE IN 131 TERMINAL CT UNIT S SAN FRANCISCO, CA 94080	FINDS Registry ID:: 110065676469	N/A
OLYMPIAN PRODUCE MKT 131 TERMINAL SOUTH SAN FRANCISCO, CA 94080	FINDS Registry ID:: 110065149789	N/A
CARCIONE FRESH PRODU 131 TERMINAL SOUTH SAN FRANCISCO, CA 94080	San Mateo Co. BI Facility Id: FA0037680	N/A
PARK AND FLY 101 TERMINAL COURT SOUTH SAN FRANCISCO, CA 94080	HWTS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL---------- National Priority List

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing
INDIAN UST ---------- Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL	Delisted National Clandestine Laboratory Register
SCH	School Property Evaluation Program
CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register
AQUEOUS FOAM	Former Fire Training Facility Assessments Listing

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File

ABANDONED MINES - Abandoned Mines
UXO - Unexploded Ordnance Sites
DOCKET HWC - Hazardous Waste Compliance Docket Listing
FUELS PROGRAM - EPA Fuels Program Registered Listing
CUPA Listings - CUPA Resources List
DRYCLEANERS - Cleaner Facilities
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
ICE - ICE
HWT - Registered Hazardous Waste Transporter Database
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
NON-CASE INFO - NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS - OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS - PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT - SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ - Well Stimulation Project (GEOTRACKER)
MINES MRDS - Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 01/25/2022 has revealed that there are 2 SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALISTOGA WATER Site ID: 0905641 EPA Id: CAN000905641	57 SOUTH LINDEN AVEN	NW 1/8 - 1/4 (0.228 mi.)	AP356	1376

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEW ENGLAND LOBSTER Site ID: 0909504 EPA Id: CAN000909504	191 MITCHELL AVE	NE 1/4 - 1/2 (0.374 mi.)	513	2196

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 01/25/2022 has revealed that there are 8 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAL-WEST ELECTRICS Site ID: 0903140 EPA Id: CAD982358673	1341 SAN MATEO AVE	W 0 - 1/8 (0.069 mi.)	H116	348
DUPONT/ KANSAI AUTOM	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU402***	***1547***
KEM MFG CORP	78 S LINDEN AVE	NW 1/8 - 1/4 (0.242 mi.)	AM427	1637

Site ID: 0902128 EPA Id: CAD980883375				
BASAPCO INC Site ID: 0901535 EPA Id: CAD068843796	27 S LINDEN AVE	NNW 1/4 - 1/2 (0.287 mi.)	AW477	1982
DECCA XAGON Site ID: 0901729 EPA Id: CAD980390272	338 N CANAL ST	NNW 1/4 - 1/2 (0.371 mi.)	509	2191
SUN CHEMICAL Site ID: 0902080 EPA Id: CAD980817506	20-40 S LINDEN AVE	NNW 1/4 - 1/2 (0.464 mi.)	BU560	2399

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL PAINT Site ID: 0903309 EPA Id: CAD009114240	***220 S LINDEN AVE***	***SW 1/8 - 1/4 (0.145 mi.)***	***O207***	***700***
PACIFIC PLASTICS PRO Site ID: 0903162 EPA Id: CAD982359093	405 S AIRPORT BLVD	E 1/8 - 1/4 (0.209 mi.)	AL313	1254

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/13/2021 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUPONT/ KANSAI AUTOM EPA ID:: CAD009206855	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU402***	***1547***

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL PAINT EPA ID:: CAD009114240	***220 S LINDEN AVE***	***SW 1/8 - 1/4 (0.145 mi.)***	***O207***	***700***
EXIDE SAN FRANCISCO EPA ID:: CAD046000931	***286 LAWRENCE AVE***	***ENE 1/2 - 1 (0.666 mi.)***	***CC593***	***2529***

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or

dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 5 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORPORATE IDENTITY S EPA ID:: CAR000066506	***1342 SAN MATEO AVE***	***W 0 - 1/8 (0.043 mi.)***	***H61***	***140***
FOUR STAR AUTOMOTIVE EPA ID:: CAD981668288	***1405 SAN MATEO AVENU***	***NW 0 - 1/8 (0.064 mi.)***	***F88***	***234***
MAJORIE BAER ACCESSO EPA ID:: CAR000149948	1389 LOWRIE AVENUE	NNW 1/8 - 1/4 (0.154 mi.)	X225	837

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON 97875 EPA ID:: CAR000125302	300 S AIRPORT BLVD.	NE 0 - 1/8 (0.065 mi.)	K103	302
INTER CITY CLEANERS EPA ID:: CAD981578776	***438 S AIRPORT BLVD***	***ESE 1/8 - 1/4 (0.179 mi.)***	***AA255***	***921***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 35 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCNEVIN CLEANING SPE EPA ID:: CAR000004663	***1186 SAN MATEO AVE***	***WNW 0 - 1/8 (0.046 mi.)***	***E64***	***156***
PRATT & LAMBERT INC. EPA ID:: CAD053245411	***1417 SAN MEDRO AVE.***	***NNW 0 - 1/8 (0.051 mi.)***	***I70***	***193***
SPORTS AND GRAPHICS EPA ID:: CAP000143297	1417 SAN MATEO AVE	NNW 0 - 1/8 (0.061 mi.)	I77	212
BAYSHORE TRUCK EQUIP EPA ID:: CAD981641491	***1379 SAN MATEO AVE***	***WNW 0 - 1/8 (0.063 mi.)***	***E85***	***227***
GRACE BODY SHOP EPA ID:: CAD981976202	***1387 SAN MATEO***	***NW 0 - 1/8 (0.064 mi.)***	***F91***	***256***
VTAP PRINTING EPA ID:: CAR000091868	1423 SAN MATEO AVE	NNW 0 - 1/8 (0.064 mi.)	I93	286
FEDEX GROUND PACKAGE EPA ID:: CAR000239798	***220 SHAW ROAD***	***SSW 0 - 1/8 (0.064 mi.)***	***D96***	***289***
ARCOS ENTERPRISES EPA ID:: CAR000013698	1359 SAN MATEO AVE	WNW 0 - 1/8 (0.065 mi.)	E99	297
AMPHLETT PRINTING	***1331 SAN MATEO AVENU***	***WSW 0 - 1/8 (0.077 mi.)***	***G124***	***365***

EPA ID:: CAD062512967				
FEDEX GROUND PACKAGE EPA ID:: CA0200090025	1070 SAN MATEO AVE	WSW 0 - 1/8 (0.082 mi.)	G126	379
UNIVERSAL FLEET SUPP EPA ID:: CAD983590837	***1376 LOWRIE AVE***	***NNW 0 - 1/8 (0.117 mi.)***	***S152***	***431***
STEINER CORPORATION EPA ID:: CAD981628100	1377 LOWRIE AVE	NNW 1/8 - 1/4 (0.139 mi.)	X191	636
L & N UNIFORMS EPA ID:: CAD981991128	***1377 LOWRIE AVE***	***NNW 1/8 - 1/4 (0.139 mi.)***	***X192***	***638***
FOUR STAR AUTOMOTIVE EPA ID:: CAD982009763	***113 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.223 mi.)***	***AM343***	***1335***
PKS TOWING & BODY SH EPA ID:: CAD982481343	***129 SOUTH LINDEN***	***W 1/8 - 1/4 (0.229 mi.)***	***AO369***	***1437***
MIKES COLLISION CENT EPA ID:: CAD982336760	***137 SO LINDEN AVE***	***W 1/8 - 1/4 (0.231 mi.)***	***AQ378***	***1454***
PHASE II CORP EPA ID:: CAD056188212	***1229 MONTGOMERY***	***SW 1/8 - 1/4 (0.238 mi.)***	***AR382***	***1473***
PINNICLE PRODUCTIONS EPA ID:: CAR000099366	***88 S LINDEN AVE***	***NW 1/8 - 1/4 (0.239 mi.)***	***AM397***	***1515***
CLARKLIFT OF SAN FRA EPA ID:: CAD060139847	***277 WATTIS WAY***	***NE 1/8 - 1/4 (0.240 mi.)***	***AN415***	***1593***
PRIMESHAPE AUTOBODY EPA ID:: CAR000005280	***1212 MONTGOMERY AVE***	***SW 1/8 - 1/4 (0.241 mi.)***	***AI420***	***1612***
PENSKE TRUCK LEASING EPA ID:: CAD981661846	62 S LINDEN AVE	NW 1/8 - 1/4 (0.246 mi.)	AP440	1705

Lower Elevation	Address	Direction / Distance	Map ID	Page
MCLELLAN EPA ID:: CAD982011348	***257 SHAW RD***	***S 0 - 1/8 (0.025 mi.)***	***C48***	***85***
DELUXE PACKAGES EPA ID:: CAD000076570	***205 SHAW RD SO***	***SW 0 - 1/8 (0.090 mi.)***	***M129***	***385***
COLORCRAFT CORPORATI EPA ID:: CAD982322828	***103 WONDERCOLOR LANE***	***NE 0 - 1/8 (0.096 mi.)***	***K133***	***401***
SPECTRAVEST INC EPA ID:: CAD983640137	***320 SHAW RD***	***SSE 1/8 - 1/4 (0.128 mi.)***	***L178***	***506***
SIEGER ENGINEERING I EPA ID:: CAD981670912	***148 BEACON ST***	***SE 1/8 - 1/4 (0.138 mi.)***	***W187***	***546***
SHELL SERVICE STATIO EPA ID:: CAR000114066	***248 S AIRPORT BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N201***	***675***
INTERNATIONAL PAINT EPA ID:: CAD009114240	***220 S LINDEN AVE***	***SW 1/8 - 1/4 (0.145 mi.)***	***O207***	***700***
PIONEER MOTOR BEARIN EPA ID:: CAD981367469	***116 BEACON ST***	***SE 1/8 - 1/4 (0.150 mi.)***	***W210***	***724***
THOMPSON AIRCRAFT TI EPA ID:: CAD983631870	***160 BEACON ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***AD254***	***913***
SAN BRUNO AUTO KRAFT	1269 SAN MATEO AVENU	SW 1/8 - 1/4 (0.182 mi.)	Y262	1040

EPA ID:: CAD982480824				
VALLEJOS AUTO BODY &	***1269 SAN MATEO AVE***	***SW 1/8 - 1/4 (0.182 mi.)***	***Y263***	***1043***
EPA ID:: CAD982480832				
SAN BRUNO AUTO KRAFT	***1253 SAN MATEO AVE***	***SW 1/8 - 1/4 (0.201 mi.)***	***AI297***	***1146***
EPA ID:: CAR000006403				
ATLAS METAL SPINNING	***470 S AIRPORT BLVD***	***SE 1/8 - 1/4 (0.225 mi.)***	***AJ349***	***1350***
EPA ID:: CAD981627045				
BUG AUTO BODY & SALE	***1201 SAN METEO AVE***	***SSW 1/8 - 1/4 (0.245 mi.)***	***AI433***	***1659***
EPA ID:: CAD981683808				

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION PACIFIC RAILRO	57 SOUTH LINDEN AVE	NW 1/8 - 1/4 (0.228 mi.)	AP360	1397
EPA ID:: CAR000283028				

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, has revealed that there are 4 RESPONSE sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUPONT	***160 LINDEN***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU399***	***1526***
Database: RESPONSE, Date of Government Version: 10/25/2021				
Facility Id: 41280049				
Status: Certified				
REICHOLD CHEMICALS,	***120 SOUTH LINDEN***	***WNW 1/4 - 1/2 (0.253 mi.)***	***AO466***	***1844***
Database: RESPONSE, Date of Government Version: 10/25/2021				
Facility Id: 41280096				
Status: Certified				
SUN CHEMICAL CORPORA	***20 SOUTH LINDEN AVEN***	***NNW 1/4 - 1/2 (0.363 mi.)***	***BC500***	***2156***
Database: RESPONSE, Date of Government Version: 10/25/2021				
Facility Id: 41280103				
Status: Certified O&M - Land Use Restrictions Only				

Lower Elevation	Address	Direction / Distance	Map ID	Page
VIROLOGIC INC	***270 E GRAND AVE STE***	***NE 1/2 - 1 (0.796 mi.)***	***596***	***2541***
Database: RESPONSE, Date of Government Version: 10/25/2021				

Facility Id: 41340077
Status: Certified

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/25/2021 has revealed that there are 25 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAL WEST ELECTRIC, I Facility Id: 41360099 Status: Refer: Other Agency	1341 SAN MATEO AVENU	W 0 - 1/8 (0.069 mi.)	H115	347
UNION PACIFIC - SITE Facility Id: 60001636 Status: Active	***EAST OF 69 S. LINDEN***	***NW 1/8 - 1/4 (0.189 mi.)***	***AE278***	***1084***
PHASE II CORP Facility Id: 71002470 Status: Inactive - Needs Evaluation	***1229 MONTGOMERY***	***SW 1/8 - 1/4 (0.238 mi.)***	***AR382***	***1473***
DUPONT Facility Id: 41280049 Status: Certified	***160 LINDEN***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU399***	***1526***
WEST COAST AUTOMOTIV Facility Id: 80001622 Status: Inactive - Needs Evaluation	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU403***	***1555***
KEN MANUFACTURING CO Facility Id: 41280135 Status: Refer: Other Agency	78 SOUTH LINDEN AVEN	NW 1/8 - 1/4 (0.242 mi.)	AM426	1636
UPRR LINDEN (AKA UNI Facility Id: 60001136 Status: Certified O&M - Land Use Restrictions Only	***EAST OF 27 SOUTH LIN***	***NNW 1/8 - 1/4 (0.250 mi.)***	***AW465***	***1831***
REICHOLD CHEMICALS, Facility Id: 41280096 Status: Certified	***120 SOUTH LINDEN***	***WNW 1/4 - 1/2 (0.253 mi.)***	***AO466***	***1844***
COSTCO WHOLESALE NO Facility Id: 71003270 Status: Inactive - Needs Evaluation	***451 SOUTH AIRPORT BO***	***ESE 1/4 - 1/2 (0.284 mi.)***	***474***	***1895***
BASAPCO, INC. Facility Id: 41360069	***27-S. LINDEN***	***NNW 1/4 - 1/2 (0.287 mi.)***	***AW476***	***1967***

Status: Certified / Operation & Maintenance

SUN CHEMICAL CORPORA	***20 SOUTH LINDEN AVEN***	***NNW 1/4 - 1/2 (0.363 mi.)***	***BC500***	***2156***
Facility Id: 41280103 Status: Certified O&M - Land Use Restrictions Only				
1089 MONTGOMERY AVE	1089 MONTGOMERY AVEN	SSW 1/4 - 1/2 (0.411 mi.)	BN528	2242
Facility Id: 60002242 Status: Inactive - Needs Evaluation				
POETSCH AND PETERSON	325 SOUTH MAPLE AVEN	WSW 1/4 - 1/2 (0.423 mi.)	BP533	2250
Facility Id: 41310004 Status: Refer: RWQCB				
SHELL OIL PROD US EQ	***135 N ACCESS RD***	***ESE 1/4 - 1/2 (0.426 mi.)***	***BQ537***	***2271***
Facility Id: 71002127 Status: Inactive - Needs Evaluation				
MORENA TRUST	***111 STARLITE STREET***	***NW 1/4 - 1/2 (0.488 mi.)***	***BW576***	***2459***
Facility Id: 60002386 Status: Active				
INTERNATIONAL PAINT	***220 LINDEN***	***N 1/2 - 1 (0.575 mi.)***	***587***	***2510***
Facility Id: 38280291 Status: Refer: RCRA				
CAMP TANFORAN		WSW 1/2 - 1 (0.607 mi.)	CB588	2513
Facility Id: 80000381 Status: No Further Action				
AIRPORT BOULEVARD PR	***309/315/401/411/421***	***N 1/2 - 1 (0.649 mi.)***	***590***	***2515***
Facility Id: 60002307 Status: Active				

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL PAINT	***220 S LINDEN AVE***	***SW 1/8 - 1/4 (0.145 mi.)***	***O207***	***700***
Facility Id: 80001592 Status: Refer: RWQCB				
PACIFIC PLASTIC PROD	***405 SOUTH AIRPORT BO***	***E 1/8 - 1/4 (0.209 mi.)***	***AL314***	***1255***
Facility Id: 41300009 Status: Refer: RWQCB				
CYCLE SHACK,INC	***1104 SAN MATEO***	***SSW 1/4 - 1/2 (0.344 mi.)***	***BD494***	***2047***
Facility Id: 71002485 Status: Inactive - Needs Evaluation				
CALTRANS/SSF MAINTEN	***166 HARBOR WAY***	***NE 1/2 - 1 (0.560 mi.)***	***586***	***2507***
Facility Id: 41280108 Status: Inactive - Needs Evaluation				
EXIDE CORP	***286 LAWRENCE AVE***	***ENE 1/2 - 1 (0.666 mi.)***	***CC591***	***2523***
Facility Id: 80001392 Status: No Further Action				
EXIDE SAN FRANCISCO	286 LAWRENCE AVENUE	ENE 1/2 - 1 (0.666 mi.)	CC592	2528
Facility Id: 41290004 Status: No Further Action				
VIROLOGIC INC	***270 E GRAND AVE STE***	***NE 1/2 - 1 (0.796 mi.)***	***596***	***2541***
Facility Id: 41340077 Status: Certified				

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 4 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUBLE O SITE SERVIC	114 SOUTH MAPLE	NW 1/4 - 1/2 (0.387 mi.)	BH520	2207
Database: SWF/LF (SWIS), Date of Government Version: 11/08/2021 Facility ID: 41-AA-0195 Operational Status: Closed Regulation Status: Notification				
ASSOCIATED TRUCKING,	***1065 SAN MATEO AVE.***	***SSW 1/4 - 1/2 (0.435 mi.)***	***BS540***	***2288***
Database: SWF/LF (SWIS), Date of Government Version: 11/08/2021 Facility ID: 41-AA-0198 Operational Status: Active Regulation Status: Notification				
TILLO PRODUCTS CO CO	***175 N. ACCESS RD.***	***ESE 1/4 - 1/2 (0.453 mi.)***	***BQ553***	***2383***
Database: SWF/LF (SWIS), Date of Government Version: 11/08/2021 Facility ID: 41-AA-0176 Operational Status: Closed Regulation Status: Permitted				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAN BRUNO TRANSFER S	***101 TANFORAN AVE***	***SW 1/8 - 1/4 (0.207 mi.)***	***Y304***	***1163***
Database: SWF/LF (SWIS), Date of Government Version: 11/08/2021 Facility ID: 41-AA-0014 Operational Status: Active Regulation Status: Permitted				

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 143 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARKING CORPORATION	***120 TERMINAL***	***NNE 0 - 1/8 (0.017 mi.)***	***B39***	***62***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019 Facility Id: 559187 Facility Status: 9- Case Closed Global ID: SL0608187305				
SAMTRANS VACANT	***196 PRODUCE***	***N 0 - 1/8 (0.025 mi.)***	***B45***	***82***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019 Database: LUST, Date of Government Version: 12/06/2021				

Facility Id: 550024
Facility Status: 9- Case Closed
Global Id: T0608100436
Global ID: T0608100436
Status: Completed - Case Closed

SAN MATEO COUNTY TRA ***196 PRODUCE*** ***N 0 - 1/8 (0.025 mi.)*** ***B46*** ***84***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 4/10/2000

PEKING HANDICRAFT ***1388 SAN MATEO*** ***NW 0 - 1/8 (0.039 mi.)*** ***F53*** ***121***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550141
Facility Status: 9- Case Closed
Global Id: T0608100837
Global ID: T0608100837
date9: 8/18/1998
Status: Completed - Case Closed

LUBRIVAN TRUCK SERVI ***1320 SAN MATEO*** ***WSW 0 - 1/8 (0.040 mi.)*** ***G54*** ***124***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550061
Facility Status: 9- Case Closed
Global Id: T0608100312
Global ID: T0608100312
date9: 3/7/2003
Status: Completed - Case Closed

FOUR STAR AUTOMOTIVE ***1405 SAN MATEO*** ***NW 0 - 1/8 (0.064 mi.)*** ***F89*** ***251***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550131
Facility Status: 9- Case Closed
Global Id: T0608100794
Global ID: T0608100794
date9: 6/12/1995
Status: Completed - Case Closed

BACON PROPERTY ***220 SHAW ROAD*** ***SSW 0 - 1/8 (0.064 mi.)*** ***D97*** ***293***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608192695
Status: Completed - Case Closed

BACON PROPERTY 220 SHAW RD SSW 0 - 1/8 (0.064 mi.) D98 297
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550191
Facility Status: 9- Case Closed
Global ID: T0608192695

ROYAL AUTO LIMO REPA ***1331 SAN MATEO AVE*** ***WSW 0 - 1/8 (0.077 mi.)*** ***G121*** ***359***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019

Facility Id: 559003
Facility Status: 9- Case Closed
Global ID: T0608117321

CENTRAL CONCRETE SUP ***1305 SAN MATEO DR*** ***SW 0 - 1/8 (0.107 mi.)*** ***O142*** ***410***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550160
Facility Status: 9- Case Closed
Global Id: T0608191865
Global ID: T0608191865
Status: Completed - Case Closed

BAY CITIES BUILDING ***1305 SAN MATEO*** ***SW 0 - 1/8 (0.107 mi.)*** ***O145*** ***424***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 8/27/2001

BINKS MANUFACTURING ***1459 SAN MATEO*** ***NNW 0 - 1/8 (0.108 mi.)*** ***Q147*** ***426***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 559009
Facility Status: 9- Case Closed
Global ID: T0608148945

LOWRIE PAVING ***1321 LOWRIE AVENUE*** ***W 0 - 1/8 (0.123 mi.)*** ***U165*** ***456***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550040
Facility Status: 9- Case Closed
Global Id: T0608100240
Global ID: T0608100240
Status: Completed - Case Closed

GRANITE ROCK CO ***1321 LOWRIE*** ***W 0 - 1/8 (0.123 mi.)*** ***U167*** ***463***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Post remedial action monitoring

DIADOTI CONSTRUCTION ***1461 SAN MATEO*** ***NNW 1/8 - 1/4 (0.141 mi.)*** ***Q204*** ***692***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550139
Facility Status: 9- Case Closed
Global Id: T0608100828
Global ID: T0608100828
date9: 11/10/1998
Status: Completed - Case Closed

SUPER CROWN CATERING ***1381 LOWRIE*** ***NNW 1/8 - 1/4 (0.146 mi.)*** ***X208*** ***713***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Remediation Plan
Global Id: T0608100526
Status: Completed - Case Closed

SHELL OIL ***140 PRODUCE*** ***N 1/8 - 1/4 (0.150 mi.)*** ***T217*** ***772***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Pollution Characterization

EQUILON ENTERPRISES ***140 PRODUCE*** ***N 1/8 - 1/4 (0.150 mi.)*** ***T218*** ***774***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021

Facility Id: 550017
Facility Status: 9- Case Closed
Global Id: T0608100465
Global ID: T0608100465
Status: Completed - Case Closed

COLOR CRAFT ***255 AIRPORT*** ***NE 1/8 - 1/4 (0.171 mi.)*** ***AB244*** ***886***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608100411
date9: 1/2/2001
Status: Completed - Case Closed

COLOR CRAFT 255 S AIRPORT BLVD NE 1/8 - 1/4 (0.171 mi.) AB245 889
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550045
Facility Status: 9- Case Closed
Global ID: T0608100411

PIERCE TRUCKING 201 S LINDEN AVE WSW 1/8 - 1/4 (0.188 mi.) AG276 1081
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 559015
Facility Status: 9- Case Closed
Global ID: T0608161472

PIERCE TRUCKING ***201 SOUTH LINDEN AVE*** ***WSW 1/8 - 1/4 (0.188 mi.)*** ***AG277*** ***1081***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608161472
Status: Completed - Case Closed

GELCO TRUCK LEASING ***1395 LOWRIE*** ***NNW 1/8 - 1/4 (0.191 mi.)*** ***AH279*** ***1096***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 8/4/1992

GELCO TRUCKING LEASI ***1395 LOWRIE AVENUE*** ***NNW 1/8 - 1/4 (0.191 mi.)*** ***AH284*** ***1103***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550013
Facility Status: 9- Case Closed
Global Id: T0608100231
Global ID: T0608100231
Status: Completed - Case Closed

SOUTH SAN FRANCISCO ***103 S LINDEN AVE*** ***NW 1/8 - 1/4 (0.213 mi.)*** ***AM317*** ***1260***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 559201
Facility Status: 9- Case Closed
Global ID: TI0000000968

MARSHAL M MIRZA INC ***165 SOUTH LINDEN AVE*** ***WSW 1/8 - 1/4 (0.214 mi.)*** ***AG319*** ***1267***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550030
Facility Status: 9- Case Closed
Global ID: T0608100318

MIZRA/SETO PROPERTY ***165 LINDEN*** ***WSW 1/8 - 1/4 (0.214 mi.)*** ***AG322*** ***1273***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608100318
Status: Completed - Case Closed

SOUTH SAN FRANCISCO ***69 S LINDEN AVE*** ***NW 1/8 - 1/4 (0.216 mi.)*** ***AE323*** ***1276***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019

Facility Id: 550121
Facility Status: 9- Case Closed
Global ID: T0608100721

SOUTH CITY SCAVENGER ***69 LINDEN*** ***NW 1/8 - 1/4 (0.216 mi.)*** ***AE324*** ***1279***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Pollution Characterization
Global Id: T0608100721
Status: Completed - Case Closed

AIRBORNE EXPRESS COR ***274 WATTIS WAY*** ***NE 1/8 - 1/4 (0.217 mi.)*** ***AN333*** ***1318***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550077
Facility Status: 9- Case Closed
Global Id: T0608100351
Global ID: T0608100351
Status: Completed - Case Closed

MONROE SCHNEIDER ASS ***274 WATTIS*** ***NE 1/8 - 1/4 (0.217 mi.)*** ***AN334*** ***1323***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 5/6/1992

FOUR STAR AUTOMOTIVE ***113 S LINDEN AVE*** ***WNW 1/8 - 1/4 (0.223 mi.)*** ***AM343*** ***1335***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550049
Facility Status: 9- Case Closed
Global Id: T0608100226
Global ID: T0608100226
date9: 6/28/1996
Status: Completed - Case Closed

PRESSURE GROUT COMPA ***125 LINDEN*** ***WNW 1/8 - 1/4 (0.226 mi.)*** ***AO352*** ***1366***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 559005
Facility Status: 9- Case Closed
Global Id: T0608105263
Global ID: T0608105263
date9: 8/9/1993
Status: Completed - Case Closed

PRESSURE GROUT COMPA 125 S LINDEN AVE WNW 1/8 - 1/4 (0.228 mi.) AO361 1400
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550066
Facility Status: 9- Case Closed
Global ID: T0608100406

PRESSURE GROUT COMPA ***125 SOUTH LINDEN AVE*** ***WNW 1/8 - 1/4 (0.228 mi.)*** ***AO362*** ***1400***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608100406
Status: Completed - Case Closed

1245 MONTGOMERY AVE ***1245 MONTGOMERY AVEN*** ***SW 1/8 - 1/4 (0.238 mi.)*** ***AR381*** ***1470***
Database: LUST, Date of Government Version: 12/06/2021

Global Id: T10000011034
Status: Completed - Case Closed

DUPONT ***160 LINDEN*** ***WSW 1/8 - 1/4 (0.240 mi.)*** ***AU399*** ***1526***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Post remedial action monitoring
Global Id: T0608100658
Status: Completed - Case Closed

WEST COAST AUTOMOTIV ***160 S LINDEN AVE*** ***WSW 1/8 - 1/4 (0.240 mi.)*** ***AU400*** ***1544***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550117
Facility Status: 9- Case Closed
Global ID: T0608100658

PENSKE TRUCK LEASING ***62 LINDEN*** ***NW 1/8 - 1/4 (0.246 mi.)*** ***AP442*** ***1710***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608199177
Global Id: T0608100238
date9: 1/17/2003
Status: Completed - Case Closed

HERTZ-PENSKE TRUCK L ***62 S LINDEN AVE*** ***NW 1/8 - 1/4 (0.246 mi.)*** ***AP445*** ***1721***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550166
Facility Id: 550106
Facility Status: 9- Case Closed
Global ID: T0608199177
Global ID: T0608100238

FRIENDSHIP PRINTING ***108 S LINDEN AVE*** ***WNW 1/8 - 1/4 (0.247 mi.)*** ***AM452*** ***1779***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550168
Facility Status: 9- Case Closed
Global ID: T0608194029

U-SAVE PLUMBING HARD ***108 LINDEN*** ***WNW 1/8 - 1/4 (0.247 mi.)*** ***AM453*** ***1781***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608194029
date9: 2/21/2003
Status: Completed - Case Closed

SO LINDEN OLYMPIC ***35 SO LINDEN AVE*** ***NNW 1/4 - 1/2 (0.271 mi.)*** ***AY470*** ***1859***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550194
Facility Id: 550053
Facility Status: 5C- Pollution Characterization
Facility Status: 9- Case Closed
Global ID: T0608100005
Global ID: T0608106256

OLYMPIAN SSF TERMINA ***35 LINDEN*** ***NNW 1/4 - 1/2 (0.271 mi.)*** ***AY471*** ***1860***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Remediation Plan

Global Id: T0608100005
Global Id: T0608106256
Status: Completed - Case Closed

BUDGET RENT A CAR ***177 AIRPORT*** ***NNE 1/4 - 1/2 (0.282 mi.)*** ***AZ472*** ***1883***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608100087
Status: Completed - Case Closed

BUDGET RENT A CAR ***177 S AIRPORT BLVD*** ***NNE 1/4 - 1/2 (0.282 mi.)*** ***AZ473*** ***1886***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
Facility Id: 550006
Facility Status: 9- Case Closed
Global ID: T0608100087
date9: 9/13/2002

CALEGARI PROPERTY ***40 LINDEN*** ***NNW 1/4 - 1/2 (0.286 mi.)*** ***AY475*** ***1963***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550149
Facility Status: 9- Case Closed
Global Id: T0608100905
Global ID: T0608100905
date9: 6/29/2000
Status: Completed - Case Closed

BURLINGTON AIR EXPRE ***140 BELLE AIR*** ***ESE 1/4 - 1/2 (0.292 mi.)*** ***479*** ***1984***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550052
Facility Status: 9- Case Closed
Global Id: T0608100093
Global ID: T0608100093
date9: 1/31/2001
Status: Completed - Case Closed

BARBER-GREENE CO. ***320 VICTORY AVENUE*** ***NW 1/4 - 1/2 (0.307 mi.)*** ***486*** ***2011***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550169
Facility Status: 9- Case Closed
Global Id: T0608165551
Global ID: T0608165551
Status: Completed - Case Closed

EFL TRANSPORTATION ***50 TANFORAN*** ***SW 1/4 - 1/2 (0.321 mi.)*** ***BA487*** ***2015***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550133
Facility Status: 9- Case Closed
Global Id: T0608100760

Global ID: T0608100760
date9: 12/3/1996
Status: Completed - Case Closed

LA MARK TRANSPORTATI ***26 LINDEN*** ***NNW 1/4 - 1/2 (0.332 mi.)*** ***BC488*** ***2020***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608100300
date9: 1/2/2003
Status: Completed - Case Closed

ZARC RECYCLING ***26 SOUTH LINDEN AVE*** ***NNW 1/4 - 1/2 (0.332 mi.)*** ***BC489*** ***2025***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550086
Facility Status: 9- Case Closed
Global ID: T0608100300

ALICIA'S MARKET DELI ***7 S LINDEN AVE*** ***NNW 1/4 - 1/2 (0.351 mi.)*** ***BG496*** ***2122***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550001
Facility Status: 5R- Remediation Plan
Global ID: T0608100558

UNION CARBIDE CORP. ***7 SOUTH LINDEN AVENU*** ***NNW 1/4 - 1/2 (0.351 mi.)*** ***BG497*** ***2124***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608100558
Status: Open - Verification Monitoring

PACIFIC BELL ***1101 SAN MATEO AVENU*** ***SSW 1/4 - 1/2 (0.354 mi.)*** ***BD498*** ***2135***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 880028
Facility Status: 9- Case Closed
Global Id: T0608100645
Global ID: T0608100645
date9: 11/13/2000
Status: Completed - Case Closed

SIMPSON COATINGS 111 S MAPLE AVE NW 1/4 - 1/2 (0.366 mi.) BH504 2171
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 559216
Facility Status: 3B- Preliminary Assessment Underway

INTERSTATE GRADING A ***128 SOUTH MAPLE AVEN*** ***NW 1/4 - 1/2 (0.366 mi.)*** ***BF505*** ***2171***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550122
Facility Status: 9- Case Closed
Global ID: T0608100738

INTERSTATE GRADING ***128 MAPLE*** ***NW 1/4 - 1/2 (0.366 mi.)*** ***BF506*** ***2172***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608100738
date9: 8/13/1999
Status: Completed - Case Closed

NSFL CENTRAL ***132 SOUTH MAPLE AVEN*** ***NW 1/4 - 1/2 (0.368 mi.)*** ***BF507*** ***2176***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019

Facility Id: 550156
Facility Status: 9- Case Closed
Global ID: T0608100779

SF ENGINE REMANUFACT ***132 MAPLE*** ***NW 1/4 - 1/2 (0.368 mi.)*** ***BF508*** ***2188***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608100779
Status: Completed - Case Closed

CTC FOOD INTERNATION ***131 HARRIS*** ***NNE 1/4 - 1/2 (0.373 mi.)*** ***BI510*** ***2192***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 8/10/2000

CTC FOOD INTERNATION ***131 WEST HARRIS AVEN*** ***NNE 1/4 - 1/2 (0.373 mi.)*** ***BI511*** ***2193***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608101023
Status: Completed - Case Closed

CTC FOOD INTERNATION ***131 HARRIS*** ***NNE 1/4 - 1/2 (0.373 mi.)*** ***BI512*** ***2195***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550155
Facility Status: 9- Case Closed
Global ID: T0608101023

CARLIN COMPANY ***120 MAPLE*** ***NW 1/4 - 1/2 (0.378 mi.)*** ***BF514*** ***2196***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608100105
Status: Completed - Case Closed

CARLIN CO ***120 S MAPLE*** ***NW 1/4 - 1/2 (0.378 mi.)*** ***BF515*** ***2199***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550092
Facility Status: 9- Case Closed
Global ID: T0608100105

MALASPINA PROPERTY 30 TANFORAN AVE WSW 1/4 - 1/2 (0.381 mi.) BJ516 2200
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 559213
Facility Status: 9- Case Closed
Global ID: T10000005669

MALASPINA PROPERTY (***30 TANFORAN AVENUE*** ***WSW 1/4 - 1/2 (0.381 mi.)*** ***BJ517*** ***2200***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550218
Facility Status: 9- Case Closed
Global Id: T10000006543
Global ID: T10000006543
Status: Completed - Case Closed

ARTHUR BUZZ HASKINS ***114 SO MAPLE AVE*** ***NW 1/4 - 1/2 (0.387 mi.)*** ***BH519*** ***2205***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550109
Facility Status: 5R- Remediation Plan
Global ID: T0608100646

R.E.H. PROPERTIES ***114 MAPLE*** ***NW 1/4 - 1/2 (0.387 mi.)*** ***BH521*** ***2210***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Remediation Plan

Global Id: T0608100646
Status: Open - Eligible for Closure

THE PROPERTY ***405 VICTORY*** ***WNW 1/4 - 1/2 (0.404 mi.)*** ***BL524*** ***2226***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 11/21/2000

THE PROPERTY ***405 VICTORY*** ***WNW 1/4 - 1/2 (0.404 mi.)*** ***BL525*** ***2228***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550041
Facility Status: 9- Case Closed
Global Id: T0608100517
Global ID: T0608100517
Status: Completed - Case Closed

PELLEGRINI BROS WINE ***272 MAPLE*** ***W 1/4 - 1/2 (0.408 mi.)*** ***BM526*** ***2230***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Remediation Plan
Global Id: T0608100884
Status: Completed - Case Closed

PELLEGRINI BROS WINE ***272 SO MAPLE AVE*** ***W 1/4 - 1/2 (0.408 mi.)*** ***BM527*** ***2241***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550144
Facility Status: 9- Case Closed
Global ID: T0608100884

SHELL ***135 ACCESS RD N*** ***ESE 1/4 - 1/2 (0.426 mi.)*** ***BQ538*** ***2274***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 41-1121
Facility Status: Pollution Characterization

UNION CARBIDE CORP. ***7 LINDEN*** ***NNW 1/4 - 1/2 (0.442 mi.)*** ***BU543*** ***2297***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Pollution Characterization

HOFFMAN BROTHERS ***306 MAPLE*** ***W 1/4 - 1/2 (0.442 mi.)*** ***BP545*** ***2299***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550071
Facility Status: 9- Case Closed
Global Id: T0608100261
Global ID: T0608100261
date9: 4/18/2000
Status: Completed - Case Closed

PENINSULA TOW SERVIC ***1071 MONTGOMERY*** ***SSW 1/4 - 1/2 (0.446 mi.)*** ***BN547*** ***2302***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 880009
Facility Status: 9- Case Closed
Global Id: T0608100391
Global ID: T0608100391

date9: 6/13/2002
Status: Completed - Case Closed

ALAN BAKER PROPERTY ***180 SYLVESTER ROAD*** ***NNE 1/4 - 1/2 (0.449 mi.)*** ***BV550*** ***2371***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 559192
Facility Status: 5C- Pollution Characterization
Global ID: SL0608174279

LOPEZ PROPERTY 34-36 S LINDEN AVE NNW 1/4 - 1/2 (0.451 mi.) BU551 2374
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 559173
Facility Status: 9- Case Closed
Global ID: T0608110422

KB SOUTH SAN FRANCIS ***175 SYLVESTER*** ***NNE 1/4 - 1/2 (0.456 mi.)*** ***BV554*** ***2385***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550193
Facility Status: 9- Case Closed
Global Id: T0608128052
Global ID: T0608128052
Status: Completed - Case Closed

ROBERT FABRIS ***419 S CANAL ST*** ***NW 1/4 - 1/2 (0.457 mi.)*** ***BW556*** ***2392***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550055
Facility Status: 9- Case Closed
Global ID: T0608100613

WALL STREET PROPERTI ***419 CANAL*** ***NW 1/4 - 1/2 (0.457 mi.)*** ***BW557*** ***2393***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608100613
date9: 3/19/2001
Status: Completed - Case Closed

VINCE'S SHELLFISH 1063 MONTGOMERY SSW 1/4 - 1/2 (0.465 mi.) BS562 2412
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 1/1/2002

VINCE'S SHELLFISH ***1063 MONTGOMERY*** ***SSW 1/4 - 1/2 (0.465 mi.)*** ***BS563*** ***2412***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 880045
Facility Status: 9- Case Closed
Global Id: T0608100990
Global ID: T0608100990
Status: Completed - Case Closed

VALLEY SHEET METAL ***161 STARLITE*** ***NW 1/4 - 1/2 (0.481 mi.)*** ***BX565*** ***2415***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550035
Facility Status: 9- Case Closed
Global Id: T0608100602

Global ID: T0608100602
date9: 11/12/1991
Status: Completed - Case Closed

ALLAN BAKER COMPANY ***160 SYLVESTER*** ***NNE 1/4 - 1/2 (0.482 mi.)*** ***BV567*** ***2422***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550059
Facility Status: 9- Case Closed
Global Id: T0608100012
Global ID: T0608100012
date9: 10/25/2000
Status: Completed - Case Closed

PONY EXPRESS ***108 SYLVESTER*** ***NNE 1/4 - 1/2 (0.483 mi.)*** ***BV568*** ***2427***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550047
Facility Status: 9- Case Closed
Global Id: T0608100402
Global ID: T0608100402
date9: 3/16/2000
Status: Completed - Case Closed

JAPAN PARTS ***428 N CANAL ST*** ***NW 1/4 - 1/2 (0.485 mi.)*** ***BW571*** ***2444***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550119
Facility Status: 9- Case Closed
Global ID: T0608100695

EL CAMINO LINES ***428 CANAL*** ***NW 1/4 - 1/2 (0.485 mi.)*** ***BW572*** ***2448***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608100695
date9: 12/30/1996
Status: Completed - Case Closed

AIRPORT BLVD SERVICE ***190 AIRPORT*** ***N 1/4 - 1/2 (0.487 mi.)*** ***BY574*** ***2455***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550132
Facility Status: 9- Case Closed
Global Id: T0608100791
Global ID: T0608100791
Status: Completed - Case Closed

FORMER GAS STATION ***190 AIRPORT*** ***N 1/4 - 1/2 (0.487 mi.)*** ***BY575*** ***2458***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 8/12/1997

AGUNDIS TIRE SHOP ***110 LINDEN*** ***N 1/4 - 1/2 (0.490 mi.)*** ***578*** ***2473***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021

Facility Status: Case Closed
Facility Id: 550142
Facility Status: 9- Case Closed
Global Id: T0608100841
Global ID: T0608100841
date9: 11/28/2000
Status: Completed - Case Closed

COULTERS CARPETS ***150 STARLITE*** ***NW 1/4 - 1/2 (0.490 mi.)*** ***BX579*** ***2477***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550099
Facility Status: 9- Case Closed
Global Id: T0608100173
Global ID: T0608100173
date9: 11/14/2002
Status: Completed - Case Closed

H.S. CROCKER CO. ***1000 SAN MATEO*** ***SSW 1/4 - 1/2 (0.492 mi.)*** ***BZ580*** ***2481***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 880002
Facility Status: 9- Case Closed
Global Id: T0608100248
Global ID: T0608100248
Status: Completed - Case Closed

H.S. CROCKER CO. ***1000 SAN MATEO*** ***SSW 1/4 - 1/2 (0.492 mi.)*** ***BZ581*** ***2484***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 10/14/1998

J.R. FLYNN CO. ***138 STARLITE*** ***NW 1/4 - 1/2 (0.493 mi.)*** ***BX582*** ***2485***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550096
Facility Status: 9- Case Closed
Global Id: T0608100283
Global ID: T0608100283
date9: 7/6/1998
Status: Completed - Case Closed

PARK SFO ***195 NORTH ACCESS ROA*** ***ESE 1/4 - 1/2 (0.498 mi.)*** ***CA583*** ***2489***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550101
Facility Id: 559165
Facility Status: 9- Case Closed
Global ID: T0608100551
Global ID: T0608175368

TRUX AIRLINE CARGO S ***195 ACCESS*** ***ESE 1/4 - 1/2 (0.498 mi.)*** ***CA584*** ***2498***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608100551

date9: 12/28/1992
Status: Completed - Case Closed

ESCHELBACH PROPERTIE ***100 BADEN*** ***N 1/4 - 1/2 (0.499 mi.)*** ***BY585*** ***2502***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550074
Facility Status: 9- Case Closed
Global Id: T0608100199
Global ID: T0608100199
date9: 6/12/2001
Status: Completed - Case Closed

Lower Elevation	Address	Direction / Distance	Map ID	Page

CHEVRON 9-7875 ***300 SOUTH AIRPORT BO*** ***NE 0 - 1/8 (0.065 mi.)*** ***K106*** ***310***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608100864
Status: Completed - Case Closed

CHEVRON 9-7875 ***300 AIRPORT*** ***NE 0 - 1/8 (0.065 mi.)*** ***K110*** ***329***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 12/11/2002

CHEVRON STATION NO 9 ***300 S AIRPORT BLVD*** ***NE 0 - 1/8 (0.065 mi.)*** ***K111*** ***331***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550134
Facility Status: 9- Case Closed
Global ID: T0608100864

KEN FUNK PROPERTY ***264 AIRPORT*** ***NNE 0 - 1/8 (0.105 mi.)*** ***N137*** ***405***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608100188
Status: Completed - Case Closed

GENERAL RENT A CAR (***264 S AIRPORT BLVD*** ***NNE 0 - 1/8 (0.105 mi.)*** ***N139*** ***408***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550042
Facility Status: 9- Case Closed
Global ID: T0608100188

GROSVENOR HOTEL ***380 S AIRPORT BLVD*** ***E 1/8 - 1/4 (0.130 mi.)*** ***V180*** ***536***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550154
Facility Status: 9- Case Closed
Global ID: T0608101013

GROSVENOR AIRPORT IN ***380 AIRPORT*** ***E 1/8 - 1/4 (0.130 mi.)*** ***V181*** ***539***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 6/26/2001

GROSVENOR AIRPORT AS ***380 SO AIRPORT BLVD*** ***E 1/8 - 1/4 (0.130 mi.)*** ***V182*** ***541***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608101013
Status: Completed - Case Closed

SHELL SERVICE STATIO ***248 SOUTH AIRPORT BO*** ***NNE 1/8 - 1/4 (0.141 mi.)*** ***N196*** ***647***
Database: LUST, Date of Government Version: 12/06/2021

Global Id: T0608153743
Status: Completed - Case Closed

HAMPTON'S SERVICE, I ***248 S AIRPORT BLVD*** ***NNE 1/8 - 1/4 (0.141 mi.)*** ***N197*** ***652***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550186
Facility Status: 9- Case Closed
Global ID: T0608153743

TORRES TEXACO ***1299 SAN MATEO AVE*** ***SW 1/8 - 1/4 (0.159 mi.)*** ***Y226*** ***841***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 880062
Facility Status: 9- Case Closed
Global Id: T10000002006
Global ID: T1000002006
Status: Completed - Case Closed

GENERAL RENT A CAR S ***410 S AIRPORT BLVD*** ***ESE 1/8 - 1/4 (0.161 mi.)*** ***AA235*** ***871***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550058
Facility Status: 9- Case Closed
Global ID: T0608100431

RPM RENT-A-CAR ***410 AIRPORT*** ***ESE 1/8 - 1/4 (0.161 mi.)*** ***AA237*** ***873***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608100431
date9: 10/25/1995
Status: Completed - Case Closed

GENERAL RENT-A-CAR ***124 BEACON*** ***SE 1/8 - 1/4 (0.163 mi.)*** ***W238*** ***877***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550084
Facility Status: 9- Case Closed
Global Id: T0608100401
Global ID: T0608100401
Status: Completed - Case Closed

GENERAL RENT A CAR ***124 BEACON*** ***SE 1/8 - 1/4 (0.163 mi.)*** ***W240*** ***880***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 3/19/1998

THOMPSON AIRCRAFT TI ***160 BEACON ST*** ***SE 1/8 - 1/4 (0.178 mi.)*** ***AD254*** ***913***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550051
Facility Status: 9- Case Closed
Global Id: T0608100541
Global ID: T0608100541
date9: 3/7/2003
Status: Completed - Case Closed

GREYHOUND DIAL ***100 UTAH*** ***ENE 1/8 - 1/4 (0.182 mi.)*** ***AF271*** ***1068***
Database: LUST REG 2, Date of Government Version: 09/30/2004

Facility Status: Case Closed
date9: 7/28/2000

GREYHOUND EXPOSITION ***100 UTAH AVE*** ***ENE 1/8 - 1/4 (0.182 mi.)*** ***AF272*** ***1068***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550090
Facility Status: 9- Case Closed
Global Id: T0608100244
Global ID: T0608100244
Status: Completed - Case Closed

WILL-STA, INC. ***1276 MONTGOMERY*** ***SW 1/8 - 1/4 (0.192 mi.)*** ***Y287*** ***1118***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 880011
Facility Status: 9- Case Closed
Global Id: T0608100619
Global ID: T0608100619
date9: 1/17/1996
Status: Completed - Case Closed

BOB LEECH'S AUTORENT ***435 S AIRPORT BLVD*** ***ESE 1/8 - 1/4 (0.205 mi.)*** ***AA301*** ***1159***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550128
Facility Status: 9- Case Closed
Global ID: T0608100753

BOB LEECH'S AUTO REN ***435 AIRPORT*** ***ESE 1/8 - 1/4 (0.205 mi.)*** ***AA303*** ***1160***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608100753
date9: 3/15/2001
Status: Completed - Case Closed

HARMON SHRAGGE CO ***280 WATTIS*** ***NE 1/8 - 1/4 (0.220 mi.)*** ***AN335*** ***1325***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550076
Facility Status: 9- Case Closed
Global Id: T0608100252
Global ID: T0608100252
date9: 8/22/1996
Status: Completed - Case Closed

TRICOR CALIFORNIA, I ***182 BEACON ST*** ***SE 1/8 - 1/4 (0.231 mi.)*** ***AK373*** ***1442***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550138
Facility Status: 9- Case Closed
Global Id: T0608100824
Global ID: T0608100824
Status: Completed - Case Closed

TRICOR 182 BEACON SE 1/8 - 1/4 (0.231 mi.) AK376 1453
Database: LUST REG 2, Date of Government Version: 09/30/2004

Facility Status: Case Closed
date9: 9/22/1997

U FREIGHT AMERICA IN ***320 COREY*** ***E 1/4 - 1/2 (0.253 mi.)*** ***AX467*** ***1849***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550094
Facility Status: 9- Case Closed
Global Id: T0608100554
Global ID: T0608100554
Status: Completed - Case Closed

U-FREIGHT AMERICA IN 320 COREY E 1/4 - 1/2 (0.253 mi.) AX468 1855
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 6/26/2001

SAN BRUNO GLASS CENT ***1160 SAN MATEO AVE*** ***SSW 1/4 - 1/2 (0.269 mi.)*** ***469*** ***1855***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550065
Facility Status: 9- Case Closed
Global Id: T0608100440
Global ID: T0608100440
Status: Completed - Case Closed

SOUTH SAN FRANCISCO ***515 S AIRPORT BLVD*** ***SE 1/4 - 1/2 (0.306 mi.)*** ***BB482*** ***1993***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550171
Facility Status: 9- Case Closed
Global ID: T0608117395

SHELL ***515 SOUTH AIRPORT BO*** ***SE 1/4 - 1/2 (0.306 mi.)*** ***BB483*** ***1995***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608117395
Status: Completed - Case Closed

PARK SFO ***501 SOUTH AIRPORT BO*** ***SE 1/4 - 1/2 (0.306 mi.)*** ***BB484*** ***1997***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550107
Facility Status: 9- Case Closed
Global ID: T0608100195

EMERY AIR FREIGHT ***501 AIRPORT*** ***SE 1/4 - 1/2 (0.306 mi.)*** ***BB485*** ***2007***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Global Id: T0608100195
date9: 8/22/1996
Status: Completed - Case Closed

AUTO SERVICE PROPERT ***1080 SAN MATEO*** ***SSW 1/4 - 1/2 (0.335 mi.)*** ***BD490*** ***2036***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 559013
Facility Status: 9- Case Closed
Global Id: T0608165213
Global ID: T0608165213
Status: Completed - Case Closed

BAY BRIDGE HARDWARE ***151 MITCHELL*** ***NE 1/4 - 1/2 (0.341 mi.)*** ***BE492*** ***2041***
Database: LUST REG 2, Date of Government Version: 09/30/2004

Facility Status: Case Closed
date9: 6/6/1995

BAY BRIDGE HARDWARE ***151 MITCHELL AVENUE*** ***NE 1/4 - 1/2 (0.341 mi.)*** ***BE493*** ***2044***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550108
Facility Status: 9- Case Closed
Global Id: T0608100650
Global ID: T0608100650
Status: Completed - Case Closed

CYCLE SHACK,INC ***1104 SAN MATEO*** ***SSW 1/4 - 1/2 (0.344 mi.)*** ***BD494*** ***2047***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550123
Facility Status: 9- Case Closed
Global Id: T0608100727
Global ID: T0608100727
date9: 11/13/2000
Status: Completed - Case Closed

FEDERAL SUPPLY WAREH ***1070 SAN MATEO*** ***SSW 1/4 - 1/2 (0.355 mi.)*** ***BD499*** ***2148***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550072
Facility Status: 9- Case Closed
Global Id: T0608100214
Global ID: T0608100214
date9: 4/28/1997
Status: Completed - Case Closed

LUCCA PACKING CORPOR ***360 HARBOR*** ***E 1/4 - 1/2 (0.401 mi.)*** ***BK522*** ***2223***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 550050
Facility Status: 9- Case Closed
Global Id: T0608100313
Global ID: T0608100313
Status: Completed - Case Closed

LUCCA PACKING ***360 HARBOR*** ***E 1/4 - 1/2 (0.401 mi.)*** ***BK523*** ***2226***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 8/16/2001

SLAKEY BROTHERS 26 ***162 HARRIS*** ***NE 1/4 - 1/2 (0.416 mi.)*** ***BO529*** ***2243***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 550199
Facility Status: 9- Case Closed
Global ID: T0608151779

TROYER AUTOMATIC DOO ***162 WEST HARRIS AVEN*** ***NE 1/4 - 1/2 (0.416 mi.)*** ***BO530*** ***2244***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0608151779
Status: Completed - Case Closed

SEWAGE PUMP STATION ***249 HARBOR*** ***NE 1/4 - 1/2 (0.437 mi.)*** ***BT541*** ***2292***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 12/06/2021

Facility Id: 550130
Facility Status: 9- Case Closed
Global Id: T0608100772
Global ID: T0608100772
Status: Completed - Case Closed

SEWAGE PUMP STATION ***249 HARBOR*** ***NE 1/4 - 1/2 (0.437 mi.)*** ***BT542*** ***2295***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 8/21/2003

AVIS CAR RENTAL ***230 HARBOR WAY*** ***NE 1/4 - 1/2 (0.447 mi.)*** ***BO549*** ***2308***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Status: Preliminary site assessment workplan submitted
Facility Id: 550184
Facility Id: 550143
Facility Status: 9- Case Closed
Global Id: T0608125206
Global Id: T0608100873
Global ID: T0608125206
Global ID: T0608100873
date9: 8/5/2003
Status: Completed - Case Closed

OLYMPIAN GATEWAY ***176 GATEWAY*** ***NNE 1/4 - 1/2 (0.484 mi.)*** ***570*** ***2430***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/06/2021
Facility Status: Case Closed
Facility Id: 550174
Facility Status: 9- Case Closed
Global Id: T0608149730
Global ID: T0608149730
date9: 2/26/2004
Status: Completed - Case Closed

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 26 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARKING CORPORATION	***120 TERMINAL***	***NNE 0 - 1/8 (0.017 mi.)***	***B39***	***62***
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Global Id: SL0608187305				
AMPHLETT PRINTING	***1331 SAN MATEO AVENU***	***WSW 0 - 1/8 (0.077 mi.)***	***G124***	***365***
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed				

Global Id: T0608117321

BINKS MANUFACTURING ***1459 SAN MATEO*** ***NNW 0 - 1/8 (0.108 mi.)*** ***Q147*** ***426***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Completed - Case Closed
Global Id: T0608148945

UNION PACIFIC ***ADJACENT 69 SOUTH LI*** ***NW 1/8 - 1/4 (0.182 mi.)*** ***AE265*** ***1057***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Site Assessment
Global Id: SL0608137279

CHEVRON AST FACILITY ***103 SOUTH LINDEN STR*** ***NW 1/8 - 1/4 (0.213 mi.)*** ***AM318*** ***1266***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Completed - Case Closed
Global Id: T10000000968

PHASE II CORP ***1229 MONTGOMERY*** ***SW 1/8 - 1/4 (0.238 mi.)*** ***AR382*** ***1473***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Remediation
Global Id: SL0608187730

1245 MONTGOMERY AVE 1245 MONTGOMERY AVEN SW 1/8 - 1/4 (0.238 mi.) AR387 1491
Database: SLIC REG 2, Date of Government Version: 09/30/2004
Facility Id: 41S0155

LOPEZ PROPERTY ***34-36 SOUTH LINDEN A*** ***NNW 1/4 - 1/2 (0.295 mi.)*** ***AY480*** ***1987***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Completed - Case Closed
Global Id: T0608110422

SFO HOTEL SHUUTLE IN ***54 TANFORAN AVE*** ***SW 1/4 - 1/2 (0.299 mi.)*** ***BA481*** ***1989***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Site Assessment
Global Id: T10000012479

SIMPSON COATINGS GRP ***111 MAPLE*** ***NW 1/4 - 1/2 (0.366 mi.)*** ***BH503*** ***2169***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Site Assessment
Global Id: T10000006432

MALASPINA PROPERTY ***30 TANFORAN AVENUE*** ***WSW 1/4 - 1/2 (0.381 mi.)*** ***BJ518*** ***2204***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Completed - Case Closed
Global Id: T10000005669

BARBARA BUTLER ARTIS ***325 S MAPLE AVE #37*** ***WSW 1/4 - 1/2 (0.423 mi.)*** ***BP531*** ***2248***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Assessment & Interim Remedial Action
Global Id: T10000014210

POETSCH PETERSON TAN ***325 SOUTH MAPLE AVE*** ***WSW 1/4 - 1/2 (0.423 mi.)*** ***BP532*** ***2249***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Completed - Case Closed
Global Id: SLT2O330220

MARYATT INDUSTRIES ***290 S NAPLE AVE*** ***W 1/4 - 1/2 (0.425 mi.)*** ***BM534*** ***2251***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Assessment & Interim Remedial Action
Global Id: SL0608175553

SHELL OIL PRODUCTS U ***135 N ACCESS RD*** ***ESE 1/4 - 1/2 (0.426 mi.)*** ***BQ536*** ***2259***
Database: SLIC REG 2, Date of Government Version: 09/30/2004

Facility Id: SL373231180

SHELL ***135 ACCESS RD N*** ***ESE 1/4 - 1/2 (0.426 mi.)*** ***BQ538*** ***2274***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Verification Monitoring
Global Id: SL373231180

ALAN BAKER PROPERTY ***180 SYLVESTER ROAD*** ***NNE 1/4 - 1/2 (0.449 mi.)*** ***BV550*** ***2371***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Site Assessment
Global Id: SL0608174279

SUN CHEMICAL ***20 LINDEN AVE S*** ***NNW 1/4 - 1/2 (0.464 mi.)*** ***BU559*** ***2397***
Database: SLIC REG 2, Date of Government Version: 09/30/2004
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Completed - Case Closed
Facility Id: 41S0007
Global Id: T0608191578

MORENA TRUST ***437 SOUTH CANAL STRE*** ***NW 1/4 - 1/2 (0.481 mi.)*** ***BW566*** ***2422***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Site Assessment
Global Id: T10000004255

416 BROWNING (FMR GO ***416 BROWNING WAY*** ***W 1/4 - 1/2 (0.485 mi.)*** ***573*** ***2452***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Assessment & Interim Remedial Action
Global Id: SL0608101503

ASSOCIATED ROAD PARC ***0 ASSOCIATED ROAD*** ***NNE 1/4 - 1/2 (0.489 mi.)*** ***577*** ***2472***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Site Assessment
Global Id: T10000006531

TRUX AIRLINE CARGO S ***195 ACCESS*** ***ESE 1/4 - 1/2 (0.498 mi.)*** ***CA584*** ***2498***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Completed - Case Closed
Global Id: T0608175368

Lower Elevation	Address	Direction / Distance	Map ID	Page

DELUXE PACKAGES ***205 SHAW RD SO*** ***SW 0 - 1/8 (0.090 mi.)*** ***M129*** ***385***
Database: SLIC REG 2, Date of Government Version: 09/30/2004
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Inactive
Facility Id: 41S0024
Global Id: T0608191585

INTERNATIONAL PAINT ***220 S LINDEN AVE*** ***SW 1/8 - 1/4 (0.145 mi.)*** ***O207*** ***700***
Database: SLIC REG 2, Date of Government Version: 09/30/2004
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Completed - Case Closed
Facility Id: 41S0030
Global Id: T0608191588

JACKSON ARMS (FORMER ***152 UTAH AVENUE*** ***ENE 1/4 - 1/2 (0.290 mi.)*** ***478*** ***1983***
Database: CPS-SLIC, Date of Government Version: 12/06/2021
Facility Status: Open - Site Assessment
Global Id: T10000012532

SFIA - SHELL OIL BAR ***150 NORTH ACCESS RD.*** ***ESE 1/4 - 1/2 (0.447 mi.)*** ***BQ548*** ***2307***
Database: CPS-SLIC, Date of Government Version: 12/06/2021

Facility Status: Open - Long Term Management
Global Id: SL374231190

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PRODUCE SHELL Database: UST, Date of Government Version: 12/06/2021 Facility Id: 41-000-017734	140 PRODUCE AVE	N 1/8 - 1/4 (0.150 mi.)	T215	754
PENSKE TRUCK LEASING Database: UST, Date of Government Version: 12/06/2021 Facility Id: FA0017858	62 SOUTH LINDEN AVEN	NW 1/8 - 1/4 (0.246 mi.)	AP443	1720

Lower Elevation	Address	Direction / Distance	Map ID	Page
GREINER SERVICE STAT Database: UST, Date of Government Version: 12/06/2021 Facility Id: FA0066751 Facility Id: 41-000-017712	300 S AIRPORT BLVD	NE 0 - 1/8 (0.065 mi.)	K102	301
JOHNNYS SHELL Database: UST, Date of Government Version: 12/06/2021 Facility Id: 41-000-017759	248 S AIRPORT BLVD	NNE 1/8 - 1/4 (0.141 mi.)	N200	675
JOHNNY'S SHELL Database: UST, Date of Government Version: 12/06/2021	248 S AIRPORT BLVD	NNE 1/8 - 1/4 (0.141 mi.)	N202	687

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 8 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOUR STAR AUTOMOTIVE Database: AST, Date of Government Version: 07/06/2016	***1405 SAN MATEO AVENU***	***NW 0 - 1/8 (0.064 mi.)***	***F88***	***234***
GRANITE ROCK CO Database: AST, Date of Government Version: 07/06/2016	1321 LOWRIE AVE	W 0 - 1/8 (0.123 mi.)	U164	455
GRANITE ROCK CO Database: AST, Date of Government Version: 07/06/2016	1321 LOWRIE	W 0 - 1/8 (0.123 mi.)	U170	500
PENSKE TRUCK LEASING Database: AST, Date of Government Version: 07/06/2016	1395 LOWRIE AVE	NNW 1/8 - 1/4 (0.191 mi.)	AH280	1097
AP ENTERPRISE Database: AST, Date of Government Version: 07/06/2016	129 S LINDEN AVE	W 1/8 - 1/4 (0.229 mi.)	AO366	1431
SFO AIRPORTER INC Database: AST, Date of Government Version: 07/06/2016	160 S LINDEN AVE	WSW 1/8 - 1/4 (0.240 mi.)	AU406	1559

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PENSKE TRUCK LEASING	62 SOUTH LINDEN AVEN	NW 1/8 - 1/4 (0.246 mi.)	AP444	1721
Database: AST, Date of Government Version: 07/06/2016				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ULTRA CLEAN TECHNOLO	***148 BEACON ST***	***SE 1/8 - 1/4 (0.138 mi.)***	***W189***	***600***
Database: AST, Date of Government Version: 07/06/2016				

Lists of state and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 10/25/2021 has revealed that there are 4 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION PACIFIC - SITE	***EAST OF 69 S. LINDEN***	***NW 1/8 - 1/4 (0.189 mi.)***	***AE278***	***1084***
Status: Active Facility Id: 60001636				
UPRR LINDEN (AKA UNI	***EAST OF 27 SOUTH LIN***	***NNW 1/8 - 1/4 (0.250 mi.)***	***AW465***	***1831***
Status: Certified O&M - Land Use Restrictions Only Facility Id: 60001136				
BASAPCO, INC.	***27-S. LINDEN***	***NNW 1/4 - 1/2 (0.287 mi.)***	***AW476***	***1967***
Status: Certified / Operation & Maintenance Facility Id: 41360069				
MORENA TRUST	***111 STARLITE STREET***	***NW 1/4 - 1/2 (0.488 mi.)***	***BW576***	***2459***
Status: Active Facility Id: 60002386				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
VALLEJOS AUTO BODY &	***1269 SAN MATEO AVE***	***SW 1/8 - 1/4 (0.182 mi.)***	***Y263***	***1043***

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 12/06/2021 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ZARC RECYCLING Cert Id: RC14202	***26 SOUTH LINDEN AVE***	***NNW 1/4 - 1/2 (0.332 mi.)***	***BC489***	***2025***

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 4 HIST Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
E.I. DUPONT DE NEMOU	160 SOUTH LINDEN AVE	WSW 1/8 - 1/4 (0.240 mi.)	AU405	1557
REICHOLD CHEMICALS,	***120 SOUTH LINDEN***	***WNW 1/4 - 1/2 (0.253 mi.)***	***AO466***	***1844***
SUN CHEMICAL CORPORA	20 SOUTH LINDEN AVEN	NNW 1/4 - 1/2 (0.363 mi.)	BC501	2164
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
VIROLOGIC INC	***270 E GRAND AVE STE***	***NE 1/2 - 1 (0.796 mi.)***	***596***	***2541***

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/18/2021 has revealed that there are 41 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GIANNINI GARDEN ORNA	***225 SHAW RD***	***SSW 0 - 1/8 (0.034 mi.)***	***D50***	***90***
SB GARAGE LLC	***1350 SAN MATEO AVE***	***W 0 - 1/8 (0.041 mi.)***	***E56***	***128***
CORPORATE IDENTITY S	1342 SAN MATEO AVE	W 0 - 1/8 (0.043 mi.)	H62	152
PENINSULA AUTO BODY	***1430 SAN MATEO AVE***	***NNW 0 - 1/8 (0.056 mi.)***	***J75***	***200***
DJ & J AUTO CARE	***1383 SAN MATEO AVE***	***NW 0 - 1/8 (0.061 mi.)***	***E80***	***217***
FOUR STAR AUTOMOTIVE	***1405 SAN MATEO AVENU***	***NW 0 - 1/8 (0.064 mi.)***	***F88***	***234***
UTAP PRINTING CO., I	***1423 SAN MATEO AVE***	***NNW 0 - 1/8 (0.064 mi.)***	***I92***	***277***
CRESCO EQUIPMENT REN	***1431 SAN MATEO AVE***	***NNW 0 - 1/8 (0.073 mi.)***	***J118***	***349***
ROYAL AUTO REPAIR	***1331 SAN MATEO AVE***	***WSW 0 - 1/8 (0.077 mi.)***	***G125***	***369***
SOUTH SAN FRANCISCO	***1321 LOWRIE AVE***	***W 0 - 1/8 (0.123 mi.)***	***U168***	***466***
PRODUCE SHELL	***140 PRODUCE AVE***	***N 1/8 - 1/4 (0.150 mi.)***	***T216***	***754***
MARJORIE BAER ACCESS	***1389 LOWRIE AVE***	***NNW 1/8 - 1/4 (0.154 mi.)***	***X224***	***790***
ETON BIOSCIENCE, INC	***130 PRODUCE AVE***	***N 1/8 - 1/4 (0.160 mi.)***	***Z234***	***864***
PENSKE TRUCK LEASING	***1395 LOWRIE AVE***	***NNW 1/8 - 1/4 (0.191 mi.)***	***AH286***	***1108***
SOUTH CITY AUTO CENT	***69 S LINDEN***	***NW 1/8 - 1/4 (0.216 mi.)***	***AE327***	***1294***
EURO AUTOBODY	***119 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.226 mi.)***	***AO350***	***1358***
ROGERS TRUCKS & EQUI	***57 S LINDEN AVE***	***NW 1/8 - 1/4 (0.228 mi.)***	***AP357***	***1377***
ACUTECH AUTO	***57 S LINDEN AVE***	***NW 1/8 - 1/4 (0.228 mi.)***	***AP358***	***1385***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BLUE SKY AUTO BODY I	***125 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.228 mi.)***	***AO364***	***1405***
OGDEN AVIATION SERVI	***129 S LINDEN AVE***	***W 1/8 - 1/4 (0.229 mi.)***	***AO365***	***1418***
PRESTIGE AUTO BODY	143 S LINDEN AVE	W 1/8 - 1/4 (0.234 mi.)	AQ380	1460
SILVESTRI	***149 S LINDEN***	***W 1/8 - 1/4 (0.238 mi.)***	***AT393***	***1498***
SFO AIRPORTER INC	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU407***	***1560***
MIRAGE REPAIR SHOP	***49 S LINDEN***	***NNW 1/8 - 1/4 (0.244 mi.)***	***AP428***	***1639***
RALPH KING FURNITURE	100 S LINDEN AVE	WNW 1/8 - 1/4 (0.244 mi.)	AM431	1653
HARRIS BROTHERS AUTO	***104 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.246 mi.)***	***AM437***	***1684***
PENSKE TRUCK LEASING	***62 SOUTH LINDEN AVEN***	***NW 1/8 - 1/4 (0.246 mi.)***	***AP446***	***1723***
UNITED PERFORMANCE C	***108 S LINDEN***	***WNW 1/8 - 1/4 (0.247 mi.)***	***AM455***	***1785***
JP AUTO BODY	***112 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.248 mi.)***	***AO464***	***1815***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AHERN RENTALS	***251 SHAW RD***	***SSE 0 - 1/8 (0.021 mi.)***	***C42***	***68***
GREINER SERVICE STAT	***300 S AIRPORT BLVD***	***NE 0 - 1/8 (0.065 mi.)***	***K109***	***317***
FIRSTELEMENT FUEL	***248 S AIRPORT BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N203***	***688***
NEW METHOD FUR DRESS	***131 BEACON ST***	***SE 1/8 - 1/4 (0.153 mi.)***	***W222***	***781***
B & B TRANSMISSIONS	***1299 SAN MATEO AVE***	***SW 1/8 - 1/4 (0.159 mi.)***	***Y228***	***850***
LEGACY AUTO TECH	***161 TANFORAN AVE***	***SW 1/8 - 1/4 (0.172 mi.)***	***Y247***	***892***
INTER CITY CLEANERS	***438 S AIRPORT BLVD***	***ESE 1/8 - 1/4 (0.179 mi.)***	***AA257***	***1017***
GREYHOUND EXPOSITION	***100 UTAH AVE***	***ENE 1/8 - 1/4 (0.182 mi.)***	***AF272***	***1068***
SUPERIOR AUTO REPAIR	***1253 SAN MATEO AVE***	***SW 1/8 - 1/4 (0.201 mi.)***	***AI296***	***1135***
SAN BRUNO TRANSFER S	***101 TANFORAN AVE***	***SW 1/8 - 1/4 (0.207 mi.)***	***Y304***	***1163***
BUDS AUTO CLINIC	***1254 MONTGOMERY AVE***	***SW 1/8 - 1/4 (0.209 mi.)***	***Y311***	***1241***
FANG'S AUTO	***1201 SAN MATEO AVE***	***SSW 1/8 - 1/4 (0.245 mi.)***	***AI436***	***1665***

PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the PFAS list, as provided by EDR, and dated 12/06/2021 has revealed that there are 2 PFAS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAN FRANCISCO INTL	SFO	SE 1/4 - 1/2 (0.435 mi.)	BR539	2280
SAN FRANCISCO INTL	SFO	SE 1/4 - 1/2 (0.453 mi.)	BR552	2375

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 20 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOUR STAR AUTOMOTIVE	***1405 SAN MATEO AVENU***	***NW 0 - 1/8 (0.064 mi.)***	***F88***	***234***
Status: A				

Comp Number: 550086				
BAY CITIES BUILDING Status: A Tank Status: A Comp Number: 550070	***1305 SAN MATEO AVE***	***SW 0 - 1/8 (0.107 mi.)***	***O144***	***423***
GRANITE ROCK CO Comp Number: 550120	***1321 LOWRIE***	***W 0 - 1/8 (0.123 mi.)***	***U167***	***463***
SUPER CROWN CATERING Status: A Comp Number: 550008	***1381 LOWRIE***	***NNW 1/8 - 1/4 (0.146 mi.)***	***X208***	***713***
PRODUCE SHELL Status: A Tank Status: A Comp Number: 550074	***140 PRODUCE AVE***	***N 1/8 - 1/4 (0.150 mi.)***	***T216***	***754***
GELCO TRUCK LEASING Comp Number: 550104	***1395 LOWRIE AVE***	***NNW 1/8 - 1/4 (0.191 mi.)***	***AH281***	***1098***
SOUTH SAN FRANCISCO Status: A Comp Number: 550039	69 S LINDEN AVE	NW 1/8 - 1/4 (0.216 mi.)	AE329	1310
FOUR STAR AUTOMOTIVE Comp Number: 550085	113 S LINDEN AVE	WNW 1/8 - 1/4 (0.223 mi.)	AM342	1335
PHASE II CORP Status: A Comp Number: 880049	***1229 MONTGOMERY***	***SW 1/8 - 1/4 (0.238 mi.)***	***AR382***	***1473***
E I DUPONT DE NEMONE Status: A Tank Status: A Comp Number: 550146	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU412***	***1586***
PENSKE TRUCK LEASING Status: A Tank Status: A Comp Number: 550105	***62 LINDEN***	***NW 1/8 - 1/4 (0.246 mi.)***	***AP442***	***1710***

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CHEVRON STATION #787 Status: A Tank Status: A Comp Number: 550049	300 S AIRPORT BLVD	NE 0 - 1/8 (0.065 mi.)	K101	300
QUALEX-DBA COLOR CRA Comp Number: 507	***103 WONDER COLOR LN***	***NE 0 - 1/8 (0.096 mi.)***	***K132***	***400***
GROSVENOR AIRPORT IN Status: A Tank Status: A Comp Number: 550116	***380 AIRPORT***	***E 1/8 - 1/4 (0.130 mi.)***	***V181***	***539***
HAMPTONS SERVICE INC Status: A Tank Status: A Comp Number: 550100	***248 S AIRPORT BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N198***	***671***
RPM RENT A CAR	410 S AIRPORT BLVD	ESE 1/8 - 1/4 (0.161 mi.)	AA236	872

Comp Number: 5161				
GENERAL RENT-A-CAR Comp Number: 550063	124 BEACON ST	SE 1/8 - 1/4 (0.163 mi.)	W239	879
THOMPSON AIRCRAFT TI Status: A Comp Number: 550194	***160 BEACON ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***AD254***	***913***
BOB LEECH'S AUTORENT Status: A Comp Number: 550046	435 S AIRPORT BLVD	ESE 1/8 - 1/4 (0.205 mi.)	AA302	1159
SAN BRUNO GARBAGE CO Status: A Tank Status: A Comp Number: 880009	***101 TANFORAN AVE***	***SW 1/8 - 1/4 (0.207 mi.)***	***Y306***	***1234***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 44 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KOLVI DEVELOPMENT CO Facility Id: 00000014513	1361 SAN MATEO AVE	WNW 0 - 1/8 (0.061 mi.)	E78	215
FOUR STAR AUTOMOTIVE Facility Id: 00000018460 Facility Id: 00000066546	***1405 SAN MATEO AVENU***	***NW 0 - 1/8 (0.064 mi.)***	***F88***	***234***
BAY CITIES BUILDING Facility Id: 00000034889	***1305 SAN MATEO***	***SW 0 - 1/8 (0.107 mi.)***	***O145***	***424***
LOWRIE PAVING	***1321 LOWRIE AVENUE***	***W 0 - 1/8 (0.123 mi.)***	***U165***	***456***
LOWRIE PAVING Facility Id: 00000001266	1321 LOWRIE AVE	W 0 - 1/8 (0.123 mi.)	U171	501
RONS SHELL SERVICE Facility Id: 00000059397	140 PRODUCE	N 1/8 - 1/4 (0.150 mi.)	T214	753
GELCO TRUCKING LEASI Facility Id: 00000046577	1395 LOWRIE AVE	NNW 1/8 - 1/4 (0.191 mi.)	AH283	1102
GELCO TRUCKING LEASI Facility Id: 00000056584	***1395 LOWRIE AVENUE***	***NNW 1/8 - 1/4 (0.191 mi.)***	***AH284***	***1103***
MARSHAL M MIRZA INC Facility Id: 00000008961	***165 SOUTH LINDEN AVE***	***WSW 1/8 - 1/4 (0.214 mi.)***	***AG319***	***1267***
SOUTH SAN FRANCISCO Facility Id: 00000013290	***69 S LINDEN AVE***	***NW 1/8 - 1/4 (0.216 mi.)***	***AE323***	***1276***
SOUTH SAN FRANCISCO	***69 SOUTH LINDEN AVEN***	***NW 1/8 - 1/4 (0.216 mi.)***	***AE325***	***1291***
FOUR STAR AUTOMOTIVE Facility Id: 00000043078	***113 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.223 mi.)***	***AM343***	***1335***
PHASE II CORP Facility Id: 00000066188 Facility Id: 00000016543	***1229 MONTGOMERY***	***SW 1/8 - 1/4 (0.238 mi.)***	***AR382***	***1473***
PHASE II	***1245 MONTGOMERY AVEN***	***SW 1/8 - 1/4 (0.238 mi.)***	***AR385***	***1488***
WEST COAST AUTOMOTIV	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU401***	***1546***
E.I. DUPONT DE NEMOU	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU410***	***1581***

Lower Elevation	Address	Direction / Distance	Map ID	Page
Facility Id: 00000063422				
E I DUPONT DE NEMONE	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU412***	***1586***
Facility Id: 00000016634				
CLARKLIFT OF SAN FRA	***277 WATTIS WAY***	***NE 1/8 - 1/4 (0.240 mi.)***	***AN415***	***1593***
Facility Id: 00000038051				
HERTZ-PENSKE TRUCK L	***62 S LINDEN AVENUE***	***NW 1/8 - 1/4 (0.246 mi.)***	***AP441***	***1709***
HERTZ-PENSKE TRUCK L	***62 S LINDEN AVE***	***NW 1/8 - 1/4 (0.246 mi.)***	***AP445***	***1721***
Facility Id: 00000003308				
MCLELLAN	***257 SHAW RD***	***S 0 - 1/8 (0.025 mi.)***	***C48***	***85***
Facility Id: 00000008484				
97875	300 SO AIRPORT BLVD	NE 0 - 1/8 (0.065 mi.)	K107	313
Facility Id: 00000063045				
DELUXE PACKAGES	***205 SHAW RD SO***	***SW 0 - 1/8 (0.090 mi.)***	***M129***	***385***
Facility Id: 00000000895				
BERKEY/COLORCRAFT	103 WONDERCOLOR LANE	NE 0 - 1/8 (0.096 mi.)	K131	399
Facility Id: 00000066042				
BAYSHORE SELF SERVE	264 S AIRPORT	NNE 0 - 1/8 (0.105 mi.)	N138	407
Facility Id: 00000014628				
GENERAL RENT A CAR (	***264 S AIRPORT BLVD***	***NNE 0 - 1/8 (0.105 mi.)***	***N139***	***408***
Facility Id: 00000053513				
GROSVENOR AIRPORT AS	***380 SO AIRPORT BLVD***	***E 1/8 - 1/4 (0.130 mi.)***	***V182***	***541***
Facility Id: 00000064272				
HAMPTON'S SERVICE, I	***248 S AIRPORT BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N197***	***652***
Facility Id: 00000044025				
HAMPTONS SERVICE INC	***248 S AIRPORT BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N198***	***671***
IMELAD HAMPTON	248 S AIRPORT BLVD	NNE 1/8 - 1/4 (0.141 mi.)	N199	674
Facility Id: 00000020097				
TORRES TEXACO	***1299 SAN MATEO AVE***	***SW 1/8 - 1/4 (0.159 mi.)***	***Y226***	***841***
Facility Id: 00000009897				
GENERAL RENT A CAR S	***410 S AIRPORT BLVD***	***ESE 1/8 - 1/4 (0.161 mi.)***	***AA235***	***871***
Facility Id: 00000053501				
RPM RENT-A-CAR	***410 AIRPORT***	***ESE 1/8 - 1/4 (0.161 mi.)***	***AA237***	***873***
VALUE RENT-A-CAR	124 BEACON STREET	SE 1/8 - 1/4 (0.163 mi.)	W241	881
Facility Id: 00000009044				
SAN FRANCISCO HYDRAN	100 UTAH AVE	ENE 1/8 - 1/4 (0.182 mi.)	AF267	1058
Facility Id: 00000020421				
GREYHOUND EXPOSITION	***100 UTAH AVE***	***ENE 1/8 - 1/4 (0.182 mi.)***	***AF272***	***1068***
Facility Id: 00000009479				
BOB LEECHS AUTORENTA	***435 SO AIRPORT BLVD***	***ESE 1/8 - 1/4 (0.205 mi.)***	***AA300***	***1158***
BOB LEECH'S AUTORENT	***435 S AIRPORT BLVD***	***ESE 1/8 - 1/4 (0.205 mi.)***	***AA301***	***1159***
Facility Id: 00000010130				
SAN BRUNO GARBAGE CO	101 TANFORAN AVE	SW 1/8 - 1/4 (0.207 mi.)	Y307	1235
Facility Id: 00000009738				
CALIFORNIA PACKAGING	184 BEACON STREET	SE 1/8 - 1/4 (0.225 mi.)	AK348	1349
Facility Id: 00000053979				
HOOKER-KOLB MEAT CO	***1247 MONTGOMERY AVE***	***SW 1/8 - 1/4 (0.231 mi.)***	***AI372***	***1441***

Facility Id: 00000008811				
TRICOR CALIFORNIA, I	***182 BEACON ST***	***SE 1/8 - 1/4 (0.231 mi.)***	***AK373***	***1442***
Facility Id: 00000063270				
TRI-COR INTERNATIONA	***182 BEACON STREET***	***SE 1/8 - 1/4 (0.231 mi.)***	***AK375***	***1446***
TRI-COR INTERNATIONA	182 BEACON ST	SE 1/8 - 1/4 (0.231 mi.)	AK377	1454
Facility Id: 00000053978				

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/18/2021 has revealed that there are 9 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOUR STAR AUTOMOTIVE	***1405 SAN MATEO AVENU***	***NW 0 - 1/8 (0.064 mi.)***	***F88***	***234***
CRESCO EQUIPMENT REN	***1431 SAN MATEO AVE***	***NNW 0 - 1/8 (0.073 mi.)***	***J118***	***349***
SOUTH SAN FRANCISCO	***1321 LOWRIE AVE***	***W 0 - 1/8 (0.123 mi.)***	***U168***	***466***
PRODUCE SHELL	***140 PRODUCE AVE***	***N 1/8 - 1/4 (0.150 mi.)***	***T216***	***754***
PENSKE TRUCK LEASING	***1395 LOWRIE AVE***	***NNW 1/8 - 1/4 (0.191 mi.)***	***AH286***	***1108***
SFO AIRPORTER INC	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU407***	***1560***
PENSKE TRUCK LEASING	***62 SOUTH LINDEN AVEN***	***NW 1/8 - 1/4 (0.246 mi.)***	***AP446***	***1723***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GREINER SERVICE STAT	***300 S AIRPORT BLVD***	***NE 0 - 1/8 (0.065 mi.)***	***K109***	***317***
HAMPTON'S SERVICE, I	***248 S AIRPORT BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N197***	***652***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 18 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOUR STAR AUTOMOTIVE	***1405 SAN MATEO AVENU***	***NW 0 - 1/8 (0.064 mi.)***	***F88***	***234***
Facility Id: 41004919				
Status: A				
BAY CITIES BUILDING	***1305 SAN MATEO AVE***	***SW 0 - 1/8 (0.107 mi.)***	***O144***	***423***
Facility Id: 41004917				
Status: A				
CROWN CATERING	1381 LOWRIE AVE	NNW 1/8 - 1/4 (0.146 mi.)	X209	723
Facility Id: 41000510				
Status: A				
PRODUCE SHELL	***140 PRODUCE AVE***	***N 1/8 - 1/4 (0.150 mi.)***	***T216***	***754***
Facility Id: 41000480				
Status: A				
GELCO TRUCK LEASING	***1395 LOWRIE AVE***	***NNW 1/8 - 1/4 (0.191 mi.)***	***AH281***	***1098***
Facility Id: 41000930				
Status: A				
SOUTH SAN FRANCISCO	***69 SOUTH LINDEN AVEN***	***NW 1/8 - 1/4 (0.216 mi.)***	***AE325***	***1291***

Facility Id: 41004913 Status: A				
FOUR STAR AUTOMOTIVE Facility Id: 41000248 Status: A	***113 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.223 mi.)***	***AM343***	***1335***
PHASE II CORP Facility Id: 41004984 Status: A	***1229 MONTGOMERY***	***SW 1/8 - 1/4 (0.238 mi.)***	***AR382***	***1473***
E I DUPONT AUTO SERV Facility Id: 41000627 Status: A	160 S LINDEN AVE	WSW 1/8 - 1/4 (0.240 mi.)	AU404	1556
HERTZ-PENSKE TRUCK L Facility Id: 41000014 Status: A	***62 S LINDEN AVENUE***	***NW 1/8 - 1/4 (0.246 mi.)***	***AP441***	***1709***

Lower Elevation	Address	Direction / Distance	Map ID	Page
QUALEX-DBA COLOR CRA Facility Id: 41000199 Status: A	***103 WONDER COLOR LN***	***NE 0 - 1/8 (0.096 mi.)***	***K132***	***400***
BEST WESTERN GROSVEN Facility Id: 41004923 Status: A	380 S AIRPORT BLVD	E 1/8 - 1/4 (0.130 mi.)	V183	544
HAMPTONS SERVICE INC Facility Id: 41004922 Status: A	***248 S AIRPORT BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N198***	***671***
RPM RENT-A-CAR Facility Id: 41000432 Status: A	***410 AIRPORT***	***ESE 1/8 - 1/4 (0.161 mi.)***	***AA237***	***873***
THOMPSON AIRCRAFT TI Facility Id: 41000526 Status: A	***160 BEACON ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***AD254***	***913***
GREYHOUND EXPOSITION Facility Id: 41000262 Status: I	100 UTAH AVE	ENE 1/8 - 1/4 (0.182 mi.)	AF270	1067
BOB LEECHS AUTORENTA Facility Id: 41004916 Status: A	***435 SO AIRPORT BLVD***	***ESE 1/8 - 1/4 (0.205 mi.)***	***AA300***	***1158***
SAN BRUNO GARBAGE CO Facility Id: 41004977 Status: A	***101 TANFORAN AVE***	***SW 1/8 - 1/4 (0.207 mi.)***	***Y306***	***1234***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 11/30/2021 has revealed that there are 4

DEED sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U-SAVE PLUMBING HARD	***108 SOUTH LINDEN AVE***	***WNW 1/8 - 1/4 (0.247 mi.)***	***AM454***	***1784***
Status: COMPLETED - CASE CLOSED Envirostor ID: T0608194029				
UPRR LINDEN (AKA UNI	***EAST OF 27 SOUTH LIN***	***NNW 1/8 - 1/4 (0.250 mi.)***	***AW465***	***1831***
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY Envirostor ID: 60001136				
BASAPCO, INC.	***27-S. LINDEN***	***NNW 1/4 - 1/2 (0.287 mi.)***	***AW476***	***1967***
Status: CERTIFIED / OPERATION & MAINTENANCE Envirostor ID: 41360069				
SUN CHEMICAL CORPORA	***20 SOUTH LINDEN AVEN***	***NNW 1/4 - 1/2 (0.363 mi.)***	***BC500***	***2156***
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY Envirostor ID: 41280103				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 98 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN MATEO COUNTY TRA EPA ID:: CAD060139359	***196 SOUTH PRODUCE AV***	***NNE 0 - 1/8 (0.018 mi.)***	***B40***	***63***
GIANNINI GARDEN ORNA EPA ID:: CAL000269373	225 SHAW RD	SSW 0 - 1/8 (0.034 mi.)	D51	118
SBGARAGE LLC EPA ID:: CAL000404469	1350 SAN MATEO AVE	W 0 - 1/8 (0.041 mi.)	E58	134
PACIFIC BELL EPA ID:: CAD981162209	***1384 SAN MATEO AVE***	***NW 0 - 1/8 (0.042 mi.)***	***E59***	***136***
GIANT HORSE PRINTING EPA ID:: CAL920394965	1336 SAN MATEO AVE	WSW 0 - 1/8 (0.049 mi.)	G66	187
KK GRAPHICS INC EPA ID:: CAL000443784	1336 SAN MATEO AVE	WSW 0 - 1/8 (0.049 mi.)	G67	190
PENINSULA AUTO BODY EPA ID:: CAL000250728	1430 SAN MATEO AVE	NNW 0 - 1/8 (0.056 mi.)	J73	197
D J & J AUTO CARE EPA ID:: CAL000267421	1383 SAN MATEO AVE	NW 0 - 1/8 (0.061 mi.)	E82	224
GRACE BODY SHOP EPA ID:: CAL000311796	1379 SAN MATEO AVE	WNW 0 - 1/8 (0.063 mi.)	E86	230
NORCAL RENTAL GROUP EPA ID:: CAL000310069	1431 SAN MATEO AVE	NNW 0 - 1/8 (0.073 mi.)	J119	356
ROYAL AUTO LIMO REPA	1331 SAN MATEO AVE	WSW 0 - 1/8 (0.077 mi.)	G122	362

EPA ID:: CAL000314661				
KENAN ADVANTAGE GROU EPA ID:: CAC003042804	1305 SAN MATEO AVE	SW 0 - 1/8 (0.107 mi.)	O143	420
GRANITE ROCK COMPANY EPA ID:: CAL000047959	1321 LOWRIE AVE	W 0 - 1/8 (0.123 mi.)	U166	461
SHELL OIL CO EPA ID:: CAD981401623	***140 PRODUCE***	***N 1/8 - 1/4 (0.150 mi.)***	***T212***	***747***
GAS & WASH PARTNERS EPA ID:: CAL000362683	140 PRODUCE AVE	N 1/8 - 1/4 (0.150 mi.)	T213	750
ETOMBIO INC DBA ETON EPA ID:: CAL000428142	130 PRODUCE AVE STE	N 1/8 - 1/4 (0.160 mi.)	Z233	862
PENSKE TRUCK LEASING EPA ID:: CAL000273147	1395 LOWRIE AVENUE	NNW 1/8 - 1/4 (0.191 mi.)	AH282	1099
CLS GLOBAL TRANSPORT	165 S LINDEN AVE	WSW 1/8 - 1/4 (0.214 mi.)	AG320	1268
PACIFIC COAST CAPITA EPA ID:: CAC003047401	165 S LINDEN AVE	WSW 1/8 - 1/4 (0.214 mi.)	AG321	1271
SOUTH SAN FRANCISCO EPA ID:: CAP000174946	69 S LINDEN AVE	NW 1/8 - 1/4 (0.216 mi.)	AE326	1292
BAYSIDE COLLISION CE EPA ID:: CAL000441272	69 S LINDEN AVE	NW 1/8 - 1/4 (0.216 mi.)	AE328	1307
EURO AUTOBODY EPA ID:: CAL000429225	119 SOUTH LINDEN AVE	WNW 1/8 - 1/4 (0.226 mi.)	AO351	1363
MERCURY TOURS EPA ID:: CAL000009145	180 S LINDEN AVE	WSW 1/8 - 1/4 (0.226 mi.)	AG353	1369
ACUTECH AUTOS INC EPA ID:: CAL000436423	57 S LINDEN AVE	NW 1/8 - 1/4 (0.228 mi.)	AP354	1371
ROGERS TRUCKS & EQUI EPA ID:: CAR000145987	57 S LINDEN AVE	NW 1/8 - 1/4 (0.228 mi.)	AP355	1374
SKYLINE COACH INC EPA ID:: CAL000438879	57 S LINDEN AVE	NW 1/8 - 1/4 (0.228 mi.)	AP359	1395
BLUE SKY AUTO BODY EPA ID:: CAL000403568	125 S LINDEN	WNW 1/8 - 1/4 (0.228 mi.)	AO363	1403
MASTERTEC INC DBA AP EPA ID:: CAL000354310	129 S LINDEN AVE	W 1/8 - 1/4 (0.229 mi.)	AO367	1432
PRIMEFLIGHT AVIATION EPA ID:: CAL000446494	129 S LINDEN AVE	W 1/8 - 1/4 (0.229 mi.)	AO368	1434
PRESTIGE AUTO BODY A EPA ID:: CAL000433273	143 SO LINDEN AVE	W 1/8 - 1/4 (0.234 mi.)	AQ379	1457
A SILVESTRI CORPORAT EPA ID:: CAL000116138	149 SOUTH LINDEN AVE	W 1/8 - 1/4 (0.238 mi.)	AT392	1496
SOUTH LINDEN, LLC EPA ID:: CAC003043267	88 S LINDEN AVE	NW 1/8 - 1/4 (0.239 mi.)	AM396	1512
GRANITE EXCAVATION A EPA ID:: CAC002970972	160 S. LINDEN AVE, S	WSW 1/8 - 1/4 (0.240 mi.)	AU398	1523
DUPONT/ KANSAI AUTOM EPA ID:: CAD009206855	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU402***	***1547***
DC3 THERAPEUTICS LLC	160 S LINDEN AVE STE	WSW 1/8 - 1/4 (0.240 mi.)	AU408	1576

EPA ID:: CAL000408582				
GRANITE EXCAVATION &	160 S LINDEN AVE STE	WSW 1/8 - 1/4 (0.240 mi.)	AU409	1579
EPA ID:: CAL000385009				
SFO AIRPORTER INC DB	160 S LINDEN AVE STE	WSW 1/8 - 1/4 (0.240 mi.)	AU411	1583
EPA ID:: CAL000374091				
ACCURATE PRINTING	160 S LINDEN AVE #12	WSW 1/8 - 1/4 (0.240 mi.)	AU413	1590
EPA ID:: CAL000440861				
ROROS AUTO REPAIR IN	1212 MONTGOMERY AVE	SW 1/8 - 1/4 (0.241 mi.)	AI417	1606
EPA ID:: CAL000451477				
PRIMESHAPE AUTOBODY	1212 MONTGOMERY AVE	SW 1/8 - 1/4 (0.241 mi.)	AI419	1609
EPA ID:: CAL000282793				
M&H COLLISION LLC	1212 MONTGOMERY AVE	SW 1/8 - 1/4 (0.241 mi.)	AI421	1632
EPA ID:: CAL000447482				
MIRAGE REPAIR SHOP	49 S LINDEN AVE	NNW 1/8 - 1/4 (0.244 mi.)	AP429	1648
EPA ID:: CAL000289763				
RALPH KING FURNITURE	100 S LINDEN AVE	WNW 1/8 - 1/4 (0.244 mi.)	AM430	1651
EPA ID:: CAL000440673				
HARRIS BROS AUTO BOD	104 S LINDEN AVE	WNW 1/8 - 1/4 (0.246 mi.)	AM438	1700
EPA ID:: CAL000321676				
ALL PETROLEUM RECOVE	114 SO LINDEN AVE	WNW 1/8 - 1/4 (0.246 mi.)	AO439	1703
EPA ID:: CAR000053454				
RMD AUTO BODY	1229 MONTGOMERY AVE	SW 1/8 - 1/4 (0.247 mi.)	AR447	1746
EPA ID:: CAL000432309				
UNITED PERFORMANCE C	108 SOUTH LINDEN AVE	WNW 1/8 - 1/4 (0.247 mi.)	AM451	1776
EPA ID:: CAL000290633				
TRANSFUSION HEALTH L	16 AIRPORT BLVD STE	N 1/8 - 1/4 (0.247 mi.)	AV456	1797
EPA ID:: CAL000446019				
UNIQUE CUSTOM COLLIS	1200 MONTGOMERY AVE	SW 1/8 - 1/4 (0.247 mi.)	AI458	1803
EPA ID:: CAL000313602				
ANTECH DIAGNOSTICS S	21 AIRPORT BLVD	N 1/8 - 1/4 (0.247 mi.)	AV460	1806
EPA ID:: CAL000444402				
JP AUTO BODY	112 S LINDEN AVE	WNW 1/8 - 1/4 (0.248 mi.)	AO462	1809
EPA ID:: CAL000372689				
SHERWIN WILLIAMS CO	***112 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.248 mi.)***	***AO463***	***1812***
EPA ID:: CAT000619296				

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
AHERN RENTALS	251 SHAW RD	SSE 0 - 1/8 (0.021 mi.)	C44	79
EPA ID:: CAL000427393				
WOOFGANG'S DOGGIE DA	242 SHAW ROAD	S 0 - 1/8 (0.047 mi.)	C65	185
GREINER SERVICE STAT	300 S. AIRPORT BLVD	NE 0 - 1/8 (0.065 mi.)	K104	307
EPA ID:: CAL000369730				
GREINER SERVICE STAT	300 S AIRPORT BLVD	NE 0 - 1/8 (0.065 mi.)	K108	314
EPA ID:: CAL000438327				
JCW	218 SHAW RD, STE 8	SW 0 - 1/8 (0.118 mi.)	M154	434
EPA ID:: CAC003047013				
HARVEST VACATION TOU	218 SHAW RD	SW 0 - 1/8 (0.118 mi.)	M155	437

EPA ID:: CAC002985779				
JCW	218 W. SHAW RD. SUIT	SW 0 - 1/8 (0.118 mi.)	M156	439
JCW	218 SHAW ROAD #8	SW 0 - 1/8 (0.118 mi.)	M157	442
EPA ID:: CAC003024892				
NORTH STATE ENVIRONM	***214 SHAW ROAD***	***SW 0 - 1/8 (0.118 mi.)***	***M160***	***448***
EPA ID:: CAD000603738				
NORTH STATE ENVIRONM	214 SHAW ROAD	SW 0 - 1/8 (0.118 mi.)	M161	452
EPA ID:: CAC002970757				
SHAW BAKERS	320B SHAW RD	SSE 1/8 - 1/4 (0.128 mi.)	L173	502
ULTRA CLEAN TECHNOLO	148 BEACON ST	SE 1/8 - 1/4 (0.138 mi.)	W188	598
EPA ID:: CAL000326745				
FIRSTELEMENT FUEL IN	248 S AIRPORT BLVD	NNE 1/8 - 1/4 (0.141 mi.)	N194	642
EPA ID:: CAL000406178				
JOHNNYS SHELL	248 S AIRPORT BLVD	NNE 1/8 - 1/4 (0.141 mi.)	N195	644
EPA ID:: CAL000303124				
L & D EQUIPMENT INC	220 S LINDEN AVE	SW 1/8 - 1/4 (0.145 mi.)	O205	695
EPA ID:: CAL000191395				
OUTPUT ENABLERS LLC	220 S LINDEN AVE STE	SW 1/8 - 1/4 (0.145 mi.)	O206	697
EPA ID:: CAL000433081				
NEW METHOD FUR	131 BEACON STREET	SE 1/8 - 1/4 (0.153 mi.)	W221	779
EPA ID:: CAL000252459				
PODIUM AUTO CENTER	1299 SAN MATEO AVE	SW 1/8 - 1/4 (0.159 mi.)	Y227	845
EPA ID:: CAL000443423				
B & B TRANSMISSIONS	1299 SAN MATEO AVE	SW 1/8 - 1/4 (0.159 mi.)	Y231	859
EPA ID:: CAL000112702				
MOHAMMED MALEK	147 BEACON ST	SE 1/8 - 1/4 (0.170 mi.)	W242	881
EPA ID:: CAC002973930				
MOHAMED MALEK	147 BEACON ST	SE 1/8 - 1/4 (0.170 mi.)	W243	884
EPA ID:: CAC002969601				
OSCAR M VASQUEZ LEGA	161 TANFORAN AVE	SW 1/8 - 1/4 (0.172 mi.)	Y248	905
EPA ID:: CAL000410887				
DR AUTO BODY	1273 SAN MATEO AVE	SW 1/8 - 1/4 (0.175 mi.)	Y249	907
EPA ID:: CAL000430635				
NRI SANDBLASTING & P	436 S AIRPORT BLVD.	ESE 1/8 - 1/4 (0.180 mi.)	AA259	1026
A&F AUTO BODY	1265 SAN MATEO AVE	SW 1/8 - 1/4 (0.180 mi.)	Y261	1038
EPA ID:: CAL000315763				
VALLEJO'S AUTO BODY	1269 SAN MATEO AVE	SW 1/8 - 1/4 (0.182 mi.)	Y264	1054
EPA ID:: CAL000443209				
EXHIBIT GROUP SAN FR	***100 UTAH AVE***	***ENE 1/8 - 1/4 (0.182 mi.)***	***AF268***	***1059***
EPA ID:: CAD981625254				
GOODWILL INDUSTRIES	100 UTAH AVE	ENE 1/8 - 1/4 (0.182 mi.)	AF269	1065
EPA ID:: CAL000439931				
LERA GLASS INC	1245 SAN MATEO AVE	SW 1/8 - 1/4 (0.196 mi.)	Y290	1124
EPA ID:: CAL000404787				
SEGOVIA AUTO BODY IN	1249 SAN MATEO AVE	SW 1/8 - 1/4 (0.198 mi.)	AI292	1127
EPA ID:: CAL000316530				
ALPHA RESTORATION &	454 S AIRPORT BLVD	ESE 1/8 - 1/4 (0.201 mi.)	AJ294	1130

EPA ID:: CAL000323328				
SUPERIOR AUTO REPAIR EPA ID:: CAL000340967	1253 SAN MATEO AVE	SW 1/8 - 1/4 (0.201 mi.)	AI295	1133
CABLECOM LLC EPA ID:: CAC003040298	137 UTAH AVE	ENE 1/8 - 1/4 (0.202 mi.)	AF299	1155
RECOLOGY SAN BRUNO D EPA ID:: CAL000129333	101 TANFORAN AVE	SW 1/8 - 1/4 (0.207 mi.)	Y305	1231
BUDS AUTO CLINIC EPA ID:: CAL000070873	1254 MONTGOMERY AVE	SW 1/8 - 1/4 (0.209 mi.)	Y310	1239
U-FREIGHT AMERICA IN EPA ID:: CAL000335429	405B SOUTH AIRPORT B	E 1/8 - 1/4 (0.209 mi.)	AL312	1252
GOODWILL INDUSTRIES EPA ID:: CAL000427087	405B SOUTH AIRPORT B	E 1/8 - 1/4 (0.209 mi.)	AL315	1257
GEORGE ABRAHAMSOHN	1240 MONTGOMERY AVE	SW 1/8 - 1/4 (0.216 mi.)	AI332	1315
SCAFFOLD INSPECTION EPA ID:: CAC002971790	183 BEACON STREET	SE 1/8 - 1/4 (0.222 mi.)	AK339	1329
ACCESS SYSTEMS & SOL EPA ID:: CAL000343897	183 BEACON ST STE A	SE 1/8 - 1/4 (0.222 mi.)	AK341	1332
AMAZON AUTO BODY EPA ID:: CAL000364546	1255 MONTGOMERY AVE	SW 1/8 - 1/4 (0.223 mi.)	AI345	1343
AMAZON AUTOBODY EPA ID:: CAC002971376	1255 MONTGOMERY AVE	SW 1/8 - 1/4 (0.223 mi.)	AI347	1347
MERCK SHARP & DOHME EPA ID:: CAT000646216	***340 SHAW RD***	***SSE 1/8 - 1/4 (0.238 mi.)***	***AS390***	***1492***
K WILSON & COMPANY I EPA ID:: CAL000234898	189 BEACON ST	SE 1/8 - 1/4 (0.238 mi.)	AK394	1509
CERTIFIED AUTOBODY EPA ID:: CAL000206531	1201 SAN MATEO AVE	SSW 1/8 - 1/4 (0.245 mi.)	AI432	1656
FANGS AUTO	1201 SAN MATEO AVE	SSW 1/8 - 1/4 (0.245 mi.)	AI434	1662

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 10/26/2021 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMP TANFORAN		WSW 1/2 - 1 (0.611 mi.)	CB589	2514

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUN CHEMICAL CORPORA	20 SOUTH LINDEN AVEN	NNW 1/4 - 1/2 (0.363 mi.)	BC502	2168

EXECUTIVE SUMMARY

Hazardous Materials Business Plan, Hazardous Waste Generator, Underground Storage tanks

A review of the San Mateo Co. BI list, as provided by EDR, and dated 02/20/2020 has revealed that there are 148 San Mateo Co. BI sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHASTA PRODUCE Facility Id: FA0037696	155 TERMINAL	N 0 - 1/8 (0.001 mi.)	B36	56
VERIZON WIRELESS SFO Facility Id: FA0029335	***1 TERMINAL***	***NNE 0 - 1/8 (0.007 mi.)***	***B37***	***56***
MIKES MOBIL TRUCK SE Facility Id: FA0037558	110 TERMINAL	NNE 0 - 1/8 (0.014 mi.)	B38	61
SAN MATEO COUNTY TRA Facility Id: FA0023211	***196 PRODUCE***	***N 0 - 1/8 (0.025 mi.)***	***B46***	***84***
HEAT & CONTROL INC Facility Id: FA0017903 Facility Id: FA0027612	225 SHAW	SSW 0 - 1/8 (0.034 mi.)	D49	89
RC & A PRINTING & PU Facility Id: FA0011778 Facility Id: FA0037710	1364 SAN MATEO	WNW 0 - 1/8 (0.038 mi.)	E52	120
STATIC NINE GARAGE Facility Id: FA0052615 Facility Id: FA0057517	1350 SAN MATEO	W 0 - 1/8 (0.041 mi.)	E55	127
SB GARAGE LLC Facility Id: FA0063377	1350 SAN MATEO	W 0 - 1/8 (0.041 mi.)	E57	133
CORPORATE IDENTITY S Facility Id: FA0012010	1342 SAN MATEO	W 0 - 1/8 (0.043 mi.)	H60	139
GREENSTAR LAUNDRY & Facility Id: FA0052614	1352 SAN MATEO	W 0 - 1/8 (0.044 mi.)	E63	156
GIANT HORSE PRINTING Facility Id: FA0014013	1336 SAN MATEO	WSW 0 - 1/8 (0.049 mi.)	G68	192
KK GRAPHICS INC Facility Id: FA0066238	1336 SAN MATEO	WSW 0 - 1/8 (0.049 mi.)	G69	193
SSF SEWAGE PUMP STAT Facility Id: FA0008509	235 SHAW	SSW 0 - 1/8 (0.053 mi.)	D71	196
H.G. MAKELIM CO. Facility Id: FA0024703	219 SHAW	SSW 0 - 1/8 (0.055 mi.)	D72	197
W W GRAINGER Facility Id: FA0011846 Facility Id: FA0027270	1430 SAN MATEO	NNW 0 - 1/8 (0.056 mi.)	J74	200
BAYSHORE TRUCK EQUIP Facility Id: FA0017884	1367 SAN MATEO	WNW 0 - 1/8 (0.060 mi.)	E76	212
ARCOS AUTO BODY & DE Facility Id: FA0023979	1361 SAN MATEO	WNW 0 - 1/8 (0.061 mi.)	E79	217
E & J AUTO REPAIR Facility Id: FA0018307 Facility Id: FA0027655	1383 SAN MATEO	NW 0 - 1/8 (0.061 mi.)	E81	223
NATIONWIDE LIMOUSINE	1397 SAN MATEO	NW 0 - 1/8 (0.061 mi.)	F83	226

Facility Id: FA0011783				
GRACE BODY SHOP Facility Id: FA0017799	1379 SAN MATEO	WNW 0 - 1/8 (0.063 mi.)	E84	227
CRANKSHAFT CORP Facility Id: FA0011782 Facility Id: FA0011845	1381 SAN MATEO	NW 0 - 1/8 (0.064 mi.)	E87	233
FOUR STAR AUTOMOTIVE Facility Id: FA0017745	***1405 SAN MATEO***	***NW 0 - 1/8 (0.064 mi.)***	***F89***	***251***
DYNASTY CUSTOMS BROK Facility Id: FA0029700	1409 SAN MATEO	NNW 0 - 1/8 (0.064 mi.)	I90	255
GRACE BODY SHOP Facility Id: FA0029699	***1387 SAN MATEO***	***NW 0 - 1/8 (0.064 mi.)***	***F91***	***256***
UTAP PRINTING CO., I Facility Id: FA0026154	1423 SAN MATEO	NNW 0 - 1/8 (0.064 mi.)	I94	288
PREMIER MOUNTING & D Facility Id: FA0011703 Facility Id: FA0053757 Facility Id: FA0029395	220 SHAW	SSW 0 - 1/8 (0.064 mi.)	D95	289
ARCOS AUTO BODY & DE Facility Id: FA0023980	1359-61 SAN MATEO	WNW 0 - 1/8 (0.065 mi.)	E100	299
TAYLORMADE AUTOMOTIV Facility Id: FA0011777	1357 SAN MATEO	W 0 - 1/8 (0.066 mi.)	E112	345
ALI BABA Facility Id: FA0046183	1429 SAN MATEO	NNW 0 - 1/8 (0.068 mi.)	I114	346
HEAT & CONTROL INC Facility Id: FA0011758	1341 SAN MATEO	W 0 - 1/8 (0.069 mi.)	H117	349
CRESCO EQUIPMENT REN Facility Id: FA0015278	1431 SAN MATEO	NNW 0 - 1/8 (0.073 mi.)	J120	359
ROYAL AUTO REPAIR Facility Id: FA0033252	1331 SAN MATEO	WSW 0 - 1/8 (0.077 mi.)	G123	364
JOHNSTONE SUPPLY Facility Id: FA0011882	1445 SAN MATEO	NNW 0 - 1/8 (0.082 mi.)	J127	383
REGAL GRAPHICS INC Facility Id: FA0011889	1451 SAN MATEO	NNW 0 - 1/8 (0.101 mi.)	J134	404
BAY CITIES BUILDING Facility Id: FA0017731	***1305 SAN MATEO***	***SW 0 - 1/8 (0.107 mi.)***	***O145***	***424***
EURO AUTOBODY Facility Id: FA0016569	1334 LOWRIE	WNW 0 - 1/8 (0.108 mi.)	P146	425
BINKS MANUFACTURING Facility Id: FA0017850	***1459 SAN MATEO***	***NNW 0 - 1/8 (0.108 mi.)***	***Q147***	***426***
KARTWERKS INC Facility Id: FA0024377	1352 LOWRIE	NW 0 - 1/8 (0.108 mi.)	R148	427
CALS Facility Id: FA0016559	1368 LOWRIE	NNW 0 - 1/8 (0.109 mi.)	S149	428
PARKING CO OF AMERIC Facility Id: FA0011842	160 PRODUCE	NNE 0 - 1/8 (0.109 mi.)	T150	428
UNIVERSAL FLEET SUPP	1376 LOWRIE	NNW 0 - 1/8 (0.117 mi.)	S153	434

Facility Id: FA0011896				
CERES Facility Id: FA0023239	1353 LOWRIE	NW 0 - 1/8 (0.121 mi.)	R162	454
DY DEE WASH CORP Facility Id: FA0011886	1369 LOWRIE	NW 0 - 1/8 (0.123 mi.)	S163	454
GRANITE ROCK CO Facility Id: FA0017889 Facility Id: FA0009127	***1321 LOWRIE***	***W 0 - 1/8 (0.123 mi.)***	***U167***	***463***
PRINOVA CO INC Facility Id: FA0005586	1345 LOWRIE	WNW 0 - 1/8 (0.124 mi.)	P172	502
A P VEHICLE & EQUIPM Facility Id: FA0022460	1394 LOWRIE	NNW 1/8 - 1/4 (0.129 mi.)	Q179	535
NELSON COMMERCIAL TI Facility Id: FA0029739	1392 LOWRIE	NNW 1/8 - 1/4 (0.135 mi.)	Q186	545
P & S TOWING Facility Id: FA0027508	1375 LOWRIE	NNW 1/8 - 1/4 (0.139 mi.)	X193	641
SUPER CROWN CATERING Facility Id: FA0003745	***1381 LOWRIE***	***NNW 1/8 - 1/4 (0.146 mi.)***	***X208***	***713***
SHELL OIL Facility Id: FA0017734 Facility Id: FA0049479	***140 PRODUCE***	***N 1/8 - 1/4 (0.150 mi.)***	***T217***	***772***
INTERSTATE BATTERY S Facility Id: FA0011670	1383 LOWRIE	NNW 1/8 - 1/4 (0.152 mi.)	X219	778
PENINSULA COLOR SERV Facility Id: FA0024798 Facility Id: FA0036736	1389 LOWRIE	NNW 1/8 - 1/4 (0.154 mi.)	X223	789
ETON BIOSCIENCE Facility Id: FA0063082	130 PRODUCE	N 1/8 - 1/4 (0.160 mi.)	Z232	861
BROKE NECK KUSTOMS I Facility Id: FA0030309	1387 LOWRIE	NNW 1/8 - 1/4 (0.175 mi.)	X252	912
MOBILE FOODS Facility Id: FA0001433	326 SHAW	SSE 1/8 - 1/4 (0.176 mi.)	AC253	913
GELCO TRUCK LEASING Facility Id: FA0028474	***1395 LOWRIE***	***NNW 1/8 - 1/4 (0.191 mi.)***	***AH279***	***1096***
SSF SEWAGE PUMP STAT Facility Id: FA0008510	1479 SAN MATEO	N 1/8 - 1/4 (0.193 mi.)	288	1122
WINGFOOT Facility Id: FA0017872	240 DOLLAR	WSW 1/8 - 1/4 (0.213 mi.)	AG316	1260
SOUTH CITY SCAVENGER Facility Id: FA0017702 Facility Id: FA0040167 Facility Id: FA0044795 Facility Id: FA0027476	***69 LINDEN***	***NW 1/8 - 1/4 (0.216 mi.)***	***AE324***	***1279***
MONROE SCHNEIDER ASS Facility Id: FA0026386	***274 WATTIS***	***NE 1/8 - 1/4 (0.217 mi.)***	***AN334***	***1323***
FOUR STAR AUTOMOTIVE Facility Id: FA0017744	***113 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.223 mi.)***	***AM343***	***1335***

Facility Id: FA0017812				
PHASE II Facility Id: FA0018250	1245 MONTGOMERY	SW 1/8 - 1/4 (0.238 mi.)	AR383	1487
PRESTIGE AUTO BODY & Facility Id: FA0035253	1245A MONTGOMERY	SW 1/8 - 1/4 (0.238 mi.)	AR384	1487
MOBILE ACTION AUTO B Facility Id: FA0028959	1245A MONTGOMERY	SW 1/8 - 1/4 (0.238 mi.)	AR386	1490
PHASE II Facility Id: FA0006530	1245 MONTGOMERY	SW 1/8 - 1/4 (0.238 mi.)	AR388	1491
PRESTIGE AUTO BODY Facility Id: FA0039905	1245 MONTGOMERY	SW 1/8 - 1/4 (0.238 mi.)	AR389	1491
DUPONT Facility Id: FA0017794 Facility Id: FA0051800 Facility Id: FA0053669 Facility Id: FA0054621 Facility Id: FA0027588	***160 LINDEN***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU399***	***1526***
EVENT MANAGEMENTS Facility Id: FA0029676	277 WATTIS	NE 1/8 - 1/4 (0.240 mi.)	AN414	1592
ROY BRIZIO STREET RO Facility Id: FA0003587	263 WATTIS	NE 1/8 - 1/4 (0.241 mi.)	AN416	1606
RORO'S AUTO BODY Facility Id: FA0067216	1212 MONTGOMERY	SW 1/8 - 1/4 (0.241 mi.)	AI418	1609
PRIMESHAPE AUTOBODY Facility Id: FA0023521	***1212 MONTGOMERY AVE***	***SW 1/8 - 1/4 (0.241 mi.)***	***AI420***	***1612***
M&H COLLISION LLC Facility Id: FA0066406	1212 MONTGOMERY	SW 1/8 - 1/4 (0.241 mi.)	AI422	1635
CALIFORNIA ETCHING C Facility Id: FA0004320	1212 MONTGOMERY	SW 1/8 - 1/4 (0.241 mi.)	AI423	1635
SAMSON PRESS Facility Id: FA0015764	261 WATTIS	NE 1/8 - 1/4 (0.241 mi.)	AN424	1635
SAN FRANCISCO DELUXE Facility Id: FA0045073	259 WATTIS AVE - ADJ	NE 1/8 - 1/4 (0.241 mi.)	AN425	1636
PENSKE TRUCK LEASING Facility Id: FA0017858	***62 LINDEN***	***NW 1/8 - 1/4 (0.246 mi.)***	***AP442***	***1710***
MUSCAT AUTO BODY Facility Id: FA0025500	1229 MONTGOMERY	SW 1/8 - 1/4 (0.247 mi.)	AR448	1749
RMD AUTO LLC Facility Id: FA0062985	1229 MONTGOMERY	SW 1/8 - 1/4 (0.247 mi.)	AR449	1750
MUSCAT AUTOBODY Facility Id: FA0054705	***1229 MONTGOMERY***	***SW 1/8 - 1/4 (0.247 mi.)***	***AR450***	***1750***
U-SAVE PLUMBING HARD Facility Id: FA0027540 Facility Id: FA0029163	***108 LINDEN***	***WNW 1/8 - 1/4 (0.247 mi.)***	***AM453***	***1781***
UNIQUE CUSTOM COLLIS Facility Id: FA0025354	***1200 MONTGOMERY AVE***	***SW 1/8 - 1/4 (0.247 mi.)***	***AI457***	***1800***
WESTERN PAINTING CO	21 AIRPORT	N 1/8 - 1/4 (0.247 mi.)	AV459	1806

Facility Id: FA0027652				
ANTECH DIAGNOSTICS - Facility Id: FA0064126	21 AIRPORT	N 1/8 - 1/4 (0.247 mi.)	AV461	1809
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
STURDY OIL Facility Id: FA0025542 Facility Id: FA0017900 Facility Id: FA0052637 Facility Id: FA0038769	***251 SHAW***	***SSE 0 - 1/8 (0.021 mi.)***	***C41***	***67***
AHERN RENTALS, SFO-1 Facility Id: FA0063048	251 SHAW	SSE 0 - 1/8 (0.021 mi.)	C43	79
CHEVRON 9-7875 Facility Id: FA0022605 Facility Id: FA0017712 Facility Id: FA0066751	***300 AIRPORT***	***NE 0 - 1/8 (0.065 mi.)***	***K110***	***329***
RUTLAND PLASTIC TECH Facility Id: FA0022375 Facility Id: FA0023340	310 SHAW	SSE 0 - 1/8 (0.087 mi.)	L128	384
VALLEY AUTOMOTIVE Facility Id: FA0011776 Facility Id: FA0038092 Facility Id: FA0028183	205 SHAW	SW 0 - 1/8 (0.090 mi.)	M130	398
SAN FRANCISCO DIFFER Facility Id: FA0025544	214 SHAW RD BLDG 8 #	SW 0 - 1/8 (0.104 mi.)	M135	404
UMILI AMERICA Facility Id: FA0011767	200 SHAW	SW 0 - 1/8 (0.107 mi.)	M140	409
UNITED KITCHEN EQUIP Facility Id: FA0011766	206 SHAW	SW 0 - 1/8 (0.107 mi.)	M141	410
ANCHOR FENCE CO Facility Id: FA0011704 Facility Id: FA0011888 Facility Id: FA0029637 Facility Id: FA0038090 Facility Id: FA0026161 **Additional key fields are available in the Map Findings section*	212 SHAW	SW 0 - 1/8 (0.109 mi.)	M151	429
AHERN RENTALS SFO-15 Facility Id: FA0058226	218 SHAW	SW 0 - 1/8 (0.118 mi.)	M158	444
NORTH STATE ENVIRONM Facility Id: FA0024550 Facility Id: FA0024551 Facility Id: FA0025543 Facility Id: FA0011768 Facility Id: FA0038741 **Additional key fields are available in the Map Findings section*	214 SHAW	SW 0 - 1/8 (0.118 mi.)	M159	445
SPRINT NEXTEL CELL S Facility Id: FA0045100	320 SHAW	SSE 1/8 - 1/4 (0.128 mi.)	L174	505
US MINT WAREHOUSE Facility Id: FA0035534	320 SHAW	SSE 1/8 - 1/4 (0.128 mi.)	L175	505
NEW FRENCH BAKERY/LA	320B SHAW	SSE 1/8 - 1/4 (0.128 mi.)	L176	506

Facility Id: FA0053876				
SPUMONI Facility Id: FA0017917	320 SHAW	SSE 1/8 - 1/4 (0.128 mi.)	L177	506
GROSVENOR AIRPORT IN Facility Id: FA0010988 Facility Id: FA0029168	***380 AIRPORT***	***E 1/8 - 1/4 (0.130 mi.)***	***V181***	***539***
AUTO PARTS CLUB LLC Facility Id: FA0012925	130 BEACON	SE 1/8 - 1/4 (0.132 mi.)	W184	545
ULTRA CLEAN TECHNOLO Facility Id: FA0010522	148 BEACON	SE 1/8 - 1/4 (0.138 mi.)	W190	635
HAMPTONS SERVICE INC Facility Id: FA0059082	***248 S AIRPORT BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N198***	***671***
INTERNATIONAL PAINT Facility Id: FA0045102	***220 S LINDEN AVE***	***SW 1/8 - 1/4 (0.145 mi.)***	***O207***	***700***
PIONEER MOTOR BEARIN Facility Id: FA0017829	116 BEACON	SE 1/8 - 1/4 (0.150 mi.)	W211	746
NEW METHOD FUR DRESS Facility Id: FA0011062	131 BEACON	SE 1/8 - 1/4 (0.153 mi.)	W220	778
B & B TRANSMISSIONS Facility Id: FA0011133	1299 SAN MATEO	SW 1/8 - 1/4 (0.159 mi.)	Y229	858
PODIUM AUTO CENTER Facility Id: FA0065681	1299 SAN MATEO	SW 1/8 - 1/4 (0.159 mi.)	Y230	858
RPM RENT-A-CAR Facility Id: FA0005195	***410 AIRPORT***	***ESE 1/8 - 1/4 (0.161 mi.)***	***AA237***	***873***
GENERAL RENT A CAR Facility Id: FA0011182	***124 BEACON***	***SE 1/8 - 1/4 (0.163 mi.)***	***W240***	***880***
LC AUTO ELECTRIC Facility Id: FA0022533 Facility Id: FA0037630 Facility Id: FA0040220 Facility Id: FA0046058	161 TANFORAN CENTER	SW 1/8 - 1/4 (0.171 mi.)	Y246	889
JOSELITOS AUTOMOTIVE Facility Id: FA0024578 Facility Id: FA0049173 Facility Id: FA0052653 Facility Id: FA0054726 Facility Id: FA0047878	1273 SAN MATEO	SW 1/8 - 1/4 (0.175 mi.)	Y250	910
DR AUTO BODY SHOP Facility Id: FA0062384	1273 SAN MATEO	SW 1/8 - 1/4 (0.175 mi.)	Y251	912
THOMPSON AIRCRAFT TI Facility Id: FA0017868	***160 BEACON ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***AD254***	***913***
INTER CITY CLEANERS Facility Id: FA0017831	438 AIRPORT	ESE 1/8 - 1/4 (0.179 mi.)	AA256	1017
NRI SANDBLASTING & P Facility Id: FA0028138	436 AIRPORT	ESE 1/8 - 1/4 (0.180 mi.)	AA258	1026
A & F AUTO BODY REPA Facility Id: FA0024755	***1265 SAN MATEO AVENU***	***SW 1/8 - 1/4 (0.180 mi.)***	***Y260***	***1029***
VALLEJOS AUTO BODY &	***1269 SAN MATEO AVE***	***SW 1/8 - 1/4 (0.182 mi.)***	***Y263***	***1043***

Facility Id: FA0011553				
QUONG HOP & CO Facility Id: FA0010944	161 BEACON	SE 1/8 - 1/4 (0.182 mi.)	AD266	1058
GREYHOUND DIAL Facility Id: FA0017686	***100 UTAH***	***ENE 1/8 - 1/4 (0.182 mi.)***	***AF271***	***1068***
GOODWILL OF SAN FRAN Facility Id: FA0064891	100 UTAH	ENE 1/8 - 1/4 (0.182 mi.)	AF273	1079
A & F AUTO BODY REPA Facility Id: FA0045227	1261-65 SAN MATEO	SW 1/8 - 1/4 (0.184 mi.)	Y274	1080
JIM GRIFFIN & SON BR Facility Id: FA0024754	1261 SAN MATEO	SW 1/8 - 1/4 (0.184 mi.)	Y275	1080
WILL-STA, INC. Facility Id: FA0029457	***1276 MONTGOMERY***	***SW 1/8 - 1/4 (0.192 mi.)***	***Y287***	***1118***
GRAFEN MACHINE WORKS Facility Id: FA0018313 Facility Id: FA0045226	1245 SAN MATEO	SW 1/8 - 1/4 (0.196 mi.)	Y289	1122
JAPAN AUTO SERVICE Facility Id: FA0022523 Facility Id: FA0037330	1249 SAN MATEO	SW 1/8 - 1/4 (0.198 mi.)	AI291	1126
ALPHA RESTORATION & Facility Id: FA0035012	454 AIRPORT	ESE 1/8 - 1/4 (0.201 mi.)	AJ293	1130
SAN BRUNO AUTO KRAFT Facility Id: FA0011552 Facility Id: FA0045145 Facility Id: FA0028821	***1253 SAN MATEO AVE***	***SW 1/8 - 1/4 (0.201 mi.)***	***AI297***	***1146***
ULTRA CLEAN TECHNOLO Facility Id: FA0028613	171 BEACON	SE 1/8 - 1/4 (0.202 mi.)	AK298	1155
BOB LEECH'S AUTO REN Facility Id: FA0017709	***435 AIRPORT***	***ESE 1/8 - 1/4 (0.205 mi.)***	***AA303***	***1160***
SAN BRUNO GARBAGE Facility Id: FA0018213 Facility Id: FA0046855 Facility Id: FA0046856 Facility Id: FA0029028	101 TANFORAN	SW 1/8 - 1/4 (0.207 mi.)	Y308	1235
BUDS AUTO CLINIC Facility Id: FA0018253	1254 MONTGOMERY	SW 1/8 - 1/4 (0.209 mi.)	Y309	1238
PACIFIC PLASTIC PROD Facility Id: FA0039023	***405 SOUTH AIRPORT BO***	***E 1/8 - 1/4 (0.209 mi.)***	***AL314***	***1255***
SEGOVIA AUTO REPAIR Facility Id: FA0050860 Facility Id: FA0058095 Facility Id: FA0037328 Facility Id: FA0048029 Facility Id: FA0028770	1229 SAN MATEO	SW 1/8 - 1/4 (0.216 mi.)	AI330	1311
CASTILLOS AUTO REPAI Facility Id: FA0053025 Facility Id: FA0032031 Facility Id: FA0045273	1240 MONTGOMERY	SW 1/8 - 1/4 (0.216 mi.)	AI331	1314
HARMON SHRAGGE CO	***280 WATTIS***	***NE 1/8 - 1/4 (0.220 mi.)***	***AN335***	***1325***

Facility Id: FA0023125				
THE BONEYARD Facility Id: FA0056453	1225 SAN MATEO	SW 1/8 - 1/4 (0.220 mi.)	AI336	1328
EXPRESS CAFE Facility Id: FA0001441	1225 SAN MATEO	SW 1/8 - 1/4 (0.220 mi.)	AI337	1328
EXPRESS CAFE Facility Id: FA0053906	1225 SAN MATEO	SW 1/8 - 1/4 (0.220 mi.)	AI338	1329
ATLAS METAL SPINNING Facility Id: FA0022512 Facility Id: FA0005524 Facility Id: FA0039080	183 BEACON	SE 1/8 - 1/4 (0.222 mi.)	AK340	1331
PRE CUT SPECIALTIES Facility Id: FA0011692	344 SHAW	SSE 1/8 - 1/4 (0.223 mi.)	AC344	1343
PRO TECH Facility Id: FA0025945 Facility Id: FA0048165 Facility Id: FA0047431	1255 MONTGOMERY	SW 1/8 - 1/4 (0.223 mi.)	AI346	1346
KUSBER ENTERPRISES Facility Id: FA0018314	1213 SAN MATEO	SW 1/8 - 1/4 (0.231 mi.)	AI370	1440
CRANKSHAFT CORPORATI Facility Id: FA0029735	1247 MONTGOMERY	SW 1/8 - 1/4 (0.231 mi.)	AI371	1441
HOOKER-KOLB MEAT CO Facility Id: FA0059775	***1247 MONTGOMERY AVE***	***SW 1/8 - 1/4 (0.231 mi.)***	***AI372***	***1441***
ULTRA CLEAN TECHNOLO Facility Id: FA0026795	182-184 BEACON	SE 1/8 - 1/4 (0.231 mi.)	AK374	1445
RENTAL CAR SHUTTLE Facility Id: FA0037659 Facility Id: FA0026789	340 SHAW	SSE 1/8 - 1/4 (0.238 mi.)	AS391	1495
K WILSON & COMPANY I Facility Id: FA0037552	189 BEACON	SE 1/8 - 1/4 (0.238 mi.)	AK395	1512
CERTIFIED AUTO BODY Facility Id: FA0018285	1201 SAN MATEO	SSW 1/8 - 1/4 (0.245 mi.)	AI435	1664

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/16/2021 has revealed that there are 84 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAMTRANS VACANT Cleanup Status: COMPLETED - CASE CLOSED	***196 PRODUCE***	***N 0 - 1/8 (0.025 mi.)***	***B45***	***82***
PEKING HANDICRAFT Cleanup Status: COMPLETED - CASE CLOSED	***1388 SAN MATEO***	***NW 0 - 1/8 (0.039 mi.)***	***F53***	***121***
LUBRIVAN TRUCK SERVI Cleanup Status: COMPLETED - CASE CLOSED	***1320 SAN MATEO***	***WSW 0 - 1/8 (0.040 mi.)***	***G54***	***124***
FOUR STAR AUTOMOTIVE	***1405 SAN MATEO***	***NW 0 - 1/8 (0.064 mi.)***	***F89***	***251***

Cleanup Status: COMPLETED - CASE CLOSED

BACON PROPERTY	***220 SHAW ROAD***	***SSW 0 - 1/8 (0.064 mi.)***	***D97***	***293***
Cleanup Status: COMPLETED - CASE CLOSED				
CENTRAL CONCRETE SUP	***1305 SAN MATEO DR***	***SW 0 - 1/8 (0.107 mi.)***	***O142***	***410***
Cleanup Status: COMPLETED - CASE CLOSED				
LOWRIE PAVING	***1321 LOWRIE AVENUE***	***W 0 - 1/8 (0.123 mi.)***	***U165***	***456***
Cleanup Status: COMPLETED - CASE CLOSED				
DIADOTI CONSTRUCTION	***1461 SAN MATEO***	***NNW 1/8 - 1/4 (0.141 mi.)***	***Q204***	***692***
Cleanup Status: COMPLETED - CASE CLOSED				
SUPER CROWN CATERING	***1381 LOWRIE***	***NNW 1/8 - 1/4 (0.146 mi.)***	***X208***	***713***
Cleanup Status: COMPLETED - CASE CLOSED				
EQUILON ENTERPRISES	***140 PRODUCE***	***N 1/8 - 1/4 (0.150 mi.)***	***T218***	***774***
Cleanup Status: COMPLETED - CASE CLOSED				
COLOR CRAFT	***255 AIRPORT***	***NE 1/8 - 1/4 (0.171 mi.)***	***AB244***	***886***
Cleanup Status: COMPLETED - CASE CLOSED				
PIERCE TRUCKING	***201 SOUTH LINDEN AVE***	***WSW 1/8 - 1/4 (0.188 mi.)***	***AG277***	***1081***
Cleanup Status: COMPLETED - CASE CLOSED				
GELCO TRUCKING LEASI	***1395 LOWRIE AVENUE***	***NNW 1/8 - 1/4 (0.191 mi.)***	***AH284***	***1103***
Cleanup Status: COMPLETED - CASE CLOSED				
MIZRA/SETO PROPERTY	***165 LINDEN***	***WSW 1/8 - 1/4 (0.214 mi.)***	***AG322***	***1273***
Cleanup Status: COMPLETED - CASE CLOSED				
SOUTH CITY SCAVENGER	***69 LINDEN***	***NW 1/8 - 1/4 (0.216 mi.)***	***AE324***	***1279***
Cleanup Status: COMPLETED - CASE CLOSED				
AIRBORNE EXPRESS COR	***274 WATTIS WAY***	***NE 1/8 - 1/4 (0.217 mi.)***	***AN333***	***1318***
Cleanup Status: COMPLETED - CASE CLOSED				
FOUR STAR AUTOMOTIVE	***113 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.223 mi.)***	***AM343***	***1335***
Cleanup Status: COMPLETED - CASE CLOSED				
PRESSURE GROUT COMPA	***125 LINDEN***	***WNW 1/8 - 1/4 (0.226 mi.)***	***AO352***	***1366***
Cleanup Status: COMPLETED - CASE CLOSED				
PRESSURE GROUT COMPA	***125 SOUTH LINDEN AVE***	***WNW 1/8 - 1/4 (0.228 mi.)***	***AO362***	***1400***
Cleanup Status: COMPLETED - CASE CLOSED				
1245 MONTGOMERY AVE	***1245 MONTGOMERY AVEN***	***SW 1/8 - 1/4 (0.238 mi.)***	***AR381***	***1470***
Cleanup Status: COMPLETED - CASE CLOSED				
DUPONT	***160 LINDEN***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU399***	***1526***
Cleanup Status: COMPLETED - CASE CLOSED				
PENSKE TRUCK LEASING	***62 LINDEN***	***NW 1/8 - 1/4 (0.246 mi.)***	***AP442***	***1710***
Cleanup Status: COMPLETED - CASE CLOSED				
U-SAVE PLUMBING HARD	***108 LINDEN***	***WNW 1/8 - 1/4 (0.247 mi.)***	***AM453***	***1781***
Cleanup Status: COMPLETED - CASE CLOSED				
OLYMPIAN SSF TERMINA	***35 LINDEN***	***NNW 1/4 - 1/2 (0.271 mi.)***	***AY471***	***1860***
Cleanup Status: COMPLETED - CASE CLOSED				
BUDGET RENT A CAR	***177 AIRPORT***	***NNE 1/4 - 1/2 (0.282 mi.)***	***AZ472***	***1883***
Cleanup Status: COMPLETED - CASE CLOSED				
CALEGARI PROPERTY	***40 LINDEN***	***NNW 1/4 - 1/2 (0.286 mi.)***	***AY475***	***1963***
Cleanup Status: COMPLETED - CASE CLOSED				
BURLINGTON AIR EXPRE	***140 BELLE AIR***	***ESE 1/4 - 1/2 (0.292 mi.)***	***479***	***1984***

Cleanup Status: COMPLETED - CASE CLOSED

BARBER-GREENE CO.	***320 VICTORY AVENUE***	***NW 1/4 - 1/2 (0.307 mi.)***	***486***	***2011***
Cleanup Status: COMPLETED - CASE CLOSED				
EFL TRANSPORTATION	***50 TANFORAN***	***SW 1/4 - 1/2 (0.321 mi.)***	***BA487***	***2015***
Cleanup Status: COMPLETED - CASE CLOSED				
LA MARK TRANSPORTATI	***26 LINDEN***	***NNW 1/4 - 1/2 (0.332 mi.)***	***BC488***	***2020***
Cleanup Status: COMPLETED - CASE CLOSED				
WATER QUALITY CONTRO	***195 BELLE AIR RD***	***ESE 1/4 - 1/2 (0.340 mi.)***	***491***	***2038***
UNION CARBIDE CORP.	***7 SOUTH LINDEN AVENU***	***NNW 1/4 - 1/2 (0.351 mi.)***	***BG497***	***2124***
Cleanup Status: OPEN - VERIFICATION MONITORING				
PACIFIC BELL	***1101 SAN MATEO AVENU***	***SSW 1/4 - 1/2 (0.354 mi.)***	***BD498***	***2135***
Cleanup Status: COMPLETED - CASE CLOSED				
INTERSTATE GRADING	***128 MAPLE***	***NW 1/4 - 1/2 (0.366 mi.)***	***BF506***	***2172***
Cleanup Status: COMPLETED - CASE CLOSED				
SF ENGINE REMANUFACT	***132 MAPLE***	***NW 1/4 - 1/2 (0.368 mi.)***	***BF508***	***2188***
Cleanup Status: COMPLETED - CASE CLOSED				
CTC FOOD INTERNATION	***131 WEST HARRIS AVEN***	***NNE 1/4 - 1/2 (0.373 mi.)***	***BI511***	***2193***
Cleanup Status: COMPLETED - CASE CLOSED				
CARLIN COMPANY	***120 MAPLE***	***NW 1/4 - 1/2 (0.378 mi.)***	***BF514***	***2196***
Cleanup Status: COMPLETED - CASE CLOSED				
MALASPINA PROPERTY (	***30 TANFORAN AVENUE***	***WSW 1/4 - 1/2 (0.381 mi.)***	***BJ517***	***2200***
Cleanup Status: COMPLETED - CASE CLOSED				
R.E.H. PROPERTIES	***114 MAPLE***	***NW 1/4 - 1/2 (0.387 mi.)***	***BH521***	***2210***
Cleanup Status: COMPLETED - CASE CLOSED				
THE PROPERTY	***405 VICTORY***	***WNW 1/4 - 1/2 (0.404 mi.)***	***BL525***	***2228***
Cleanup Status: COMPLETED - CASE CLOSED				
PELLEGRINI BROS WINE	***272 MAPLE***	***W 1/4 - 1/2 (0.408 mi.)***	***BM526***	***2230***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL OIL COMPANY	***135 N ACCESS RD***	***ESE 1/4 - 1/2 (0.426 mi.)***	***BQ535***	***2258***
HOFFMAN BROTHERS	***306 MAPLE***	***W 1/4 - 1/2 (0.442 mi.)***	***BP545***	***2299***
Cleanup Status: COMPLETED - CASE CLOSED				
PENINSULA TOW SERVIC	***1071 MONTGOMERY***	***SSW 1/4 - 1/2 (0.446 mi.)***	***BN547***	***2302***
Cleanup Status: COMPLETED - CASE CLOSED				
KB SOUTH SAN FRANCIS	***175 SYLVESTER***	***NNE 1/4 - 1/2 (0.456 mi.)***	***BV554***	***2385***
Cleanup Status: COMPLETED - CASE CLOSED				
WALL STREET PROPERTI	***419 CANAL***	***NW 1/4 - 1/2 (0.457 mi.)***	***BW557***	***2393***
Cleanup Status: COMPLETED - CASE CLOSED				
VINCE'S SHELLFISH CO	***1063 MONTGOMERY AVE***	***SSW 1/4 - 1/2 (0.465 mi.)***	***BS561***	***2400***
Cleanup Status: COMPLETED - CASE CLOSED				
VALLEY SHEET METAL	***161 STARLITE***	***NW 1/4 - 1/2 (0.481 mi.)***	***BX565***	***2415***
Cleanup Status: COMPLETED - CASE CLOSED				
ALLAN BAKER COMPANY	***160 SYLVESTER***	***NNE 1/4 - 1/2 (0.482 mi.)***	***BV567***	***2422***
Cleanup Status: COMPLETED - CASE CLOSED				
PONY EXPRESS	***108 SYLVESTER***	***NNE 1/4 - 1/2 (0.483 mi.)***	***BV568***	***2427***
Cleanup Status: COMPLETED - CASE CLOSED				
EL CAMINO LINES	***428 CANAL***	***NW 1/4 - 1/2 (0.485 mi.)***	***BW572***	***2448***
Cleanup Status: COMPLETED - CASE CLOSED				
AIRPORT BLVD SERVICE	***190 AIRPORT***	***N 1/4 - 1/2 (0.487 mi.)***	***BY574***	***2455***

Cleanup Status: COMPLETED - CASE CLOSED

AGUNDIS TIRE SHOP	***110 LINDEN***	***N 1/4 - 1/2 (0.490 mi.)***	***578***	***2473***
Cleanup Status: COMPLETED - CASE CLOSED				
COULTERS CARPETS	***150 STARLITE***	***NW 1/4 - 1/2 (0.490 mi.)***	***BX579***	***2477***
Cleanup Status: COMPLETED - CASE CLOSED				
H.S. CROCKER CO.	***1000 SAN MATEO***	***SSW 1/4 - 1/2 (0.492 mi.)***	***BZ581***	***2484***
Cleanup Status: COMPLETED - CASE CLOSED				
J.R. FLYNN CO.	***138 STARLITE***	***NW 1/4 - 1/2 (0.493 mi.)***	***BX582***	***2485***
Cleanup Status: COMPLETED - CASE CLOSED				
TRUX AIRLINE CARGO S	***195 ACCESS***	***ESE 1/4 - 1/2 (0.498 mi.)***	***CA584***	***2498***
Cleanup Status: COMPLETED - CASE CLOSED				
ESCHELBACH PROPERTIE	***100 BADEN***	***N 1/4 - 1/2 (0.499 mi.)***	***BY585***	***2502***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON 9-7875	***300 SOUTH AIRPORT BO***	***NE 0 - 1/8 (0.065 mi.)***	***K106***	***310***
Cleanup Status: COMPLETED - CASE CLOSED				
KEN FUNK PROPERTY	***264 AIRPORT***	***NNE 0 - 1/8 (0.105 mi.)***	***N137***	***405***
Cleanup Status: COMPLETED - CASE CLOSED				
GROSVENOR AIRPORT AS	***380 SO AIRPORT BLVD***	***E 1/8 - 1/4 (0.130 mi.)***	***V182***	***541***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL SERVICE STATIO	***248 SOUTH AIRPORT BO***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N196***	***647***
Cleanup Status: COMPLETED - CASE CLOSED				
TORRES TEXACO	***1299 SAN MATEO AVE***	***SW 1/8 - 1/4 (0.159 mi.)***	***Y226***	***841***
Cleanup Status: COMPLETED - CASE CLOSED				
RPM RENT-A-CAR	***410 AIRPORT***	***ESE 1/8 - 1/4 (0.161 mi.)***	***AA237***	***873***
Cleanup Status: COMPLETED - CASE CLOSED				
GENERAL RENT-A-CAR	***124 BEACON***	***SE 1/8 - 1/4 (0.163 mi.)***	***W238***	***877***
Cleanup Status: COMPLETED - CASE CLOSED				
THOMPSON AIRCRAFT TI	***160 BEACON ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***AD254***	***913***
Cleanup Status: COMPLETED - CASE CLOSED				
GREYHOUND EXPOSITION	***100 UTAH AVE***	***ENE 1/8 - 1/4 (0.182 mi.)***	***AF272***	***1068***
Cleanup Status: COMPLETED - CASE CLOSED				
WILL-STA, INC.	***1276 MONTGOMERY***	***SW 1/8 - 1/4 (0.192 mi.)***	***Y287***	***1118***
Cleanup Status: COMPLETED - CASE CLOSED				
BOB LEECH'S AUTO REN	***435 AIRPORT***	***ESE 1/8 - 1/4 (0.205 mi.)***	***AA303***	***1160***
Cleanup Status: COMPLETED - CASE CLOSED				
HARMON SHRAGGE CO	***280 WATTIS***	***NE 1/8 - 1/4 (0.220 mi.)***	***AN335***	***1325***
Cleanup Status: COMPLETED - CASE CLOSED				
TRICOR CALIFORNIA, I	***182 BEACON ST***	***SE 1/8 - 1/4 (0.231 mi.)***	***AK373***	***1442***
Cleanup Status: COMPLETED - CASE CLOSED				
U FREIGHT AMERICA IN	***320 COREY***	***E 1/4 - 1/2 (0.253 mi.)***	***AX467***	***1849***
Cleanup Status: COMPLETED - CASE CLOSED				
SAN BRUNO GLASS CENT	***1160 SAN MATEO AVE***	***SSW 1/4 - 1/2 (0.269 mi.)***	***469***	***1855***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL	***515 SOUTH AIRPORT BO***	***SE 1/4 - 1/2 (0.306 mi.)***	***BB483***	***1995***

Cleanup Status: COMPLETED - CASE CLOSED

EMERY AIR FREIGHT	***501 AIRPORT***	***SE 1/4 - 1/2 (0.306 mi.)***	***BB485***	***2007***
Cleanup Status: COMPLETED - CASE CLOSED				
AUTO SERVICE PROPERT	***1080 SAN MATEO***	***SSW 1/4 - 1/2 (0.335 mi.)***	***BD490***	***2036***
Cleanup Status: COMPLETED - CASE CLOSED				
BAY BRIDGE HARDWARE	***151 MITCHELL AVENUE***	***NE 1/4 - 1/2 (0.341 mi.)***	***BE493***	***2044***
Cleanup Status: COMPLETED - CASE CLOSED				
CYCLE SHACK,INC	***1104 SAN MATEO***	***SSW 1/4 - 1/2 (0.344 mi.)***	***BD494***	***2047***
Cleanup Status: COMPLETED - CASE CLOSED				
FEDERAL SUPPLY WAREH	***1070 SAN MATEO***	***SSW 1/4 - 1/2 (0.355 mi.)***	***BD499***	***2148***
Cleanup Status: COMPLETED - CASE CLOSED				
LUCCA PACKING CORPOR	***360 HARBOR***	***E 1/4 - 1/2 (0.401 mi.)***	***BK522***	***2223***
Cleanup Status: COMPLETED - CASE CLOSED				
TROYER AUTOMATIC DOO	***162 WEST HARRIS AVEN***	***NE 1/4 - 1/2 (0.416 mi.)***	***BO530***	***2244***
Cleanup Status: COMPLETED - CASE CLOSED				
SEWAGE PUMP STATION	***249 HARBOR***	***NE 1/4 - 1/2 (0.437 mi.)***	***BT541***	***2292***
Cleanup Status: COMPLETED - CASE CLOSED				
AVIS CAR RENTAL	***230 HARBOR WAY***	***NE 1/4 - 1/2 (0.447 mi.)***	***BO549***	***2308***
Cleanup Status: COMPLETED - CASE CLOSED				
OLYMPIAN GATEWAY	***176 GATEWAY***	***NNE 1/4 - 1/2 (0.484 mi.)***	***570***	***2430***
Cleanup Status: COMPLETED - CASE CLOSED				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 78 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAMTRANS VACANT	***196 PRODUCE***	***N 0 - 1/8 (0.025 mi.)***	***B45***	***82***
Reg Id: 41-0460				
PEKING HANDICRAFT	***1388 SAN MATEO***	***NW 0 - 1/8 (0.039 mi.)***	***F53***	***121***
Reg Id: 41-0908				
LUBRIVAN TRUCK SERVI	***1320 SAN MATEO***	***WSW 0 - 1/8 (0.040 mi.)***	***G54***	***124***
Reg Id: 41-0327				
FOUR STAR AUTOMOTIVE	***1405 SAN MATEO***	***NW 0 - 1/8 (0.064 mi.)***	***F89***	***251***
Reg Id: 41-0848				
LOWRIE PAVING	***1321 LOWRIE AVENUE***	***W 0 - 1/8 (0.123 mi.)***	***U165***	***456***
Reg Id: 41-0252				
DIADOTI CONSTRUCTION	***1461 SAN MATEO***	***NNW 1/8 - 1/4 (0.141 mi.)***	***Q204***	***692***
Reg Id: 41-0891				
SUPER CROWN CATERING	***1381 LOWRIE***	***NNW 1/8 - 1/4 (0.146 mi.)***	***X208***	***713***
Reg Id: 41-0551				
SHELL OIL CO	***140 PRODUCE***	***N 1/8 - 1/4 (0.150 mi.)***	***T212***	***747***
Reg Id: 41-0489				
COLOR CRAFT	***255 AIRPORT***	***NE 1/8 - 1/4 (0.171 mi.)***	***AB244***	***886***

Reg Id: 41-0432				
GELCO TRUCKING LEASI	***1395 LOWRIE AVENUE***	***NNW 1/8 - 1/4 (0.191 mi.)***	***AH284***	***1103***
Reg Id: 41-0243				
MIZRA/SETO PROPERTY	***165 LINDEN***	***WSW 1/8 - 1/4 (0.214 mi.)***	***AG322***	***1273***
Reg Id: 41-0333				
SOUTH CITY SCAVENGER	***69 LINDEN***	***NW 1/8 - 1/4 (0.216 mi.)***	***AE324***	***1279***
Reg Id: 41-0762				
AIRBORNE EXPRESS COR	***274 WATTIS WAY***	***NE 1/8 - 1/4 (0.217 mi.)***	***AN333***	***1318***
Reg Id: 41-0369				
FOUR STAR AUTOMOTIVE	***113 S LINDEN AVE***	***WNW 1/8 - 1/4 (0.223 mi.)***	***AM343***	***1335***
Reg Id: 41-0237				
PRESSURE GROUT COMPA	***125 LINDEN***	***WNW 1/8 - 1/4 (0.226 mi.)***	***AO352***	***1366***
Reg Id: 41-0426				
PRESSURE GROUT COMPA	***125 SOUTH LINDEN AVE***	***WNW 1/8 - 1/4 (0.228 mi.)***	***AO362***	***1400***
Reg Id: 41-0427				
DUPONT	***160 LINDEN***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU399***	***1526***
Reg Id: 41-0692				
PENSKE TRUCK LEASING	***62 LINDEN***	***NW 1/8 - 1/4 (0.246 mi.)***	***AP442***	***1710***
Reg Id: 41-0250				
OLYMPIAN SSF TERMINA	***35 LINDEN***	***NNW 1/4 - 1/2 (0.271 mi.)***	***AY471***	***1860***
Reg Id: 41-0004				
BUDGET RENT A CAR	***177 AIRPORT***	***NNE 1/4 - 1/2 (0.282 mi.)***	***AZ472***	***1883***
Reg Id: 41-0092				
BUDGET RENT A CAR	***177 S AIRPORT BLVD***	***NNE 1/4 - 1/2 (0.282 mi.)***	***AZ473***	***1886***
Reg Id: 340934				
CALEGARI PROPERTY	***40 LINDEN***	***NNW 1/4 - 1/2 (0.286 mi.)***	***AY475***	***1963***
Reg Id: 41-0990				
BURLINGTON AIR EXPRE	***140 BELLE AIR***	***ESE 1/4 - 1/2 (0.292 mi.)***	***479***	***1984***
Reg Id: 41-0098				
Reg Id: 41-0116				
EFL TRANSPORTATION	***50 TANFORAN***	***SW 1/4 - 1/2 (0.321 mi.)***	***BA487***	***2015***
Reg Id: 41-0806				
LA MARK TRANSPORTATI	***26 LINDEN***	***NNW 1/4 - 1/2 (0.332 mi.)***	***BC488***	***2020***
Reg Id: 41-0315				
PACIFIC BELL	***1101 SAN MATEO AVENU***	***SSW 1/4 - 1/2 (0.354 mi.)***	***BD498***	***2135***
Reg Id: 41-0679				
INTERSTATE GRADING	***128 MAPLE***	***NW 1/4 - 1/2 (0.366 mi.)***	***BF506***	***2172***
Reg Id: 41-0782				
SF ENGINE REMANUFACT	***132 MAPLE***	***NW 1/4 - 1/2 (0.368 mi.)***	***BF508***	***2188***
Reg Id: 41-0832				
CTC FOOD INTERNATION	***131 HARRIS***	***NNE 1/4 - 1/2 (0.373 mi.)***	***BI512***	***2195***
Reg Id: 41-1113				
CARLIN COMPANY	***120 MAPLE***	***NW 1/4 - 1/2 (0.378 mi.)***	***BF514***	***2196***
Reg Id: 41-0111				
R.E.H. PROPERTIES	***114 MAPLE***	***NW 1/4 - 1/2 (0.387 mi.)***	***BH521***	***2210***
Reg Id: 41-0680				
THE PROPERTY	***405 VICTORY***	***WNW 1/4 - 1/2 (0.404 mi.)***	***BL525***	***2228***

Reg Id: 41-0541				
PELLEGRINI BROS WINE Reg Id: 41-0964	***272 MAPLE***	***W 1/4 - 1/2 (0.408 mi.)***	***BM526***	***2230***
SHELL Reg Id: 41-1121 Reg Id: 2 417085N02	***135 ACCESS RD N***	***ESE 1/4 - 1/2 (0.426 mi.)***	***BQ538***	***2274***
UNION CARBIDE CORP Reg Id: 41-0584	7 LINDEN	NNW 1/4 - 1/2 (0.442 mi.)	BU544	2298
HOFFMAN BROTHERS Reg Id: 41-0274	***306 MAPLE***	***W 1/4 - 1/2 (0.442 mi.)***	***BP545***	***2299***
PENINSULA TOW SERVIC Reg Id: 41-0410	1071 MONTGOMERY	SSW 1/4 - 1/2 (0.446 mi.)	BN546	2302
FACILITY 10745 TANK Reg Id: 2754	***50 LINDEN***	***NNW 1/4 - 1/2 (0.456 mi.)***	***BU555***	***2390***
WALL STREET PROPERTI Reg Id: 41-0642	***419 CANAL***	***NW 1/4 - 1/2 (0.457 mi.)***	***BW557***	***2393***
UNKNOWN Reg Id: 41-0802	58 LINDEN	NNW 1/4 - 1/2 (0.459 mi.)	BU558	2397
VINCE'S SHELLFISH Reg Id: 41-1079	***1063 MONTGOMERY***	***SSW 1/4 - 1/2 (0.465 mi.)***	***BS563***	***2412***
BOOTH, MARTIN F Reg Id: 41-0630	***161 STARLIGHT***	***NW 1/4 - 1/2 (0.480 mi.)***	***BX564***	***2415***
ALLAN BAKER COMPANY Reg Id: 41-0012	***160 SYLVESTER***	***NNE 1/4 - 1/2 (0.482 mi.)***	***BV567***	***2422***
PONY EXPRESS Reg Id: 41-0423	***108 SYLVESTER***	***NNE 1/4 - 1/2 (0.483 mi.)***	***BV568***	***2427***
EL CAMINO LINES Reg Id: 41-0735	***428 CANAL***	***NW 1/4 - 1/2 (0.485 mi.)***	***BW572***	***2448***
AIRPORT BLVD SERVICE Reg Id: 41-0845	***190 AIRPORT***	***N 1/4 - 1/2 (0.487 mi.)***	***BY574***	***2455***
AGUNDIS TIRE SHOP Reg Id: 41-0913	***110 LINDEN***	***N 1/4 - 1/2 (0.490 mi.)***	***578***	***2473***
COULTERS CARPETS Reg Id: 41-0182	***150 STARLITE***	***NW 1/4 - 1/2 (0.490 mi.)***	***BX579***	***2477***
H.S. CROCKER CO. Reg Id: 41-0260	***1000 SAN MATEO***	***SSW 1/4 - 1/2 (0.492 mi.)***	***BZ580***	***2481***
J.R. FLYNN CO. Reg Id: 41-0297	***138 STARLITE***	***NW 1/4 - 1/2 (0.493 mi.)***	***BX582***	***2485***
TRUX AIRLINE CARGO S Reg Id: 41-0577	***195 ACCESS***	***ESE 1/4 - 1/2 (0.498 mi.)***	***CA584***	***2498***
ESCHELBACH PROPERTIE Reg Id: 41-0209	***100 BADEN***	***N 1/4 - 1/2 (0.499 mi.)***	***BY585***	***2502***

Lower Elevation	Address	Direction / Distance	Map ID	Page
STURDY OIL Reg Id: 2699	***251 SHAW***	***SSE 0 - 1/8 (0.021 mi.)***	***C41***	***67***
CHEVRON 9-7875	***300 SOUTH AIRPORT BO***	***NE 0 - 1/8 (0.065 mi.)***	***K106***	***310***

Reg Id: 41-0939				
KEN FUNK PROPERTY Reg Id: 41-0197	***264 AIRPORT***	***NNE 0 - 1/8 (0.105 mi.)***	***N137***	***405***
GROSVENOR AIRPORT AS Reg Id: 41-1103	***380 SO AIRPORT BLVD***	***E 1/8 - 1/4 (0.130 mi.)***	***V182***	***541***
SOUTH SAN FRANCISCO Reg Id: 41-0169	UNKNOWN SHAW RD & SA	SW 1/8 - 1/4 (0.133 mi.)	M185	545
INTERNATIONAL PAINT Reg Id: 41-0875	***220 S LINDEN AVE***	***SW 1/8 - 1/4 (0.145 mi.)***	***O207***	***700***
RPM RENT-A-CAR Reg Id: 41-0455	***410 AIRPORT***	***ESE 1/8 - 1/4 (0.161 mi.)***	***AA237***	***873***
GENERAL RENT-A-CAR Reg Id: 41-0422	***124 BEACON***	***SE 1/8 - 1/4 (0.163 mi.)***	***W238***	***877***
THOMPSON AIRCRAFT TI Reg Id: 41-0567	***160 BEACON ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***AD254***	***913***
GREYHOUND EXPOSITION Reg Id: 41-0256	***100 UTAH AVE***	***ENE 1/8 - 1/4 (0.182 mi.)***	***AF272***	***1068***
WILL-STA, INC. Reg Id: 41-0650	***1276 MONTGOMERY***	***SW 1/8 - 1/4 (0.192 mi.)***	***Y287***	***1118***
BOB LEECH'S AUTO REN Reg Id: 41-0797	***435 AIRPORT***	***ESE 1/8 - 1/4 (0.205 mi.)***	***AA303***	***1160***
PACIFIC PLASTIC PROD Reg Id: 41300009	***405 SOUTH AIRPORT BO***	***E 1/8 - 1/4 (0.209 mi.)***	***AL314***	***1255***
HARMON SHRAGGE CO Reg Id: 41-0264	***280 WATTIS***	***NE 1/8 - 1/4 (0.220 mi.)***	***AN335***	***1325***
TRICOR CALIFORNIA, I Reg Id: 41-0886	***182 BEACON ST***	***SE 1/8 - 1/4 (0.231 mi.)***	***AK373***	***1442***
U FREIGHT AMERICA IN Reg Id: 41-0580	***320 COREY***	***E 1/4 - 1/2 (0.253 mi.)***	***AX467***	***1849***
SAN BRUNO GLASS CENT Reg Id: 41-0464	***1160 SAN MATEO AVE***	***SSW 1/4 - 1/2 (0.269 mi.)***	***469***	***1855***
SHELL Reg Id: 41-0510	***515 SOUTH AIRPORT BO***	***SE 1/4 - 1/2 (0.306 mi.)***	***BB483***	***1995***
EMERY AIR FREIGHT Reg Id: 41-0205	***501 AIRPORT***	***SE 1/4 - 1/2 (0.306 mi.)***	***BB485***	***2007***
AUTO SERVICE PROPERT Reg Id: 41-1146	***1080 SAN MATEO***	***SSW 1/4 - 1/2 (0.335 mi.)***	***BD490***	***2036***
BAY BRIDGE HARDWARE Reg Id: 41-0684	***151 MITCHELL AVENUE***	***NE 1/4 - 1/2 (0.341 mi.)***	***BE493***	***2044***
CYCLE SHACK,INC Reg Id: 41-0768	***1104 SAN MATEO***	***SSW 1/4 - 1/2 (0.344 mi.)***	***BD494***	***2047***
FEDERAL SUPPLY WAREH Reg Id: 41-0225	***1070 SAN MATEO***	***SSW 1/4 - 1/2 (0.355 mi.)***	***BD499***	***2148***
LUCCA PACKING CORPOR Reg Id: 41-0328	***360 HARBOR***	***E 1/4 - 1/2 (0.401 mi.)***	***BK522***	***2223***
SEWAGE PUMP STATION	***249 HARBOR***	***NE 1/4 - 1/2 (0.437 mi.)***	***BT541***	***2292***

Reg Id: 41-0824

AVIS CAR RENTAL	***230 HARBOR WAY***	***NE 1/4 - 1/2 (0.447 mi.)***	***BO549***	***2308***
Reg Id: 41-0951				

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 11/15/2021 has revealed that there are 5 HWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST COAST AUTOMOTIV	***160 S LINDEN AVE***	***WSW 1/8 - 1/4 (0.240 mi.)***	***AU400***	***1544***
EPA ID: CAD009206855				
Cleanup Status: CLOSED				
MERRY X RAY CHEMICAL	***131 S MAPLE AVE UNIT***	***NW 1/4 - 1/2 (0.345 mi.)***	***BF495***	***2052***
EPA ID: CAL000051065				
Cleanup Status: CLOSED				
DENNIS X RAY CO	***301 ALLERTON AVE***	***NE 1/2 - 1 (0.902 mi.)***	***597***	***2554***
EPA ID: CAL000073292				
Cleanup Status: CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL PAINT	***220 S LINDEN AVE***	***SW 1/8 - 1/4 (0.145 mi.)***	***O207***	***700***
EPA ID: CAD009114240				
Cleanup Status: PROTECTIVE FILER				
EXIDE CORP	***286 LAWRENCE AVE***	***ENE 1/2 - 1 (0.666 mi.)***	***CC591***	***2523***
EPA ID: CAD046000931				
Cleanup Status: CLOSED				

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 12/13/2021 has revealed that there are 7 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRANITE ROCK COMPANY	***1321 LOWRIE AVENUE***	***W 0 - 1/8 (0.123 mi.)***	***U169***	***488***
GELCO TRUCK LEASING	1395 LOWRIE AVENUE	NNW 1/8 - 1/4 (0.191 mi.)	AH285	1107
VACENT LOT	108 SYLVESTER ROAD	NNE 1/4 - 1/2 (0.483 mi.)	BV569	2430
FLAT RATE RENT A CAR	***830 HUNTINGTON AVENU***	***SSW 1/2 - 1 (0.746 mi.)***	***595***	***2541***
SWIFT INDEPENDENT	429 CABOT ROAD	NE 1/2 - 1 (0.919 mi.)	598	2556
EXXON CO U.S.A. 7-20	***800 EL CAMINO REAL***	***SSW 1/2 - 1 (0.972 mi.)***	***599***	***2556***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AUTOHAUS	***675 EAST SAN BRUNO A***	***S 1/2 - 1 (0.703 mi.)***	***594***	***2537***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BARRETT LARRY INC	196 PRODUCE	N 0 - 1/8 (0.025 mi.)	B47	85
TAYLOR MADE AUTOMOTI	1357 SAN MATEO AVE	W 0 - 1/8 (0.066 mi.)	E113	346

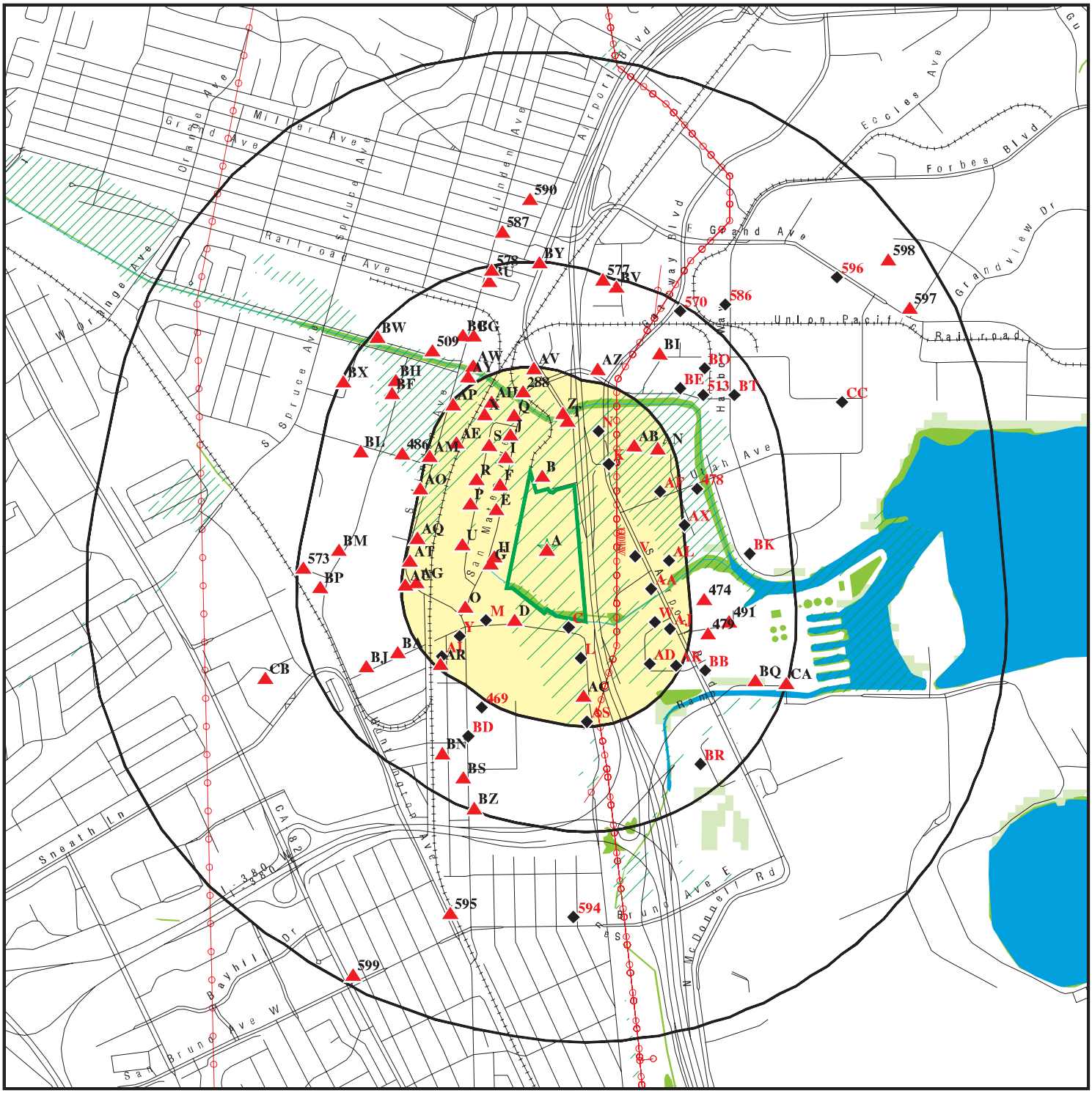
Lower Elevation	Address	Direction / Distance	Map ID	Page
GREINER SERVICE STAT	300 S AIRPORT BLVD	NE 0 - 1/8 (0.065 mi.)	K105	310
KENS PHILLIPS 66 SER	264 SO AIRPORT BLVD	NNE 0 - 1/8 (0.105 mi.)	N136	404

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

Site Name	Database(s)
SFIA SOUTH TERMINAL	CERS HAZ WASTE
US COAST GUARD AIR STATION SAN FRA	CERS HAZ WASTE, CERS TANKS, CERS
FAA	LUST, HIST CORTESE
NATIONAL CAR RENTAL SYSTEM INC	LUST, Cortese
AUTOMOTION	LUST, San Mateo Co. BI
UNION PACIFIC PROPERTY	ENVIROSTOR, VCP
BLUEPRINT STUDIOS TRENDS, INC.	CPS-SLIC
SAN FRANCISCO INTERNATIONAL AIRPOR	CPS-SLIC
SOUTH SAN FRANCISCO RECYCLING CENT	ENVIROSTOR

OVERVIEW MAP - 6884057.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	101-131 Terminal Court	CLIENT:	Haley & Aldrich, Inc.
ADDRESS:	101 Terminal Court South San Francisco CA 94080	CONTACT:	Marie Rose Javier
LAT/LONG:	37.643866 / 122.408067	INQUIRY #:	6884057.2s
		DATE:	March 04, 2022 9:58 am

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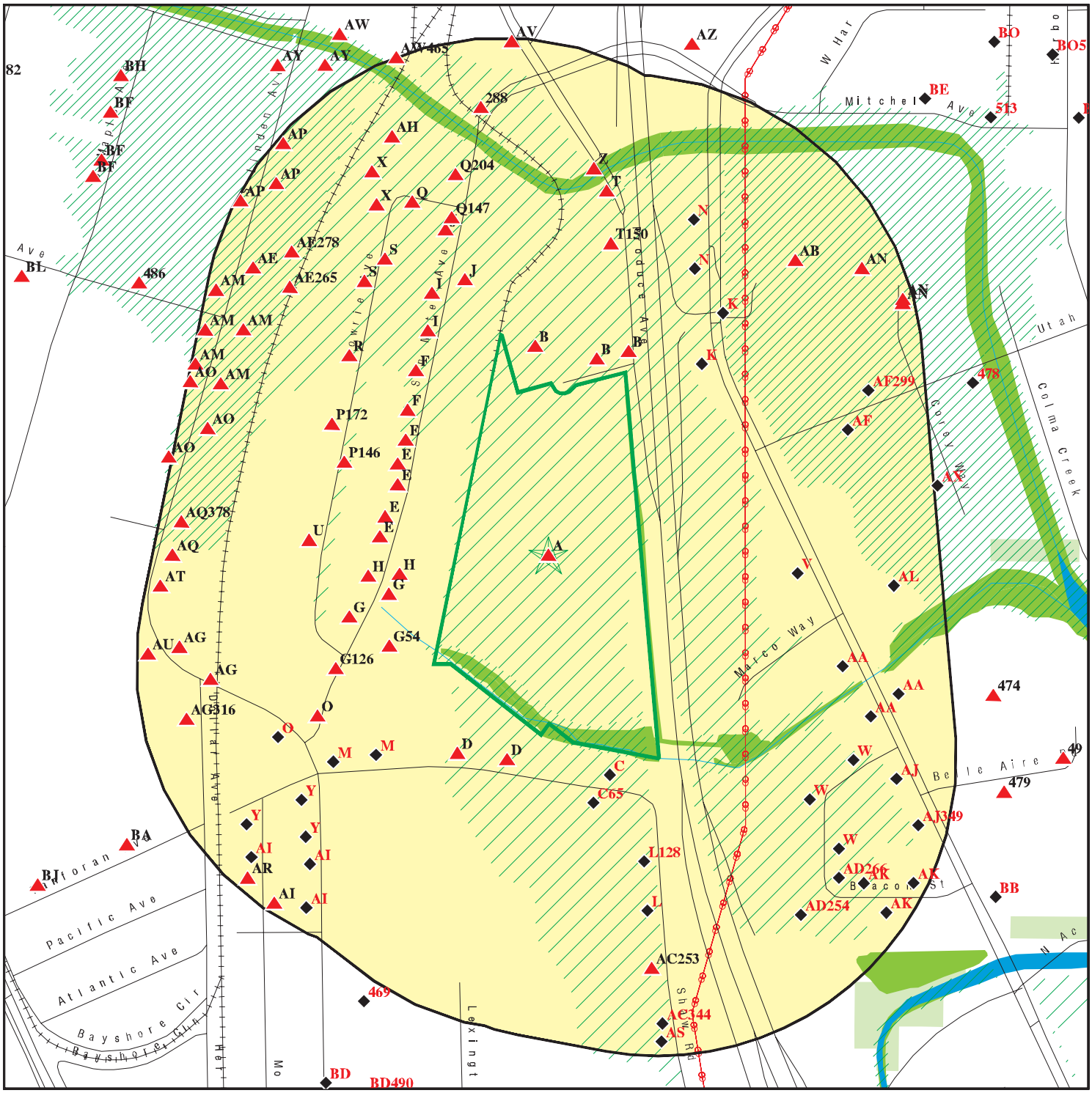
DETAIL MAP - 6884057.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 101-131 Terminal Court ADDRESS: 101 Terminal Court South San Francisco CA 94080 LAT/LONG: 37.643866 / 122.408067	CLIENT: Haley & Aldrich, Inc. CONTACT: Marie Rose Javier INQUIRY #: 6884057.2s DATE: March 04, 2022 10:00 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	1	NR	NR	2
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		1	4	3	NR	NR	8
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	2	0	1	NR	3
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		3	2	NR	NR	NR	5
RCRA-SQG	0.250		14	21	NR	NR	NR	35
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	1	2	1	NR	4
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		1	8	9	7	NR	25
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	1	3	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500	1	19	47	77	NR	NR	144
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		4	5	17	NR	NR	26
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	4	NR	NR	NR	5
AST	0.250		3	5	NR	NR	NR	8
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	2	2	NR	NR	4
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	1	0	NR	NR	1
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	TP	7	NR	NR	NR	NR	NR	7
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	1	2	1	NR	4
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		12	29	NR	NR	NR	41
US CDL	TP		NR	NR	NR	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	2	NR	NR	2
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250	2	5	15	NR	NR	NR	22
HIST UST	0.250	2	11	33	NR	NR	NR	46
CERS TANKS	0.250		4	5	NR	NR	NR	9

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA FID UST	0.250	2	3	15	NR	NR	NR	20
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	2	2	NR	NR	4
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	23	75	NR	NR	NR	99
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	6	NR	NR	NR	NR	NR	6
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	0	NR	1
San Mateo Co. BI	0.250	7	56	92	NR	NR	NR	155
Cortese	0.500	1	9	27	48	NR	NR	85
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	3	NR	NR	NR	NR	NR	3
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		8	25	45	NR	NR	78
HWP	1.000		0	2	1	2	NR	5
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		1	1	1	4	NR	7
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP	2	NR	NR	NR	NR	NR	2
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
HWTS	TP	5	NR	NR	NR	NR	NR	5
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LUST	TP	2	NR	NR	NR	NR	NR	2
- Totals --		42	182	427	217	17	0	885

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **PP PALLETS** **FINDS** **1024367670**
Target **131 TERMINAL CT** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 1 of 35 in cluster A

Actual: **21 ft.**

FINDS:
Registry ID: 110070269286

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2 **CARCIONE FRESH PROD CO INC** **San Mateo Co. BI** **S123182318**
Target **131 TERMINAL** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 2 of 35 in cluster A

Actual: **21 ft.**

San Mateo Co. BI:

Name:	CARCIONE FRESH PROD CO INC
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0037682
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0054572
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

A3 **PARK 'N FLY OF SAN FRANCISCO** **FINDS** **1024655330**
Target **101 TERMINAL CT** **ECHO** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 3 of 35 in cluster A

Actual: **21 ft.**

FINDS:
Registry ID: 110070443718

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1024655330
Registry ID:	110070443718
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070443718

PARK 'N FLY OF SAN FRANCISCO (Continued) **1024655330**

Name: PARK 'N FLY OF SAN FRANCISCO
Address: 101 TERMINAL CT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

A4 **PARK & FLY** **HAZNET S113043964**
Target **101 TERMINAL CT** **HWTS N/A**
Property **SAN FRANCISCO, CA 00000**

Site 4 of 35 in cluster A

Actual:
21 ft.

HAZNET:
Name: PARK & FLY
Address: 101 TERMINAL CT
Address 2: Not reported
City,State,Zip: SAN FRANCISCO, CA 000000000
Contact: UNDELIVERABLE PER 95 FEES FORM
Telephone: --
Mailing Name: Not reported
Mailing Address: 101 TERMINAL CT

Year: 2000
Gepaid: CAL000057079
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.147

Year: 1997
Gepaid: CAL000057079
TSD EPA ID: CAT080013352
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: R01 - Recycler
Tons: 0.2293

Additional Info:
Year: 2000
Gen EPA ID: CAL000057079

Shipment Date: 20000127
Creation Date: 3/22/2000 0:00:00
Receipt Date: 20000131
Manifest ID: 99627323
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.147
Waste Quantity: 35

PARK & FLY (Continued) **S113043964**

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1997
Gen EPA ID: CAL000057079

Shipment Date: 19971105
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971105
Manifest ID: 96807162
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: PARK & FLY
Address: 101 TERMINAL CT
Address 2: Not reported
City,State,Zip: SAN FRANCISCO, CA 000000000
EPA ID: CAL000057079
Inactive Date: 06/30/2001
Create Date: 09/01/1994
Last Act Date: 04/19/2002
Mailing Name: Not reported
Mailing Address: 101 TERMINAL CT
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN FRANCISCO, CA 000000000
Owner Name: --
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: UNDELIVERABLE PER 95 FEES FORM
Contact Address: NW
Contact Address 2: Not reported
City,State,Zip: --, 99 --

A5 **PRODUCE MARKET KEYLOCK** **CA FID UST** **S101623126**
Target **131 TERMINAL CT** **N/A**
Property **SO. SAN FRANCISCO, CA 94080**

Site 5 of 35 in cluster A

Actual: **21 ft.**

CA FID UST:

Facility ID:	41004915
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	260 MICHELE CT.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SO. SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

A6 **CARCIONE FRESH PRODUCE CO INC** **San Mateo Co. BI** **S123182317**
Target **131 TERMINAL** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 6 of 35 in cluster A

Actual: **21 ft.**

San Mateo Co. BI:

Name:	CARCIONE FRESH PRODUCE CO INC
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0037681
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0054570
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

A7 **PARK N FLY INC** **San Mateo Co. BI** **S117397663**
Target **101 TERMINAL** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 7 of 35 in cluster A

Actual: **21 ft.**

San Mateo Co. BI:

Name:	PARK N FLY INC
Address:	101 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017684
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0023724
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT

PARK N FLY INC (Continued) **S117397663**

Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	PARK N FLY INC
Address:	101 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017684
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022584
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM
Name:	PARK N FLY INC
Address:	101 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017684
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004572
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

A8 **J GOMEZ PRODUCE** **HAULERS** **S127801099**
Target **131 TERMINAL COURT** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 8 of 35 in cluster A

Actual: **21 ft.**

HAULERS:

Name:	J GOMEZ PRODUCE
Address:	131 TERMINAL COURT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	1864828
Facility Phone:	(415) 850-0994
Business Email Address:	martha99.mg@gmail.com
Contact Person:	Jaime Gomez
Mailing Address:	131 Terminal Court
Mailing City:	South San Francisco
Mailing State:	CA
Mailing Zip:	94080
Mailing County:	San Mateo
Mailing Phone:	(650) 583-3727
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	Not reported
Business Types:	Not reported

A9 **PARK N FLY OF SAN FRANCISCO** **HIST UST** **U001594806**
Target **101 TERMINAL CT** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 9 of 35 in cluster A

Actual: **21 ft.**

HIST UST:

Name:	PARK N FLY OF SAN FRANCISCO
Address:	101 TERMINAL CT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C156
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C156.pdf
Region:	STATE
Facility ID:	00000066059
Facility Type:	Other
Other Type:	PARKING LOT
Contact Name:	JOAN HARTMAN, MGR.
Telephone:	4158770304
Owner Name:	PARK 'N FLY OF SAN FRANCISCO,
Owner Address:	101 TERMINAL CT.
Owner City,St,Zip:	SOUTH SAN FRANCISCO, CA 94080
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	2
Container Construction Thickness:	X
Leak Detection:	Visual

Click here for Geo Tracker PDF:

A10 **BROTHER'S PRODUCE** **HAULERS** **S127798002**
Target **125 TERMINAL CT STE 63** **N/A**
Property **SOUTH SAN FRANCISCO, CA**

Site 10 of 35 in cluster A

Actual: **21 ft.**

HAULERS:

Name:	BROTHER'S PRODUCE
Address:	125 TERMINAL CT STE 63
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Facility ID:	1799896
Facility Phone:	(650) 742-9496
Business Email Address:	Not reported
Contact Person:	Fernando
Mailing Address:	125 Terminal Ct Ste 63
Mailing City:	South San Francisco
Mailing State:	CA
Mailing Zip:	94080
Mailing County:	San Mateo
Mailing Phone:	Not reported
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	Not reported
Business Types:	Not reported

A11 **PETRA PRODUCE** **HAULERS** **S127790472**
Target **131 TERMINAL CT SPC 46** **N/A**
Property **SOUTH SAN FRANCISCO, CA**

Site 11 of 35 in cluster A

Actual: **21 ft.**

HAULERS:

Name:	PETRA PRODUCE
Address:	131 TERMINAL CT SPC 46
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Facility ID:	1573376
Facility Phone:	(650) 588-3500
Business Email Address:	Not reported
Contact Person:	Saleem Ghishan
Mailing Address:	131 Terminal Ct Spc 46
Mailing City:	South San Francisco
Mailing State:	CA
Mailing Zip:	94080
Mailing County:	San Mateo
Mailing Phone:	Not reported
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	Not reported
Business Types:	Not reported

A12 **PARK 'N FLY OF SAN FRANCISCO** **HAZNET** **S113025310**
Target **101 TERMINAL CT** **HWTS** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 12 of 35 in cluster A

Actual: **21 ft.**

HAZNET:

Name:	PARK 'N FLY OF SAN FRANCISCO
Address:	101 TERMINAL CT
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806508
Contact:	Marcia Simning
Telephone:	6508778438
Mailing Name:	Not reported
Mailing Address:	2060 MOUNT PARAN RD NW STE 207
Year:	2010
Gepaid:	CAL000010754
TSD EPA ID:	TXD077603371
CA Waste Code:	342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075
Year:	2010
Gepaid:	CAL000010754
TSD EPA ID:	TXD077603371
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.225
Year:	2009
Gepaid:	CAL000010754

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

TSD EPA ID:	NVT330010000
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.05
Year:	2009
Gepaid:	CAL000010754
TSD EPA ID:	TXD077603371
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.35
Year:	2009
Gepaid:	CAL000010754
TSD EPA ID:	TXD077603371
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05
Year:	2009
Gepaid:	CAL000010754
TSD EPA ID:	TXD077603371
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.0455
Year:	2008
Gepaid:	CAL000010754
TSD EPA ID:	TXD077603371
CA Waste Code:	342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075
Year:	2008
Gepaid:	CAL000010754
TSD EPA ID:	TXD077603371
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.2
Year:	2008
Gepaid:	CAL000010754
TSD EPA ID:	CAD093459485
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0957
Year:	2008
Gepaid:	CAL000010754
TSD EPA ID:	CAD093459485
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	-

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

Tons: 0.1485

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2009
Gen EPA ID:	CAL000010754
Shipment Date:	20091105
Creation Date:	5/20/2010 18:30:47
Receipt Date:	20091123
Manifest ID:	002172759SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090701
Creation Date:	11/3/2009 18:30:20
Receipt Date:	20090714
Manifest ID:	001954881SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	D005
Additional Code 4:	D001

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

Additional Code 5:	Not reported
Shipment Date:	20090701
Creation Date:	11/25/2009 18:30:24
Receipt Date:	20090713
Manifest ID:	001954880SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090701
Creation Date:	11/3/2009 18:30:20
Receipt Date:	20090714
Manifest ID:	001954881SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090420
Creation Date:	8/25/2009 18:30:08
Receipt Date:	20090505
Manifest ID:	001585244SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0455
Waste Quantity:	91
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000010754
Shipment Date:	20081106
Creation Date:	12/22/2008 18:30:09
Receipt Date:	20081118
Manifest ID:	001209041SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0429
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081016
Creation Date:	11/18/2008 18:30:24
Receipt Date:	20081027
Manifest ID:	001284464SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0528
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080717
Creation Date:	8/29/2008 18:30:24
Receipt Date:	20080729
Manifest ID:	001258623SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0429
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080417
Creation Date:	9/4/2008 18:30:23
Receipt Date:	20080505
Manifest ID:	000624325SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080417
Creation Date:	9/4/2008 18:30:23
Receipt Date:	20080505
Manifest ID:	000624325SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080417
Creation Date:	9/4/2008 18:30:23
Receipt Date:	20080505
Manifest ID:	000624325SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080401
Creation Date:	5/21/2008 18:30:28

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

Receipt Date:	20080415
Manifest ID:	000624123SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0462
Waste Quantity:	14
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080306
Creation Date:	5/5/2008 18:30:23
Receipt Date:	20080318
Manifest ID:	001025821SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0594
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000010754

Shipment Date:	20100528
Creation Date:	1/14/2011 18:30:31
Receipt Date:	20100617
Manifest ID:	003315137FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100528
Creation Date:	1/14/2011 18:30:31
Receipt Date:	20100617
Manifest ID:	003315137FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100331
Creation Date:	12/3/2010 18:31:11
Receipt Date:	20100415
Manifest ID:	002500970SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

Quantity Tons:	0.1375
Waste Quantity:	275
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000010754
Shipment Date:	20071231
Creation Date:	3/11/2008 18:30:10
Receipt Date:	20080115
Manifest ID:	000693296SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071029
Creation Date:	2/29/2008 18:30:25
Receipt Date:	20071106
Manifest ID:	000087429SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0396
Waste Quantity:	12
Quantity Unit:	G

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000010754
Shipment Date:	20040707
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040714
Manifest ID:	23867591
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SVS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	PARK 'N FLY OF SAN FRANCISCO
Address:	101 TERMINAL CT
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806508
EPA ID:	CAL000010754
Inactive Date:	Not reported
Create Date:	11/14/1989
Last Act Date:	07/13/2020
Mailing Name:	Not reported
Mailing Address:	2060 MOUNT PARAN RD NW STE 207
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ATLANTA, GA 303270000
Owner Name:	PARK 'N FLY
Owner Address:	2060 MOUNT PARAN RD
Owner Address 2:	STE 207
Owner City,State,Zip:	ATLANTA, GA 303270000
Contact Name:	XUAN NGUYEN
Contact Address:	101 TERMINAL CT
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

PARK 'N FLY OF SAN FRANCISCO (Continued) **S113025310**

NAICS:

EPA ID:	CAL000010754
Create Date:	2002-03-14 16:36:27.000
NAICS Code:	81293
NAICS Description:	Parking Lots and Garages
Issued EPA ID Date:	1989-11-14 00:00:00
Inactive Date:	Not reported
Facility Name:	PARK 'N FLY OF SAN FRANCISCO
Facility Address:	101 TERMINAL CT
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940806508

A13 **PARK 'N FLY OF SAN FRANCISCO** **RCRA NonGen / NLR** **1024785997**
Target **101 TERMINAL CT** **CAL000010754**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 13 of 35 in cluster A

Actual:
21 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	19891114
Handler Name:	PARK 'N FLY OF SAN FRANCISCO
Handler Address:	101 TERMINAL CT
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6508
EPA ID:	CAL000010754
Contact Name:	RYAN WITHERSPOON
Contact Address:	101 TERMINAL CT
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-877-8438
Contact Fax:	650-877-8466
Contact Email:	ELEMESHEVA@PNF.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2060 MOUNT PARAN RD NW STE 207
Mailing City,State,Zip:	ATLANTA, GA 30327-0000
Owner Name:	PARK 'N FLY
Owner Type:	Other
Operator Name:	RYAN WITHERSPOON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

PARK 'N FLY OF SAN FRANCISCO (Continued) **1024785997**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RYAN WITHERSPOON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	101 TERMINAL CT

PARK 'N FLY OF SAN FRANCISCO (Continued) **1024785997**

Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 650-877-8438
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PARK 'N FLY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2060 MOUNT PARAN RD
Owner/Operator City,State,Zip: ATLANTA, GA 30327-0000
Owner/Operator Telephone: 404-364-8156
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19891114
Handler Name: PARK 'N FLY OF SAN FRANCISCO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81293
NAICS Description: PARKING LOTS AND GARAGES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A14 **PARK'N FLY OF SAN FRANCISCO** **CA FID UST** **S101593957**
Target **101 TERMINAL CT** **N/A**
Property **SO. SAN FRANCISCO, CA 94080**

Site 14 of 35 in cluster A

Actual:
21 ft.

CA FID UST:
Facility ID: 41003537
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158770304

PARK'N FLY OF SAN FRANCISCO (Continued) **S101593957**

Mail To: Not reported
Mailing Address: 101 TERMINAL CT
Mailing Address 2: Not reported
Mailing City,St,Zip: SO. SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

A15 **OLYMPIAN PRODUCE MKT CARD LOCK** **RGA LUST** **S114663707**
Target **131 TERMINAL** **N/A**
Property **S SAN FRANCISCO, CA**

Site 15 of 35 in cluster A

Actual: RGA LUST:
21 ft.
Name: OLYMPIAN PRODUCE MKT CARD LOCK
Address: 131 TERMINAL
City: S SAN FRANCISCO
State: S SAN FRANCISCO
2007 OLYMPIAN PRODUCE MKT CARD LOCK 131 TERMINAL
Name: OLYMPIAN PRODUCE MKT CARD LOCK
Address: 131 TERMINAL
City: S SAN FRANCISCO
State: S SAN FRANCISCO
2006 OLYMPIAN PRODUCE MKT CARD LOCK 131 TERMINAL
Name: OLYMPIAN PRODUCE MKT CARD LOCK
Address: 131 TERMINAL
City: S SAN FRANCISCO
State: S SAN FRANCISCO
2005 OLYMPIAN PRODUCE MKT CARD LOCK 131 TERMINAL
Name: OLYMPIAN PRODUCE MKT CARD LOCK
Address: 131 TERMINAL
City: S SAN FRANCISCO
State: S SAN FRANCISCO
2003 OLYMPIAN PRODUCE MKT CARD LOCK 131 TERMINAL

A16 **BAY AREA HERB AND SPECIALTIES** **HAULERS** **S127801169**
Target **131 TERMINAL COURT** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 16 of 35 in cluster A

Actual: HAULERS:
21 ft.
Name: BAY AREA HERB AND SPECIALTIES
Address: 131 TERMINAL COURT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Facility ID: 1866366
Facility Phone: (415) 850-0994
Business Email Address: tommang@hotmail.com
Contact Person: Marvin
Mailing Address: 131 Terminal Court
Mailing City: South San Francisco

BAY AREA HERB AND SPECIALTIES (Continued) **S127801169**

Mailing State:	CA
Mailing Zip:	94080
Mailing County:	San Mateo
Mailing Phone:	(415) 850-0994
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	Not reported
Business Types:	Not reported

A17 **PARK'N FLY OF SAN FRANCISCO** **SWEEPS UST** **S106930495**
Target **101 TERMINAL CT** **N/A**
Property **S SAN FRANCISCO, CA 94080**

Site 17 of 35 in cluster A

Actual:
21 ft.

SWEEPS UST:

Name:	PARK'N FLY OF SAN FRANCISCO
Address:	101 TERMINAL CT
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550017
Number:	9
Board Of Equalization:	Not reported
Referral Date:	04-26-94
Action Date:	04-26-94
Created Date:	10-13-88
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-550017-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-26-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

A18 **FLYERS #412** **HAZNET** **S113125487**
Target **131 TERMINAL CT** **HWTS** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 18 of 35 in cluster A

Actual:
21 ft.

HAZNET:

Name:	FLYERS #412
Address:	131 TERMINAL CT
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806526
Contact:	Amanda Appelt
Telephone:	5308850401
Mailing Name:	Not reported
Mailing Address:	2360 LINDBERGH ST
Year:	2012
Gepaid:	CAL000267875
TSD EPA ID:	CAD097030993

FLYERS #412 (Continued) **S113125487**

CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 9.35

Year: 2012
Gepaid: CAL000267875
TSD EPA ID: CAD980887418
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1668

Year: 2012
Gepaid: CAL000267875
TSD EPA ID: CAT080013352
CA Waste Code: 241 - Tank bottom waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 2.502

Year: 2011
Gepaid: CAL000267875
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.456

Year: 2009
Gepaid: CAL000267875
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.209

Year: 2009
Gepaid: CAL000267875
TSD EPA ID: CAD980887418
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1668

Additional Info:
Year: 2011
Gen EPA ID: CAL000267875

Shipment Date: 20110624
Creation Date: 8/26/2011 18:30:30
Receipt Date: 20110627
Manifest ID: 007035787JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported

FLYERS #412 (Continued) **S113125487**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.456
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000267875
Shipment Date:	20120925
Creation Date:	12/3/2012 22:15:38
Receipt Date:	20120926
Manifest ID:	010396103JJK
Trans EPA ID:	CAD981425853
Trans Name:	HOYT TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2
Waste Quantity:	2
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120925
Creation Date:	11/28/2012 22:15:41
Receipt Date:	20120926
Manifest ID:	010396105JJK
Trans EPA ID:	CAL922125668
Trans Name:	ADAMS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC

FLYERS #412 (Continued) **S113125487**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120925
Creation Date:	11/28/2012 22:15:41
Receipt Date:	20120926
Manifest ID:	010396102JJK
Trans EPA ID:	CAD981425853
Trans Name:	HOYT TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2
Waste Quantity:	2
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120925
Creation Date:	11/28/2012 22:15:41
Receipt Date:	20120926
Manifest ID:	010396104JJK
Trans EPA ID:	CAL922125668
Trans Name:	ADAMS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5

FLYERS #412 (Continued) **S113125487**

Waste Quantity:	5
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120924
Creation Date:	11/28/2012 22:15:41
Receipt Date:	20120928
Manifest ID:	010396097JJK
Trans EPA ID:	CAR000189431
Trans Name:	ADAMS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	2.502
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120723
Creation Date:	12/6/2012 22:16:01
Receipt Date:	20120724
Manifest ID:	010021094JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FLYERS #412 (Continued) **S113125487**

Additional Info:

Year:	2009
Gen EPA ID:	CAL000267875
Shipment Date:	20090414
Creation Date:	5/23/2009 18:30:08
Receipt Date:	20090415
Manifest ID:	004905675JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090414
Creation Date:	5/23/2009 18:30:08
Receipt Date:	20090415
Manifest ID:	004905675JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	FLYERS #412

FLYERS #412 (Continued) **S113125487**

Address:	131 TERMINAL CT
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806526
EPA ID:	CAL000267875
Inactive Date:	06/30/2014
Create Date:	03/18/2003
Last Act Date:	07/16/2014
Mailing Name:	Not reported
Mailing Address:	2360 LINDBERGH ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	AUBURN, CA 95602
Owner Name:	FLYERS ENERGY LLC
Owner Address:	2360 LINDBERGH ST
Owner Address 2:	Not reported
Owner City,State,Zip:	AUBURN, CA 95602
Contact Name:	AMANDA APPELT
Contact Address:	2360 LINDBERGH STREET
Contact Address 2:	Not reported
City,State,Zip:	AUBURN, CA 95602

NAICS:

EPA ID:	CAL000267875
Create Date:	2003-03-18 16:32:53.250
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations
Issued EPA ID Date:	2003-03-18 16:32:53.23300
Inactive Date:	2014-06-30 00:00:00
Facility Name:	FLYERS #412
Facility Address:	131 TERMINAL CT
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940806526

A19 **FRESH POINT** **San Mateo Co. BI** **S123182322**
Target **131 TERMINAL** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 19 of 35 in cluster A

Actual:
21 ft.

San Mateo Co. BI:

Name:	FRESH POINT
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0037697
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0054677
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

A20 **CARCIONE FRESH PRODUCE CO INC** **FINDS** **1023209374**
Target **131 TERMINAL CT UNIT 51/54** **N/A**
Property **S SAN FRANCISCO, CA 94080**

Site 20 of 35 in cluster A

Actual:
21 ft.

FINDS:
Registry ID: 110064947107

Click Here:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A21 **PRODUCE MARKET KEYLOCK** **San Mateo Co. BI** **S123180519**
Target **131 TERMINAL** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 21 of 35 in cluster A

Actual:
21 ft.

San Mateo Co. BI:

Name:	PRODUCE MARKET KEYLOCK
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017708
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0023542
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	PRODUCE MARKET KEYLOCK
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017708
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022600
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	PRODUCE MARKET KEYLOCK
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017708
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0044803
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

A22 **CARCIONE FRESH PRODUCE CO INC** **CERS** **S121748697**
Target **131 TERMINAL CT UNIT 51/54** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 22 of 35 in cluster A

Actual:
21 ft.

CERS:

Name:	CARCIONE FRESH PRODUCE CO INC
Address:	131 TERMINAL CT UNIT 51/54
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	16410
CERS ID:	10070491
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	16410
Site Name:	CARCIONE FRESH PRODUCE CO INC
Violation Date:	07-02-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/21/2017.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	16410
Site Name:	CARCIONE FRESH PRODUCE CO INC
Violation Date:	06-14-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 03/17/2020. OBSERVATION: The business did not provide one or more of the following: initial employee training, adequate employee training, annual employee training and/or maintain records of employee training. CORRECTIVE ACTION: Provide all employees with required training that includes: safe handling hazardous materials, emergency response procedures, and proper use of response quipment. Maintain records of training available for 3 years. SEND ME AN EMAIL STATING WHEN THE TRAINING IS COMPLETE.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	08-04-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

CARCIONE FRESH PRODUCE CO INC (Continued) **S121748697**

Eval General Type: Other/Unknown
Eval Date: 04-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-12-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 16410
Site Name: CARCIONE FRESH PRODUCE CO INC

CARCIONE FRESH PRODUCE CO INC (Continued) **S121748697**

Site Address: 131 TERMINAL CT UNIT 51/54
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 04-14-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 1/10/17: HMBP last modified 4/21/16. All elements have been filled out except for the site map - HMBP still has yet to be submitted but progress has been made. 8/18/17: Facility violations marked complied in violation dispatch center 7/21/17.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Operator
Entity Name: CARCIONE'S FRESH PROD CO INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 583-8989,

Affiliation Type Desc: Document Preparer
Entity Name: Frank Cavaz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Frank Cavaz
Entity Title: manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: Frank Cavaz

CARCIONE FRESH PRODUCE CO INC (Continued) **S121748697**

Entity Title:	Not reported
Affiliation Address:	131 TERMINAL CT UNIT 53
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	CARCIONE'S FRESH PROD CO INC
Entity Title:	Not reported
Affiliation Address:	131 TERMINAL
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 583-8989,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 2281
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	CARCIONE'S FRESH PRODUCE CO INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

A23 **PRODUCE MARKET KEYLOCK** **HIST UST** **U001594809**
Target **131 TERMINAL CT** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 23 of 35 in cluster A

Actual:
21 ft.

HIST UST:

Name:	PRODUCE MARKET KEYLOCK
Address:	131 TERMINAL CT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C0FE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C0FE.pdf
Region:	STATE
Facility ID:	00000058727
Facility Type:	Other
Other Type:	PRODUCE MARKET
Contact Name:	GEORGE FIRENZE
Telephone:	4158738200
Owner Name:	OLYMPIAN OIL COMPANY

PRODUCE MARKET KEYLOCK (Continued) **U001594809**

Owner Address:	200 MICHELE CT.
Owner City,St,Zip:	SOUTH SAN FRANCISCO, CA 94080
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	1978
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	None

Click here for Geo Tracker PDF:

A24 **OLYMPIAN PRODUCE MKT CARD LOCK** **RGA LUST** **S114663708**
Target **131 TERMINAL** **N/A**
Property **SOUTH SAN FRANCISCO, CA**

Site 24 of 35 in cluster A

Actual: **21 ft.**

RGA LUST:

Name:	OLYMPIAN PRODUCE MKT CARD LOCK		
Address:	131 TERMINAL		
City:	SOUTH SAN FRANCISCO		
State:	SOUTH SAN FRANCISCO		
	2012	OLYMPIAN PRODUCE MKT CARD LOCK	131 TERMINAL
Name:	OLYMPIAN PRODUCE MKT CARD LOCK		
Address:	131 TERMINAL		
City:	SOUTH SAN FRANCISCO		
State:	SOUTH SAN FRANCISCO		
	2011	OLYMPIAN PRODUCE MKT CARD LOCK	131 TERMINAL
Name:	OLYMPIAN PRODUCE MKT CARD LOCK		
Address:	131 TERMINAL		
City:	SOUTH SAN FRANCISCO		
State:	SOUTH SAN FRANCISCO		
	2010	OLYMPIAN PRODUCE MKT CARD LOCK	131 TERMINAL
Name:	OLYMPIAN PRODUCE MKT CARD LOCK		
Address:	131 TERMINAL		
City:	SOUTH SAN FRANCISCO		

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S114663708**

State: SOUTH SAN FRANCISCO
2009 OLYMPIAN PRODUCE MKT CARD LOCK 131 TERMINAL
Name: OLYMPIAN PRODUCE MKT CARD LOCK
Address: 131 TERMINAL
City: SOUTH SAN FRANCISCO
State: SOUTH SAN FRANCISCO
2008 OLYMPIAN PRODUCE MKT CARD LOCK 131 TERMINAL

A25 **OLYMPIAN PRODUCE MKT CARD LOCK** **LUST** **S105073398**
Target **131 TERMINAL** **SWEEPS UST** **N/A**
Property **S SAN FRANCISCO, CA 94080** **Cortese**
CERS

Site 25 of 35 in cluster A

Actual:
21 ft.

SAN MATEO CO. LUST:
Name: OLYMPIAN PRODUCE MKT CARD LOCK
Address: 131 TERMINAL CT
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550158
Facility Status: 9- Case Closed
Global ID: T0608126439
APN Number: 015113210
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: OLYMPIAN PRODUCE MKT CARD LOCK
Address: 131 TERMINAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608126439
Global Id: T0608126439
Latitude: 37.645819061
Longitude: -122.407863306
Status: Completed - Case Closed
Status Date: 03/27/2014
Case Worker: JM
RB Case Number: 41-4032
Local Agency: SAN MATEO COUNTY LOP
File Location: Not reported
Local Case Number: 550158
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:
Global Id: T0608126439
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S105073398**

Phone Number: Not reported

Global Id: T0608126439
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 06/10/2010
Action: Staff Letter - #20100610

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 07/21/2011
Action: Staff Letter - #20110721

Global Id: T0608126439
Action Type: Other
Date: 10/23/1998
Action: Leak Discovery

Global Id: T0608126439
Action Type: RESPONSE
Date: 05/31/2007
Action: Soil and Water Investigation Workplan

Global Id: T0608126439
Action Type: RESPONSE
Date: 03/20/2009
Action: Pilot Study/ Treatability Report

Global Id: T0608126439
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 04/14/2003
Action: Staff Letter - #20030414

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 07/19/2005
Action: Notice of Violation - #20050719

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 01/20/2005
Action: Staff Letter - #20050120

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S105073398**

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 12/08/2005
Action: Staff Letter - #20051208

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 11/18/2002
Action: Staff Letter - #20021118

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 11/13/1998
Action: Notice of Responsibility - #1

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 11/17/2003
Action: Staff Letter - #20031117

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 07/22/2003
Action: Staff Letter - #20030722

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 10/07/2004
Action: Staff Letter - #20041007

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 02/22/2007
Action: Staff Letter - #20070222

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 05/07/2003
Action: Staff Letter - #20030507

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 12/09/2008
Action: Staff Letter - #20081209

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Staff Letter - #20090715

Global Id: T0608126439
Action Type: Other
Date: 11/04/1998
Action: Leak Reported

Global Id: T0608126439
Action Type: RESPONSE

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S105073398**

Date: 07/19/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608126439
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 05/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 10/07/2003
Action: Unknown

Global Id: T0608126439
Action Type: RESPONSE
Date: 09/30/2003
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608126439
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 01/21/2007
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S105073398**

Global Id: T0608126439
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 02/15/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608126439
Action Type: RESPONSE
Date: 01/08/2006
Action: Electronic Reporting Submittal Due

Global Id: T0608126439
Action Type: RESPONSE
Date: 01/11/2013
Action: Final Remedial Action Report / Corrective Action Report - Regulator Responded

Global Id: T0608126439
Action Type: RESPONSE
Date: 09/20/2013
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0608126439
Action Type: REMEDIATION
Date: 10/16/2003
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 01/21/2010
Action: Staff Letter - #20100121

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 03/02/2010
Action: Technical Correspondence / Assistance / Other - #20100302

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 03/27/2014
Action: Closure/No Further Action Letter - #20140327

Global Id: T0608126439
Action Type: RESPONSE

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S105073398**

Date: 05/28/2010
Action: Site Assessment Report

Global Id: T0608126439
Action Type: RESPONSE
Date: 06/15/2012
Action: CAP/RAP - Final Remediation / Design Plan - Regulator Responded

Global Id: T0608126439
Action Type: RESPONSE
Date: 06/24/2011
Action: Other Workplan - Regulator Responded

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 01/09/2014
Action: Notification - Preclosure - #20140109

Global Id: T0608126439
Action Type: RESPONSE
Date: 01/08/2010
Action: Soil and Water Investigation Workplan

Global Id: T0608126439
Action Type: RESPONSE
Date: 08/05/2008
Action: Soil and Water Investigation Report

Global Id: T0608126439
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608126439
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Annually

Global Id: T0608126439
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Annually

Global Id: T0608126439
Action Type: RESPONSE
Date: 05/15/2012
Action: Monitoring Report - Annually

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 03/06/2013
Action: Staff Letter - #20130306

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 08/15/2012
Action: Staff Letter - #20120815

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S105073398**

Global Id: T0608126439
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608126439
Action Type: RESPONSE
Date: 07/07/2003
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608126439
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608126439
Action Type: RESPONSE
Date: 12/22/2004
Action: Other Report / Document

Global Id: T0608126439
Action Type: ENFORCEMENT
Date: 06/18/2009
Action: Staff Letter - #20090618

LUST:
Global Id: T0608126439
Status: Open - Case Begin Date
Status Date: 10/23/1998

Global Id: T0608126439
Status: Open - Remediation
Status Date: 10/15/2003

Global Id: T0608126439
Status: Open - Remediation
Status Date: 10/16/2003

Global Id: T0608126439
Status: Open - Verification Monitoring
Status Date: 09/20/2012

Global Id: T0608126439
Status: Open - Eligible for Closure
Status Date: 11/21/2013

Global Id: T0608126439
Status: Completed - Case Closed
Status Date: 03/27/2014

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Remedial action (cleanup) Underway
Case Number: 550158

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S105073398**

How Discovered: UM
Leak Cause: Unknown
Leak Source: Piping
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 1/1/1965
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: PRODUCE MARKET KEYLOCK/OLYMPIAN DEVELOPMENT
Address: 131 TERMINAL CT
City: S SAN FRANCISCO
Status: Active
Comp Number: 550045
Number: 3
Board Of Equalization: Not reported
Referral Date: 04-26-94
Action Date: 04-26-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550045-000001
Tank Status: A
Capacity: 10000
Active Date: 04-26-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: PRODUCE MARKET KEYLOCK/OLYMPIAN DEVELOPMENT
Address: 131 TERMINAL CT
City: S SAN FRANCISCO
Status: Active
Comp Number: 550045
Number: 3
Board Of Equalization: Not reported
Referral Date: 04-26-94
Action Date: 04-26-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550045-000002
Tank Status: A
Capacity: 10000
Active Date: 04-26-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: PRODUCE MARKET KEYLOCK/OLYMPIAN DEVELOPMENT
Address: 131 TERMINAL CT
City: S SAN FRANCISCO
Status: Active

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S105073398**

Comp Number:	550045
Number:	3
Board Of Equalization:	Not reported
Referral Date:	04-26-94
Action Date:	04-26-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550045-000003
Tank Status:	A
Capacity:	6000
Active Date:	04-26-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CORTESE:

Name:	OLYMPIAN PRODUCE MKT CARD LOCK
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608126439
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	OLYMPIAN PRODUCE MKT CARD LOCK
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	235770
CERS ID:	T0608126439
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA

OLYMPIAN PRODUCE MKT CARD LOCK (Continued) **S105073398**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

A26 **SHASTA PRODUCE** **HAULERS** **S127791001**
Target Property **131 TERMINAL CT STALL 24-29** **N/A**
SOUTH SAN FRANCISCO, CA

Site 26 of 35 in cluster A

Actual: 21 ft.

HAULERS:

Name:	SHASTA PRODUCE
Address:	131 TERMINAL CT STALL 24-29
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Facility ID:	1593188
Facility Phone:	(650) 588-0930
Business Email Address:	Not reported
Contact Person:	Bene Alverez
Mailing Address:	PO Box 2328
Mailing City:	South San Francisco
Mailing State:	CA
Mailing Zip:	94083
Mailing County:	San Mateo
Mailing Phone:	Not reported
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	Not reported
Business Types:	Not reported

A27 **GALWAY TRUCKING, INC.** **HAULERS** **S127797392**
Target Property **131 TERMINAL CT** **N/A**
SOUTH SAN FRANCISCO, CA

Site 27 of 35 in cluster A

Actual: 21 ft.

HAULERS:

Name:	GALWAY TRUCKING, INC.
Address:	131 TERMINAL CT
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Facility ID:	1784029
Facility Phone:	(650) 490-0905
Business Email Address:	Not reported
Contact Person:	Paul Galway
Mailing Address:	131 Terminal Ct

GALWAY TRUCKING, INC. (Continued) **S127797392**

Mailing City:	South San Francisco
Mailing State:	CA
Mailing Zip:	94080
Mailing County:	San Mateo
Mailing Phone:	Not reported
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	Not reported
Business Types:	Not reported

A28 **SHASTA PRODUCE** **FINDS** **1023346883**
Target **131 TERMINAL CT UNIT 24-34** **N/A**
Property **S SAN FRANCISCO, CA 94080**

Site 28 of 35 in cluster A

Actual: **21 ft.**

FINDS:
Registry ID: 110066429010

Click Here:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A29 **FRANZELLA PRODUCE INC** **San Mateo Co. BI** **S123182319**
Target **131 TERMINAL** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 29 of 35 in cluster A

Actual: **21 ft.**

San Mateo Co. BI:

Name:	FRANZELLA PRODUCE INC
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0037683
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0054575
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

A30 **SOUTH CITY PALLETS** **HAULERS** **S127796055**
Target **131 TERMINAL CT** **N/A**
Property **SOUTH SAN FRANCISCO, CA**

Site 30 of 35 in cluster A

Actual: **21 ft.**

HAULERS:

Name:	SOUTH CITY PALLETS
Address:	131 TERMINAL CT
City,State,Zip:	SOUTH SAN FRANCISCO, CA

SOUTH CITY PALLETS (Continued) **S127796055**

Facility ID:	1749139
Facility Phone:	(650) 490-0905
Business Email Address:	Not reported
Contact Person:	P.I.O.
Mailing Address:	131 Terminal Ct
Mailing City:	South San Francisco
Mailing State:	CA
Mailing Zip:	94080
Mailing County:	San Mateo
Mailing Phone:	Not reported
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	Not reported
Business Types:	Not reported

A31 **OLYMPIAN OIL** **HWTS** **S124553859**
Target **131 TERMINAL CT** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 31 of 35 in cluster A

Actual: **21 ft.**

HWTS:

Name:	OLYMPIAN OIL
Address:	131 TERMINAL CT
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAC001262936
Inactive Date:	10/25/2000
Create Date:	04/04/1997
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	260 MICHELE CT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	OLYMPIAN OIL
Owner Address:	260 MICHELE CT
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact Name:	JEFF STEELE
Contact Address:	260 MICHELE CT
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000

A32 **FRANZELLA PRODUCE INC** **FINDS** **1023277249**
Target **131 TERMINAL CT UNIT 60** **N/A**
Property **S SAN FRANCISCO, CA 94080**

Site 32 of 35 in cluster A

Actual: **21 ft.**

FINDS:
Registry ID: 110065676469

Click Here:

Environmental Interest/Information System:
STATE MASTER

FRANZELLA PRODUCE INC (Continued) **1023277249**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A33 **OLYMPIAN PRODUCE MKT CARD LOCK** **FINDS** **1023228101**
Target **131 TERMINAL** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 33 of 35 in cluster A

Actual: **21 ft.**

FINDS:
Registry ID: 110065149789

Click Here:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A34 **CARCIONE FRESH PRODUCE CO INC** **San Mateo Co. BI** **S123182316**
Target **131 TERMINAL** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 34 of 35 in cluster A

Actual: **21 ft.**

San Mateo Co. BI:

Name:	CARCIONE FRESH PRODUCE CO INC
Address:	131 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0037680
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0054568
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

A35 **PARK AND FLY** **HWTS** **S124775805**
Target **101 TERMINAL COURT** **N/A**
Property **SOUTH SAN FRANCISCO, CA 94080**

Site 35 of 35 in cluster A

Actual: **21 ft.**

HWTS:

Name:	PARK AND FLY
Address:	101 TERMINAL COURT
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAL000042976
Inactive Date:	06/30/1995
Create Date:	01/08/1991
Last Act Date:	06/28/2001
Mailing Name:	Not reported
Mailing Address:	101 TERMINAL COURT
Mailing Address 2:	Not reported

PARK AND FLY (Continued) **S124775805**

Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	NORO GROUP
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	INACTIVE PER 95 FEES/NJ
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

B36 **SHASTA PRODUCE** **San Mateo Co. BI** **S123182321**
North **155 TERMINAL** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.001 mi.
6 ft. **Site 1 of 8 in cluster B**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	SHASTA PRODUCE
Address:	155 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0037696
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0054675
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

B37 **VERIZON WIRELESS SFO TERMINAL 1** **San Mateo Co. BI** **S119781615**
NNE **1 TERMINAL** **CERS** **N/A**
< 1/8 **SAN FRANCISCO, CA 94128**
0.007 mi.
37 ft. **Site 2 of 8 in cluster B**

Relative: **Higher**
Actual: **22 ft.**

San Mateo Co. BI:

Name:	VERIZON WIRELESS SFO TERMINAL 1
Address:	1 TERMINAL
City,State,Zip:	SAN FRANCISCO, CA 94128
Region:	SAN MATEO
Facility ID:	FA0029335
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0049812
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	VERIZON WIRELESS SFO TERMINAL 1
Address:	1 TERMINAL
City,State,Zip:	SAN FRANCISCO, CA 94128
Region:	SAN MATEO
Facility ID:	FA0029335
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0049811
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

VERIZON WIRELESS SFO TERMINAL 1 (Continued) **S119781615**

CERS:

Name:	VERIZON WIRELESS SFO TERMINAL 1
Address:	1 TERMINAL
City,State,Zip:	SAN FRANCISCO, CA 94128
Site ID:	406486
CERS ID:	10069372
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	406486
Site Name:	Verizon Wireless SFO Terminal 1
Violation Date:	12-14-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 01/13/2016. No fire extinguisher and eye wash expired. Ensure that the 3-foot egress to the eye wash is maintained. There is construction going on and workers are keeping their tools/equipment in front of the eye wash.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	406486
Site Name:	Verizon Wireless SFO Terminal 1
Violation Date:	02-18-2020
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 02/21/2020. OBSERVATION: The business could not demonstrate that the property owner has been notified in writing that the business is subject to the business plan program and has complied with its provisions. REQUIRED ACTION: Provide documentation to the San Mateo County CUPA that the property owner has been properly notified in writing.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	406486
Site Name:	Verizon Wireless SFO Terminal 1
Violation Date:	01-18-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/12/2019. Eye wash expired 10/17. No fire extinguisher observed in the fire extinguisher location by the door. Replace eye wash with a new solution and provide the fire extinguisher. Fenwall FM-200 Fire Suppression Unit is in line and operational.
Violation Division:	San Mateo County Environmental Health

VERIZON WIRELESS SFO TERMINAL 1 (Continued) **S119781615**

Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-11-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: David Richter, david.richter@verizonwireles.com Facility is on Level 2 of the short- term parking garage. Park near C13. 48 batteries (Northstar NSB170FT Silver Battery)
Eval Division: San Mateo County Environmental Health

VERIZON WIRELESS SFO TERMINAL 1 (Continued) **S119781615**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-10-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-30-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submission review
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 48 batteries
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

VERIZON WIRELESS SFO TERMINAL 1 (Continued) **S119781615**

Eval General Type: Other/Unknown
Eval Date: 03-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-08-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Steve Skanderson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Verizon Wireless
Entity Title: Not reported
Affiliation Address: 295 Parkshore Drive
Affiliation City: Folsom
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95630
Affiliation Phone: (866) 694-2415,

Affiliation Type Desc: Operator
Entity Name: Verizon Wireless
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (866) 694-2415,

Affiliation Type Desc: Parent Corporation
Entity Name: Verizon Wireless [Northern California]
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

VERIZON WIRELESS SFO TERMINAL 1 (Continued) **S119781615**

Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Identification Signer
Entity Name:	armand delgado
Entity Title:	environmental compliance mgr
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Compliance
Entity Title:	Not reported
Affiliation Address:	295 Parkshore Drive
Affiliation City:	Folsom
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95630
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	295 Parkshore Drive
Affiliation City:	Folsom
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95630
Affiliation Phone:	,

B38 **MIKES MOBIL TRUCK SERVICE** **San Mateo Co. BI** **S117398464**
NNE **110 TERMINAL** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.014 mi.
75 ft. **Site 3 of 8 in cluster B**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:

Name:	MIKES MOBIL TRUCK SERVICE
Address:	110 TERMINAL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0037558
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0054332
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT

MIKES MOBIL TRUCK SERVICE (Continued) **S117398464**

Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

B39 **PARKING CORPORATION OF AMERICA** **LUST** **S106875186**
NNE **120 TERMINAL** **CPS-SLIC** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.017 mi.
91 ft. **Site 4 of 8 in cluster B**

Relative: Higher
Actual: 21 ft.

SAN MATEO CO. LUST:
Name: PARKING CORPORATION OF AMERICA
Address: 120 TERMINAL CT
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 559187
Facility Status: 9- Case Closed
Global ID: SL0608187305
APN Number: 015113350
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

CPS-SLIC:
Name: PARKING CORPORATION OF AMERICA
Address: 120 TERMINAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 05/26/2010
Global Id: SL0608187305
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 559187
Latitude: 37.646763
Longitude: -122.407428
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS:
Name: PARKING CORPORATION OF AMERICA
Address: 120 TERMINAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 191100
CERS ID: SL0608187305
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100

PARKING CORPORATION OF AMERICA (Continued) **S106875186**

Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

B40 **SAN MATEO COUNTY TRANSIT DISTRICT** **RCRA NonGen / NLR** **1000123781**
NNE **196 SOUTH PRODUCE AVENUE** **FINDS** **CAD060139359**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.018 mi.
95 ft. **Site 5 of 8 in cluster B**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	19930621
Handler Name:	SAN MATEO COUNTY TRANSIT DISTRICT
Handler Address:	196 SOUTH PRODUCE AVENUE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD060139359
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	196 SOUTH PRODUCE AVENUE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-573-2352
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	CA
State District:	2
Mailing Address:	400 SOUTH EL CAMINO REAL
Mailing City,State,Zip:	SAN MATEO, CA 94402
Owner Name:	SAN MATEO COUNTY TRANSIT DISTICT
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

SAN MATEO COUNTY TRANSIT DISTRICT (Continued) **1000123781**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020917
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAN MATEO COUNTY TRANSIT DISTICT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

SAN MATEO COUNTY TRANSIT DISTRICT (Continued) **1000123781**

Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19930621
Handler Name:	SAN MATEO COUNTY TRANSIT DISTRICT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19860403
Actual Return to Compliance Date:	19910403
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

SAN MATEO COUNTY TRANSIT DISTRICT (Continued) **1000123781**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19860403
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910403
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110002652558

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000123781
Registry ID: 110002652558
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002652558
Name: SAN MATEO COUNTY TRANSIT DISTRICT
Address: 196 SOUTH PRODUCE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

C41 **STURDY OIL** **San Mateo Co. BI** **S100280084**
SSE **251 SHAW** **HIST CORTESE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.021 mi.
111 ft. **Site 1 of 6 in cluster C**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:

Name:	OGDEN AVIATION
Address:	251 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0025542
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0034267
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	OGDEN AVIATION
Address:	251 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0025542
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0034266
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	MCLELLAN EQUIPMENT INC
Address:	251 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017900
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004325
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	HARVEST VACATION INC
Address:	251 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0052637
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0072954
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	HARVEST VACATION INC
Address:	251 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0052637
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0072953
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF

STURDY OIL (Continued) **S100280084**

Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: D P NICOLI
Address: 251 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0038769
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0055125
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: D P NICOLI
Address: 251 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0038769
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0055123
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

HIST CORTESE:
edr_fname: STURDY OIL
edr_fadd1: 251 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 2699

C42 **AHERN RENTALS** **CERS HAZ WASTE** **S121781371**
SSE **251 SHAW RD** **HAZNET** **N/A**
< 1/8 **S SAN FRAN, CA 94080** **CERS**
0.021 mi. **HWTS**
111 ft. **Site 2 of 6 in cluster C**

Relative:
Lower

Actual:
20 ft.

CERS HAZ WASTE:
Name: AHERN RENTALS, SFO-151
Address: 251 SHAW RD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 423043
CERS ID: 10737439
CERS Description: Hazardous Waste Generator

HAZNET:
Name: AHERN RENTALS
Address: 251 SHAW RD
Address 2: Not reported
City,State,Zip: S SAN FRAN, CA 891064342
Contact: DAVID W. FAIRCLOTH
Telephone: 7026314250
Mailing Name: Not reported
Mailing Address: 1401 MINERAL AVE

AHERN RENTALS (Continued) **S121781371**

Year: 2019
Gepaid: CAL000427393
TSD EPA ID: NED981723513
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15000

Year: 2019
Gepaid: CAL000427393
TSD EPA ID: NED981723513
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.15000

Year: 2018
Gepaid: CAL000427393
TSD EPA ID: NED981723513
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.25000

Year: 2018
Gepaid: CAL000427393
TSD EPA ID: CAD059494310
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15000

Year: 2018
Gepaid: CAL000427393
TSD EPA ID: NED981723513
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.25000

Year: 2018
Gepaid: CAL000427393
TSD EPA ID: NED981723513
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.20000

Year: 2017
Gepaid: CAL000427393
TSD EPA ID: CAD980675276
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1

Additional Info:
Year: 2017
Gen EPA ID: CAL000427393

AHERN RENTALS (Continued) **S121781371**

Shipment Date:	20171101
Creation Date:	10/4/2018 18:30:16
Receipt Date:	20171110
Manifest ID:	006161740SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171025
Creation Date:	10/11/2018 18:31:48
Receipt Date:	20171117
Manifest ID:	006276328SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171013
Creation Date:	10/26/2018 18:30:13
Receipt Date:	20171102
Manifest ID:	006277311SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513

AHERN RENTALS (Continued) **S121781371**

Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170731
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20170824
Manifest ID:	006106565SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	AZD049318009
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170606
Creation Date:	6/28/2018 18:30:22
Receipt Date:	20170614
Manifest ID:	006106045SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEANHARBORS OF BUTTONWILLOW
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1

AHERN RENTALS (Continued) **S121781371**

Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	D004
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170606
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20170628
Manifest ID:	006106044SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170606
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20170628
Manifest ID:	006106044SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

AHERN RENTALS (Continued) **S121781371**

CERS:
Name: AHERN RENTALS, SFO-151
Address: 251 SHAW RD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 423043
CERS ID: 10737439
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 423043
Site Name: Ahern Rentals, SFO-151
Violation Date: 11-22-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 12/05/2017. Update secondary emergency contact as the service manager at the site has now changed. Please update within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 423043
Site Name: Ahern Rentals, SFO-151
Violation Date: 11-22-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Release/Leaks/Spills - General
Violation Notes: Returned to compliance on 12/05/2017. Facility had a spill at the parts washer machine and on top of the used oil tank. Absorbent has already been placed on the spill (photo taken). Please correct this and clean up spills as they occur in the shop. Take photo and send to 650-339-0327 or drompf@smcgov.org to correct this issue.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 423043
Site Name: Ahern Rentals, SFO-151
Violation Date: 01-09-2020
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 01/09/2020. Facility had open container of absorbents and oil filters This was corrected during inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 423043
Site Name: Ahern Rentals, SFO-151

AHERN RENTALS (Continued) **S121781371**

Violation Date: 11-22-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 12/05/2017. Facility missed the propane, welding gas storage area, and lead acid battery storage locations on facility map. Also, please show cross streets, evacuation areas and any other emergency information on the map. Evacuation map is available in the shop and posted on the wall for employee review.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 423043
Site Name: Ahern Rentals, SFO-151
Violation Date: 11-22-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 12/05/2017. Facility will need to add oxygen at 258 cu ft., acetylene 200 cu ft, lead acid batteries at 500lbs, and propane (quantity to be determined by facility). Please update the HMBP map and inventory on CERS and update the inventory on CERS in the next 30 days. Contact Dan if you need assistance.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-05-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-09-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved and site review.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

AHERN RENTALS (Continued) **S121781371**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-03-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved via cers
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-29-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: UPDATED HMBP In CERS
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-23-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-17-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

AHERN RENTALS (Continued) **S121781371**

Eval Date: 11-22-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-22-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 423043
Facility Name: Ahern Rentals, SFO-151
Env Int Type Code: HMBP
Program ID: 10737439
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.641330
Longitude: -122.407260

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Ahern Rentals, Inc
Entity Title: Not reported
Affiliation Address: 1401 Mineral Avenue
Affiliation City: Las Vegas
Affiliation State: NV
Affiliation Country: United States
Affiliation Zip: 89106-4342
Affiliation Phone: (702) 631-4250,

Affiliation Type Desc: Identification Signer
Entity Name: David W. Faircloth
Entity Title: Environmental Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403

AHERN RENTALS (Continued) **S121781371**

Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1401 Mineral Avenue
Affiliation City:	Las Vegas
Affiliation State:	NV
Affiliation Country:	Not reported
Affiliation Zip:	89106-4342
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	David W. Faircloth
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	David W. Faircloth
Entity Title:	Not reported
Affiliation Address:	8350 Eastgate Rd
Affiliation City:	Henderson
Affiliation State:	NV
Affiliation Country:	Not reported
Affiliation Zip:	89015
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Ahern Rentals, Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(702) 631-4250,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Ahern Rentals, Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Michael J. & Annette J. DeMaria, Christopher C. & Molly
Entity Title:	Not reported
Affiliation Address:	251 Shaw Road, Suite 200
Affiliation City:	South San Francisco

AHERN RENTALS (Continued) **S121781371**

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 873-8100,

Name: MCLELLAN INDUSTRIES, INC.
Address: 251 SHAW RD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-6605
Site ID: 479869
CERS ID: 110041442677
CERS Description: US EPA Air Emission Inventory System (EIS)

HWTS:
Name: AHERN RENTALS
Address: 251 SHAW RD
Address 2: Not reported
City,State,Zip: S SAN FRAN, CA 94080
EPA ID: CAL000427393
Inactive Date: Not reported
Create Date: 05/03/2017
Last Act Date: 09/17/2020
Mailing Name: Not reported
Mailing Address: 1401 MINERAL AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: LAS VEGAS, NV 891064342
Owner Name: DIAMOND A EQUIPMENT
Owner Address: 2635 E SOUTH ST
Owner Address 2: Not reported
Owner City,State,Zip: LONG BEACH, CA 908050000
Contact Name: DAVID W. FAIRCLOTH
Contact Address: 8350 EASTGATE RD
Contact Address 2: Not reported
City,State,Zip: HENDERSON, NV 89015

NAICS:
EPA ID: CAL000427393
Create Date: 2017-05-03 12:24:26.783
NAICS Code: 532412
NAICS Description: Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing
Issued EPA ID Date: 2017-05-03 12:24:26.73000
Inactive Date: Not reported
Facility Name: AHERN RENTALS
Facility Address: 251 SHAW RD
Facility Address 2: Not reported
Facility City: S SAN FRAN
Facility County: Not reported
Facility State: CA
Facility Zip: 94080

C43 **AHERN RENTALS, SFO-151** **San Mateo Co. BI** **S121307712**
SSE **251 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.021 mi.
111 ft. **Site 3 of 6 in cluster C**

Relative: San Mateo Co. BI:
Lower

Name:	AHERN RENTALS, SFO-151
Address:	251 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0063048
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0085969
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Actual:
20 ft.

Name:	AHERN RENTALS, SFO-151
Address:	251 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0063048
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0085970
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

C44 **AHERN RENTALS** **RCRA NonGen / NLR** **1024859794**
SSE **251 SHAW RD** **CAL000427393**
< 1/8 **S SAN FRAN, CA 94080**
0.021 mi.
111 ft. **Site 4 of 6 in cluster C**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		20170503
Handler Name:	AHERN RENTALS	
Handler Address:		251 SHAW RD
Handler City,State,Zip:		S SAN FRAN, CA 94080
EPA ID:		CAL000427393
Contact Name:		DAVID W FAIRCLOTH
Contact Address:		1401 MINERAL AVE
Contact City,State,Zip:		LAS VEGAS, NV 89106
Contact Telephone:		702-631-4250
Contact Fax:		Not reported
Contact Email:		DAVIDWF@AHERN.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1401 MINERAL AVE
Mailing City,State,Zip:		LAS VEGAS, NV 89106
Owner Name:		AHERN RENTALS

Actual:
20 ft.

AHERN RENTALS (Continued) **1024859794**

Owner Type:	Other
Operator Name:	DAVID W FAIRCLOTH
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

AHERN RENTALS (Continued) **1024859794**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHERN RENTALS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 MINERAL AVE
Owner/Operator City,State,Zip:	LAS VEGAS, NV 89106
Owner/Operator Telephone:	702-631-4250
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID W FAIRCLOTH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 MINERAL AVE
Owner/Operator City,State,Zip:	LAS VEGAS, NV 89106
Owner/Operator Telephone:	702-631-4250
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20170503
Handler Name: AHERN RENTALS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	532412
NAICS Description:	CONSTRUCTION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B45 **SAMTRANS VACANT** **LUST** **S102436291**
North **196 PRODUCE** **Cortese** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.025 mi. **CERS**
130 ft. **Site 6 of 8 in cluster B**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:

Name:	SAM TRANS (VACANT)
Address:	196 PRODUCE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550024
Facility Status:	9- Case Closed
Global ID:	T0608100436
APN Number:	Not reported
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	SAM TRANS (VACANT)
Address:	196 PRODUCE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100436
Global Id:	T0608100436
Latitude:	37.647138
Longitude:	-122.407803
Status:	Completed - Case Closed
Status Date:	04/10/2000
Case Worker:	JM
RB Case Number:	41-0460
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550024
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100436
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100436
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

SAMTRANS VACANT (Continued) **S102436291**

LUST:
Global Id: T0608100436
Action Type: Other
Date: 10/09/1985
Action: Leak Discovery

Global Id: T0608100436
Action Type: ENFORCEMENT
Date: 01/26/1989
Action: Notice of Responsibility - #1

Global Id: T0608100436
Action Type: Other
Date: 06/24/1988
Action: Leak Reported

Global Id: T0608100436
Action Type: REMEDIATION
Date: 10/18/1988
Action: Excavation

LUST:
Global Id: T0608100436
Status: Open - Case Begin Date
Status Date: 10/09/1985

Global Id: T0608100436
Status: Completed - Case Closed
Status Date: 04/10/2000

CORTESE:
Name: SAM TRANS (VACANT)
Address: 196 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100436
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

SAMTRANS VACANT (Continued) **S102436291**

HIST CORTESE:

edr_fname:	SAMTRANS VACANT
edr_fadd1:	196 PRODUCE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0460

CERS:

Name:	SAM TRANS (VACANT)
Address:	196 PRODUCE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	236342
CERS ID:	T0608100436
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

B46 **SAN MATEO COUNTY TRANSIT DIST** **LUST** **S103472872**
North **196 PRODUCE** **San Mateo Co. BI** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.025 mi.
130 ft. **Site 7 of 8 in cluster B**

Relative:
Higher

Actual:
21 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550024
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported

SAN MATEO COUNTY TRANSIT DIST (Continued) **S103472872**

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: SAN MATEO COUNTY TRANSIT DIST
Address: 196 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0023211
Prog Element Code: GEN 6-25 TONS HAZ WASTE/YR
Record Id: PR0026655
Description: GEN 6-25 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

B47 **BARRETT LARRY INC** **EDR Hist Auto** **1020217949**
North **196 PRODUCE** **N/A**
< 1/8 **S SN FRANCSCO, CA 94080**
0.025 mi.
130 ft. **Site 8 of 8 in cluster B**

Relative: EDR Hist Auto
Higher

Actual:
21 ft.

Year:	Name:	Type:
1971	BARRETT LARRY INC	Gasoline Service Stations
1973	OPEN ROAD INDUSTRIES INC CALIF	Recreational Vehicle Dealers
1974	OPEN ROAD INDUSTRIES INC CALIF	Recreational Vehicle Dealers
1975	OPEN ROAD INDUSTRIES INC CALIF	Recreational Vehicle Dealers
1976	OPEN ROAD INDUSTRIES INC CAL	Recreational Vehicle Dealers

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C48 **MCLELLAN** **RCRA-SQG** **1000205074**
South **257 SHAW RD** **HIST UST** **CAD982011348**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **FINDS**
0.025 mi. **ECHO**
132 ft. **Site 5 of 6 in cluster C**

Relative: RCRA-SQG:
Lower

Actual:
20 ft.

Date Form Received by Agency: 19870706
Handler Name: MCLELLAN
Handler Address: 257 SHAW RD
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAD982011348
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 257 SHAW RD
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 415-873-8100
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Other
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

MCLELLAN (Continued) **1000205074**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	257 SHAW RD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	D MCLELLAN
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

MCLELLAN (Continued) **1000205074**

Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	D MCLELLAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19870706
Handler Name: MCLELLAN	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336211
NAICS Description:	MOTOR VEHICLE BODY MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

MCLELLAN (Continued) **1000205074**

Evaluation Action Summary:
Evaluations: No Evaluations Found

HIST UST:

Name:	MCLELLAN EQUIPMENT INC
Address:	251 SHAW ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C038
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C038.pdf
Region:	STATE
Facility ID:	00000008484
Facility Type:	Other
Other Type:	MFG
Contact Name:	DALE MCLELLAN
Telephone:	4158738100
Owner Name:	MCLELLAN EQUIPMENT, INC.
Owner Address:	251 SHAW ROAD
Owner City,St,Zip:	SO. SAN FRANCISCO, CA 94080
Total Tanks:	0001
Tank Num:	001
Container Num:	D1000
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	12
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

FINDS:
Registry ID: 110002775747

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000205074
Registry ID:	110002775747
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002775747
Name:	MCLELLAN
Address:	257 SHAW RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

D49 **HEAT & CONTROL INC** **San Mateo Co. BI** **S117398182**
SSW **225 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.034 mi.
177 ft. **Site 1 of 9 in cluster D**

Relative: **Higher**

Actual: **22 ft.**

San Mateo Co. BI:

Name:	HEAT & CONTROL INC
Address:	225 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017903
Prog Element Code:	STORES HAZ MAT <6999 GAL, 55999 LB, 2799FT^3
Record Id:	PR0004416
Description:	STORES HAZ MAT <6999 GAL, 55999 LB, 2799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	HEAT & CONTROL INC
Address:	225 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017903
Prog Element Code:	GEN <1 TONS HAZ WASTE/YR
Record Id:	PR0024271
Description:	GEN <1 TONS HAZ WASTE/YR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	GIANNINI GARDEN ORNAMENTS INC
Address:	225 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027612
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0044302
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	GIANNINI GARDEN ORNAMENTS INC
Address:	225 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027612
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0044301
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

D50 **GIANNINI GARDEN ORNAMENTS INC** **CERS HAZ WASTE** **S113126069**
SSW **225 SHAW RD** **HAZNET** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.034 mi. **HWTS**
177 ft. **Site 2 of 9 in cluster D**

Relative: Higher

Actual: 22 ft.

CERS HAZ WASTE:
Name: GIANNINI GARDEN ORNAMENTS INC
Address: 225 SHAW RD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 119425
CERS ID: 10068403
CERS Description: Hazardous Waste Generator

HAZNET:
Name: GIANNINI GARDEN ORNAMENTS INC
Address: 225 SHAW RD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940806605
Contact: PIERA GIANNINI
Telephone: 6508734493
Mailing Name: Not reported
Mailing Address: 225 SHAW RD

Year: 2018
Gepaid: CAL000269373
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.07500

Year: 2017
Gepaid: CAL000269373
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.125

Year: 2016
Gepaid: CAL000269373
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.06

Year: 2015
Gepaid: CAL000269373
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.125

Year: 2014
Gepaid: CAL000269373
TSD EPA ID: CAD097030993

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.225

Year: 2013
Gepaid: CAL000269373
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.135

Year: 2012
Gepaid: CAL000269373
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1

Year: 2011
Gepaid: CAL000269373
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.125

Year: 2010
Gepaid: CAL000269373
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1

Year: 2008
Gepaid: CAL000269373
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1

Click this hyperlink while viewing on your computer to access
9 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2011
Gen EPA ID: CAL000269373

Shipment Date: 20110810
Creation Date: 10/19/2011 18:30:23
Receipt Date: 20110816
Manifest ID: 004153688FLE

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000269373
Shipment Date:	20120424
Creation Date:	6/27/2012 20:30:19
Receipt Date:	20120501
Manifest ID:	005158113FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000269373
Shipment Date:	20070807
Creation Date:	4/21/2008 10:29:21

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Receipt Date:	20070809
Manifest ID:	001737749JJK
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070807
Creation Date:	4/21/2008 10:29:21
Receipt Date:	20070809
Manifest ID:	001737749JJK
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070327
Creation Date:	8/23/2007 18:30:47
Receipt Date:	20070405
Manifest ID:	002045112JJK
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070123
Creation Date:	8/9/2007 18:30:32
Receipt Date:	20070201
Manifest ID:	002045769JJK
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070123
Creation Date:	8/9/2007 18:30:32
Receipt Date:	20070201
Manifest ID:	002045769JJK
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000269373
Shipment Date:	20130220
Creation Date:	4/22/2013 22:15:05
Receipt Date:	20130226
Manifest ID:	005003138FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130220
Creation Date:	4/22/2013 22:15:05
Receipt Date:	20130226
Manifest ID:	005003138FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.085
Waste Quantity:	170
Quantity Unit:	P

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000269373
Shipment Date:	20051220
Creation Date:	3/22/2006 18:32:18
Receipt Date:	20051223
Manifest ID:	24772540
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051220
Creation Date:	3/22/2006 18:32:18
Receipt Date:	20051223
Manifest ID:	24772540
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Shipment Date:	20050907
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20050916
Manifest ID:	24768046
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050907
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20050916
Manifest ID:	24768046
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050614
Creation Date:	10/13/2005 18:31:00
Receipt Date:	20050621
Manifest ID:	24565216
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050614
Creation Date:	10/13/2005 18:31:00
Receipt Date:	20050621
Manifest ID:	24565216
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050310
Creation Date:	6/2/2005 18:31:52
Receipt Date:	20050316
Manifest ID:	24137461
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050310
Creation Date:	6/2/2005 18:31:52
Receipt Date:	20050316
Manifest ID:	24137461
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000269373
Shipment Date:	20061011
Creation Date:	3/30/2007 13:32:41
Receipt Date:	20061019
Manifest ID:	000417724JJK
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Additional Code 5:	Not reported
Shipment Date:	20060711
Creation Date:	9/17/2006 18:31:02
Receipt Date:	20060714
Manifest ID:	25064302
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060411
Creation Date:	8/11/2006 18:33:33
Receipt Date:	20060418
Manifest ID:	24565084
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000269373
Shipment Date:	20170712
Creation Date:	5/20/2018 18:32:00
Receipt Date:	20170718

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Manifest ID:	010404811FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000269373
Shipment Date:	20150416
Creation Date:	8/31/2015 22:15:24
Receipt Date:	20150421
Manifest ID:	007879390FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150416
Creation Date:	8/31/2015 22:15:24
Receipt Date:	20150421
Manifest ID:	007879390FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000269373
Shipment Date:	20080318
Creation Date:	5/21/2008 18:30:28
Receipt Date:	20080327
Manifest ID:	004101720JJK
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080318
Creation Date:	5/21/2008 18:30:28
Receipt Date:	20080327
Manifest ID:	004101720JJK
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000269373
Shipment Date:	20041215
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20041222
Manifest ID:	24036979
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041215
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20041222
Manifest ID:	24036979
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040929
Creation Date:	12/31/2004 18:30:54
Receipt Date:	20041001
Manifest ID:	24045772
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040929
Creation Date:	12/31/2004 18:30:54
Receipt Date:	20041001
Manifest ID:	24045772
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Additional Code 5:	Not reported
Shipment Date:	20040715
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040723
Manifest ID:	23836625
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040526
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040604
Manifest ID:	23836403
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040526
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040604
Manifest ID:	23836403
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040309
Creation Date:	10/1/2004 18:31:09
Receipt Date:	20040316
Manifest ID:	23404440
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000269373

Shipment Date:	20031222
Creation Date:	8/19/2004 11:23:00
Receipt Date:	20031229
Manifest ID:	22755702
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031029
Creation Date:	8/9/2004 8:46:56
Receipt Date:	20031103
Manifest ID:	20818785
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030701
Creation Date:	7/23/2004 13:22:40
Receipt Date:	20030707
Manifest ID:	22401405
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030507
Creation Date:	6/22/2004 9:47:57
Receipt Date:	20030509
Manifest ID:	22565925
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000269373
Shipment Date:	20140423
Creation Date:	6/18/2014 22:14:38
Receipt Date:	20140429
Manifest ID:	006937111FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140423

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Creation Date:	6/18/2014 22:14:38
Receipt Date:	20140429
Manifest ID:	006937111FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000269373

Shipment Date:	20100721
Creation Date:	9/30/2010 18:30:40
Receipt Date:	20100727
Manifest ID:	002889736FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000269373

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Shipment Date:	20150416
Creation Date:	8/31/2015 22:15:24
Receipt Date:	20150421
Manifest ID:	007879390FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150416
Creation Date:	8/31/2015 22:15:24
Receipt Date:	20150421
Manifest ID:	007879390FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	GIANNINI GARDEN ORNAMENTS INC
Address:	225 SHAW RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	119425
CERS ID:	10068403
CERS Description:	Chemical Storage Facilities

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Violations:

Site ID:	119425
Site Name:	GIANNINI GARDEN ORNAMENTS INC
Violation Date:	07-16-2015
Citation:	22 CCR 15 66265.32 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.32
Violation Description:	Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes:	Returned to compliance on 08/18/2015. No decontamination eye wash for the acids being handled.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	119425
Site Name:	GIANNINI GARDEN ORNAMENTS INC
Violation Date:	09-09-2021
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 09/24/2021. OBSERVATION: Emergency phone numbers and location of emergency equipment not observed to be posted. REQUIRED ACTION: Complete the template provided and post it near phones or in posting area. Submit evidence of completion to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	119425
Site Name:	GIANNINI GARDEN ORNAMENTS INC
Violation Date:	09-09-2021
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/21/2021. UNDETERMINED OBSERVATION: The following drums of potential hazardous material were observed and evaluated today. - 200 proof Ethanol added to inventory. - Sika 2110 is likely a higher reporting threshold material with no GHS hazards listed by the manufacturer (approx. 110 gallons max on site,

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

observed). - Sitka Ae-3 is less than 55 gal. Drum clearly states 51 gallons. - Acid Magic: SDS not available during inspection. REQUIRED ACTION: Submit a copy of the SDS to Env. Health for Acid Magic. If it is stored at over 55-gallons, add a new chemical inventory page for that material to the hazardous materials business plan package and then resubmit. Complete this submission within 30 days.

Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 01-20-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-19-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: certified hmbp
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-30-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-17-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Eval Date:	07-26-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous materials above threshold: Propane- 32 gallons
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-26-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous waste streams generated: Spray booth filters
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-09-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Modified inspection procedure used. Met with Piera Giannini Scope of the inspection: Indoor storage, painting, and material mixing in the back. Outdoor storage areas. Areas where waste is generated and located: Paint spray area. Facility operations: Garden ornament factory, painting, and sales. EPA ID Active: Yes. https://hwts.dtsc.ca.gov/facility/CAL000269373 EVQ FOR 2021 completed. Manifests available: 1 manifest per year before 2018. No manifests provided during the inspection. Training: Continue to train employees in hazardous waste management. Please attend one of the free hazardous waste classes for small quantity generators provided by the SMC Env. Health every other month. Posted emergency procedures reviewed during the inspection. Please post this form near the phone or in a posting area. Inspection: No hazardous waste currently accumulated on site. Items marked N/A. Spill kit: Continue to ensure adequate spill absorbent [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-18-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-05-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Re-review
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Eval General Type:	Other/Unknown
Eval Date:	12-22-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	04-10-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	look up contatcs and touch base and correct in EC
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	01-13-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	02-17-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	approved
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-09-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Modified inspection procedures. Met with Pier and Piera Giannini. HMBP Last submitted 2/5/21 and updated during inspection. HMBP copy is available on site in the binder. Emergency contacts verified on site. HMBP training: Observed documented on site. Facility operator and property owner are the same. Note: Facility asked to determine if they required 55 or more gallons of the additional hazardous materials noted today. The current program category (PE) only allows for storage of motor vehicle fuel and waste and facility will be moved into the next higher PE during the next evaluation if the inventory stays the same.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2017
Violations Found:	No

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Changing storage quantity for program element to 2160. Lower quantity of storage.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-16-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-16-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	119425
Facility Name:	GIANNINI GARDEN ORNAMENTS INC
Env Int Type Code:	HWG
Program ID:	10068403
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	37.641880
Longitude:	-122.409042

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	GIANNINI, MARINO
Entity Title:	Not reported
Affiliation Address:	225 SHAW
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 873-4493,
Affiliation Type Desc:	Document Preparer

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Entity Name:	Pier Luigi Giannini
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	225 SHAW RD
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Pier Luigi Giannini
Entity Title:	Not reported
Affiliation Address:	225 Shaw Rd
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Pier Luigi Giannini
Entity Title:	Operations Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Giannini Garden Ornaments, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

GIANNINI GARDEN ORNAMENTS INC (Continued) **S113126069**

Affiliation Phone:	(650) 873-4493,
Affiliation Type Desc:	Parent Corporation
Entity Name:	GIANNINI GARDEN ORNAMENTS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	GIANNINI GARDEN ORNAMENTS INC
Address:	225 SHAW RD
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806605
EPA ID:	CAL000269373
Inactive Date:	Not reported
Create Date:	04/22/2003
Last Act Date:	07/11/2020
Mailing Name:	Not reported
Mailing Address:	225 SHAW RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806605
Owner Name:	GIANNINI GARDEN ORNAMENTS INC
Owner Address:	225 SHAW RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806605
Contact Name:	PIERA GIANNINI
Contact Address:	225 SHAW RD
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

NAICS:

EPA ID:	CAL000269373
Create Date:	2003-04-22 14:37:51.593
NAICS Code:	453998
NAICS Description:	All Other Miscellaneous Store Retailers (except Tobacco Stores)
Issued EPA ID Date:	2003-04-22 14:37:51.56000
Inactive Date:	Not reported
Facility Name:	GIANNINI GARDEN ORNAMENTS INC
Facility Address:	225 SHAW RD
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940806605

D51 **GIANNINI GARDEN ORNAMENTS INC** **RCRA NonGen / NLR** **1024806516**
SSW **225 SHAW RD** **CAL000269373**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.034 mi.
177 ft. **Site 3 of 9 in cluster D**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20030422
Handler Name:	GIANNINI GARDEN ORNAMENTS INC
Handler Address:	225 SHAW RD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6605
EPA ID:	CAL000269373
Contact Name:	PIERA GIANNINI
Contact Address:	225 SHAW RD
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-873-4493
Contact Fax:	650-873-4934
Contact Email:	PIERLUIGI@GIANNINIGARDEN.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	225 SHAW RD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6605
Owner Name:	GIANNINI GARDEN ORNAMENTS INC
Owner Type:	Other
Operator Name:	PIERA GIANNINI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

GIANNINI GARDEN ORNAMENTS INC (Continued) **1024806516**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERA GIANNINI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	225 SHAW RD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-873-4493
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GIANNINI GARDEN ORNAMENTS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	225 SHAW RD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6605
Owner/Operator Telephone:	650-873-4493
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GIANNINI GARDEN ORNAMENTS INC (Continued) **1024806516**

Historic Generators:
- Receive Date: 20030422
- Handler Name: GIANNINI GARDEN ORNAMENTS INC
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 453998
- NAICS Description: ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT TOBACCO STORES)

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

E52 **RC & A PRINTING & PUBLISHING** **San Mateo Co. BI** **S117397465**
WNW **1364 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.038 mi.
202 ft. **Site 1 of 22 in cluster E**

Relative: **Higher**

Actual: **21 ft.**

San Mateo Co. BI:
- Name: RC & A PRINTING & PUBLISHING
- Address: 1364 SAN MATEO
- City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Region: SAN MATEO
- Facility ID: FA0011778
- Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
- Record Id: PR0026204
- Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
- Facility Status: Inactive, non-billable
- Program Category: HAZARDOUS WASTE PROGRAM

- Name: RC & A PRINTING & PUBLISHING
- Address: 1364 SAN MATEO
- City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Region: SAN MATEO
- Facility ID: FA0011778
- Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
- Record Id: PR0004457
- Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
- Facility Status: Inactive, non-billable
- Program Category: BUSINESS PLAN PROGRAM

- Name: SHASTA PRODUCE
- Address: 1364 SAN MATEO

RC & A PRINTING & PUBLISHING (Continued) **S117397465**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0037710
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0054698
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

F53 **PEKING HANDICRAFT** **LUST** **S102435056**
NW **1388 SAN MATEO** **Cortese** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.039 mi. **CERS**
208 ft. **Site 1 of 5 in cluster F**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:

Name:	PEKING HANDICRAFT
Address:	1388 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550141
Facility Status:	9- Case Closed
Global ID:	T0608100837
APN Number:	015114530
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	PEKING HANDICRAFT
Address:	1388 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100837
Global Id:	T0608100837
Latitude:	37.645449
Longitude:	-122.409562
Status:	Completed - Case Closed
Status Date:	08/18/1998
Case Worker:	JM
RB Case Number:	41-0908
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550141
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100837
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

PEKING HANDICRAFT (Continued) **S102435056**

Global Id: T0608100837
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100837
Action Type: Other
Date: 04/05/1995
Action: Leak Discovery

Global Id: T0608100837
Action Type: ENFORCEMENT
Date: 04/17/1995
Action: Notice of Responsibility - #1

Global Id: T0608100837
Action Type: Other
Date: 04/05/1995
Action: Leak Reported

LUST:
Global Id: T0608100837
Status: Open - Case Begin Date
Status Date: 04/05/1995

Global Id: T0608100837
Status: Completed - Case Closed
Status Date: 08/18/1998

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550141
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: PEKING HANDICRAFT
Address: 1388 SAN MATEO

PEKING HANDICRAFT (Continued) **S102435056**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100837
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	PEKING HANDICRAFT
edr_fadd1:	1388 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0908

CERS:

Name:	PEKING HANDICRAFT
Address:	1388 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	254136
CERS ID:	T0608100837
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA

PEKING HANDICRAFT (Continued) **S102435056**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

G54 **LUBRIVAN TRUCK SERVICES** **LUST** **1000363103**
WSW **1320 SAN MATEO** **Cortese** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.040 mi. **CERS**
209 ft. **Site 1 of 11 in cluster G**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:
Name: LUBRIVAN TRUCK SERVICES
Address: 1320 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550061
Facility Status: 9- Case Closed
Global ID: T0608100312
APN Number: 015114010
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: LUBRIVAN TRUCK SERVICES
Address: 1320 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100312
Global Id: T0608100312
Latitude: 37.642795181
Longitude: -122.410925
Status: Completed - Case Closed
Status Date: 03/07/2003
Case Worker: JM
RB Case Number: 41-0327
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550061
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100312
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100312
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP

LUBRIVAN TRUCK SERVICES (Continued) **1000363103**

Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100312
Action Type: Other
Date: 06/17/1986
Action: Leak Discovery

Global Id: T0608100312
Action Type: ENFORCEMENT
Date: 05/12/1987
Action: Notice of Responsibility - #1

Global Id: T0608100312
Action Type: ENFORCEMENT
Date: 03/07/2003
Action: Closure/No Further Action Letter - #2

Global Id: T0608100312
Action Type: Other
Date: 05/14/1987
Action: Leak Reported

Global Id: T0608100312
Action Type: REMEDIATION
Date: 03/12/1992
Action: Excavation

LUST:
Global Id: T0608100312
Status: Open - Case Begin Date
Status Date: 06/17/1986

Global Id: T0608100312
Status: Open - Verification Monitoring
Status Date: 06/17/1986

Global Id: T0608100312
Status: Completed - Case Closed
Status Date: 03/07/2003

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550061
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported

LUBRIVAN TRUCK SERVICES (Continued) **1000363103**

Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/1/1965

CORTESE:
Name: LUBRIVAN TRUCK SERVICES
Address: 1320 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100312
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: LUBRIVAN TRUCK SERVICES
edr_fadd1: 1320 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0327

CERS:
Name: LUBRIVAN TRUCK SERVICES
Address: 1320 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 234496
CERS ID: T0608100312
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA

LUBRIVAN TRUCK SERVICES (Continued) **1000363103**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

E55 **STATIC NINE GARAGE** **San Mateo Co. BI** **S117398747**
West **1350 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.041 mi.
218 ft. **Site 2 of 22 in cluster E**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	STATIC NINE GARAGE
Address:	1350 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0052615
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0072935
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	STATIC NINE GARAGE
Address:	1350 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0052615
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0072937
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	SB GARAGE
Address:	1350 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0057517
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0079809
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	SB GARAGE
Address:	1350 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

STATIC NINE GARAGE (Continued) **S117398747**

Region:	SAN MATEO
Facility ID:	FA0057517
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0079808
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

E56 **SB GARAGE LLC** **CERS HAZ WASTE** **S124441335**
West **1350 SAN MATEO AVE** **CERS** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.041 mi.
218 ft. **Site 3 of 22 in cluster E**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	SB GARAGE LLC
Address:	1350 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	549108
CERS ID:	10764181
CERS Description:	Hazardous Waste Generator

CERS:

Name:	SB GARAGE LLC
Address:	1350 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	549108
CERS ID:	10764181
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	549108
Site Name:	SB GARAGE LLC
Violation Date:	09-25-2020
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 09/25/2020. Facility had an open 5 gallon bucket of used oil outside behind the shop. This was corrected and dumped into the used oil tank during the inspection. No further follow up is needed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	549108
Site Name:	SB GARAGE LLC
Violation Date:	09-25-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

SB GARAGE LLC (Continued) **S124441335**

Violation Notes:	Facility HMBP was due in April 2020, however the facility has not submitted the report as of yet. Please submit within 30 days. Rep said his password needs to be reset.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	549108
Site Name:	SB GARAGE LLC
Violation Date:	09-25-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	the oil drums and more detail of hazmat storage and emergency information need to be present on teh map, including emergency exits, emergency equipment, and hazardous materials / hazardous waste storage.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	549108
Site Name:	SB GARAGE LLC
Violation Date:	09-25-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Environmental contatct info is out of date. Facility environmental email address is INACTIVE. Change in HMBP to correct email address.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	549108
Site Name:	SB GARAGE LLC
Violation Date:	08-07-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/31/2019. Place hazardous waste labels on the hazardous waste containers outside. Keep closed while not actively adding waste.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	549108
Site Name:	SB GARAGE LLC
Violation Date:	08-08-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

SB GARAGE LLC (Continued) **S124441335**

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 01/31/2019. Facility was taken out of HMBP program during ownership change in an error transferring the account. Jorge was notified of this and that he would be required to complete the HMBP and re-certify for 2018. He already has an account in the portal.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 07-15-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-25-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-30-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: onsite to assist facility with HMBP
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-08-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

SB GARAGE LLC (Continued) **S124441335**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-25-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility requested names of other waste haulers for used oil, etc. SMc provided several names including Big Sky, sacramento oil, DK Dixon, and World Oil.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	04-12-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP assistance and completion for approval
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-07-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Enforcement Action:

Site ID:	549108
Site Name:	SB GARAGE LLC
Site Address:	1350 SAN MATEO AVE
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	12-17-2018
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV letter recived 12/18/2018. 1/22/19: HMBP & labeling violations open COntacted facility for follow up and let them know possible AEO is an option if they cannot close violations. 1/25/19 4/8/19:: No violations open in dispatch center NOV RESOLVED.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,

Site ID:	549108
Site Name:	SB GARAGE LLC
Site Address:	1350 SAN MATEO AVE
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	12-17-2018
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV letter recived 12/18/2018. 1/22/19: HMBP & labeling violations open COntacted facility for follow up and let them know possible AEO is an option if they cannot close violations. 1/25/19 4/8/19:: No

SB GARAGE LLC (Continued) **S124441335**

violations open in dispatch center NOV RESOLVED.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1350 SAN MATEO AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Ariel Salazar
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 588-4300,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Parent Corporation
Entity Name: SB GARAGE LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: ariel salazar
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact

SB GARAGE LLC (Continued) **S124441335**

Entity Name:	Ariel Salazar
Entity Title:	Not reported
Affiliation Address:	1350 san mateo ave
Affiliation City:	south san francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	ariel salazar
Entity Title:	ariel salazar
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	SALAZAR, ARIEL
Entity Title:	Not reported
Affiliation Address:	1350 SAN MATEO AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-4300,

E57 **SB GARAGE LLC** **San Mateo Co. BI** **S121700856**
West **1350 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.041 mi.
218 ft. **Site 4 of 22 in cluster E**

Relative: **Higher**

Actual: **21 ft.**

San Mateo Co. BI:

Name:	SB GARAGE LLC
Address:	1350 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0063377
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0087536
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	SB GARAGE LLC
Address:	1350 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0063377
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0086236
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

E58 **SBGARAGE LLC** **RCRA NonGen / NLR** **1024848660**
West **1350 SAN MATEO AVE** **CAL000404469**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.041 mi.
218 ft. **Site 5 of 22 in cluster E**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150213
Handler Name:	SBGARAGE LLC	
Handler Address:		1350 SAN MATEO AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAL000404469
Contact Name:		JORGE SALAZAR
Contact Address:		1350 SAN MATEO AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		650-588-4300
Contact Fax:		650-588-4300
Contact Email:		ARIEL@SB-GARAGE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1350 SAN MATEO AVE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		JASON REESE
Owner Type:		Other
Operator Name:		JORGE SALAZAR
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SBGARAGE LLC (Continued) **1024848660**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JASON REESE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	750 GONZALEZ DRIVE
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94132
Owner/Operator Telephone:	415-378-6029
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JORGE SALAZAR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1350 SAN MATEO AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-4300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SBGARAGE LLC (Continued) **1024848660**

Historic Generators:
Receive Date: 20150213
Handler Name: SBGARAGE LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E59 **PACIFIC BELL** **RCRA NonGen / NLR** **1000250654**
NW **1384 SAN MATEO AVE** **FINDS** **CAD981162209**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.042 mi.
223 ft. **Site 6 of 22 in cluster E**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 19970902
Handler Name: PACIFIC BELL
Handler Address: 1384 SAN MATEO AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAD981162209
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 1384 SAN MATEO AVE
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 213-738-8454
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Other
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 370 THIRD ST, ROOM 600G
Mailing City,State,Zip: SAN FRANCISCO, CA 94107
Owner Name: PACIFIC BELL

PACIFIC BELL (Continued) **1000250654**

Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

PACIFIC BELL (Continued) **1000250654**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PACIFIC BELL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: PACIFIC BELL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19851106
Handler Name: PACIFIC BELL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970902

PACIFIC BELL (Continued) **1000250654**

Handler Name: PACIFIC BELL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002678987

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000250654
Registry ID: 110002678987
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002678987
Name: PACIFIC BELL
Address: 1384 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

H60 **CORPORATE IDENTITY SYSTEMS** **San Mateo Co. BI** **S117397482**
West **1342 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.043 mi.
228 ft. **Site 1 of 6 in cluster H**

Relative: **Higher**
Actual: **22 ft.**

San Mateo Co. BI:
Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO

CORPORATE IDENTITY SYSTEMS (Continued) **S117397482**

Facility ID:	FA0012010
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004473
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0012010
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0024208
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

H61 **CORPORATE IDENTITY SYSTEMS** **RCRA-LQG 1001959935**
West **1342 SAN MATEO AVE** **EMI CAR000066506**
< 1/8 **S SAN FRANCISCO, CA 94080**
0.043 mi.
228 ft. **Site 2 of 6 in cluster H**

Relative: **Higher**

Actual: **22 ft.**

RCRA-LQG:

Date Form Received by Agency:	20201102
Handler Name:	CORPORATE IDENTITY SYSTEMS
Handler Address:	1342 SAN MATEO AVE
Handler City,State,Zip:	S SAN FRANCISCO, CA 94080
EPA ID:	CAR000066506
Contact Name:	DOUGLAS SAMORA
Contact Address:	1342 SAN MATEO AVE
Contact City,State,Zip:	S SAN FRANCISCO, CA 94080
Contact Telephone:	650-877-8000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2019
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1342 SAN MATEO AVE
Mailing City,State,Zip:	S SAN FRANCISCO, CA 94080
Owner Name:	CORPORATE IDENTITY SYS CORP
Owner Type:	Private
Operator Name:	CORPORATE IDENTITY SYS CORP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201102
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CORPORATE IDENTITY SYS CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1342 SAN MATEO AVE
Owner/Operator City,State,Zip: S SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 650-877-8000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CORPORATE IDENTITY SYS CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1342 SAN MATEO AVE
Owner/Operator City,State,Zip: S SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 650-877-8000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CORPORATE IDENTITY SYS CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1342 SAN MATEO AVE
Owner/Operator City,State,Zip: S SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 650-877-8000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20201102
Handler Name: CORPORATE IDENTITY SYSTEMS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20000224
Handler Name:	CORPORATE IDENTITY SYSTEMS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541430
NAICS Description:	GRAPHIC DESIGN SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

EMI:

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Year: 2003
County Code: 41
Air Basin: SF
Facility ID: 10640
Air District Name: BA
SIC Code: 7336
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Year: 2004
County Code: 41
Air Basin: SF
Facility ID: 10640
Air District Name: BA
SIC Code: 7336
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.006
Reactive Organic Gases Tons/Yr: 0.9073644
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Year: 2005
County Code: 41
Air Basin: SF
Facility ID: 10640
Air District Name: BA
SIC Code: 7336
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.006
Reactive Organic Gases Tons/Yr: 1.0033422

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: .002
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Year: 2006
County Code: 41
Air Basin: SF
Facility ID: 10640
Air District Name: BA
SIC Code: 7336
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.207
Reactive Organic Gases Tons/Yr: 1.203954
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Year: 2007
County Code: 41
Air Basin: SF
Facility ID: 10640
Air District Name: BA
SIC Code: 7336
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.207
Reactive Organic Gases Tons/Yr: 1.203954
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: .002
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Year: 2008
County Code: 41
Air Basin: SF
Facility ID: 10640
Air District Name: BA
SIC Code: 7336
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.207
Reactive Organic Gases Tons/Yr: 1.203954
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Year: 2009
County Code: 41
Air Basin: SF
Facility ID: 10640
Air District Name: BA
SIC Code: 7336
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.1699999999999999
Reactive Organic Gases Tons/Yr: 1.1608712000000001
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Year: 2010
County Code: 41
Air Basin: SF
Facility ID: 10640
Air District Name: BA
SIC Code: 7336
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.97899999999999998
Reactive Organic Gases Tons/Yr: 0.97201300000000002
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CORPORATE IDENTITY SYSTEMS
Address: 1342 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Year: 2011
County Code: 41
Air Basin: SF
Facility ID: 10640
Air District Name: BA

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.979
Reactive Organic Gases Tons/Yr:	0.972013
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.979
Reactive Organic Gases Tons/Yr:	0.972013
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.979
Reactive Organic Gases Tons/Yr:	0.972013
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2014
County Code:	41

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.95984909
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2015
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.455797285
Reactive Organic Gases Tons/Yr:	0.455797265
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2016
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.455797326
Reactive Organic Gases Tons/Yr:	0.4510599631
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE

CORPORATE IDENTITY SYSTEMS (Continued) **1001959935**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2017
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.455797326
Reactive Organic Gases Tons/Yr:	0.4510599631
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2018
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.562470014
Reactive Organic Gases Tons/Yr:	0.55692108644
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2019
County Code:	41
Air Basin:	SF
Facility ID:	10640
Air District Name:	BA
SIC Code:	7336
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.257699499
Reactive Organic Gases Tons/Yr:	0.24288633204
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

H62 **CORPORATE IDENTITY SYSTEMS** **CERS HAZ WASTE** **S121752691**
West **1342 SAN MATEO AVE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.043 mi.
228 ft. **Site 3 of 6 in cluster H**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:

Name:	CORPORATE IDENTITY SYSTEMS
Address:	1342 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	21806
CERS ID:	10064776
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	21806
Site Name:	CORPORATE IDENTITY SYSTEMS
Violation Date:	07-20-2017
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 07/20/2017. Open funnel on hazardous waste drum was observed. This was corrected onsite. Keep waste container closed when not in use.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-24-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	07-31-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	unabe to complete the inspection today as doug had to leave and go to the doctor, will finish with document review tomorrow.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	08-02-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	approved
Eval Division:	San Mateo County Environmental Health

CORPORATE IDENTITY SYSTEMS (Continued) **S121752691**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: changing permit status
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-08-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: permit modified
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: ink, rags, empty ink bottles. Waste ink is stored in a 27 gallon container. The 55 gallon drum is used to store empty ink bottle. Although it is a 55 gallon drum but the weight is below reportable quantity to warrant a HMBP submission.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

CORPORATE IDENTITY SYSTEMS (Continued) **S121752691**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-25-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-07-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 21806
Facility Name: CORPORATE IDENTITY SYSTEMS
Env Int Type Code: HWG
Program ID: 10064776
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.643578
Longitude: -122.410072

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: douglas samora
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

CORPORATE IDENTITY SYSTEMS (Continued) **S121752691**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: douglas samora
Entity Title: Not reported
Affiliation Address: 1342 san mateo ave
Affiliation City: So san Francisco
Affiliation State: ca
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: VOMELA SPECIALTY CO INC
Entity Title: Not reported
Affiliation Address: 1342 SAN MATEO AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 877-8000,

Affiliation Type Desc: Operator
Entity Name: CORPORATE IDENTITY SYSTEMS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 877-8000,

Affiliation Type Desc: Parent Corporation
Entity Name: CORPORATE IDENTITY SYSTEMS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: douglas samora
Entity Title: supervisor
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported

CORPORATE IDENTITY SYSTEMS (Continued) **S121752691**

Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1342 SAN MATEO AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

E63 **GREENSTAR LAUNDRY & LINEN** **San Mateo Co. BI** **S117398746**
West **1352 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.044 mi.
233 ft. **Site 7 of 22 in cluster E**

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:

Name:	GREENSTAR LAUNDRY & LINEN
Address:	1352 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0052614
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0072933
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

E64 **MCNEVIN CLEANING SPECIALISTS** **RCRA-SQG** **1001023108**
WNW **1186 SAN MATEO AVE** **FINDS** **CAR000004663**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.046 mi. **EMI**
241 ft. **Site 8 of 22 in cluster E** **HAZNET**
CERS
Relative: **HWTS**
Higher

Actual:
22 ft.

RCRA-SQG:

Date Form Received by Agency:	19950802
Handler Name:	MCNEVIN CLEANING SPECIALISTS
Handler Address:	1186 SAN MATEO AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAR000004663
Contact Name:	GUY DAHLENBURG
Contact Address:	1186 SAN MATEO AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-952-7975
Contact Fax:	Not reported
Contact Email:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SAN MATEO AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	MCNEVIN CLEANING SPECIALISTS INC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCNEVIN CLEANING SPECIALISTS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1186 SAN MATEO AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-952-7975
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19950802
Handler Name: MCNEVIN CLEANING SPECIALISTS	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20040720
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110002907285

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001023108
Registry ID:	110002907285
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002907285
Name:	MCNEVIN CLEANING SPECIALISTS I
Address:	1186 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

EMI:

Name:	MCNEVIN CLEANING SPECIALISTS I
Address:	1186 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	9982
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MCNEVIN CLEANING SPECIALISTS I
Address:	1186 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	9982
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	MCNEVIN CLEANING SPECIALISTS I
Address:	1186 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	9982
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MCNEVIN CLEANING SPECIALISTS I
Address:	1186 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	9982
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MCNEVIN CLEANING SPECIALISTS I
Address:	1186 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	9982
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HAZNET:

Name:	MCNEVIN CLEANING SPECIALISTS
Address:	1186 SAN MATEO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact:	SALVADOR PLASCENCIA
Telephone:	6509527975
Mailing Name:	Not reported
Mailing Address:	1186 SAN MATEO AVE
Year:	2016
Gepaid:	CAR000004663
TSD EPA ID:	NED981723513
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.125
Year:	2015
Gepaid:	CAR000004663
TSD EPA ID:	NED981723513
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.2
Year:	2014
Gepaid:	CAR000004663
TSD EPA ID:	NED981723513
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.175
Year:	2013
Gepaid:	CAR000004663
TSD EPA ID:	TXD077603371
CA Waste Code:	352 - Other organic solids
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.1125
Year:	2013
Gepaid:	CAR000004663
TSD EPA ID:	NED981723513
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.15
Year:	2012
Gepaid:	CAR000004663
TSD EPA ID:	TXD077603371
CA Waste Code:	352 - Other organic solids
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.1

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Year: 2011
Gepaid: CAR000004663
TSD EPA ID: TXD077603371
CA Waste Code: 352 - Other organic solids
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.075

Year: 2010
Gepaid: CAR000004663
TSD EPA ID: TXD077603371
CA Waste Code: 352 - Other organic solids
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1

Year: 2009
Gepaid: CAR000004663
TSD EPA ID: TXD077603371
CA Waste Code: 352 - Other organic solids
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.125

Year: 2008
Gepaid: CAR000004663
TSD EPA ID: TXD077603371
CA Waste Code: 352 - Other organic solids
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.15

Click this hyperlink while viewing on your computer to access
11 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2013
Gen EPA ID: CAR000004663

Shipment Date: 20131024
Creation Date: 3/31/2014 22:15:09
Receipt Date: 20131115
Manifest ID: 003946449SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130219
Creation Date:	7/6/2013 22:15:13
Receipt Date:	20130304
Manifest ID:	003663077SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000004663
Shipment Date:	20150923
Creation Date:	5/4/2016 22:15:28
Receipt Date:	20151010
Manifest ID:	005032819SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	ARZ000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150603
Creation Date:	1/20/2016 22:15:07

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Receipt Date:	20150625
Manifest ID:	004787846SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000004663
Shipment Date:	20150923
Creation Date:	5/4/2016 22:15:28
Receipt Date:	20151010
Manifest ID:	005032819SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	ARZ000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150603
Creation Date:	1/20/2016 22:15:07
Receipt Date:	20150625
Manifest ID:	004787846SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Trans 2 Name: SLT
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAR000004663

Shipment Date: 20100416
Creation Date: 12/16/2010 18:30:46
Receipt Date: 20100510
Manifest ID: 003279763FLE
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAR000004663

Shipment Date: 20070822
Creation Date: 3/4/2008 18:30:41
Receipt Date: 20070907
Manifest ID: 000581411SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070312
Creation Date:	12/10/2007 18:30:24
Receipt Date:	20070326
Manifest ID:	000317555CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAR000004663

Shipment Date:	19981020
Creation Date:	12/8/1998 0:00:00
Receipt Date:	19981022
Manifest ID:	98564637
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980730
Creation Date:	10/20/1998 0:00:00
Receipt Date:	19980805
Manifest ID:	98185650
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980520
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980528
Manifest ID:	98006120
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980520
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980528
Manifest ID:	98006120
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980505
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980511
Manifest ID:	97364096
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAR000004663
Shipment Date:	20030326
Creation Date:	7/23/2004 9:17:57

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Receipt Date:	20030331
Manifest ID:	22338374
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAR000004663
Shipment Date:	20090619
Creation Date:	10/29/2009 18:30:09
Receipt Date:	20090706
Manifest ID:	001954729SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAR000004663
Shipment Date:	19971119
Creation Date:	7/23/1998 0:00:00

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Receipt Date:	19971121
Manifest ID:	97345187
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970509
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970513
Manifest ID:	96676629
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	210
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970509
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970513
Manifest ID:	96676629
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970314
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970319
Manifest ID:	96375590
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970314
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970319
Manifest ID:	96375590
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAR000004663
Shipment Date:	19991216
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991222
Manifest ID:	99530127
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990923
Creation Date:	12/16/1999 0:00:00
Receipt Date:	19990929
Manifest ID:	99070791
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990629

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Creation Date:	9/21/1999 0:00:00
Receipt Date:	19990701
Manifest ID:	99228996
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990409
Creation Date:	5/20/1999 0:00:00
Receipt Date:	19990413
Manifest ID:	98795444
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990112
Creation Date:	3/17/1999 0:00:00
Receipt Date:	19990118
Manifest ID:	98626277
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAR000004663

Shipment Date: 20120228
Creation Date: 8/22/2012 22:15:14
Receipt Date: 20120313
Manifest ID: 003175515SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAR000004663

Shipment Date: 20040226
Creation Date: 8/23/2004 8:11:36
Receipt Date: 20040316
Manifest ID: 23008689
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: CAT000624247
Trans 2 Name: MP ENVIRONMENTAL
TSDF EPA ID: KYD053348108
Trans Name: SAFETY-KLEEN SYSTEMS INC

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

TSDF Alt EPA ID: KYD053348108
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 1.668
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAR000004663

Shipment Date: 20061003
Creation Date: 7/13/2007 18:30:12
Receipt Date: 20061016
Manifest ID: 001821952JJK
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAR000004663

Shipment Date: 20081009
Creation Date: 2/20/2009 18:30:20
Receipt Date: 20081020
Manifest ID: 001282360SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080303
Creation Date: 8/7/2008 18:30:07
Receipt Date: 20080314
Manifest ID: 001025815SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAR000004663

Shipment Date: 20140918
Creation Date: 3/5/2015 22:15:08
Receipt Date: 20141010
Manifest ID: 004399907SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAR000004663
Shipment Date:	20001129
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001201
Manifest ID:	99661274
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001009
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001013
Manifest ID:	99661275
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000809
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000818
Manifest ID:	99810173
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000728
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000804
Manifest ID:	99810172
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000531
Creation Date:	8/14/2000 0:00:00
Receipt Date:	20000609
Manifest ID:	99810171
Trans EPA ID:	SCR000075150

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000501
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000505
Manifest ID:	99411643
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000419
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000428
Manifest ID:	99411717
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000121
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000126
Manifest ID:	99065451
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.39
Waste Quantity:	780
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000121
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000126
Manifest ID:	99065451
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Shipment Date:	20000121
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000126
Manifest ID:	99065451
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.52
Waste Quantity:	1040
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000004663

Shipment Date:	20110325
Creation Date:	9/13/2011 18:30:11
Receipt Date:	20110412
Manifest ID:	002587857SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAR000004663

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Shipment Date:	19960701
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960703
Manifest ID:	96258412
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960314
Creation Date:	10/4/1996 0:00:00
Receipt Date:	19960319
Manifest ID:	95959297
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	MCNEVIN CLEANING SPECIALISTS I
Address:	1186 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	133921
CERS ID:	110002907285
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

MCNEVIN CLEANING SPECIALISTS (Continued) **1001023108**

Affiliation Type Desc:	Environmental Contact
Entity Name:	GUY DAHLENBURG
Entity Title:	Not reported
Affiliation Address:	1186 SAN MATEO AVE
Affiliation City:	SSANFRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	MCNEVIN CLEANING SPECIALISTS
Address:	1186 SAN MATEO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAR000004663
Inactive Date:	06/30/2017
Create Date:	12/08/1995
Last Act Date:	09/21/2016
Mailing Name:	SALVADOR PLASCENCIA
Mailing Address:	1186 SAN MATEO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	MCNEVIN CLEANING SPECIALISTS I
Owner Address:	1186 SAN MATEO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact Name:	SALVADOR PLASCENCIA
Contact Address:	1186 SAN MATEO AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

NAICS:

EPA ID:	CAR000004663
Create Date:	2011-10-26 15:19:37.000
NAICS Code:	56179
NAICS Description:	Other Services to Buildings and Dwellings
Issued EPA ID Date:	1995-12-08 00:00:00
Inactive Date:	2017-06-30 00:00:00
Facility Name:	MCNEVIN CLEANING SPECIALISTS
Facility Address:	1186 SAN MATEO AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940800000

C65 **WOOFGANG'S DOGGIE DAYCARE** **RCRA NonGen / NLR** **1026466403**
South **242 SHAW ROAD** **CAC003071685**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.047 mi.
246 ft. **Site 6 of 6 in cluster C**

Relative: **Lower**

Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20200619
Handler Name:	WOOFGANG'S DOGGIE DAYCARE
Handler Address:	242 SHAW ROAD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAC003071685
Contact Name:	TOM NORTHRUP
Contact Address:	242 SHAW ROAD
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-270-0169
Contact Fax:	Not reported
Contact Email:	SINCLAIRJE@AOL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	242 SHAW ROAD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	WOOFGANG'S DOGGIE DAYCARE
Owner Type:	Other
Operator Name:	TOM NORTHRUP
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

WOOFGANG'S DOGGIE DAYCARE (Continued) **1026466403**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200710
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOOFGANG'S DOGGIE DAYCARE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	242 SHAW ROAD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-270-0169
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOM NORTHRUP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	242 SHAW ROAD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-270-0169
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WOOFGANG'S DOGGIE DAYCARE (Continued) **1026466403**

Historic Generators:
Receive Date: 20200619
Handler Name: WOOFGANG'S DOGGIE DAYCARE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G66 **GIANT HORSE PRINTING INC** **RCRA NonGen / NLR** **1024875645**
WSW **1336 SAN MATEO AVE** **CAL920394965**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.049 mi.
257 ft. **Site 2 of 11 in cluster G**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 19920208
Handler Name: GIANT HORSE PRINTING INC
Handler Address: 1336 SAN MATEO AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-0000
EPA ID: CAL920394965
Contact Name: LILY MA
Contact Address: 1336 SAN MATEO AVE
Contact City,State,Zip: SO SAN FRANCISCO, CA 94080
Contact Telephone: 650-875-7137
Contact Fax: 000-000-0000
Contact Email: LILY@GIANTHORSE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1336 SAN MATEO AVE
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name: GIANT HORSE PRINTING INC

GIANT HORSE PRINTING INC (Continued) **1024875645**

Owner Type:	Other
Operator Name:	LILY MA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

GIANT HORSE PRINTING INC (Continued) **1024875645**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: LILY MA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1336 SAN MATEO AVE
Owner/Operator City,State,Zip: SO SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 650-875-7137
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GIANT HORSE PRINTING INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1336 SAN MATEO AVE
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone: 650-875-7137
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19920208
Handler Name: GIANT HORSE PRINTING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32311
NAICS Description: PRINTING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G67 **KK GRAPHICS INC** **RCRA NonGen / NLR** **1024875126**
WSW **1336 SAN MATEO AVE** **CAL000443784**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.049 mi.
257 ft. **Site 3 of 11 in cluster G**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20190220
Handler Name:	KK GRAPHICS INC	
Handler Address:		1336 SAN MATEO AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAL000443784
Contact Name:		MOON MA
Contact Address:		1336 SAN MATEO AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-468-1057
Contact Fax:		Not reported
Contact Email:		MOON@KKGRAPHICS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1336 SAN MATEO AVE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		MOON MA
Owner Type:		Other
Operator Name:		MOON MA
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

KK GRAPHICS INC (Continued) **1024875126**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MOON MA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1336 SAN MATEO AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-468-1057
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MOON MA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1336 SAN MATEO AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-468-1057
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KK GRAPHICS INC (Continued) **1024875126**

Historic Generators:
Receive Date: 20190220
Handler Name: KK GRAPHICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G68 **GIANT HORSE PRINTING INC** **San Mateo Co. BI** **S117397579**
WSW **1336 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.049 mi.
257 ft. **Site 4 of 11 in cluster G**

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:
Name: GIANT HORSE PRINTING INC
Address: 1336 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0014013
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024217
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: GIANT HORSE PRINTING INC
Address: 1336 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0014013
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0046697
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

G69 **KK GRAPHICS INC** **San Mateo Co. BI** **S124430719**
WSW **1336 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.049 mi.
257 ft. **Site 5 of 11 in cluster G**

Relative: San Mateo Co. BI:
Higher

Name:	KK GRAPHICS INC
Address:	1336 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0066238
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0089323
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Actual:
22 ft.

Name:	KK GRAPHICS INC
Address:	1336 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0066238
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0089324
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

I70 **PRATT & LAMBERT INC.** **RCRA-SQG** **1000421253**
NNW **1417 SAN MEDRO AVE.** **FINDS** **CAD053245411**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.051 mi.
271 ft. **Site 1 of 7 in cluster I**

Relative: RCRA-SQG:
Higher

Date Form Received by Agency:		19960901
Handler Name:	PRATT & LAMBERT INC.	
Handler Address:		1417 SAN MEDRO AVE.
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD053245411
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		SAN MEDRO AVE.
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		ABE & ANN STOLOWITZ

Actual:
21 ft.

PRATT & LAMBERT INC. (Continued) **1000421253**

Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

PRATT & LAMBERT INC. (Continued) **1000421253**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ABE & ANN STOLOWITZ
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: PRATT & LAMBERT INC.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002649260

PRATT & LAMBERT INC. (Continued) **1000421253**

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000421253
Registry ID:	110002649260
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002649260
Name:	PRATT & LAMBERT INC.
Address:	1417 SAN MEDRO AVE.
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

D71 **SSF SEWAGE PUMP STATION #11** **San Mateo Co. BI** **S117397361**
SSW **235 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.053 mi.
282 ft. **Site 4 of 9 in cluster D**

Relative:
Higher

Actual:
23 ft.

San Mateo Co. BI:

Name:	SSF SEWAGE PUMP STATION #11
Address:	235 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0008509
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0027626
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SSF SEWAGE PUMP STATION #11
Address:	235 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0008509
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022673
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	SSF SEWAGE PUMP STATION #11
Address:	235 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0008509
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0048013
Description:	GENERATES <27 GAL/YEAR

SSF SEWAGE PUMP STATION #11 (Continued) **S117397361**

Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

D72 **H.G. MAKELIM CO.** **San Mateo Co. BI** **S117397927**
SSW **219 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.055 mi.
291 ft. **Site 5 of 9 in cluster D**

Relative: San Mateo Co. BI:
Higher
Actual: Name: H.G. MAKELIM CO.
23 ft. Address: 219 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024703
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0029902
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: H.G. MAKELIM CO.
Address: 219 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024703
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0029901
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

J73 **PENINSULA AUTO BODY** **RCRA NonGen / NLR** **1024803054**
NNW **1430 SAN MATEO AVE** **CAL000250728**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.056 mi.
295 ft. **Site 1 of 8 in cluster J**

Relative: RCRA NonGen / NLR:
Higher
Actual: Date Form Received by Agency: 20020424
21 ft. Handler Name: PENINSULA AUTO BODY
Handler Address: 1430 SAN MATEO AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAL000250728
Contact Name: DOUG PATTERSON
Contact Address: 1430 SAN MATEO AVE
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 650-588-0999
Contact Fax: 000-000-0000
Contact Email: PAUL@PENINSULAAUTOBODY.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

PENINSULA AUTO BODY (Continued) **1024803054**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1430 SAN MATEO AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:	PENINSULA AUTO BODY, INC.
Owner Type:	Other
Operator Name:	DOUG PATTERSON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

PENINSULA AUTO BODY (Continued) **1024803054**

Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DOUG PATTERSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1430 SAN MATEO AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-0999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PENINSULA AUTO BODY, INC.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1430 SAN MATEO AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone:	650-588-0999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020424
Handler Name: PENINSULA AUTO BODY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

PENINSULA AUTO BODY (Continued) **1024803054**

Evaluation Action Summary:
Evaluations: No Evaluations Found

J74 **W W GRAINGER** **San Mateo Co. BI** **S117397471**
NNW **1430 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.056 mi.
295 ft. **Site 2 of 8 in cluster J**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:

Name:	W W GRAINGER
Address:	1430 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011846
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004465
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	PENINSULA AUTO BODY
Address:	1430 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027270
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0043081
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PENINSULA AUTO BODY
Address:	1430 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027270
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0043080
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

J75 **PENINSULA AUTO BODY** **CERS HAZ WASTE** **S113118917**
NNW **1430 SAN MATEO AVE** **HAZNET** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.056 mi.
295 ft. **Site 3 of 8 in cluster J**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	PENINSULA AUTO BODY
Address:	1430 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	142226
CERS ID:	10068199

PENINSULA AUTO BODY (Continued) **S113118917**

CERS Description: Hazardous Waste Generator

Violations:

Site ID: 142226
Site Name: PENINSULA AUTO BODY
Violation Date: 10-04-2019
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 12/28/2019. Listed as area of concern only, please provide current annual training records for hazardous waste training. These were un-available during the inspection. You can forward to dan at drompf@smcgov.org or send via text message to 650-339-0327. Please ensure training is completed on hazardous waste procedures at least annually. I can also drop by to review the records as well.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 142226
Site Name: PENINSULA AUTO BODY
Violation Date: 10-04-2019
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description: Failure to prepare a Uniform Hazardous Waste Manifest and, if necessary, a Continuation Sheet, before the transport of a hazardous waste off-site for transfer, treatment, storage, or disposal.
Violation Notes: Returned to compliance on 12/28/2019. Please contact dan to review latest hazardous waste manifest. Last pickup appears to have been on 9/11/19 however the office is locked and documents not available today.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 142226
Site Name: PENINSULA AUTO BODY
Violation Date: 09-07-2017
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 09/07/2017. used coolant and used oil funnels were open. Keep these closed while not actively adding waste.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 142226
Site Name: PENINSULA AUTO BODY
Violation Date: 08-25-2015

PENINSULA AUTO BODY (Continued) **S113118917**

Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes: Returned to compliance on 04/08/2016. 1 gallon poly container of unknown chemical outside by trash cans. Make determination on what the waste is.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 08-26-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-07-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

PENINSULA AUTO BODY (Continued) **S113118917**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-07-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-07-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 142226
Facility Name: PENINSULA AUTO BODY
Env Int Type Code: HWG
Program ID: 10068199
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.647180
Longitude: -122.409080

Affiliation:

PENINSULA AUTO BODY (Continued) **S113118917**

Affiliation Type Desc:	Operator
Entity Name:	PENINSULA AUTO BODY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 588-0999,

Affiliation Type Desc:	Parent Corporation
Entity Name:	PENINSULA AUTO BODY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Paul Bourque
Entity Title:	Treasurer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Document Preparer
Entity Name:	Paul Bourque
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Paul Bourque
Entity Title:	Not reported
Affiliation Address:	1430 San Mateo Ave.
Affiliation City:	South San Francisco
Affiliation State:	Ca
Affiliation Country:	Not reported

PENINSULA AUTO BODY (Continued) **S113118917**

Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1430 SAN MATEO AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: PATTERSON, DOUG
Entity Title: Not reported
Affiliation Address: 1430 SAN MATEO AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 588-0999,

HAZNET:
Name: PENINSULA AUTO BODY
Address: 1430 SAN MATEO AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Contact: DOUG PATTERSON
Telephone: 6505880999
Mailing Name: Not reported
Mailing Address: 1430 SAN MATEO AVE

Year: 2018
Gepaid: CAL000250728
TSD EPA ID: CAD059494310
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.22500

Year: 2018
Gepaid: CAL000250728
TSD EPA ID: NVT330010000
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.05100

Year: 2017
Gepaid: CAL000250728
TSD EPA ID: NVT330010000
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.204

PENINSULA AUTO BODY (Continued) **S113118917**

Year:	2014
Gepaid:	CAL000250728
TSD EPA ID:	CAD059494310
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.102
Year:	2012
Gepaid:	CAL000250728
TSD EPA ID:	CAD059494310
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.187
Year:	2012
Gepaid:	CAL000250728
TSD EPA ID:	CAD059494310
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.175
Year:	2009
Gepaid:	CAL000250728
TSD EPA ID:	CAD980884183
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22
Year:	2007
Gepaid:	CAL000250728
TSD EPA ID:	CAD980884183
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.1815
Year:	2006
Gepaid:	CAL000250728
TSD EPA ID:	CAD009452657
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.15
Year:	2006
Gepaid:	CAL000250728
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.0972

Click this hyperlink while viewing on your computer to access
1 additional CA HAZNET: record(s) in the EDR Site Report.

PENINSULA AUTO BODY (Continued) **S113118917**

Additional Info:

Year:	2017
Gen EPA ID:	CAL000250728
Shipment Date:	20170112
Creation Date:	5/9/2018 18:30:24
Receipt Date:	20170123
Manifest ID:	016706120JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.204
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000250728
Shipment Date:	20040223
Creation Date:	8/20/2004 9:49:45
Receipt Date:	20040223
Manifest ID:	22890642
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

PENINSULA AUTO BODY (Continued) **S113118917**

Additional Info:

Year:	2012
Gen EPA ID:	CAL000250728
Shipment Date:	20120709
Creation Date:	10/23/2012 22:15:09
Receipt Date:	20120720
Manifest ID:	009821246JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC TRANS
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120702
Creation Date:	10/10/2012 22:15:09
Receipt Date:	20120712
Manifest ID:	009821206JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC TRANS
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006

PENINSULA AUTO BODY (Continued) **S113118917**

Gen EPA ID:	CAL000250728
Shipment Date:	20061009
Creation Date:	4/19/2007 18:30:50
Receipt Date:	20061009
Manifest ID:	001442102JJK
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES CORPORATION/AES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES CORPORATION/AES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060112
Creation Date:	8/10/2006 18:34:27
Receipt Date:	20060113
Manifest ID:	24474948
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0972
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000250728
Shipment Date:	20141013
Creation Date:	1/14/2015 22:14:59

PENINSULA AUTO BODY (Continued) **S113118917**

Receipt Date:	20141023
Manifest ID:	012786409JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000250728

Shipment Date:	20091104
Creation Date:	1/8/2010 18:30:08
Receipt Date:	20091117
Manifest ID:	002042894FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22
Waste Quantity:	440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000250728

PENINSULA AUTO BODY (Continued) **S113118917**

Shipment Date:	20071219
Creation Date:	3/6/2008 18:30:26
Receipt Date:	20071228
Manifest ID:	000304610GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	PENINSULA AUTO BODY
Address:	1430 SAN MATEO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000250728
Inactive Date:	Not reported
Create Date:	04/24/2002
Last Act Date:	09/23/2020
Mailing Name:	Not reported
Mailing Address:	1430 SAN MATEO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	PENINSULA AUTO BODY, INC.
Owner Address:	1430 SAN MATEO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact Name:	DOUG PATTERSON
Contact Address:	1430 SAN MATEO AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

NAICS:

EPA ID:	CAL000250728
Create Date:	2002-04-24 10:02:42.530
NAICS Code:	811121
NAICS Description:	Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date:	2002-04-24 10:02:42.50000
Inactive Date:	Not reported
Facility Name:	PENINSULA AUTO BODY
Facility Address:	1430 SAN MATEO AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO

PENINSULA AUTO BODY (Continued) **S113118917**

Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

E76 **BAYSHORE TRUCK EQUIPMENT CO** **San Mateo Co. BI** **S117397785**
WNW **1367 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.060 mi.
316 ft. **Site 9 of 22 in cluster E**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	BAYSHORE TRUCK EQUIPMENT CO
Address:	1367 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017884
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011589
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	BAYSHORE TRUCK EQUIPMENT CO
Address:	1367 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017884
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004283
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

I77 **SPORTS AND GRAPHICS** **RCRA-SQG** **1025879940**
NNW **1417 SAN MATEO AVE** **CAP000143297**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.061 mi.
321 ft. **Site 2 of 7 in cluster I**

Relative: **Higher**
Actual: **21 ft.**

RCRA-SQG:

Date Form Received by Agency:		20030404
Handler Name:	SPORTS AND GRAPHICS	
Handler Address:		1417 SAN MATEO AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAP000143297
Contact Name:		ARTURO J GONZALEZ
Contact Address:		501 AIRPORT BLVD
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		650-588-3216
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator

SPORTS AND GRAPHICS (Continued) **1025879940**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	501 AIRPORT BLVD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	ARTURO GONZALEZ
Owner Type:	Private
Operator Name:	ARTURO GONZALEZ
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

SPORTS AND GRAPHICS (Continued) **1025879940**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20030530
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARTURO GONZALEZ
Legal Status:	Private
Date Became Current:	19970401
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARTURO GONZALEZ
Legal Status:	Private
Date Became Current:	19970401
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20030404
Handler Name: SPORTS AND GRAPHICS	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SPORTS AND GRAPHICS (Continued) **1025879940**

List of NAICS Codes and Descriptions:
NAICS Code: 323113
NAICS Description: COMMERCIAL SCREEN PRINTING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E78 **KOLVI DEVELOPMENT CORP** **HIST UST** **U001594793**
WNW **1361 SAN MATEO AVE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.061 mi.
321 ft. **Site 10 of 22 in cluster E**

Relative:
Higher

Actual:
23 ft.

HIST UST:
Name: KOLVI DEVELOPMENT CORP
Address: 1361 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BFD9
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BFD9.pdf
Region: STATE
Facility ID: 00000014513
Facility Type: Other
Other Type: PROPERTY DEVELOPMENT
Contact Name: CIRO CALVI
Telephone: 4155839659
Owner Name: KOLVI DEVELOPMENT CORP
Owner Address: 1361 SAN MATEO AVE
Owner City,St,Zip: SO. SAN FRANCISCO, CA 94080
Total Tanks: 0008

Tank Num: 001
Container Num: 1
Year Installed: 0
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 0
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000

KOLVI DEVELOPMENT CORP (Continued) **U001594793**

Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	1
Year Installed:	0
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	005
Container Num:	2
Year Installed:	0
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	006
Container Num:	3
Year Installed:	0
Tank Capacity:	00000075
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	007
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	008
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

E79 **ARCOS AUTO BODY & DETAIL** **San Mateo Co. BI** **S123180743**
WNW **1361 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.061 mi.
321 ft. **Site 11 of 22 in cluster E**

Relative:
Higher

Actual:
23 ft.

San Mateo Co. BI:

Name:	ARCOS AUTO BODY & DETAIL
Address:	1361 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0023979
Prog Element Code:	HAZARDOUS WASTE PROGRAM - GENERAL
Record Id:	PR0028194
Description:	HAZARDOUS WASTE PROGRAM - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	ARCOS AUTO BODY & DETAIL
Address:	1361 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0023979
Prog Element Code:	BUSINESS PLAN - GENERAL
Record Id:	PR0028195
Description:	BUSINESS PLAN - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

E80 **DJ & J AUTO CARE** **CERS HAZ WASTE** **S121739138**
NW **1383 SAN MATEO AVE** **CERS** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.061 mi.
321 ft. **Site 12 of 22 in cluster E**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	DJ & J AUTO CARE
Address:	1383 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	111835
CERS ID:	10068445
CERS Description:	Hazardous Waste Generator

CERS:

Name:	DJ & J AUTO CARE
Address:	1383 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	111835
CERS ID:	10068445
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	111835
Site Name:	DJ & J AUTO CARE
Violation Date:	03-18-2014
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA

DJ & J AUTO CARE (Continued) **S121739138**

thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 01/31/2017. NOV sent 3-25-2015
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 111835
Site Name: DJ & J AUTO CARE
Violation Date: 09-08-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 09/08/2016. Facility is overdue for annual HMBP re-certification. Will assist with re-certification while onsite for inspection today.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 111835
Site Name: DJ & J AUTO CARE
Violation Date: 02-26-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 01/31/2017. The business has not submitted to CERS or the county portal. NOV sent 3-25-2015
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-11-2017

DJ & J AUTO CARE (Continued) **S121739138**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: certified plan approval
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-17-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-18-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-26-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: portal hmbp approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

DJ & J AUTO CARE (Continued) **S121739138**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-13-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

DJ & J AUTO CARE (Continued) **S121739138**

Eval General Type: Other/Unknown
Eval Date: 09-14-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 111835
Site Name: DJ & J AUTO CARE
Site Address: 1383 SAN MATEO AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 03-18-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 111835
Site Name: DJ & J AUTO CARE
Site Address: 1383 SAN MATEO AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 03-25-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 111835
Facility Name: DJ & J AUTO CARE
Env Int Type Code: HWG
Program ID: 10068445
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.645402
Longitude: -122.410120

DJ & J AUTO CARE (Continued) **S121739138**

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	dio ebora
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1383 SAN MATEO AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	EBORA, DIO
Entity Title:	Not reported
Affiliation Address:	1383 SAN MATEO
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 872-1052,

Affiliation Type Desc:	Environmental Contact
Entity Name:	dio ebora
Entity Title:	Not reported
Affiliation Address:	1383 san mateo avenue
Affiliation City:	south san francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	DJ & J AUTO CARE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 872-1052,

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA

DJ & J AUTO CARE (Continued) **S121739138**

Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Parent Corporation
Entity Name: DJ & J AUTO CARE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: dio ebora
Entity Title: owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

E81 **E & J AUTO REPAIR** **San Mateo Co. BI** **S117398197**
NW **1383 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.061 mi.
321 ft. **Site 13 of 22 in cluster E**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:
Name: E & J AUTO REPAIR
Address: 1383 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0018307
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004456
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: E & J AUTO REPAIR
Address: 1383 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0018307
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011620
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: DJ & J AUTO CARE
Address: 1383 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO

E & J AUTO REPAIR (Continued) **S117398197**

Facility ID:	FA0027655
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0044407
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	DJ & J AUTO CARE
Address:	1383 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027655
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0044408
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

E82 **D J & J AUTO CARE** **RCRA NonGen / NLR** **1024806150**
NW **1383 SAN MATEO AVE** **CAL000267421**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.061 mi.
321 ft. **Site 14 of 22 in cluster E**

Relative: **Higher**

Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20030310
Handler Name:	D J & J AUTO CARE	
Handler Address:		1383 SAN MATEO AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
EPA ID:		CAL000267421
Contact Name:		DIOSCORO EBORA/OWNER
Contact Address:		1383 SAN MATEO AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		650-872-1052
Contact Fax:		650-872-1056
Contact Email:		DJANDJAUTO@AOL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1383 SAN MATEO AVENUE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:		DIOSCORO EBORA
Owner Type:		Other
Operator Name:		DIOSCORO EBORA/OWNER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No

D J & J AUTO CARE (Continued) **1024806150**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DIOSCORO EBORA/OWNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

D J & J AUTO CARE (Continued) **1024806150**

Owner/Operator Address: 1383 SAN MATEO AVE
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 650-872-1052
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DIOSCORO EBORA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1383 SAN MATEO AVE
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone: 650-872-1052
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20030310
Handler Name: D J & J AUTO CARE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F83 **NATIONWIDE LIMOUSINE** **San Mateo Co. BI** **S117397467**
NW **1397 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.061 mi.
323 ft. **Site 2 of 5 in cluster F**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:
Name: NATIONWIDE LIMOUSINE
Address: 1397 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011783

NATIONWIDE LIMOUSINE (Continued) **S117397467**

Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0004460
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: NATIONWIDE LIMOUSINE
Address: 1397 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011783
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0028925
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

E84 **GRACE BODY SHOP** **San Mateo Co. BI** **S117397744**
WNW **1379 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.063 mi.
335 ft. **Site 15 of 22 in cluster E**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:
Name: GRACE BODY SHOP
Address: 1379 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017799
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004239
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: GRACE BODY SHOP
Address: 1379 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017799
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011531
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

E85 **BAYSHORE TRUCK EQUIPMENT** **RCRA-SQG** **1000381818**
WNW **1379 SAN MATEO AVE** **FINDS** **CAD981641491**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.063 mi.
335 ft. **Site 16 of 22 in cluster E**

Relative: **Higher**
Actual: **21 ft.**

RCRA-SQG:
Date Form Received by Agency: 19960901
Handler Name: BAYSHORE TRUCK EQUIPMENT
Handler Address: 1379 SAN MATEO AVE

BAYSHORE TRUCK EQUIPMENT (Continued) **1000381818**

Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD981641491
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	SAN MATEO AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	MERRILL BLOCK
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

BAYSHORE TRUCK EQUIPMENT (Continued) **1000381818**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MERRILL BLOCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: BAYSHORE TRUCK EQUIPMENT	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

BAYSHORE TRUCK EQUIPMENT (Continued) **1000381818**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002735862

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000381818
Registry ID: 110002735862
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002735862
Name: BAYSHORE TRUCK EQUIPMENT
Address: 1379 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

E86 **GRACE BODY SHOP** **RCRA NonGen / NLR** **1025867415**
WNW **1379 SAN MATEO AVE** **CAL000311796**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.063 mi.
335 ft. **Site 17 of 22 in cluster E**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20060925
Handler Name: GRACE BODY SHOP
Handler Address: 1379 SAN MATEO AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-6511
EPA ID: CAL000311796
Contact Name: RICHARD HUTCHINS
Contact Address: 1379 SAN MATEO AVENUE
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 650-873-8186

GRACE BODY SHOP (Continued) **1025867415**

Contact Fax:	Not reported
Contact Email:	GRACEBODY@SBCGLOBAL.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1379 SAN MATEO AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6511
Owner Name:	RNJ CORP
Owner Type:	Other
Operator Name:	RICHARD HUTCHINS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

GRACE BODY SHOP (Continued) **1025867415**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RNJ CORP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1379 SAN MATEO AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6511
Owner/Operator Telephone:	650-873-8166
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICHARD HUTCHINS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1379 SAN MATEO AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-873-8186
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060925
Handler Name: GRACE BODY SHOP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

GRACE BODY SHOP (Continued) **1025867415**

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E87 **CRANKSHAFT CORP** **San Mateo Co. BI** **S117397466**
NW **1381 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.064 mi.
337 ft. **Site 18 of 22 in cluster E**

Relative: Higher
Actual: 21 ft.

San Mateo Co. BI:
Name: CRANKSHAFT CORP
Address: 1381 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011782
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004461
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: CRANKSHAFT CORP
Address: 1381 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011782
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0026871
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: F R E REPAIR
Address: 1381 SAN MATEO
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0011845
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004466
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: F R E REPAIR
Address: 1381 SAN MATEO
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0011845

CRANKSHAFT CORP (Continued) **S117397466**

Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0028987
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

F88 **FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR** **RCRA-LQG** **1000351864**
NW **1405 SAN MATEO AVENUE** **AST** **CAD981668288**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **CERS HAZ WASTE**
0.064 mi. **SWEEPS UST**
338 ft. **Site 3 of 5 in cluster F** **HIST UST**
CERS TANKS
Relative: **CA FID UST**
Higher **FINDS**
ECHO
Actual: **CERS**
21 ft.

RCRA-LQG:

Date Form Received by Agency:	20100224
Handler Name:	FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR
Handler Address:	1405 SAN MATEO AVENUE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD981668288
Contact Name:	ANTHONY P BERNARDINI
Contact Address:	SAN MATEO AVENUE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-583-6300 x103
Contact Fax:	650-871-8613
Contact Email:	FOURSTARIV@AOL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2009
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SAN MATEO AVENUE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	FOUR STAR AUTOMOTIVE, A PARTNERSHIP
Owner Type:	Private
Operator Name:	FOUR STAR AUTOMOTIVE INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20101006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: FOUR STAR AUTOMOTIVE, A PARTNERSHIP
Legal Status: Private

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Date Became Current:	19840101
Date Ended Current:	Not reported
Owner/Operator Address:	1405 SAN MATEO AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-952-3111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FOUR STAR AUTOMOTIVE INC
Legal Status:	Private
Date Became Current:	19840101
Date Ended Current:	Not reported
Owner/Operator Address:	1405 SAN MATEO AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-952-3111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TONY BERNARDINI
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20100224
Handler Name:	FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19861008
Handler Name:	FOUR STAR TRUCK REPAIR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

NAICS Code: 811112
NAICS Description: AUTOMOTIVE EXHAUST SYSTEM REPAIR

NAICS Code: 811113
NAICS Description: AUTOMOTIVE TRANSMISSION REPAIR

NAICS Code: 811118
NAICS Description: OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AST:
Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO AVE
City/Zip: SOUTH SAN FRANCISCO,94080
Certified Unified Program Agencies: Not reported
Owner: BERNARDINI, ANTHONY
Total Gallons: Not reported
CERSID: 10066183
Facility ID: Not reported
Business Name: FOUR STAR TRUCK REPAIR
Phone: 6505835937
Fax: 6508718613
Mailing Address: 1405 SAN MATEO AVENUE
Mailing Address City: SOUTH SAN FRANCISCO
Mailing Address State: CA
Mailing Address Zip Code: 94080
Operator Name: Anthony Bernardini and Bruce Ferrario
Operator Phone: 6505836300
Owner Phone: 6505835937
Owner Mail Address: 1405 SAN MATEO AVE
Owner State: CA
Owner Zip Code: 94080
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: CAD981668288

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

CERS HAZ WASTE:
Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 31380
CERS ID: 10066183
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550086
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550086-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550086
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550086-000002
Tank Status: Not reported
Capacity: 150
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550086
Number: Not reported
Board Of Equalization: Not reported

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550086-000003
Tank Status:	Not reported
Capacity:	150
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

Name:	FOUR STAR TRUCK REPAIR
Address:	1405 SAN MATEO AVE
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550086
Number:	1
Board Of Equalization:	Not reported
Referral Date:	05-13-94
Action Date:	05-13-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

Name:	FOUR STAR TRUCK REPAIR
Address:	1405 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002BE90
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BE90.pdf
Region:	STATE
Facility ID:	00000018460
Facility Type:	Other
Other Type:	TRUCK REPAIR SHOP
Contact Name:	FRANCIS G. CESARZ
Telephone:	4155836300
Owner Name:	FOUR STAR AUTOMOTIVE INC.
Owner Address:	1405 SAN MATEO AVE
Owner City,St,Zip:	SO. SAN FRANCISCO, CA 94080
Total Tanks:	0003

Tank Num:	001
Container Num:	#3
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Leak Detection:	Stock Inventor
Tank Num:	001
Container Num:	#3
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	001
Container Num:	1
Year Installed:	1977
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	6U
Container Construction Thickness:	0 1
Leak Detection:	None
Tank Num:	001
Container Num:	1
Year Installed:	1977
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	6U
Container Construction Thickness:	0 1
Leak Detection:	None
Tank Num:	002
Container Num:	#2
Year Installed:	Not reported
Tank Capacity:	00000125
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1977
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1977
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Container Num: #2
Year Installed: Not reported
Tank Capacity: 00000125
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00000125
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00000125
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

CERS TANKS:
Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 31380
CERS ID: 10066183
CERS Description: Aboveground Petroleum Storage

CA FID UST:
Facility ID: 41004919

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Regulated By: UTNKA
Regulated ID: CAD981668
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1405 SAN MATEO AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: S SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:
Registry ID: 110002743611

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000351864
Registry ID: 110002743611
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002743611
Name: FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

CERS:
Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 31380
CERS ID: 10066183
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 31380
Site Name: FOUR STAR TRUCK REPAIR

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Violation Date:	01-17-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/17/2019. The waste filter drums and the 55 gallon used oil drum that is used to collect the used oil from the filter crusher machine needed to have hazardous waste labels. This is accomplished during inspectuinb.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	31380
Site Name:	FOUR STAR TRUCK REPAIR
Violation Date:	02-12-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/09/2021. There were two 15 gallon containers with the top cut open. One was used to temporarily store fuel filters until they are crushed on a daily basis. The other container was used to catch any oil dripping. Please label these two 15 gallon containers Empty Daily
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	31380
Site Name:	FOUR STAR TRUCK REPAIR
Violation Date:	01-17-2019
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 02/15/2019. Conduct and document employee training within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	31380
Site Name:	FOUR STAR TRUCK REPAIR
Violation Date:	12-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Violation Notes:	Returned to compliance on 03/09/2017. Inventory on site is as follows. The only missing inventory items are the acetylene and oxygen welding gases, and the propane. It looks like 500 cubic feet of oxygen, and approximately 342 cubic feet of acetylene, and maybe 20 gallons propane. Cooling System Treatment Lube Room Mixture 55.0 55.0 Gallons Antifreeze Lube Room Mixture 55.0 55.0 Gallons Oil Lube Room Mixture 550.0 550.0 Gallons Oil Lube Room Mixture 55.0 55.0 Gallons Hydraulic Oil Lube Room Mixture 55.0 55.0 Gallons Transmission Fluid Lube Room Mixture 240.0 240.0 Gallons Oil Lube Room Mixture 120.0 120.0 Gallons Oil Lube Room Mixture 55.0 55.0 Gallons Transmission Fluid Lube Room Mixture 55.0 55.0 Gallons Automatic Transmission Fluid Lube Room Mixture 55.0 55.0 Gallons Oil Lube Room Mixture 120.0 120.0 Gallons Oil Lube Room Mixture 55.0 55.0 Gallons Oil Lube Room Mixture 120.0 120.0 Gallons Transmission Oil Lube Room Mixture 55.0 55.0 Gallons Oil Lube Room Mixture 55.0 55.0 Gallons Diesel [Truncated]
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	31380
Site Name:	FOUR STAR TRUCK REPAIR
Violation Date:	12-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 03/09/2017. Update map with acetylene and propane location next to oxygen.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	31380
Site Name:	FOUR STAR TRUCK REPAIR
Violation Date:	01-17-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/15/2019. The last employee training was conducted in November and December of 2017. Please conduct and document employees training within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	31380
Site Name:	FOUR STAR TRUCK REPAIR
Violation Date:	02-12-2021
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 06/04/2021. 2. Within 30 days, contact an analytical laboratory to have the sandblasting dust analyzed to

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

determine whether the dust is hazardous. You can use any lab of your choosing. It is not a recommendation, neverthless, some of the facilities use TestAmerica Laboratory (925) 484-1919, or McCampbell Analytical (877) 252-9262. If the analysis indicates the dust is hazardous waste, the dust will need to be properly disposed of as hazardous waste. If the analytical result confirms the waste is not hazardous waste, the dust can be managed as regular trash.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 01-17-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-17-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The latest HMBP was submitted on 3/20/2020 via San Mateo County portal
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: Used oil stored in two above ground storage tanks. Waste antifreeze stored in one above ground tank. paper and metal filters Sandblasting waste Waste absorbent. Clarifier Waste. Facility clean out the clarifier on a monthly basis. The sludge is placed in 55 gallon drums. The liquid is discharged through the sewer. Facility performs weekly facility inspection
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-07-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-31-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-29-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-16-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-19-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SPCC review, comments and approval of plan pending a couple of changes to the map.
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-22-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-17-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP for 2018 submitted on 2/28/2018 and it was subsequently accepted.
Eval Division:	San Mateo County Environmental Health

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: - used oil - waste antifreeze - Contaminated gas and diesel -clarifier sludge -filters - batteries - rags Based on the used oil generation, the facility most likely should be classified as a large quantity generator. One of the 55 gallon drum storing contaminated gas/diesel displayed evidence of bulging, please switch out the drum.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-22-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-09-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-16-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The latest Tier I SPCC Plan was executed on 3/8/2018.
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-12-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-03-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-22-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-17-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-09-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: hmbp approved and violations closed out
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: assist HMBP. employee training has yet been completed.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: requirement of inspection log
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-15-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-16-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Coordinates:

Site ID:	31380
Facility Name:	FOUR STAR TRUCK REPAIR
Env Int Type Code:	HWG
Program ID:	10066183
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	37.646156
Longitude:	-122.410355

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Identification Signer
Entity Name:	Bruce Ferrario
Entity Title:	Vice President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	BERNARDINI, ANTHONY
Entity Title:	Not reported
Affiliation Address:	1405 SAN MATEO AVENUE
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 583-5937,

Affiliation Type Desc:	Document Preparer
Entity Name:	Diana Zocchi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	FOUR STAR TRUCK REPAIR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

FOUR STAR AUTOMOTIVE INC./FOUR STAR TRUCK REPAIR (Continued) **1000351864**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Four Star Automotive, a Partnership
Entity Title:	Not reported
Affiliation Address:	1405 San Mateo Avenue
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 583-5937,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Bruce Ferrario
Entity Title:	Not reported
Affiliation Address:	1405 San Mateo Avenue
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1405 SAN MATEO AVENUE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Anthony Bernardini and Bruce Ferrario
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 583-6300,

F89 **FOUR STAR AUTOMOTIVE II** **LUST** **S102430413**
NW **1405 SAN MATEO** **San Mateo Co. BI** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080** **Cortese**
0.064 mi. **HIST CORTESE**
338 ft. **Site 4 of 5 in cluster F** **CERS**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:

Name:	FOUR STAR AUTOMOTIVE II
Address:	1405 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550131

FOUR STAR AUTOMOTIVE II (Continued) **S102430413**

Facility Status: 9- Case Closed
Global ID: T0608100794
APN Number: 015112590
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: FOUR STAR AUTOMOTIVE II
Address: 1405 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100794
Global Id: T0608100794
Latitude: 37.646151
Longitude: -122.410361
Status: Completed - Case Closed
Status Date: 06/12/1995
Case Worker: JM
RB Case Number: 41-0848
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550131
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100794
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100794
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100794
Action Type: ENFORCEMENT
Date: 08/26/1994
Action: Notice of Responsibility - #1

Global Id: T0608100794
Action Type: Other
Date: 05/24/1994
Action: Leak Reported

FOUR STAR AUTOMOTIVE II (Continued) **S102430413**

LUST:
Global Id: T0608100794
Status: Open - Case Begin Date
Status Date: 05/24/1994

Global Id: T0608100794
Status: Completed - Case Closed
Status Date: 06/12/1995

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550131
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017745
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011587
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017745
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022626
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017745
Prog Element Code: ABOVE GROUND TANK/SPCC

FOUR STAR AUTOMOTIVE II (Continued) **S102430413**

Record Id: PR0065566
Description: ABOVE GROUND TANK/SPCC
Facility Status: Inactive, non-billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017745
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0023582
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: FOUR STAR TRUCK REPAIR
Address: 1405 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017745
Prog Element Code: 2352
Record Id: PR0067371
Description: TIER I: TANK STOR CAP =>1,320 & <5,000 GAL
Facility Status: Active, billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

CORTESE:
Name: FOUR STAR AUTOMOTIVE II
Address: 1405 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100794
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: FOUR STAR AUTOMOTIVE II
edr_fadd1: 1405 SAN MATEO

FOUR STAR AUTOMOTIVE II (Continued) **S102430413**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0848

CERS:
Name: FOUR STAR AUTOMOTIVE II
Address: 1405 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 192487
CERS ID: T0608100794
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

I90 **DYNASTY CUSTOMS BROKER INC** **San Mateo Co. BI** **S117398341**
NNW **1409 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.064 mi.
338 ft. **Site 3 of 7 in cluster I**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:
Name: DYNASTY CUSTOMS BROKER INC
Address: 1409 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0029700
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0051084
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

F91 **GRACE BODY SHOP** **RCRA-SQG** **1000168250**
NW **1387 SAN MATEO** **San Mateo Co. BI** **CAD981976202**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **EMI**
0.064 mi. **HAZNET**
339 ft. **Site 5 of 5 in cluster F** **HWTS**

Relative: **Higher**
Actual: **21 ft.**

RCRA-SQG:

Date Form Received by Agency:		19870430
Handler Name:	GRACE BODY SHOP	
Handler Address:		1387 SAN MATEO
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD981976202
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		1387 SAN MATEO
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-583-4620
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		1387 SAN MATEO
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		GARY FRANK
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

GRACE BODY SHOP (Continued) **1000168250**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GARY FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GRACE BODY SHOP (Continued) **1000168250**

Historic Generators:
Receive Date: 19870430
Handler Name: GRACE BODY SHOP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

San Mateo Co. BI:
Name: CALPICO INC
Address: 1387 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0029699
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0051082
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: CALPICO INC
Address: 1387 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0029699
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0064591
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

EMI:
Name: GRACE BODY SHOP INC
Address: 1387 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Year: 1987
County Code: 41

GRACE BODY SHOP (Continued) **1000168250**

Air Basin:	SF
Facility ID:	3753
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	GRACE BODY SHOP INC
Address:	1387 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	3753
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	GRACE BODY SHOP INC
Address:	1387 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	3753
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	GRACE BODY SHOP INC
Address:	1387 SAN MATEO AVENUE

GRACE BODY SHOP (Continued) **1000168250**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	3753
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	GRACE BODY SHOP INC
Address:	1387 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	3753
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	GRACE BODY SHOP INC
Address:	1387 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	3753
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

GRACE BODY SHOP (Continued) **1000168250**

Name:	GRACE BODY SHOP INC
Address:	1387 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	3753
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	GRACE BODY SHOP INC
Address:	1387 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	3753
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	GRACE BODY SHOP
Address:	1387 SAN MATEO
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact:	KANDRA FRANK
Telephone:	4158738166
Mailing Name:	Not reported
Mailing Address:	1379 SAN MATEO AVE

Year:	1999
Gepaid:	CAD981976202
TSD EPA ID:	CAD009452657
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	R01 - Recycler
Tons:	0.9173

GRACE BODY SHOP (Continued) **1000168250**

Year: 1998
Gepaid: CAD981976202
TSD EPA ID: CAD009452657
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 0.2293

Year: 1997
Gepaid: CAD981976202
TSD EPA ID: CAD009452657
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 0.4586

Year: 1996
Gepaid: CAD981976202
TSD EPA ID: CAD009452657
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 0.4586

Year: 1995
Gepaid: CAD981976202
TSD EPA ID: CAD009452657
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 1.1465

Year: 1995
Gepaid: CAD981976202
TSD EPA ID: CAD009452657
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01 - Recycler
Tons: 0.7

Year: 1995
Gepaid: CAD981976202
TSD EPA ID: CAD009452657
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: R01 - Recycler
Tons: 0.1

Year: 1994
Gepaid: CAD981976202
TSD EPA ID: CAD009452657
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: D99 - Disposal, Other
Tons: 0.7922

Year: 1994
Gepaid: CAD981976202
TSD EPA ID: CAD009452657
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 0.9172

GRACE BODY SHOP (Continued) **1000168250**

Year:	1993
Gepaid:	CAD981976202
TSD EPA ID:	CAD009452657
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	R01 - Recycler
Tons:	0.1876

Click this hyperlink while viewing on your computer to access
14 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1999
Gen EPA ID:	CAD981976202
Shipment Date:	19990831
Creation Date:	10/28/1999 0:00:00
Receipt Date:	19990901
Manifest ID:	99585719
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990416
Creation Date:	5/20/1999 0:00:00
Receipt Date:	19990419
Manifest ID:	99292272
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G

GRACE BODY SHOP (Continued) **1000168250**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990305
Creation Date:	5/4/1999 0:00:00
Receipt Date:	19990305
Manifest ID:	99291339
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD981976202
Shipment Date:	19961025
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961025
Manifest ID:	96355868
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

GRACE BODY SHOP (Continued) **1000168250**

Shipment Date:	19960312
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960313
Manifest ID:	96054555
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD981976202

Shipment Date:	19931203
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931203
Manifest ID:	92671218
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931022
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931022
Manifest ID:	92670889
Trans EPA ID:	CAT080031248

GRACE BODY SHOP (Continued) **1000168250**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930910
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930910
Manifest ID:	92670584
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	55
Quantity Unit:	*
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930810
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930810
Manifest ID:	92422318
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001

GRACE BODY SHOP (Continued) **1000168250**

Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930709
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930709
Manifest ID:	92422091
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930608
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930608
Manifest ID:	92421856
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

GRACE BODY SHOP (Continued) **1000168250**

Shipment Date:	19930507
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930507
Manifest ID:	92421623
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	55
Quantity Unit:	*
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930413
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930413
Manifest ID:	92421428
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930312
Creation Date:	9/5/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92421192
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657

GRACE BODY SHOP (Continued) **1000168250**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930219
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930219
Manifest ID:	92421025
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981976202
Shipment Date:	19941122
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941122
Manifest ID:	92671979
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001

GRACE BODY SHOP (Continued) **1000168250**

Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941004
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941004
Manifest ID:	93573386
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940812
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940812
Manifest ID:	93160576
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

GRACE BODY SHOP (Continued) **1000168250**

Shipment Date:	19940701
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940701
Manifest ID:	93525068
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940517
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940517
Manifest ID:	92674711
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940325
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940325
Manifest ID:	93162519
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657

GRACE BODY SHOP (Continued) **1000168250**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.3336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940207
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940207
Manifest ID:	93163726
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD981976202

Shipment Date:	19981117
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981117
Manifest ID:	98576910
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001

GRACE BODY SHOP (Continued) **1000168250**

Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981976202
Shipment Date:	19951003
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951003
Manifest ID:	95694182
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950707
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950707
Manifest ID:	95503577
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported

GRACE BODY SHOP (Continued) **1000168250**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950421
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950421
Manifest ID:	95372777
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950322
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950322
Manifest ID:	92671484
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D035
Meth Code:	R01 - Recycler
Quantity Tons:	0.7
Waste Quantity:	1400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950322
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950322
Manifest ID:	92671484

GRACE BODY SHOP (Continued) **1000168250**

Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D035
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950310
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950310
Manifest ID:	93574378
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950124
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950124
Manifest ID:	93572743
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.

GRACE BODY SHOP (Continued) **1000168250**

RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD981976202
Shipment Date:	19970919
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970919
Manifest ID:	96685356
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970702
Creation Date:	9/3/1998 0:00:00
Receipt Date:	19980702
Manifest ID:	98205775
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G

GRACE BODY SHOP (Continued) **1000168250**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: GRACE BODY SHOP
Address: 1387 SAN MATEO
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
EPA ID: CAD981976202
Inactive Date: 06/30/2000
Create Date: 07/03/1987
Last Act Date: 08/10/2004
Mailing Name: Not reported
Mailing Address: 1379 SAN MATEO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 940806511
Owner Name: GARY FRANK
Owner Address: 1387 SAN MATEO AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH SAN FRANCISCO, CA 940806511
Contact Name: KANDRA FRANK
Contact Address: INACTIVE PER VQ00 - BMI
Contact Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940806511

NAICS:
EPA ID: CAD981976202
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 1987-07-03 00:00:00
Inactive Date: 2000-06-30 00:00:00
Facility Name: GRACE BODY SHOP
Facility Address: 1387 SAN MATEO
Facility Address 2: Not reported
Facility City: SOUTH SAN FRANCISCO
Facility County: Not reported
Facility State: CA
Facility Zip: 940800000

I92 **UTAP PRINTING CO., INC** **CERS HAZ WASTE** **S121748881**
NNW **1423 SAN MATEO AVE** **CERS** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.064 mi.
339 ft. **Site 4 of 7 in cluster I**

Relative: **Higher**
Actual: **21 ft.**

CERS HAZ WASTE:
Name: UTAP PRINTING CO., INC
Address: 1423 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 165267
CERS ID: 10125727
CERS Description: Hazardous Waste Generator

UTAP PRINTING CO., INC (Continued) **S121748881**

CERS:
Name: UTAP PRINTING CO., INC
Address: 1423 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 165267
CERS ID: 10125727
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 165267
Site Name: UTAP PRINTING CO., INC
Violation Date: 08-24-2015
Citation: 22 CCR 15 66265.32 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.32
Violation Description: Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes: Returned to compliance on 07/08/2016. Facility had several blocked fire extinguishers and is missing the eyewash station. Ensure all required emergency equipment is available.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 165267
Site Name: UTAP PRINTING CO., INC
Violation Date: 10-11-2019
Citation: 22 CCR 23 66273.31(a) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.31(a)
Violation Description: Failure of the universal waste handler to prevent improper disposal of universal waste, or to transfer universal waste to the appropriate destination facility.
Violation Notes: Returned to compliance on 12/30/2019. Universal waste (fluorescent tubes)stored on ground in front of building. Store these in a manner to prevent breakage, label as universal waste, and dispose of as a universal waste. Grainger makes some boxes that have pre-paid shipping for proper dispsoal of light tubes. Here is an example of these boxes, or you can have them picked up by haz waste hauler. https://www.uline.com/Product/Detail/S-14845/Light-Bulbs/Prepaid-Light-Bulb-Recycling-Box-Kit-4-Medium?pricode=WB0862&gadtype=pla&id=S-14845&gclid=Cj0KCQjw0IDtBRC6ARIsAIA5gWvD6jm2NQPK7uuQSLZiwNQCW7Wv49J8Rj8FyU-75e4wqk20rO7eIdoaArWPEALw_wcB&gclsrc=aw.ds
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 165267

UTAP PRINTING CO., INC (Continued) **S121748881**

Site Name:	UTAP PRINTING CO., INC
Violation Date:	10-11-2019
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 12/30/2019. Observed waste onsite over one year. Accumulation date on drums is 7/2018. Dispose of this waste in the next 30 days and send a receipt for the disposal. There are also multiple plastic totes and 5 gallon buckets that are not properly labeled which need to be placed in the main container, labeled appropriately and disposed of.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	165267
Site Name:	UTAP PRINTING CO., INC
Violation Date:	08-24-2015
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 07/08/2016. Missing TSDF copy of manifest number 012249378 and no LDR form available for DOO1 listed waste. Provide manifest copy and LDR for this manifest shipment < 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	165267
Site Name:	UTAP PRINTING CO., INC
Violation Date:	08-24-2015
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 07/08/2016. Open funnel observed on waste drum, open drum lids on solid waste. Keep closed while not actively adding waste.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	165267
Site Name:	UTAP PRINTING CO., INC
Violation Date:	10-11-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using

UTAP PRINTING CO., INC (Continued) **S121748881**

generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 12/30/2019. Determine content of waste in blue buckets and plastic totes and label appropriately and/or place in the drum for scheduled disposal. Send photos this is complete.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 165267
Site Name: UTAP PRINTING CO., INC
Violation Date: 08-24-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/27/2016. Incomplete inventory missing the blanket wash solvent in 55 gallon drum.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 165267
Site Name: UTAP PRINTING CO., INC
Violation Date: 08-24-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/27/2016. Map is incomplete, since the 55 gallon drum of blanket wash solvent is missing from maps. Also, recommend designating a empty drum storage area to indicate these are empty if there is any emergency incidents on property.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 165267
Site Name: UTAP PRINTING CO., INC
Violation Date: 10-11-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/30/2019. Several containers of hazardous waste out back in storage area are not labeled. Ensure the plastic totes and buckets of waste are consolidated to the drum or labeled appropriately for disposal as a hazardous waste.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown

UTAP PRINTING CO., INC (Continued) **S121748881**

Eval Date: 05-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: certified
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-25-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-08-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: site review prior to inspetcion, will inspect on friday.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-20-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-02-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Hmbp review and permit changes
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2015
Violations Found: Yes
Eval Type: Routine done by local agency

UTAP PRINTING CO., INC (Continued) **S121748881**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-16-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: docs management
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: portal submission approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-12-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

UTAP PRINTING CO., INC (Continued) **S121748881**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-29-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 165267
Site Name: UTAP PRINTING CO., INC
Site Address: 1423 SAN MATEO AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 02-08-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Contacted Arthur Chin via email to inform him he has 15 days to comply with haz waste violations. He has submitted HMBP electronically via CERS resolving this violation. 6/27/16 Facility submitted required documentation, .
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 165267
Site Name: UTAP PRINTING CO., INC
Site Address: 1423 SAN MATEO AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 02-08-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Contacted Arthur Chin via email to inform him he has 15 days to comply with haz waste violations. He has submitted HMBP electronically via CERS resolving this violation. 6/27/16 Facility submitted required

UTAP PRINTING CO., INC (Continued) **S121748881**

documentation, .
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 165267
Facility Name: UTAP PRINTING CO., INC
Env Int Type Code: HWG
Program ID: 10125727
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.646854
Longitude: -122.410172

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Arthur Chin
Entity Title: Vice President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: UTAP Printing Inc., Co.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Patrick Chin
Entity Title: Not reported
Affiliation Address: 1423 San Mateo Avenue
Affiliation City: South San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 588-2818,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1423 SAN MATEO AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

UTAP PRINTING CO., INC (Continued) **S121748881**

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Document Preparer
Entity Name:	Arthur Chin
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Arthur Chin
Entity Title:	Not reported
Affiliation Address:	1423 San Mateo Avenue
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	UTAP PRINTING CO., INC
Entity Title:	Not reported
Affiliation Address:	1423 SAN MATEO
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-2818,

Affiliation Type Desc:	Operator
Entity Name:	Arthur Chin
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 588-2818,

I93 **VTAP PRINTING** **RCRA-SQG** **1004676984**
NNW **1423 SAN MATEO AVE** **CAR000091868**
< 1/8 **S SAN FRANCISCO, CA 94080**
0.064 mi.
339 ft. **Site 5 of 7 in cluster I**

Relative: **Higher**
Actual: **21 ft.**

RCRA-SQG:

Date Form Received by Agency:		20010213
Handler Name:	VTAP PRINTING	
Handler Address:		1423 SAN MATEO AVE
Handler City,State,Zip:		S SAN FRANCISCO, CA 94080
EPA ID:		CAR000091868
Contact Name:		PATRICK CHIN
Contact Address:		1423 SAN MATEO AVE
Contact City,State,Zip:		S SAN FRANCISCO, CA 94080
Contact Telephone:		650-588-2818
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1423 SAN MATEO AVE
Mailing City,State,Zip:		S SAN FRANCISCO, CA 94080
Owner Name:		PATRICK Y CHIN
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

VTAP PRINTING (Continued) **1004676984**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK Y CHIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 SAN MATEO AVE
Owner/Operator City,State,Zip:	S SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-742-9958
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010213
Handler Name: VTAP PRINTING	
Federal Waste Generator Description:	Small Quantity Generator

VTAP PRINTING (Continued) **1004676984**

State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I94 **UTAP PRINTING CO., INC** **San Mateo Co. BI** **S117398011**
NNW **1423 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.064 mi.
339 ft. **Site 6 of 7 in cluster I**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	UTAP PRINTING CO., INC
Address:	1423 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0026154
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0037719
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	UTAP PRINTING CO., INC
Address:	1423 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0026154
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0037720
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

D95 **PREMIER MOUNTING & DIE CUTTING** **San Mateo Co. BI** **S117397454**
SSW **220 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.064 mi.
340 ft. **Site 6 of 9 in cluster D**

Relative: San Mateo Co. BI:
Higher

Actual: Name: PREMIER MOUNTING & DIE CUTTING
22 ft. Address: 220 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011703
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0004444
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: FEDEX GROUND - SOUTH SAN FRANCISCO
Address: 220 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0053757
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0074775
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: FED EX DISTRIBUTION CENTER
Address: 220 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0029395
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0049962
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

D96 **FEDEX GROUND PACKAGE SYSTEM INC** **RCRA-SQG** **1016148136**
SSW **220 SHAW ROAD** **FINDS** **CAR000239798**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.064 mi.
340 ft. **Site 7 of 9 in cluster D**

Relative: RCRA-SQG:
Higher

Actual: Date Form Received by Agency: 20130514
22 ft. Handler Name: FEDEX GROUND PACKAGE SYSTEM INC
Handler Address: 220 SHAW ROAD
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAR000239798
Contact Name: GAYLYN FROSINI
Contact Address: 1000 FEDEX DRIVE
Contact City,State,Zip: MOON TOWNSHIP, PA 15108
Contact Telephone: 412-262-7375
Contact Fax: Not reported
Contact Email: GAYLYN.FROSINI@FEDEX.COM
Contact Title: ENV COMPLIANCE
EPA Region: 09

FEDEX GROUND PACKAGE SYSTEM INC (Continued) **1016148136**

Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1000 FEDEX DRIVE
Mailing City,State,Zip:	MOON TOWNSHIP, PA 15108
Owner Name:	FEDEX GROUND PACKAGE SYSTEM INC
Owner Type:	Private
Operator Name:	FEDEX GROUND PACKAGE SYSTEM INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

FEDEX GROUND PACKAGE SYSTEM INC (Continued) **1016148136**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20130705
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

FEDEX GROUND PACKAGE SYSTEM INC (Continued) **1016148136**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U117
Waste Description: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: FEDEX GROUND PACKAGE SYSTEM INC
Legal Status: Private
Date Became Current: 20100701
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FEDEX GROUND PACKAGE SYSTEM INC
Legal Status: Private
Date Became Current: 20100701
Date Ended Current: Not reported
Owner/Operator Address: 1000 FEDEX DRIVE
Owner/Operator City,State,Zip: MOON TOWNSHIP, PA 15108
Owner/Operator Telephone: 412-262-7375
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20130514
Handler Name: FEDEX GROUND PACKAGE SYSTEM INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

FEDEX GROUND PACKAGE SYSTEM INC (Continued) **1016148136**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	49211
NAICS Description:	COURIERS AND EXPRESS DELIVERY SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110055440009

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016148136
Registry ID:	110055440009
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055440009
Name:	FEDEX GROUND PACKAGE SYSTEM INC
Address:	220 SHAW ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

D97 **BACON PROPERTY** **LUST** **S111760445**
SSW **220 SHAW ROAD** **Cortese** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94083** **CERS**
0.064 mi.
340 ft. **Site 8 of 9 in cluster D**

Relative: Higher
Actual: 22 ft.

LUST:

Name:	BACON PROPERTY
Address:	220 SHAW ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94083
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608192695
Global Id:	T0608192695
Latitude:	37.6411165015912

BACON PROPERTY (Continued) **S111760445**

Longitude:	-122.408911585808
Status:	Completed - Case Closed
Status Date:	03/14/2007
Case Worker:	JM
RB Case Number:	Not reported
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550191
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608192695
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608192695
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608192695
Action Type:	Other
Date:	11/03/2005
Action:	Leak Discovery

Global Id:	T0608192695
Action Type:	RESPONSE
Date:	12/30/2006
Action:	Electronic Reporting Submittal Due

Global Id:	T0608192695
Action Type:	RESPONSE
Date:	03/22/2006
Action:	Soil and Water Investigation Workplan

Global Id:	T0608192695
Action Type:	RESPONSE
Date:	06/06/2006
Action:	Soil and Water Investigation Workplan

Global Id:	T0608192695
Action Type:	RESPONSE
Date:	09/21/2006
Action:	Soil and Water Investigation Report

BACON PROPERTY (Continued) **S111760445**

Global Id: T0608192695
Action Type: RESPONSE
Date: 12/12/2006
Action: Soil and Water Investigation Report

Global Id: T0608192695
Action Type: ENFORCEMENT
Date: 09/05/2006
Action: Staff Letter - #20060905

Global Id: T0608192695
Action Type: ENFORCEMENT
Date: 03/14/2007
Action: Closure/No Further Action Letter - #20070314

Global Id: T0608192695
Action Type: ENFORCEMENT
Date: 11/30/2006
Action: Staff Letter - #20061130

Global Id: T0608192695
Action Type: ENFORCEMENT
Date: 06/01/2006
Action: Staff Letter - #20060601

Global Id: T0608192695
Action Type: ENFORCEMENT
Date: 12/21/2005
Action: Staff Letter - #20051221B

Global Id: T0608192695
Action Type: ENFORCEMENT
Date: 12/21/2005
Action: Notice of Responsibility - #20051221A

Global Id: T0608192695
Action Type: Other
Date: 11/22/2005
Action: Leak Reported

Global Id: T0608192695
Action Type: Other
Date: 11/03/2005
Action: Leak Stopped

LUST:
Global Id: T0608192695
Status: Open - Case Begin Date
Status Date: 11/03/2005

Global Id: T0608192695
Status: Open - Site Assessment
Status Date: 12/21/2005

Global Id: T0608192695
Status: Open - Verification Monitoring
Status Date: 11/30/2006

BACON PROPERTY (Continued) **S111760445**

Global Id: T0608192695
Status: Completed - Case Closed
Status Date: 03/14/2007

CORTESE:
Name: BACON PROPERTY
Address: 220 SHAW ROAD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94083
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608192695
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: BACON PROPERTY
Address: 220 SHAW ROAD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94083
Site ID: 246073
CERS ID: T0608192695
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported

BACON PROPERTY (Continued) **S111760445**

Affiliation Zip: Not reported
Affiliation Phone: ,

D98 **BACON PROPERTY** **LUST** **S112949157**
SSW **220 SHAW RD** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA**
0.064 mi.
340 ft. **Site 9 of 9 in cluster D**

Relative: **Higher**
Actual: **22 ft.**

SAN MATEO CO. LUST:
Name: BACON PROPERTY
Address: 220 SHAW RD
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550191
Facility Status: 9- Case Closed
Global ID: T0608192695
APN Number: 015164010
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

E99 **ARCOS ENTERPRISES** **RCRA-SQG** **1001115434**
WNW **1359 SAN MATEO AVE** **CAR000013698**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.065 mi.
341 ft. **Site 19 of 22 in cluster E**

Relative: **Higher**
Actual: **22 ft.**

RCRA-SQG:
Date Form Received by Agency: 19960711
Handler Name: ARCOS ENTERPRISES
Handler Address: 1359 SAN MATEO AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAR000013698
Contact Name: EMILIO JR ARCO
Contact Address: 1359 SAN MATEO AVE
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 415-872-2022
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: SAN MATEO AVE
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: EMILIO ARCO JR
Owner Type: Private
Operator Name: Not reported
Operator Type: Not reported

ARCOS ENTERPRISES (Continued) **1001115434**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

ARCOS ENTERPRISES (Continued) **1001115434**

Handler - Owner Operator:
- Owner/Operator Indicator: Owner
- Owner/Operator Name: EMILIO ARCO JR
- Legal Status: Private
- Date Became Current: Not reported
- Date Ended Current: Not reported
- Owner/Operator Address: 1359 SAN MATEO AVE
- Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Owner/Operator Telephone: 415-872-2022
- Owner/Operator Telephone Ext: Not reported
- Owner/Operator Fax: Not reported
- Owner/Operator Email: Not reported

Historic Generators:
- Receive Date: 19960711
- Handler Name: ARCOS ENTERPRISES
- Federal Waste Generator Description: Small Quantity Generator
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

E100 **ARCOS AUTO BODY & DETAIL** **San Mateo Co. BI** **S117397881**
WNW **1359-61 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.065 mi.
341 ft. **Site 20 of 22 in cluster E**

Relative: Higher
Actual: 22 ft.

San Mateo Co. BI:
- Name: ARCOS AUTO BODY & DETAIL
- Address: 1359-61 SAN MATEO
- City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Region: SAN MATEO
- Facility ID: FA0023980
- Prog Element Code: GEN <1 TONS HAZ WASTE/YR
- Record Id: PR0028196
- Description: GEN <1 TONS HAZ WASTE/YR
- Facility Status: Inactive, non-billable
- Program Category: HAZARDOUS WASTE PROGRAM

ARCOS AUTO BODY & DETAIL (Continued) **S117397881**

Name:	ARCOS AUTO BODY & DETAIL
Address:	1359-61 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0023980
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0028197
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

K101 **CHEVRON STATION #7875** **SWEEPS UST** **S104494146**
NE **300 S AIRPORT BLVD** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080**
0.065 mi.
342 ft. **Site 1 of 14 in cluster K**

Relative: **Lower**
Actual: **19 ft.**

SWEEPS UST:

Name:	CHEVRON STATION #7875
Address:	300 S AIRPORT BLVD
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550049
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550049-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	4

Name:	CHEVRON STATION #7875
Address:	300 S AIRPORT BLVD
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550049
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	10-13-88
Owner Tank Id:	UNKNOWN
SWRCB Tank Id:	41-000-550049-000002
Tank Status:	A
Capacity:	5000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PREMIUM UNLE
Number Of Tanks:	Not reported

CHEVRON STATION #7875 (Continued) **S104494146**

Name:	CHEVRON STATION #7875
Address:	300 S AIRPORT BLVD
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550049
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550049-000003
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	CHEVRON STATION #7875
Address:	300 S AIRPORT BLVD
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550049
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550049-000004
Tank Status:	A
Capacity:	1000
Active Date:	04-20-94
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

K102 **GREINER SERVICE STATIONS INC** **UST** **U004312072**
NE **300 S AIRPORT BLVD** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.065 mi.
342 ft. **Site 2 of 14 in cluster K**

Relative: UST:
Lower

Name:	GREINER SERVICE STATIONS INC
Address:	300 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	FA0066751
Permitting Agency:	San Mateo County Environmental Health
CERSID:	10840324
Latitude:	37.646164
Longitude:	-122.405785

Actual:
19 ft.

Name:	GREINER SERVICE STATIONS INC
Address:	300 S AIRPORT BLVD

GREINER SERVICE STATIONS INC (Continued) **U004312072**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	41-000-017712
Permitting Agency:	San Mateo County Environmental Health
CERSID:	10066141
Latitude:	37.646187
Longitude:	-122.4058

K103 **CHEVRON 97875** **RCRA-LQG** **1006805267**
NE **300 S AIRPORT BLVD.** **CAR000125302**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.065 mi.
342 ft. **Site 3 of 14 in cluster K**

Relative: **Lower**
Actual: **19 ft.**

RCRA-LQG:

Date Form Received by Agency:		20080219
Handler Name:	CHEVRON 97875	
Handler Address:		300 S AIRPORT BLVD.
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAR000125302
Contact Name:		KATHY L NORRIS
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		925-842-5931
Contact Fax:		Not reported
Contact Email:		NAWTDESK@CHEVRON.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2007
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 6004
Mailing City,State,Zip:		SAN RAMON, CA 94583
Owner Name:		CHEVRON PRODUCTS CO.
Owner Type:		Private
Operator Name:		CHEVRON PRODUCTS CO.
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---

CHEVRON 97875 (Continued) **1006805267**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20081015
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

CHEVRON 97875 (Continued) **1006805267**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO.
Legal Status:	Private
Date Became Current:	19710825
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON USA INC.
Legal Status:	Private
Date Became Current:	19710827
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON USA INC.
Legal Status:	Private
Date Became Current:	19710827
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO.
Legal Status:	Private
Date Became Current:	19710825
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported

CHEVRON 97875 (Continued) **1006805267**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO.
Legal Status:	Private
Date Became Current:	19710227
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO.
Legal Status:	Private
Date Became Current:	19710827
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON USA INC.
Legal Status:	Private
Date Became Current:	19710827
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON USA INC.
Legal Status:	Private
Date Became Current:	19710827
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060216
Handler Name: CHEVRON 97875	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported

CHEVRON 97875 (Continued) **1006805267**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020617
Handler Name:	CHEVRON STATION NO 97875
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040224
Handler Name:	CHEVRON 97875
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060216
Handler Name:	CHEVRON 97875
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080219
Handler Name:	CHEVRON 97875
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

CHEVRON 97875 (Continued) **1006805267**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K104 **GREINER SERVICE STATIONS INC.** **RCRA NonGen / NLR** **1024832065**
NE **300 S. AIRPORT BLVD** **CAL000369730**
< 1/8 **S SAN FRAN, CA 94080**
0.065 mi.
342 ft. **Site 4 of 14 in cluster K**

Relative: **Lower**
Actual: **19 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20111206
Handler Name: GREINER SERVICE STATIONS INC.
Handler Address: 300 S. AIRPORT BLVD
Handler City,State,Zip: S SAN FRAN, CA 94080
EPA ID: CAL000369730
Contact Name: JOSEPH CAMPAGNA
Contact Address: 300 S. AIRPORT BLVD
Contact City,State,Zip: S SAN FRAN, CA 94080
Contact Telephone: 650-583-3251
Contact Fax: 650-583-7881
Contact Email: VALEROSFO@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 300 S. AIRPORT BLVD
Mailing City,State,Zip: S SAN FRAN, CA 94080-0000
Owner Name: GREINER SERVICE STATIONS INC.
Owner Type: Other
Operator Name: JOSEPH CAMPAGNA
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

GREINER SERVICE STATIONS INC. (Continued) **1024832065**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GREINER SERVICE STATIONS INC.
Legal Status:	Other

GREINER SERVICE STATIONS INC. (Continued) **1024832065**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 S. AIRPORT BLVD
Owner/Operator City,State,Zip:	S SAN FRAN, CA 94080-0000
Owner/Operator Telephone:	650-583-3251
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSEPH CAMPAGNA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 S. AIRPORT BLVD
Owner/Operator City,State,Zip:	S SAN FRAN, CA 94080
Owner/Operator Telephone:	650-583-3251
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20111206
Handler Name:	GREINER SERVICE STATIONS INC.
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

K105 **GREINER SERVICE STATIONS INC** **EDR Hist Auto** **1020737562**
NE **300 S AIRPORT BLVD** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.065 mi.
342 ft. **Site 5 of 14 in cluster K**

Relative: EDR Hist Auto
Lower

Actual:
19 ft.

Year:	Name:	Type:
1982	GREINER SERVICE STATIONS INC	Gasoline Service Stations
1983	GREINER SERVICE STATIONS INC	Gasoline Service Stations
1987	GREINER SERVICE STATIONS INC	Gasoline Service Stations
1988	GREINER SERVICE STATIONS INC	Gasoline Service Stations
1989	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
1992	SMOG CHECK STATIONS	Gasoline Service Stations
1993	SMOG CHECK STATIONS	Gasoline Service Stations
1994	SMOG CHECK STATIONS	Gasoline Service Stations
1995	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
1995	SMOG CHECK STATIONS	Gasoline Service Stations
1996	SMOG CHECK STATIONS	Gasoline Service Stations
1996	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
1997	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
1998	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
1999	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2000	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2001	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2002	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2003	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2004	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2005	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2006	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2007	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2008	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2009	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2011	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2012	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2013	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC
2014	GREINER SERVICE STATIONS INC	Gasoline Service Stations, NEC

K106 **CHEVRON 9-7875** **LUST** **S110060527**
NE **300 SOUTH AIRPORT BOULEVARD** **Cortese** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.065 mi. **CERS**
342 ft. **Site 6 of 14 in cluster K**

Relative: LUST:
Lower

Actual:
19 ft.

Name:	CHEVRON 9-7875
Address:	300 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100864
Global Id:	T0608100864
Latitude:	37.645985
Longitude:	-122.404449
Status:	Completed - Case Closed
Status Date:	12/11/2002
Case Worker:	JM
RB Case Number:	41-0939
Local Agency:	SAN MATEO COUNTY LOP

CHEVRON 9-7875 (Continued) **S110060527**

File Location: Local Agency Warehouse
Local Case Number: 550134
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100864
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100864
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100864
Action Type: ENFORCEMENT
Date: 09/29/1994
Action: Notice of Responsibility - #1

Global Id: T0608100864
Action Type: Other
Date: 09/20/1994
Action: Leak Reported

LUST:
Global Id: T0608100864
Status: Open - Case Begin Date
Status Date: 09/20/1994

Global Id: T0608100864
Status: Completed - Case Closed
Status Date: 12/11/2002

CORTESE:
Name: CHEVRON 9-7875
Address: 300 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100864
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported

CHEVRON 9-7875 (Continued) **S110060527**

Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CHEVRON
edr_fadd1:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0939

CERS:

Name:	CHEVRON 9-7875
Address:	300 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	202099
CERS ID:	T0608100864
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

K107 **97875** **HIST UST** **U001594726**
NE **300 SO AIRPORT BLVD** **N/A**
< 1/8 **SO SAN FRANCISCO, CA 94080**
0.065 mi.
342 ft. **Site 7 of 14 in cluster K**

Relative: **Lower**

Actual: **19 ft.**

HIST UST:

Name:	97875
Address:	300 SO AIRPORT BLVD
City,State,Zip:	SO SAN FRANCISCO, CA 94080
File Number:	0002BD18
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BD18.pdf
Region:	STATE
Facility ID:	00000063045
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	GREINER,FRANK
Telephone:	4155833251
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1971
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1971
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1971
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1956
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000130
Leak Detection:	Stock Inventor

97875 (Continued) **U001594726**

Click here for Geo Tracker PDF:

K108 **GREINER SERVICE STATIONS INC DBA AIRPORT VALERO** **RCRA NonGen / NLR** **1024869708**
NE **300 S AIRPORT BLVD** **CAL000438327**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.065 mi.
342 ft. **Site 8 of 14 in cluster K**

Relative: **Lower**
Actual: **19 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20201118
Handler Name:	GREINER SERVICE STATIONS INC DBA AIRPORT VALERO
Handler Address:	300 S AIRPORT BLVD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000438327
Contact Name:	ROBIN MOORE
Contact Address:	EUCLID AVE #7
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	559-259-9531
Contact Fax:	650-538-7881
Contact Email:	AIRPORT.VALERO@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	300 S AIRPORT BLVD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	GREINER SERVICE STATIONS INC
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

GREINER SERVICE STATIONS INC DBA AIRPORT VALERO (Continued) **1024869708**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201119
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GREINER SERVICE STATIONS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 S AIRPORT BLVD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	530-263-7868
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KURT GREINER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 S AIRPORT BLVD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	530-263-7868
Owner/Operator Telephone Ext:	Not reported

GREINER SERVICE STATIONS INC DBA AIRPORT VALERO (Continued) **1024869708**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GREINER SERVICE STATIONS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 440 HUDSON ST
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 530-263-7868
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 650-583-7881
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180813
Handler Name: GREINERS SERVICE STATIONS INC DBA AIRPORT VALERO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20201118
Handler Name: GREINER SERVICE STATIONS INC DBA AIRPORT VALERO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 447190
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K109 **GREINER SERVICE STATIONS INC** **CERS HAZ WASTE** **S121750548**
NE **300 S AIRPORT BLVD** **CERS TANKS** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.065 mi.
342 ft. **Site 9 of 14 in cluster K**

Relative:
Lower

Actual:
19 ft.

CERS HAZ WASTE:

Name:	GREINER SERVICE STATIONS INC
Address:	300 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	18356
CERS ID:	10840324
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	GREINER SERVICE STATIONS INC
Address:	300 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	18356
CERS ID:	10840324
CERS Description:	Underground Storage Tank

CERS:

Name:	GREINER SERVICE STATIONS INC
Address:	300 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	18356
CERS ID:	10840324
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC
Violation Date:	11-07-2019
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 02/20/2020.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC
Violation Date:	11-17-2020
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes:	Returned to compliance on 04/27/2021. The failed 5 gallon spill buckets have yet been reported since November of 2019. Replace spill buckets within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Violation Date: 11-07-2019
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 02/20/2020. Facility has changed ownership from Joe Campagna and Kurt Greiner to Paul Goswamy DBA Greiner service stations. Please request new CERS ID # in CERS system and complete the required HMBP submittal as well as the UST Forms submittal online. https://cersbusiness2.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC
Violation Date: 11-07-2019
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description: Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes: Not reported
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC
Violation Date: 11-07-2019
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Response Plan.
Violation Notes: Returned to compliance on 02/20/2020.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC
Violation Date: 11-17-2020
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 05/06/2021. During inspection, financial assurance document could not be located. Make sure to have an updated financial assurance at the facility within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC
Violation Date: 11-17-2020
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 04/27/2021. The triggering mechanism of the overfill device for the Diesel UST failed. Replace overfill prevention device for the diesel system within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC
Violation Date:	11-07-2019
Citation:	HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description:	Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes:	Returned to compliance on 11/07/2019. small amount of water observed in the diesel fill and turbine sumps
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC
Violation Date:	11-07-2019
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 02/20/2020.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Violation Date:	11-17-2020
Citation:	23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)
Violation Description:	Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows: Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection. For inspections performed on or after October 1, 2018, copies of the "Designated Underground Storage Tank Operator Visual Inspection Report" must be kept for 36 months from the month of inspection.
Violation Notes:	Returned to compliance on 04/30/2021. No testing reports were found on site. All testing reports and repair records need to be kept up to date. Replenish testing report at the facility within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC
Violation Date:	11-07-2019
Citation:	23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description:	Failure to submit or maintain a current facility plot plan.
Violation Notes:	Returned to compliance on 02/20/2020.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC
Violation Date:	11-07-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/20/2020.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC
Violation Date:	11-07-2019
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 02/20/2020. All employees will need some general awareness training in safe management of hazardous waste. Notify Dan Rompf drompf@smcgov.org once training has been completed. Discuss spill cleanup, management of spill clean up debris, rainwater removal and oily liquid/gas/water proper storage and disposal/ labeling requirements.
Violation Division:	San Mateo County Environmental Health

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Violation Program: HW
Violation Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC
Violation Date: 11-17-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 04/30/2021. Conduct and document employee training to satisfy the HMBP requirement within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC
Violation Date: 11-17-2020
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes: Returned to compliance on 04/27/2021. All three spill bucket not only would not hold liquid but did not meet the 5 gallon capacity requirements. Two of the spill buckets failed the 5 gallon capacity requirement during last November s annual monitoring certification. A year later nothing has been done. This is a class II violations. Facility must replace all three spill buckets within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC
Violation Date: 11-07-2019
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/20/2020.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Violation Date:	11-17-2020
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 04/27/2021.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC
Violation Date:	11-07-2019
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	EPA ID PROFILE is for Kurt Greiner, Facility will need new EPA ID #. Go to the DTSC website and fill out the 1358 form and request a new EPA ID so that you can dispose of hazardous waste, including waste absorbent, spill clean up waste, test liquids, and any other contaminated materials. Map ID Number: CAL000438327 Name: GREINERS SERVICE STATIONS INC DBA AIRPORT VALERO County: SAN MATEO NAICS: 447190 Status: ACTIVE Inactive Date: Record Entered: 8/13/2018 11:59:13 AM Last Updated: 8/13/2018 11:59:13 AM Name Address City State Zip Code Phone Location GREINERS SERVICE STATIONS INC DBA AIRPORT VALERO 300 S AIRPORT BLVD SOUTH SAN FRANCISCO CA 94080 Mailing 300 S AIRPORT BLVD SOUTH SAN FRANCISCO CA 94080 Owner GREINER SERVICE STATIONS INC 300 S AIRPORT BLVD SOUTH SAN FRANCISCO CA 94080 5302637868 Operator/Contact KURT GREINER 300 S AIRPORT BLVD SOUTH SAN FRANCISCO CA 94080 5302637868 Based Only Upon ID Number: CAL000438327
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	18356
Site Name:	GREINER SERVICE STATIONS INC
Violation Date:	11-07-2019
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Returned to compliance on 04/27/2021. OBSERVATION:Spill buckets do not meet 5 gallon minimum requiremnets, and both 87, and diesel buckets failed to hold liquid during the spill bucket test. Discussed with owner repairs/modifications to ensure the buckets can have 5 gallon capacity. Owner/Operator failed to meet one or more of the following spill container requirements: install or maintain spill container

GREINER SERVICE STATIONS INC (Continued) **S121750548**

which is liquid-tight, has a minimum capacity of five gallons, has a functional drain valve or other method for the removal of liquid from the spill container, and is resistant to galvanic corrosion; did not perform tightness test at installation, every 12 months thereafter, or within 30 days after a repair; did not have tested using manufacturer's guidelines, industry codes, engineering standards, or method approved by PE, or was not tested by a certified UST service technician; or failed to maintain testing records for 36 months. CORRECTIVE ACTION: Install or repair spill buckets to meet all of the listed [Truncated]

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 12-22-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-23-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-06-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: follow up on open violations and extension for repairs, and looking at incomplete cers report to let owner know what he needs to do.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-12-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: tank forms review update.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-07-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: inspection coordination
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-16-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Dan’s site. Review CERS
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The October 2019 and March 2020 CERS reports were not accepted as of 7AM on 11/17/2020. During inspection, a text message from Mr. Dan Rompf that a new CERS submission has came through and has been approved.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-17-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-21-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: AMC report received, reviewed, scanned and uplaoded to File/
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-01-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: site map discussion and updates for Greiners under new cers ID.

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-06-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-16-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual UST inspection coincided with annual monitoring certification
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: violation follow up and report review for failed spill buckets.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-11-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: working with air board BAAQMD to get permit expedited to take care of philtite swtch out on overfill system and spill buckets.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-02-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: facilty map requests etc and email contatcs updated in EC all PEs
Eval Division: San Mateo County Environmental Health
Eval Program: UST

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-06-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: docs review prior inpection
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-07-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-07-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: on-site with TEC to conduct Annual monitoring certification with Eco Chek Compliance. There was a cold start inspection back in september 2019, and today on 11/7/2019 is the anniversary date of the Annual Monitoring Certification.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-16-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC
Site Address: 300 S AIRPORT BLVD
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 04-14-2021
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Site Address: 300 S AIRPORT BLVD
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 10-21-2020
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV certified letter delivered to business on 10/27/2020. 3/25/21:NOV RESOLVED.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 18356
Site Name: GREINER SERVICE STATIONS INC
Site Address: 300 S AIRPORT BLVD
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 04-14-2021
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 18356
Facility Name: GREINER SERVICE STATIONS INC
Env Int Type Code: HMBP
Program ID: 10840324
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.646164
Longitude: -122.405785

Affiliation:
Affiliation Type Desc: UST Property Owner Name
Entity Name: American River Properties
Entity Title: Not reported
Affiliation Address: 1517 North Point Suite #513
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94123
Affiliation Phone: (650) 583-3251,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Affiliation Type Desc:	Document Preparer
Entity Name:	Robin Moore
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Kevin Goswamy
Entity Title:	Not reported
Affiliation Address:	300 South Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Greiner Service Stations Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 583-3251,

Affiliation Type Desc:	Identification Signer
Entity Name:	Robin Moore
Entity Title:	Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	GREINER SERVICE STATIONS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Greiner Service Station, Inc.
Entity Title:	Not reported
Affiliation Address:	300 S. Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States

GREINER SERVICE STATIONS INC (Continued) **S121750548**

Affiliation Zip:	94080
Affiliation Phone:	(650) 583-3251,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	300 S Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Paul Goswamy
Entity Title:	Not reported
Affiliation Address:	300 South Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 583-3251,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	Greiner Service Station, Inc.
Entity Title:	Not reported
Affiliation Address:	300 S. Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 583-3251,

K110 **CHEVRON 9-7875** **LUST** **S105030448**
NE **300 AIRPORT** **San Mateo Co. BI** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080**
0.065 mi.
342 ft. **Site 10 of 14 in cluster K**

Relative: **Lower**

Actual: **19 ft.**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550134
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CHEVRON 9-7875 (Continued) **S105030448**

San Mateo Co. BI:

Name:	GREINER SERVICE STATIONS INC
Address:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0022605
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0070018
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	GREINER SERVICE STATIONS INC
Address:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0022605
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0070020
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	GREINER SERVICE STATIONS INC
Address:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0022605
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0070019
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	CHEVRON STATION
Address:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017712
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0023568
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	CHEVRON STATION
Address:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017712
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0027466
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name: CHEVRON STATION

CHEVRON 9-7875 (Continued) **S105030448**

Address:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017712
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022603
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	GREINER SERVICE STATIONS INC
Address:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0066751
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0089941
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	GREINER SERVICE STATIONS INC
Address:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0066751
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0089943
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Active, billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	GREINER SERVICE STATIONS INC
Address:	300 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0066751
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0089942
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

K111 **CHEVRON STATION NO 97875** **LUST** **S113176819**
NE **300 S AIRPORT BLVD** **HAZNET** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.065 mi.
342 ft. **Site 11 of 14 in cluster K**

Relative: **Lower**
Actual: **19 ft.**

SAN MATEO CO. LUST:

Name:	CHEVRON 9-7875
Address:	300 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550134
Facility Status:	9- Case Closed
Global ID:	T0608100864
APN Number:	015141270

CHEVRON STATION NO 97875 (Continued) **S113176819**

Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HAZNET:
Name: CHEVRON STATION NO 97875
Address: 300 S AIRPORT BLVD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940806704
Contact: KATHY NORRIS-SLUSHER
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004

Year: 2011
Gepaid: CAR000125302
TSD EPA ID: CAD059494310
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 4.935

Year: 2011
Gepaid: CAR000125302
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0375

Year: 2011
Gepaid: CAR000125302
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.015

Year: 2011
Gepaid: CAR000125302
TSD EPA ID: CAD982444481
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.861

Year: 2010
Gepaid: CAR000125302
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075

Year: 2010
Gepaid: CAR000125302
TSD EPA ID: CAD982444481

CHEVRON STATION NO 97875 (Continued) **S113176819**

CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: -
Tons: Not reported

Year: 2010
Gepaid: CAR000125302
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.0275

Year: 2008
Gepaid: CAR000125302
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H129 - Other Treatment
Tons: 0.075

Year: 2008
Gepaid: CAR000125302
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.1

Year: 2007
Gepaid: CAR000125302
TSD EPA ID: CAD008302903
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.953

Click this hyperlink while viewing on your computer to access
10 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2004
Gen EPA ID: CAR000125302

Shipment Date: 20041025
Creation Date: 12/31/2004 18:30:54
Receipt Date: 20041028
Manifest ID: 23834990
Trans EPA ID: CAR000111146
Trans Name: CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D001

CHEVRON STATION NO 97875 (Continued) **S113176819**

Meth Code:	R01 - Recycler
Quantity Tons:	0.0336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040729
Creation Date:	11/5/2004 18:30:59
Receipt Date:	20040804
Manifest ID:	22507573
Trans EPA ID:	CAR000111146
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3948
Waste Quantity:	94
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040712
Creation Date:	11/5/2004 18:30:59
Receipt Date:	20040720
Manifest ID:	23553527
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SVS INC-NO
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SERVICES INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CHEVRON STATION NO 97875 (Continued) **S113176819**

Shipment Date:	20040305
Creation Date:	8/23/2004 8:48:57
Receipt Date:	20040311
Manifest ID:	23552203
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SVS INC-NO
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SVS
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040305
Creation Date:	8/16/2004 14:02:25
Receipt Date:	Not reported
Manifest ID:	23552203
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SVS INC-NO
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SVS
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAR000125302

Shipment Date:	20030912
Creation Date:	10/19/2004 7:53:30
Receipt Date:	20030919
Manifest ID:	22455525
Trans EPA ID:	CAR000129304

CHEVRON STATION NO 97875 (Continued) **S113176819**

Trans Name:	FILTER RECYCLING SVS INC-NORTH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030508
Creation Date:	8/5/2003 18:31:37
Receipt Date:	20030509
Manifest ID:	22265750
Trans EPA ID:	CAR000111146
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1134
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030109
Creation Date:	4/2/2003 10:19:57
Receipt Date:	20030109
Manifest ID:	21800458
Trans EPA ID:	CAR000111146
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001

CHEVRON STATION NO 97875 (Continued) **S113176819**

Meth Code:	R01 - Recycler
Quantity Tons:	1.386
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAR000125302
Shipment Date:	20051117
Creation Date:	7/12/2006 18:32:38
Receipt Date:	20051121
Manifest ID:	24506776
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SVS INC-NO
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SERVICES INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050609
Creation Date:	9/15/2005 18:32:02
Receipt Date:	20050609
Manifest ID:	24143594
Trans EPA ID:	CAR000162263
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	3.6834
Waste Quantity:	877
Quantity Unit:	G
Additional Code 1:	Not reported

CHEVRON STATION NO 97875 (Continued) **S113176819**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000125302
Shipment Date:	20111116
Creation Date:	2/15/2012 20:30:21
Receipt Date:	20111128
Manifest ID:	008883232JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111116
Creation Date:	2/15/2012 20:30:21
Receipt Date:	20111128
Manifest ID:	008883232JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CHEVRON STATION NO 97875 (Continued) **S113176819**

Additional Code 5:	Not reported
Shipment Date:	20111116
Creation Date:	2/15/2012 20:30:21
Receipt Date:	20111128
Manifest ID:	008883232JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110906
Creation Date:	11/30/2011 18:30:36
Receipt Date:	20110915
Manifest ID:	008418068JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110906
Creation Date:	11/30/2011 18:30:36
Receipt Date:	20110915
Manifest ID:	008418068JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC

CHEVRON STATION NO 97875 (Continued) **S113176819**

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.021
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110301
Creation Date: 4/27/2011 18:30:35
Receipt Date: 20110301
Manifest ID: 007288878JJK
Trans EPA ID: CAR000209023
Trans Name: CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS ENVIRONMENTAL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 4.935
Waste Quantity: 1175
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAR000125302

Shipment Date: 20100217
Creation Date: 6/10/2010 18:30:08
Receipt Date: 20100224
Manifest ID: 006656220JJK
Trans EPA ID: CAR000172478
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481

CHEVRON STATION NO 97875 (Continued) **S113176819**

Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100217
Creation Date:	6/10/2010 18:30:08
Receipt Date:	20100224
Manifest ID:	006656220JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100217
Creation Date:	6/10/2010 18:30:08
Receipt Date:	20100224
Manifest ID:	006656220JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150

CHEVRON STATION NO 97875 (Continued) **S113176819**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAR000125302
Shipment Date:	20070905
Creation Date:	11/6/2007 18:30:22
Receipt Date:	20070910
Manifest ID:	003318679JJK
Trans EPA ID:	CAR000152785
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.953
Waste Quantity:	465
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070810
Creation Date:	11/6/2007 18:30:06
Receipt Date:	20070820
Manifest ID:	001869992JJK
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CHEVRON STATION NO 97875 (Continued) **S113176819**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAR000125302

Shipment Date: 20060518
Creation Date: 8/24/2006 18:33:57
Receipt Date: 20060524
Manifest ID: 25151312
Trans EPA ID: CAR000129304
Trans Name: FILTER RECYCLING SVS INC NO
Trans 2 EPA ID: CAD982444481
Trans 2 Name: FILTER RECYCLING SERVICES INC
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060417
Creation Date: 8/24/2006 18:31:59
Receipt Date: 20060424
Manifest ID: 24675591
Trans EPA ID: CAR000162263
Trans Name: CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 1.2432
Waste Quantity: 296
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

CHEVRON STATION NO 97875 (Continued) **S113176819**

Year:	2008
Gen EPA ID:	CAR000125302
Shipment Date:	20081126
Creation Date:	4/28/2009 18:30:08
Receipt Date:	20081203
Manifest ID:	004818832JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081126
Creation Date:	4/28/2009 18:30:08
Receipt Date:	20081203
Manifest ID:	004818832JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CHEVRON STATION NO 97875
Address:	300 S AIRPORT BLVD
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806704
EPA ID:	CAR000125302

CHEVRON STATION NO 97875 (Continued) **S113176819**

Inactive Date:	06/30/2015
Create Date:	03/04/2003
Last Act Date:	07/22/2015
Mailing Name:	ATTN: WASTE DESK
Mailing Address:	PO BOX 6004
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN RAMON, CA 945830000
Owner Name:	CHEVRON
Owner Address:	PO BOX 6004
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN RAMON, CA 945830000
Contact Name:	KATHY NORRIS-SLUSHER
Contact Address:	6101 BOLLINGER CANYON RD.
Contact Address 2:	Not reported
City,State,Zip:	SAN RAMON, CA 94583

NAICS:

EPA ID:	CAR000125302
Create Date:	2003-10-23 13:13:52.000
NAICS Code:	44711
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	2003-03-04 14:25:35.18700
Inactive Date:	2015-06-30 00:00:00
Facility Name:	CHEVRON STATION NO 97875
Facility Address:	300 S AIRPORT BLVD
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940806704

EPA ID:	CAR000125302
Create Date:	2011-08-17 14:36:26.000
NAICS Code:	447110
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	2003-03-04 14:25:35.18700
Inactive Date:	2015-06-30 00:00:00
Facility Name:	CHEVRON STATION NO 97875
Facility Address:	300 S AIRPORT BLVD
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940806704

E112 **TAYLORMADE AUTOMOTIVE** **San Mateo Co. BI** **S117397464**
West **1357 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.066 mi.
348 ft. **Site 21 of 22 in cluster E**

Relative: **Higher**
Actual: **22 ft.**

San Mateo Co. BI:

Name:	TAYLORMADE AUTOMOTIVE
Address:	1357 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011777

TAYLORMADE AUTOMOTIVE (Continued) **S117397464**

Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004458
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	TAYLORMADE AUTOMOTIVE
Address:	1357 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011777
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0031477
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

E113 **TAYLOR MADE AUTOMOTIVE** **EDR Hist Auto** **1021631175**
West **1357 SAN MATEO AVE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.066 mi.
348 ft. **Site 22 of 22 in cluster E**

Relative: EDR Hist Auto
Higher

Actual:
22 ft.

Year:	Name:	Type:
1997	TAYLOR MADE AUTOMOTIVE	General Automotive Repair Shops
1998	TAYLOR MADE AUTOMOTIVE	General Automotive Repair Shops
1999	TAYLOR MADE AUTOMOTIVE	General Automotive Repair Shops
2000	TAYLOR MADE AUTOMOTIVE	General Automotive Repair Shops
2001	TAYLOR MADE AUTOMOTIVE	General Automotive Repair Shops
2002	TAYLOR MADE AUTOMOTIVE	General Automotive Repair Shops
2009	SOUTH CITY AUTO UPHOLSTERY	Interior Repair Services
2010	SOUTH CITY AUTO UPHOLSTERY	Interior Repair Services
2011	ARCO EMILIO A JR	Gasoline Service Stations
2012	ARCO EMILIO A JR	Gasoline Service Stations
2013	ARCO EMILIO A JR	Gasoline Service Stations
2014	ARCO EMILIO A JR	Gasoline Service Stations

I114 **ALI BABA** **San Mateo Co. BI** **S123182646**
NNW **1429 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.068 mi.
359 ft. **Site 7 of 7 in cluster I**

Relative: San Mateo Co. BI:
Higher

Actual:
21 ft.

Name:	ALI BABA
Address:	1429 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0046183
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0065619
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

H115 **CAL WEST ELECTRIC, INC** **ENVIROSTOR** **S100184190**
West **1341 SAN MATEO AVENUE** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080**
0.069 mi.
362 ft. **Site 4 of 6 in cluster H**

Relative:
Higher

Actual:
22 ft.

ENVIROSTOR:

Name:	CAL WEST ELECTRIC, INC
Address:	1341 SAN MATEO AVENUE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Facility ID:	41360099
Status:	Refer: Other Agency
Status Date:	07/27/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	* CERC2
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.64368
Longitude:	-122.4110
APN:	015112400
Past Use:	NONE SPECIFIED
Potential COC:	* OIL/WATER SEPARATION SLUDGE * ACID SOLUTION 2>PH WITH METALS * UNSPECIFIED ACID SOLUTION * UNSPECIFIED SLUDGE WASTE * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL Chromium VI
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	015112400
Alias Type:	APN
Alias Name:	41360099
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	06/01/1981
Comments:	FACILITY IDENTIFIED ACTIVE SITE ID'D FROM SANBORN MAPS
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	07/31/1989
Comments:	PRELIM ASSESS DONE CURRENTLY CAL WEST ELECTRIC, INC; DOES NOT POSE ANY OBSERVABLE PUBLIC AND ENVIRONMENTAL HEALTH THREAT; SITE INSPECTION LOW PRIORITY RECOMMENDED DUE TO INDICATION BY OWNER THAT MINOR SPILLS OF ETHYLENE GLYCOL, LUBRICATING OILS, AND SOLVENTS OCCURRED

CAL WEST ELECTRIC, INC (Continued) **S100184190**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	05/18/1987
Comments:	SITE SCREENING DONE RENTS GENERATORS AND DIESEL ENGINES.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

H116 **CAL-WEST ELECTRICS** **SEMS-ARCHIVE** **1003879292**
West **1341 SAN MATEO AVE** **CAD982358673**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.069 mi.
362 ft. **Site 5 of 6 in cluster H**

Relative: **Higher**
Actual: **22 ft.**

SEMS Archive:

Site ID:	0903140
EPA ID:	CAD982358673
Name:	CAL-WEST ELECTRICS
Address:	1341 SAN MATEO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Cong District:	11
FIPS Code:	06081
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0903140
EPA ID:	CAD982358673
Site Name:	CAL-WEST ELECTRICS
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1989-12-19 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	09
Site ID:	0903140
EPA ID:	CAD982358673
Site Name:	CAL-WEST ELECTRICS
NPL:	N
FF:	N
OU:	00

CAL-WEST ELECTRICS (Continued) **1003879292**

Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1989-12-19 05:00:00
Qual:	N
Current Action Lead:	St Perf
Region:	09
Site ID:	0903140
EPA ID:	CAD982358673
Site Name:	CAL-WEST ELECTRICS
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1987-12-01 05:00:00
Finish Date:	1987-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	St Perf

H117 **HEAT & CONTROL INC** **San Mateo Co. BI** **S117397457**
West **1341 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.069 mi.
362 ft. **Site 6 of 6 in cluster H**

Relative: **Higher**
Actual: **22 ft.**

San Mateo Co. BI:

Name:	HEAT & CONTROL INC
Address:	1341 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011758
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004448
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

J118 **CRESCO EQUIPMENT RENTALS** **CERS HAZ WASTE** **S121772432**
NNW **1431 SAN MATEO AVE** **CERS TANKS** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080** **CERS**
0.073 mi.
384 ft. **Site 4 of 8 in cluster J**

Relative: **Higher**
Actual: **21 ft.**

CERS HAZ WASTE:

Name:	CRESCO EQUIPMENT RENTALS
Address:	1431 SAN MATEO AVE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Site ID:	390793
CERS ID:	10065295
CERS Description:	Hazardous Waste Generator

CRESCO EQUIPMENT RENTALS (Continued) **S121772432**

CERS TANKS:

Name:	CRESCO EQUIPMENT RENTALS
Address:	1431 SAN MATEO AVE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Site ID:	390793
CERS ID:	10065295
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	CRESCO EQUIPMENT RENTALS
Address:	1431 SAN MATEO AVE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Site ID:	390793
CERS ID:	10065295
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	390793
Site Name:	CRESCO EQUIPMENT RENTALS
Violation Date:	10-04-2019
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Release/Leaks/Spills - General
Violation Notes:	Returned to compliance on 01/07/2020. Facility exceeds 1,320 gallons of petroleum products onsite and therefore subject to APSA SPCC Spill Prevention Control and Countermeasure plan requirements. Inspection revealed secondary containment on tanks and containers however SPCC spill response training, template document, and monthly inspections will need to be implemented within 30 days. Dan will send a copy of the Tier I SPCC template.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	390793
Site Name:	CRESCO EQUIPMENT RENTALS
Violation Date:	08-27-2015
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 04/08/2016. open drum of bad diesel observed in back lot near fuel tanks. Cover this drum, label contents and dispose of in reasonable time. I do not believe this drum is rated for fuel storage.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	390793
Site Name:	CRESCO EQUIPMENT RENTALS
Violation Date:	10-04-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training

CRESCO EQUIPMENT RENTALS (Continued) **S121772432**

records for a minimum of three years.
Violation Notes: Returned to compliance on 01/07/2020. Facility appears to be training employees on spill response and emergency response procedures however training records on this subject was un-available. Please complete emergency response training and chemical safety training with employees within 30 days and send records attn dan at drompf@smcgov.org or text msg to 650-339-0327. Contact me with any questions.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 390793
Site Name: CRESCO EQUIPMENT RENTALS
Violation Date: 10-18-2017
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 09/07/2018. Include secondary emergency contact 24 hour#
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-06-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-13-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-20-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency

CRESCO EQUIPMENT RENTALS (Continued) **S121772432**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-01-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-19-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ADD SPCC program element to the HMBP program and adjust Program element for HMBP program.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

CRESCO EQUIPMENT RENTALS (Continued) **S121772432**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-02-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-08-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: rejected and contacted facility regarding missing contact info in the plan.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-01-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: email program updates
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

CRESCO EQUIPMENT RENTALS (Continued) **S121772432**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-08-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-21-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-02-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: violation follow up
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-07-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: adding spcc program element to permit
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-11-2016
Violations Found: No

CRESCO EQUIPMENT RENTALS (Continued) **S121772432**

Eval Type: Other, not routine, done by local agency
Eval Notes: APPROVED
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1431 san mateo ave
Affiliation City: s.san francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Document Preparer
Entity Name: Trey Kristal
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: CRESCO EQUIPMENT RENTALS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 588-3267,

Affiliation Type Desc: Environmental Contact
Entity Name: NRC ENVIRONMENTAL
Entity Title: Not reported
Affiliation Address: 1605 ferry point
Affiliation City: alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

CRESCO EQUIPMENT RENTALS (Continued) **S121772432**

Affiliation Type Desc:	Identification Signer
Entity Name:	Trey Kristal
Entity Title:	Compliance Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	CRESCO EQUIPMENT RENTALS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	CRESCO EQUIPMENT RENTALS
Entity Title:	Not reported
Affiliation Address:	318 STEALTH CT
Affiliation City:	LIVERMORE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94551
Affiliation Phone:	(925) 961-0130,

J119 **NORCAL RENTAL GROUP LLC DBA CRESCO EQUIPMENT RENTA** **RCRA NonGen / NLR** **1024814682**
NNW **1431 SAN MATEO AVE** **CAL000310069**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.073 mi.
384 ft. **Site 5 of 8 in cluster J**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20060809
Handler Name:	NORCAL RENTAL GROUP LLC DBA CRESCO EQUIPMENT RENTALS
Handler Address:	1431 SAN MATEO AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000310069
Contact Name:	LANCE TRACY
Contact Address:	318 STEALTH CT
Contact City,State,Zip:	LIVERMORE, CA 94551
Contact Telephone:	925-961-0130
Contact Fax:	Not reported
Contact Email:	LANCE_TRACY@CRESCORENT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported

NORCAL RENTAL GROUP LLC DBA CRESCO EQUIPMENT RENTALS (Continued) **1024814682**

State District:	Not reported
Mailing Address:	318 STEALTH CT
Mailing City,State,Zip:	LIVERMORE, CA 94551-0000
Owner Name:	NORCAL RENTAL GROUP LLC
Owner Type:	Other
Operator Name:	LANCE TRACY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

NORCAL RENTAL GROUP LLC DBA CRESCO EQUIPMENT RENTALS (Continued) **1024814682**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LANCE TRACY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	318 STEALTH CT
Owner/Operator City,State,Zip:	LIVERMORE, CA 94551
Owner/Operator Telephone:	925-961-0130
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NORCAL RENTAL GROUP LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	318 STEALTH CT
Owner/Operator City,State,Zip:	LIVERMORE, CA 94551-0000
Owner/Operator Telephone:	925-961-0130
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060809
Handler Name:	NORCAL RENTAL GROUP LLC DBA CRESCO EQUIPMENT RENTALS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56111
NAICS Description:	OFFICE ADMINISTRATIVE SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

J120 **CRESCO EQUIPMENT RENTALS** **San Mateo Co. BI** **S117397614**
NNW **1431 SAN MATEO** **N/A**
< 1/8 **, CA 94080**
0.073 mi.
384 ft. **Site 6 of 8 in cluster J**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	CRESCO EQUIPMENT RENTALS
Address:	1431 SAN MATEO
City,State,Zip:	CA 94080
Region:	SAN MATEO
Facility ID:	FA0015278
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004580
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	CRESCO EQUIPMENT RENTALS
Address:	1431 SAN MATEO
City,State,Zip:	CA 94080
Region:	SAN MATEO
Facility ID:	FA0015278
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011773
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	CRESCO EQUIPMENT RENTALS
Address:	1431 SAN MATEO
City,State,Zip:	CA 94080
Region:	SAN MATEO
Facility ID:	FA0015278
Prog Element Code:	2352
Record Id:	PR0090534
Description:	TIER I: TANK STOR CAP =>1,320 & <5,000 GAL
Facility Status:	Active, billable
Program Category:	ABOVE GROUND PETROLEUM STORAGE (AST)

G121 **ROYAL AUTO LIMO REPAIR INC** **LUST** **S113145634**
WSW **1331 SAN MATEO AVE** **HAZNET** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.077 mi.
409 ft. **Site 6 of 11 in cluster G**

Relative: **Higher**
Actual: **22 ft.**

SAN MATEO CO. LUST:

Name:	AMPHLETT PRINTING
Address:	1331 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	559003
Facility Status:	9- Case Closed
Global ID:	T0608117321
APN Number:	015112410
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HAZNET:

ROYAL AUTO LIMO REPAIR INC (Continued) **S113145634**

Name:	ROYAL AUTO LIMO REPAIR INC
Address:	1331 SAN MATEO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806511
Contact:	YOUSEF MUSTAFA
Telephone:	6505891135
Mailing Name:	Not reported
Mailing Address:	1331 SAN MATEO AVE
Year:	2013
Gepaid:	CAL000314661
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.47955
Year:	2007
Gepaid:	CAL000314661
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H020 - Solvents Recovery
Tons:	0.126

Additional Info:

Year:	2013
Gen EPA ID:	CAL000314661
Shipment Date:	20130718
Creation Date:	9/15/2013 22:15:33
Receipt Date:	20130722
Manifest ID:	011827282JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.47955
Waste Quantity:	115
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007

ROYAL AUTO LIMO REPAIR INC (Continued) **S113145634**

Gen EPA ID:	CAL000314661
Shipment Date:	20070223
Creation Date:	8/11/2007 18:30:05
Receipt Date:	20070302
Manifest ID:	000578731JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.126
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

HWTS:

Name:	ROYAL AUTO LIMO REPAIR INC
Address:	1331 SAN MATEO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806511
EPA ID:	CAL000314661
Inactive Date:	Not reported
Create Date:	12/22/2006
Last Act Date:	10/19/2020
Mailing Name:	Not reported
Mailing Address:	1331 SAN MATEO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806511
Owner Name:	YOUSEF MUSTAFA
Owner Address:	1331 SAN MATEO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Name:	YOUSEF MUSTAFA
Contact Address:	13682 QUITO RD
Contact Address 2:	Not reported
City,State,Zip:	SARATOGA, CA 95070

NAICS:

EPA ID:	CAL000314661
Create Date:	2006-12-22 08:20:06.850
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2006-12-22 08:20:06.60000
Inactive Date:	Not reported
Facility Name:	ROYAL AUTO LIMO REPAIR INC
Facility Address:	1331 SAN MATEO AVE

ROYAL AUTO LIMO REPAIR INC (Continued) **S113145634**

Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940806511

G122 **ROYAL AUTO LIMO REPAIR INC** **RCRA NonGen / NLR** **1025867455**
WSW **1331 SAN MATEO AVE** **CAL000314661**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.077 mi.
409 ft. **Site 7 of 11 in cluster G**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20061222
Handler Name:	ROYAL AUTO LIMO REPAIR INC
Handler Address:	1331 SAN MATEO AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6511
EPA ID:	CAL000314661
Contact Name:	YOUSEF MUSTAFA
Contact Address:	13682 QUITO RD
Contact City,State,Zip:	SARATOGA, CA 95070
Contact Telephone:	650-589-1135
Contact Fax:	650-872-8313
Contact Email:	ROYALAUTOLIMO@SBCGLOBAL.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1331 SAN MATEO AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6511
Owner Name:	YOUSEF MUSTAFA
Owner Type:	Other
Operator Name:	YOUSEF MUSTAFA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

ROYAL AUTO LIMO REPAIR INC (Continued) **1025867455**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	YOUSEF MUSTAFA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	90 DE CARLI CT
Owner/Operator City,State,Zip:	REDWOOD CITY, CA 94062-2865
Owner/Operator Telephone:	652-589-1135
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	YOUSEF MUSTAFA
Legal Status:	Other
Date Became Current:	Not reported

ROYAL AUTO LIMO REPAIR INC (Continued) **1025867455**

Date Ended Current:	Not reported
Owner/Operator Address:	13682 QUITO RD
Owner/Operator City,State,Zip:	SARATOGA, CA 95070
Owner/Operator Telephone:	650-589-1135
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20061222
Handler Name:	ROYAL AUTO LIMO REPAIR INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G123 **ROYAL AUTO REPAIR** **San Mateo Co. BI** **S117398372**
WSW **1331 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.077 mi.
409 ft. **Site 8 of 11 in cluster G**

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:

Name:	ROYAL AUTO REPAIR
Address:	1331 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0033252
Prog Element Code:	GEN <1 TONS HAZ WASTE/YR
Record Id:	PR0052148
Description:	GEN <1 TONS HAZ WASTE/YR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	ROYAL AUTO REPAIR
Address:	1331 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0033252

ROYAL AUTO REPAIR (Continued) **S117398372**

Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0052149
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

G124 **AMPHLETT PRINTING** **RCRA-SQG 1000242563**
WSW **1331 SAN MATEO AVENUE** **CPS-SLIC CAD062512967**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **FINDS**
0.077 mi. **ECHO**
409 ft. **Site 9 of 11 in cluster G** **CERS**

Relative: **Higher**
Actual: **22 ft.**

RCRA-SQG:

Date Form Received by Agency:		19860527
Handler Name:	AMPHLETT PRINTING	
Handler Address:		1331 SAN MATEO AVENUE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD062512967
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		1331 SAN MATEO AVENUE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-348-4493
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		SAN MATEO AVENUE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		AMPHLETT PRINTING
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported

AMPHLETT PRINTING (Continued) **1000242563**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMPHLETT PRINTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

AMPHLETT PRINTING (Continued) **1000242563**

Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19860527
Handler Name: AMPHLETT PRINTING	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

CPS-SLIC:

Name:	AMPHLETT PRINTING
Address:	1331 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/09/2005
Global Id:	T0608117321
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	559003
Latitude:	37.6431554286197
Longitude:	-122.411234378815
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

AMPHLETT PRINTING (Continued) **1000242563**

FINDS:
Registry ID: 110002653227

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000242563
Registry ID:	110002653227
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002653227
Name:	AMPHLETT PRINTING
Address:	1331 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

CERS:

Name:	AMPHLETT PRINTING
Address:	1331 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	258062
CERS ID:	T0608117321
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

G125 **ROYAL AUTO REPAIR** **CERS HAZ WASTE** **S121746127**
WSW **1331 SAN MATEO AVE** **CERS** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.077 mi.
409 ft. **Site 10 of 11 in cluster G**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:
Name: ROYAL AUTO REPAIR
Address: 1331 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 149269
CERS ID: 10069873
CERS Description: Hazardous Waste Generator

CERS:
Name: ROYAL AUTO REPAIR
Address: 1331 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 149269
CERS ID: 10069873
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 149269
Site Name: ROYAL AUTO REPAIR
Violation Date: 12-15-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/15/2017. Facility last waste pick up for thinner was by EcoTrans but cannot locate the manifest. Previous hauler was PCL, however they are not in this area anymore. Label on drum says 2012 possibly..
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149269
Site Name: ROYAL AUTO REPAIR
Violation Date: 12-09-2019
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 05/21/2020. OBSERVATION: The business could not demonstrate that the property owner has been notified in writing that the business is subject to the business plan program and has complied with its provisions. REQUIRED ACTION: Provide documentation to the San Mateo County CUPA that the property owner has been properly notified in writing.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

ROYAL AUTO REPAIR (Continued) **S121746127**

Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-11-2015
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Training - General
Violation Notes:	Returned to compliance on 04/11/2016. Perform a hazardous waste and emergency procedures training and chemical safety training within 60 days. Have employees sign in on training roster. San mateo county has trainings in our office periodically for free if you would wish to attend.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-11-2015
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Returned to compliance on 06/17/2016. inactive epa id #. Re activate the ID # within 30 days by filling out an DTSC 1358 form online. Contact dan with any questions on this. drompf@smcgov.org
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-09-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/21/2020. OBSERVATION: There are at least six portable containers in use in the facility for collecting hazardous waste prior to transfer to the waste tanks. Some of these of these have old deteriorated labels, and some have no labels at at all. REQUIRED ACTION: Ensure that all containers holding hazardous waste are labeled with the following requirements: "Hazardous Waste", name and address of the generator, composition and physical state, hazardous properties, and the accumulation start date. Submit documentation to the inspector showing that this has been accomplished.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-09-2019
Citation:	22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)

ROYAL AUTO REPAIR (Continued) **S121746127**

Violation Description:	Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes:	Returned to compliance on 01/21/2020. OBSERVATION: The facility cannot demonstrate that daily inspections of the hazardous waste tank system have been taking place, and are being documented. REQUIRED ACTION: Ensure that daily inspections of the hazardous waste tank systems are conducted and that records of these inspections are maintained at the facility. Submit documentation to the inspector showing that this has been conducted for at least the next two weeks.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-09-2019
Citation:	22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description:	Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes:	Returned to compliance on 05/21/2020. OBSERVATION: The facility has not obtained a written hazardous waste tank system assessment prior to placing hazardous waste tanks into use. REQUIRED ACTION: Obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer for hazardous waste tanks. The assessment must state that the hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls(if applicable) are suitably designed to meet the regulation.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-09-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 02/13/2020. OBSERVATION: There are what appear to be 5 old paint buckets under the wash sink in the corner of the shop. The owner stated that these are likely waste and need disposing of. REQUIRED ACTION: If these are determined to be hazardous waste, ensure that they are properly disposed of. Submit documentation to the inspector as to what determination was made.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW

ROYAL AUTO REPAIR (Continued) **S121746127**

Violation Source:	CERS,
Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-09-2019
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 01/21/2020. OBSERVATION: There were three 55 gallon drums, and one 5 gallon bucket of used oil and fuel filters without lids. The 5 gallon bucket lacked an label. REQUIRED ACTION: Ensure that all containers of used oil filters are closed except when adding or removing drained used oil filters. Ensure that all containers are properly labeled. Submit documentation to the inspector that this has been accomplished.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-11-2015
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes:	Returned to compliance on 06/17/2016. Eyewash does not appear to have any recent inspections or fluids being changed out to ensure it is clean. Inspect equipment monthly and make sure proper saline solution is in the eyewash station. Make sure it is flushed out and fresh fluid is added. Facility also had a fire extinguisher that is discharged from 2013. Ensure these are checked monthly and available for use.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-11-2015
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 06/17/2016. close all of the used oil filter drums to be sure that there can be no spill or release. Funnel for used thinner (flammable waste) was also opened but corrected onsite. The drum of new thinner being dispensed out will also need a grounding clip, however this is a fire department regulation. Please advise.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-09-2019

ROYAL AUTO REPAIR (Continued) **S121746127**

Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/21/2020. OBSERVATION: Training records for all applicable employees were not available at the time of the inspection. REQUIRED ACTION: Perform training for all employees in safety procedures in the event of a release or threatened release of a hazardous material, and submit documentation to the San Mateo County CUPA demonstrating that all employees have received training. Ensure that initial and annual refresher training records for all employees are retained for a minimum of three years.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-15-2017
Citation:	22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description:	Failure to properly complete the Uniform Hazardous Waste Manifest.
Violation Notes:	Returned to compliance on 01/03/2018. Locate most recent hazardous waste manifest for waste thinner disposal.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-11-2015
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 06/17/2016. Perform a hazardous waste and emergency procedures training and chemical safety training within 60 days. Have employees sign in on training roster. San mateo county has trainings in our office periodically for free if you would wish to attend.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	149269
Site Name:	ROYAL AUTO REPAIR
Violation Date:	12-09-2019
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

ROYAL AUTO REPAIR (Continued) **S121746127**

Violation Notes: Returned to compliance on 01/21/2020. OBSERVATION: There was an open portable container of what the facility owner stated was used antifreeze by the shop door, and the waste drum of used thinner's funnel was not latched. REQUIRED ACTION: Close all containers of hazardous waste except when adding or removing waste. Submit to the Inspector within 30 days, photos documenting that these containers have been closed or emptied.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149269
Site Name: ROYAL AUTO REPAIR
Violation Date: 12-09-2019
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 01/20/2020. OBSERVATION: Last documented employee training sign in sheet is dated from 2015. This sign in sheet does not meet LQG training records requirements. REQUIRED ACTION: Complete training for facility personnel, and ensure that all personnel are trained annually. The training records shall include: The job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job, a written job description for each position, duties of facility personnel assigned to each position and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 04-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-15-2017

ROYAL AUTO REPAIR (Continued) **S121746127**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-05-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	approved new plan
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-21-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	correspondence with facility over property owner notification letter. This was provided and efiled after correspobdence.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-15-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	portal approval and consultation on NAICS Code.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-11-2015
Violations Found:	No
Eval Type:	Routine done by local agency

ROYAL AUTO REPAIR (Continued) **S121746127**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-15-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility Generates: Waste antifreeze Last pick up - 35 gal 10/30/19
Used oil picked up weekly 100-300 gallons per week on average Filters
Last pick up 12/4/19 2 drums Paint Waste Last pick up 9/5/19 -55

ROYAL AUTO REPAIR (Continued) **S121746127**

gallons
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 149269
Site Name: ROYAL AUTO REPAIR
Site Address: 1331 SAN MATEO AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 02-11-2020
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Certified NOV letter delivered to business on 2/13/20. 4/24/20: 3 VIOLATIONS OPEN IN VIOLATION DISPATCH CENTER 7/15/20: no violations open, NOV resolved.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 149269
Site Name: ROYAL AUTO REPAIR
Site Address: 1331 SAN MATEO AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 02-11-2020
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Certified NOV letter delivered to business on 2/13/20. 4/24/20: 3 VIOLATIONS OPEN IN VIOLATION DISPATCH CENTER 7/15/20: no violations open, NOV resolved.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 149269
Site Name: ROYAL AUTO REPAIR
Site Address: 1331 SAN MATEO AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 02-08-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 4/4/16 spoke to Yousef and sent e-mail with remaining items, he has signed up for June training 6/1/16 Yousef has sent training records for hazardous waste and reactivated the EPA ID #. Violations now are resolved! .
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 149269
Facility Name: ROYAL AUTO REPAIR
Env Int Type Code: HWG

ROYAL AUTO REPAIR (Continued) **S121746127**

Program ID: 10069873
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.643200
Longitude: -122.411194

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1331 SAN MATEO AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Yousef Mustafa
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: ROYAL AUTO REPAIR
Entity Title: Not reported
Affiliation Address: 1331 SAN MATEO
Affiliation City: S SAN FRANCISCO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 872-8313,

Affiliation Type Desc: Parent Corporation
Entity Name: ROYAL AUTO REPAIR
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Lillian Domiguez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

ROYAL AUTO REPAIR (Continued) **S121746127**

Affiliation Type Desc:	Operator
Entity Name:	ROYAL AUTO REPAIR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 589-1135,

Affiliation Type Desc:	Property Owner
Entity Name:	FERRO TRUST
Entity Title:	Not reported
Affiliation Address:	559 6TH STREET
Affiliation City:	SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94103
Affiliation Phone:	(415) 982-0680,

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Yousef Mustafa
Entity Title:	Not reported
Affiliation Address:	1331 San Mateo Avenue
Affiliation City:	S. San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

G126 **FEDEX GROUND PACKAGE SYSTEM INC SAN FRANCISCO** **RCRA-SQG** **1000102501**
WSW **1070 SAN MATEO AVE** **CA0200090025**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.082 mi.
434 ft. **Site 11 of 11 in cluster G**

Relative: **Higher**
Actual: **21 ft.**

RCRA-SQG:

Date Form Received by Agency:	20140821
Handler Name:	FEDEX GROUND PACKAGE SYSTEM INC SAN FRANCISCO
Handler Address:	1070 SAN MATEO AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CA0200090025
Contact Name:	DEBRA B GEHM
Contact Address:	1000 FEDEX DR
Contact City,State,Zip:	MOON TOWNSHIP, PA 15108
Contact Telephone:	412-262-6291
Contact Fax:	412-859-2232

FEDEX GROUND PACKAGE SYSTEM INC SAN FRANCISCO (Continued) **1000102501**

Contact Email:	ENVIRONMENTAL@FEDEX.COM
Contact Title:	ENV COMPLIANCE SPEC
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	1000 FEDEX DR
Mailing City,State,Zip:	MOON TOWNSHIP, PA 15108
Owner Name:	FEDEX GROUND PACKAGE SYSTEM INC
Owner Type:	Private
Operator Name:	FEDEX GROUND PACKAGE SYSTEM INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

FEDEX GROUND PACKAGE SYSTEM INC SAN FRANCISCO (Continued) **1000102501**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20140829
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

FEDEX GROUND PACKAGE SYSTEM INC SAN FRANCISCO (Continued) **1000102501**

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U117
Waste Description: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: FEDEX GROUND PACKAGE SYSTEM INC
Legal Status: Private
Date Became Current: 20140613
Date Ended Current: Not reported
Owner/Operator Address: 1000 FEDEX DR
Owner/Operator City,State,Zip: MOON TOWNSHIP, PA 15108
Owner/Operator Telephone: 412-262-6291
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: US ASSAY OFFICE DEPT OF TREASURY
Legal Status: Federal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FEDEX GROUND PACKAGE SYSTEM INC
Legal Status: Private
Date Became Current: 20140613
Date Ended Current: Not reported

FEDEX GROUND PACKAGE SYSTEM INC SAN FRANCISCO (Continued) **1000102501**

Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19800818
Handler Name: USTD ASSAY OFFICE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140821
Handler Name: FEDEX GROUND PACKAGE SYSTEM INC SAN FRANCISCO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 49211
NAICS Description: COURIERS AND EXPRESS DELIVERY SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J127 **JOHNSTONE SUPPLY** **San Mateo Co. BI** **S117397472**
NNW **1445 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.082 mi.
434 ft. **Site 7 of 8 in cluster J**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:
Name: JOHNSTONE SUPPLY
Address: 1445 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO

JOHNSTONE SUPPLY (Continued) **S117397472**

Facility ID: FA0011882
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004464
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: JOHNSTONE SUPPLY
Address: 1445 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011882
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0047627
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

L128 **RUTLAND PLASTIC TECH** **San Mateo Co. BI** **S117397814**
SSE **310 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.087 mi.
461 ft. **Site 1 of 7 in cluster L**

Relative: **Lower**

Actual: **20 ft.**

San Mateo Co. BI:
Name: RUTLAND PLASTIC TECH
Address: 310 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0022375
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0026751
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: RUTLAND PLASTIC TECH
Address: 310 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0022375
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0024158
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: OLYMPIA RESTORATION
Address: 310 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0023340
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0026915
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

M129 **DELUXE PACKAGES** **RCRA-SQG** **1000428985**
SW **205 SHAW RD SO** **CPS-SLIC** **CAD000076570**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **HIST UST**
0.090 mi. **RAATS**
477 ft. **Site 1 of 15 in cluster M** **FINDS**
ECHO
Relative: **CERS**
Lower

Actual: RCRA-SQG:
20 ft.

Date Form Received by Agency:		19960901
Handler Name:	DELUXE PACKAGES	
Handler Address:		205 SHAW RD SO
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD000076570
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		P O BOX 2363 205 SHAW ROAD
Mailing City,State,Zip:		SAN FRANCISCO, CA 94080
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline

DELUXE PACKAGES (Continued) **1000428985**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020917
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

DELUXE PACKAGES (Continued) **1000428985**

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: DELUXE PACKAGES
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: DELUXE PACKAGES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 511199
NAICS Description: ALL OTHER PUBLISHERS

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19900412
Actual Return to Compliance Date: 19950412
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

DELUXE PACKAGES (Continued) **1000428985**

Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 175330
Final Monetary Amount: 175330
Paid Amount: Not reported
Final Count: 1
Final Amount: 175330

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19900412
Actual Return to Compliance Date: 19950412
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19900613
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General

DELUXE PACKAGES (Continued) **1000428985**

Date Violation was Determined: 19900412
Actual Return to Compliance Date: 19950412
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 175330
Final Monetary Amount: 175330
Paid Amount: Not reported
Final Count: 1
Final Amount: 175330

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19900412
Actual Return to Compliance Date: 19950412
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 003
Date of Enforcement Action: 19910522
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

DELUXE PACKAGES (Continued) **1000428985**

Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19860515
Actual Return to Compliance Date: 19900412
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General

DELUXE PACKAGES (Continued) **1000428985**

Date Violation was Determined: 19900412
Actual Return to Compliance Date: 19950412
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19900613
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 19900412
Actual Return to Compliance Date: 19950412
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 003
Date of Enforcement Action: 19910522
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

DELUXE PACKAGES (Continued) **1000428985**

Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19900412
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KBELL
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19950412
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900412
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KBELL
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19950412
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900412
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KBELL
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19950412
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900412

DELUXE PACKAGES (Continued) **1000428985**

Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KBELL
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19950412
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19860515
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19900412
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900412
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KBELL
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19950412
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900412
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KBELL
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19950412
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

SLIC REG 2:
Region: 2
Facility ID: 41S0024
Facility Status: Leak being confirmed
Date Closed: Not reported

DELUXE PACKAGES (Continued) **1000428985**

Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: 8/27/1987
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Name:	DELUXE PACKAGES
Address:	205 SHAW RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94089
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	06/04/2009
Global Id:	T0608191585
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.6417036169721
Longitude:	-122.41057426326
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	41S0024
File Location:	Not reported
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Alcohols
Site History:	Eight USTs abandoned in place in 1987. Confirmed alcohol release from the USTs. Soil samples contained isopropyl alcohol up to 99 mg/kg and methyl ethyl acetate 81 mg/kg.

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	DELUXE PACKAGES
Address:	205 SHAW ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002F702
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F702.pdf
Region:	STATE
Facility ID:	00000000895
Facility Type:	Other
Other Type:	CONVERTER FLEX. PACK
Contact Name:	Not reported
Telephone:	4155833030
Owner Name:	DELUXE PACKAGES
Owner Address:	205 SHAW ROAD
Owner City,St,Zip:	S. SAN FRANCISCO, CA 94080
Total Tanks:	0009
Tank Num:	001
Container Num:	9

DELUXE PACKAGES (Continued) **1000428985**

Year Installed:	1974
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	8
Year Installed:	1974
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	7
Year Installed:	1961
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	6
Year Installed:	1961
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	5
Year Installed:	1961
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	006
Container Num:	4
Year Installed:	1961
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	007
Container Num:	3
Year Installed:	1961
Tank Capacity:	00001000
Tank Used for:	PRODUCT

DELUXE PACKAGES (Continued) **1000428985**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 008
Container Num: 2
Year Installed: 1961
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 009
Container Num: 1
Year Installed: 1961
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

RAATS:
Entry No: 1
Facility ID: CAD000076570
Type: Not reported
Docket No: RCRA-09-90-0004
Region: 09
Issue Date: 05/22/1991
Final Date: 08/24/1990
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 481
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 1 3005
Total No Cited: Not reported
Reg Type: Federal
Prop. Penalty: 167,530.00
Final Penalty: 93,000.00
Total Prop. Penalty: 175,330.00
Comments: Not reported

Entry No: 1
Facility ID: CAD000076570
Type: Not reported
Docket No: RCRA-09-90-0004
Region: 09
Issue Date: 05/22/1991
Final Date: 08/24/1990
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 481
Action: 3008 (A)
Violation No: Not reported

DELUXE PACKAGES (Continued) **1000428985**

Viol No Cited: 2 262.11
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: 7,800.00
Final Penalty: 93,000.00
Total Prop. Penalty: 175,330.00
Comments: Not reported

Entry No: 1
Facility ID: CAD000076570
Type: Not reported
Docket No: RCRA-09-90-0004
Region: 09
Issue Date: 05/22/1991
Final Date: 08/24/1990
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 481
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 1 3005
Total No Cited: Not reported
Reg Type: Federal
Prop. Penalty: 167,530.00
Final Penalty: 93,000.00
Total Prop. Penalty: 175,330.00
Comments: Not reported

Entry No: 1
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Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: 7,800.00
Final Penalty: 93,000.00
Total Prop. Penalty: 175,330.00
Comments: Not reported

FINDS:
Registry ID: 110008259231

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

DELUXE PACKAGES (Continued) **1000428985**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000428985
Registry ID:	110008259231
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008259231
Name:	DELUXE PACKAGES
Address:	205 SHAW RD SO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

CERS:

Name:	DELUXE PACKAGES
Address:	205 SHAW RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94089
Site ID:	235744
CERS ID:	T0608191585
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

M130 **VALLEY AUTOMOTIVE** **San Mateo Co. BI** **S117397463**
SW **205 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.090 mi.
477 ft. **Site 2 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:

Name:	VALLEY AUTOMOTIVE
Address:	205 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011776

VALLEY AUTOMOTIVE (Continued) **S117397463**

Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004459
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: VALLEY AUTOMOTIVE DIST
Address: 205 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0038092
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0054775
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: ITAL FOODS, INC.
Address: 205 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028183
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0046450
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

K131 **BERKEY/COLORCRAFT** **HIST UST** **U001594738**
NE **103 WONDERCOLOR LANE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.096 mi.
507 ft. **Site 12 of 14 in cluster K**

Relative: **Lower**
Actual: **19 ft.**

HIST UST:
Name: BERKEY/COLORCRAFT
Address: 103 WONDERCOLOR LANE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BDA8
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BDA8.pdf
Region: STATE
Facility ID: 00000066042
Facility Type: Other
Other Type: FILM PROCESSING
Contact Name: Not reported
Telephone: 4158736060
Owner Name: COLORCRAFT CORPORATION
Owner Address: 3000 CROASDAILE ROAD
Owner City,St,Zip: DURHAM, NC 27705
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1969
Tank Capacity: 00007500
Tank Used for: WASTE
Type of Fuel: 1
Container Construction Thickness: X

BERKEY/COLORCRAFT (Continued) **U001594738**

Leak Detection: None

Click here for Geo Tracker PDF:

K132 **QUALEX-DBA COLOR CRAFT** **SWEEPS UST** **S101593702**
NE **103 WONDER COLOR LN** **CA FID UST** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080**
0.096 mi.
507 ft. **Site 13 of 14 in cluster K**

Relative:
Lower

Actual:
19 ft.

SWEEPS UST:

Name:	QUALEX-DBA COLOR CRAFT
Address:	103 WONDER COLOR LN
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	507
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-000507-000001
Tank Status:	Not reported
Capacity:	7500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	41000199
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	103 WONDER COLOR LN
Mailing Address 2:	Not reported
Mailing City,St,Zip:	S SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

K133 **COLORCRAFT CORPORATION** **RCRA-SQG** **1000341119**
NE **103 WONDERCOLOR LANE** **FINDS** **CAD982322828**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.096 mi.
507 ft. **Site 14 of 14 in cluster K**

Relative: **Lower**
Actual: **19 ft.**

RCRA-SQG:

Date Form Received by Agency:	19880316
Handler Name:	COLORCRAFT CORPORATION
Handler Address:	103 WONDERCOLOR LANE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD982322828
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	103 WONDERCOLOR LANE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-873-6060
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	WONDERCOLOR LANE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	COLORCRAFT CORP
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

COLORCRAFT CORPORATION (Continued) **1000341119**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLORCRAFT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COLORCRAFT CORPORATION (Continued) **1000341119**

Historic Generators:
- Receive Date: 19880316
- Handler Name: COLORCRAFT CORPORATION
- Federal Waste Generator Description: Small Quantity Generator
- State District Owner: CA
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

FINDS:
- Registry ID: 110002794094

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1000341119
- Registry ID: 110002794094
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002794094
- Name: COLORCRAFT CORPORATION
- Address: 103 WONDERCOLOR LANE
- City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

J134 **REGAL GRAPHICS INC** **San Mateo Co. BI** **S117397475**
NNW **1451 SAN MATEO** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.101 mi.
532 ft. **Site 8 of 8 in cluster J**

Relative: **Higher**

Actual: **23 ft.**

San Mateo Co. BI:

Name:	REGAL GRAPHICS INC
Address:	1451 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011889
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011695
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

M135 **SAN FRANCISCO DIFFERENTIAL SVC** **San Mateo Co. BI** **S117397967**
SW **214 SHAW RD BLDG 8 #S** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.104 mi.
551 ft. **Site 3 of 15 in cluster M**

Relative: **Lower**

Actual: **20 ft.**

San Mateo Co. BI:

Name:	SAN FRANCISCO DIFFERENTIAL SVC
Address:	214 SHAW RD BLDG 8 #S
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0025544
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0034272
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	SAN FRANCISCO DIFFERENTIAL SVC
Address:	214 SHAW RD BLDG 8 #S
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0025544
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0063925
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

N136 **KENS PHILLIPS 66 SERVICE** **EDR Hist Auto** **1021519959**
NNE **264 SO AIRPORT BLVD** **N/A**
< 1/8 **S SN FRANCSCO, CA 94080**
0.105 mi.
554 ft. **Site 1 of 14 in cluster N**

Relative: **Lower**

Actual: **19 ft.**

EDR Hist Auto

Year:	Name:	Type:
1969	KENS PHILLIPS 66 SERVICE	Gasoline Service Stations
1971	KENS PHILLIPS 66 SERVICE	Gasoline Service Stations

KENS PHILLIPS 66 SERVICE (Continued) **1021519959**

1972	KENS PHILLIPS 66 SERVICE	Gasoline Service Stations
1973	KENS PHILLIPS 66 SERVICE	Gasoline Service Stations
1974	KENS PHILLIPS 66 SERVICE	Gasoline Service Stations
1975	KENS PHILLIPS 66 SERVICE	Gasoline Service Stations
1976	KENS PHILLIPS 66 SERVICE	Gasoline Service Stations
1977	KENS PHILLIPS 66 SERVICE	Gasoline Service Stations
1978	FUNKS KEN SERVICES	Gasoline Service Stations
1979	FUNKS KEN SERVICES	Gasoline Service Stations
1980	FUNKS KEN SERVICES	Gasoline Service Stations
1982	FUNKS KEN SERVICES	Gasoline Service Stations

N137 **KEN FUNK PROPERTY** **LUST** **S103064757**
NNE **264 AIRPORT** **Cortese** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.105 mi. **CERS**
554 ft. **Site 2 of 14 in cluster N**

Relative: **Lower**
Actual: **19 ft.**

LUST:

Name:	KEN FUNK PROPERTY
Address:	264 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100188
Global Id:	T0608100188
Latitude:	37.6472425652969
Longitude:	-122.405894370361
Status:	Completed - Case Closed
Status Date:	12/03/1998
Case Worker:	JM
RB Case Number:	41-0197
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550042
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100188
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100188
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

KEN FUNK PROPERTY (Continued) **S103064757**

LUST:
Global Id: T0608100188
Action Type: Other
Date: 02/27/1989
Action: Leak Discovery

Global Id: T0608100188
Action Type: ENFORCEMENT
Date: 03/09/1989
Action: Notice of Responsibility - #1

Global Id: T0608100188
Action Type: Other
Date: 10/28/1987
Action: Leak Reported

LUST:
Global Id: T0608100188
Status: Open - Case Begin Date
Status Date: 10/28/1987

Global Id: T0608100188
Status: Completed - Case Closed
Status Date: 12/03/1998

CORTESE:
Name: KEN FUNK PROPERTY
Address: 264 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100188
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: KEN FUNK PROPERTY
edr_fadd1: 264 AIRPORT

KEN FUNK PROPERTY (Continued) **S103064757**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0197

CERS:
Name: KEN FUNK PROPERTY
Address: 264 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 242733
CERS ID: T0608100188
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

N138 **BAYSHORE SELF SERVE** **HIST UST** **U001594736**
NNE **264 S AIRPORT** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.105 mi.
554 ft. **Site 3 of 14 in cluster N**

Relative:
Lower

Actual:
19 ft.

HIST UST:
Name: BAYSHORE SELF SERVE
Address: 264 S AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002C012
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C012.pdf
Region: STATE
Facility ID: 00000014628
Facility Type: Gas Station
Other Type: Not reported
Contact Name: RUSSELL C. SOLOMON
Telephone: 4158375916
Owner Name: MAC DONALDS CORPORATION
Owner Address: MAC DONALDS PLAZA
Owner City,St,Zip: OAKBROOK, IL 60521
Total Tanks: 0003

BAYSHORE SELF SERVE (Continued) **U001594736**

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

N139 **GENERAL RENT A CAR (LEASEE)** **LUST** **U001594772**
NNE **264 S AIRPORT BLVD** **HIST UST** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.105 mi.
554 ft. **Site 4 of 14 in cluster N**

Relative:
Lower

Actual:
19 ft.

SAN MATEO CO. LUST:

Name:	KEN FUNK PROPERTY
Address:	264 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550042
Facility Status:	9- Case Closed
Global ID:	T0608100188
APN Number:	015122060
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HIST UST:

Name:	GENERAL RENT A CAR (LEASEE)
Address:	264 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002BFBE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BFBE.pdf
Region:	STATE
Facility ID:	00000053513
Facility Type:	Not reported
Other Type:	CAR RENTAL

GENERAL RENT A CAR (LEASEE) (Continued) **U001594772**

Contact Name:	MIKE JOHNSON
Telephone:	4159524896
Owner Name:	KEN FUNK
Owner Address:	2121 S. EL CAMINO REAL #505
Owner City,St,Zip:	SAN MATEO, CA 94403
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000250
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

M140 **UMILI AMERICA** **San Mateo Co. BI** **S117397461**
SW **200 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.107 mi.
563 ft. **Site 4 of 15 in cluster M**

Relative: San Mateo Co. BI:
Lower

Name:	UMILI AMERICA
Address:	200 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011767
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3

Actual:
20 ft.

UMILI AMERICA (Continued) **S117397461**

Record Id: PR0004453
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

M141 **UNITED KITCHEN EQUIPMENT MFG C** **San Mateo Co. BI** **S117397460**
SW **206 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.107 mi.
563 ft. **Site 5 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:
Name: UNITED KITCHEN EQUIPMENT MFG C
Address: 206 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011766
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0004452
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

O142 **CENTRAL CONCRETE SUPPLY** **LUST** **S109285874**
SW **1305 SAN MATEO DR** **Cortese** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **NPDES**
0.107 mi. **CIWQS**
564 ft. **Site 1 of 7 in cluster O** **CERS**

Relative: **Higher**
Actual: **22 ft.**

SAN MATEO CO. LUST:
Name: BAY CITIES BUILDING MATERIALS
Address: 1305 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550160
Facility Status: 9- Case Closed
Global ID: T0608191865
APN Number: Not reported
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: BAY CITIES BUILDING MATERIALS
Address: 1305 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608191865
Global Id: T0608191865
Latitude: 37.6416551
Longitude: -122.4117833
Status: Completed - Case Closed
Status Date: 08/27/2001
Case Worker: JM
RB Case Number: 41-1294
Local Agency: SAN MATEO COUNTY LOP

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

File Location: Local Agency Warehouse
Local Case Number: 550160
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0608191865
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608191865
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608191865
Action Type: ENFORCEMENT
Date: 05/06/1999
Action: Notice of Responsibility - #1

Global Id: T0608191865
Action Type: Other
Date: 04/21/1999
Action: Leak Reported

LUST:
Global Id: T0608191865
Status: Open - Case Begin Date
Status Date: 04/21/1999

Global Id: T0608191865
Status: Completed - Case Closed
Status Date: 08/27/2001

CORTESE:
Name: BAY CITIES BUILDING MATERIALS
Address: 1305 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608191865
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

NPDES:

Name:	CENTRAL CONCRETE SUPPLY
Address:	1305 SAN MATEO DR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	182948
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 41I016088
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/14/2000
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	755 Stockton Ave
Discharge Name:	Central Concrete Supply
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95126
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	182948
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I016088

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/14/2000
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Central Concrete Supply
Discharge Address:	755 Stockton Ave
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95126
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	182948
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I016088
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	09/14/2000
Status:	Active
Status Date:	11/10/2015
Place Size:	288000
Place Size Unit:	SqFt
Contact:	Robert McGehee
Contact Title:	Not reported
Contact Phone:	408-510-8422
Contact Phone Ext:	Not reported
Contact Email:	rmcgehee@us-concrete.com
Operator Name:	Central Concrete Supply
Operator Address:	755 Stockton Ave
Operator City:	San Jose
Operator State:	California
Operator Zip:	95126
Operator Contact:	Robert McGehee
Operator Contact Title:	Not reported
Operator Contact Phone:	408-510-8422
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rmcgehee@us-concrete.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-404-1094
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Mark McKenna
Certifier Title:	Safety Coordinator Risk Manager
Certification Date:	16-JUN-15
Primary Sic:	3273-Ready-Mixed Concrete
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	CENTRAL CONCRETE SUPPLY
Address:	1305 SAN MATEO DR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41I016088
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/10/2015
Operator Name:	Central Concrete Supply
Operator Address:	755 Stockton Ave
Operator City:	San Jose

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

Operator State:	California
Operator Zip:	95126
NPDES as of 03/2018:	
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	182948
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I016088
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/14/2000
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Central Concrete Supply
Discharge Address:	755 Stockton Ave
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95126
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	182948
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I016088
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	09/14/2000
Status:	Active
Status Date:	11/10/2015
Place Size:	288000
Place Size Unit:	SqFt
Contact:	Robert McGehee
Contact Title:	Not reported
Contact Phone:	408-510-8422
Contact Phone Ext:	Not reported
Contact Email:	rmcgehee@us-concrete.com
Operator Name:	Central Concrete Supply
Operator Address:	755 Stockton Ave
Operator City:	San Jose
Operator State:	California
Operator Zip:	95126

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

Operator Contact:	Robert McGehee
Operator Contact Title:	Not reported
Operator Contact Phone:	408-510-8422
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rmcgehee@us-concrete.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-404-1094
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Mark McKenna
Certifier Title:	Safety Coordinator Risk Manager
Certification Date:	16-JUN-15
Primary Sic:	3273-Ready-Mixed Concrete
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	CENTRAL CONCRETE SUPPLY
Address:	1305 SAN MATEO DR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Agency:	Central Concrete Supply
Agency Address:	755 Stockton Ave, San Jose, CA 95126
Place/Project Type:	Industrial - Ready-Mixed Concrete
SIC/NAICS:	3273
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I016088
NPDES Number:	CAS000001

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

Adoption Date:	Not reported
Effective Date:	09/14/2000
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.6432
Longitude:	-122.4108

CERS:

Name:	CENTRAL CONCRETE SUPPLY
Address:	1305 SAN MATEO DR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	528936
CERS ID:	217259
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	528936
Site Name:	Central Concrete Supply
Violation Date:	08-15-2015
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Failure to Obtain Permit
Violation Notes:	Failure to recertify permit coverage under IGP 2014-0057-DWQ
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS,

Enforcement Action:

Site ID:	528936
Site Name:	Central Concrete Supply
Site Address:	1305 SAN MATEO DR
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	10-30-2015
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers
Enf Action Notes:	Failure to recertify permit coverage under IGP 2014-0057-DWQ. Facility Map Not Uploaded
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Central Concrete Supply
Entity Title:	Operator
Affiliation Address:	755 Stockton Ave
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95126

CENTRAL CONCRETE SUPPLY (Continued) **S109285874**

Affiliation Phone: ,

Name: BAY CITIES BUILDING MATERIALS
Address: 1305 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 231160
CERS ID: T0608191865
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

O143 **KENAN ADVANTAGE GROUP** **RCRA NonGen / NLR** **1025862105**
SW **1305 SAN MATEO AVE** **CAC003042804**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.107 mi.
564 ft. **Site 2 of 7 in cluster O**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20191112
Handler Name: KENAN ADVANTAGE GROUP
Handler Address: 1305 SAN MATEO AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAC003042804
Contact Name: BRIAN WYMER
Contact Address: 4366 MT PLEASANT ST NW
Contact City,State,Zip: NORTH CANYON, OH 44720
Contact Telephone: 330-409-1077
Contact Fax: Not reported
Contact Email: BRIAN.WYMER@THEKAG.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported

KENAN ADVANTAGE GROUP (Continued) **1025862105**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4366 MT PLEASANT ST NW
Mailing City,State,Zip:	NORTH CANYON, OH 44720
Owner Name:	KENAN ADVANTAGE GROUP
Owner Type:	Other
Operator Name:	BRIAN WYMER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191122
Recognized Trader-Importer:	No

KENAN ADVANTAGE GROUP (Continued) **1025862105**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KENAN ADVANTAGE GROUP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4366 MT PLEASANT ST NW
Owner/Operator City,State,Zip:	NORTH CANYON, OH 44720
Owner/Operator Telephone:	800-969-5419
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRIAN WYMER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4366 MT PLEASANT ST NW
Owner/Operator City,State,Zip:	NORTH CANYON, OH 44720
Owner/Operator Telephone:	330-409-1077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191112
Handler Name: KENAN ADVANTAGE GROUP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	238990
NAICS Description:	ALL OTHER SPECIALTY TRADE CONTRACTORS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

KENAN ADVANTAGE GROUP (Continued) **1025862105**

Evaluation Action Summary:
Evaluations: No Evaluations Found

O144 **BAY CITIES BUILDING MATERIALS** **SWEEPS UST** **S101623105**
SW **1305 SAN MATEO AVE** **CA FID UST** **N/A**
< 1/8 **SO. SAN FRANCISCO, CA 94080**
0.107 mi.
564 ft. **Site 3 of 7 in cluster O**

Relative:
Higher

Actual:
22 ft.

SWEEPS UST:

Name:	BAY CITIES BUILDING MATERIALS
Address:	1305 SAN MATEO AVE
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550070
Number:	9
Board Of Equalization:	Not reported
Referral Date:	04-26-94
Action Date:	04-26-94
Created Date:	10-13-88
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-550070-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-26-94
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	41004917
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4158717470
Mail To:	Not reported
Mailing Address:	150 S LINDEN AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SO. SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

O145 **BAY CITIES BUILDING MATERIALS** **LUST** **U001594735**
SW **1305 SAN MATEO** **HIST UST** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.107 mi.
564 ft. **Site 4 of 7 in cluster O**

Relative:
Higher

Actual:
22 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550160
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST UST:

Name:	BAY CITIES BUILDING MATERIAL
Address:	1305 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002BC02
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BC02.pdf
Region:	STATE
Facility ID:	00000034889
Facility Type:	Not reported
Other Type:	READY-MIX CONCRETE
Contact Name:	W.J. MONLUX
Telephone:	4158721832
Owner Name:	BAY CITIES BUILDING MATERIAL
Owner Address:	1500 COLLINS AVE
Owner City,St,Zip:	COLMA, CA 94011
Total Tanks:	0001
Tank Num:	001
Container Num:	10
Year Installed:	1974
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/8
Leak Detection:	Stock Inventor, Pressure Test

Click here for Geo Tracker PDF:

San Mateo Co. BI:

Name:	CENTRAL CONCRETE SUPPLY CO PLANT - 09
Address:	1305 SAN MATEO
City,State,Zip:	CA 94080
Region:	SAN MATEO
Facility ID:	FA0017731
Prog Element Code:	UNDERGROUND TANK - GENERAL

BAY CITIES BUILDING MATERIALS (Continued) **U001594735**

Record Id:	PR0022616
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM
Name:	CENTRAL CONCRETE SUPPLY CO PLANT - 09
Address:	1305 SAN MATEO
City,State,Zip:	CA 94080
Region:	SAN MATEO
Facility ID:	FA0017731
Prog Element Code:	STORES HAZ MAT <31999GAL,239999LB, 111999FT^3
Record Id:	PR0023561
Description:	STORES HAZ MAT <31999GAL,223999LB, 111999CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	CENTRAL CONCRETE SUPPLY CO PLANT - 09
Address:	1305 SAN MATEO
City,State,Zip:	CA 94080
Region:	SAN MATEO
Facility ID:	FA0017731
Prog Element Code:	3091
Record Id:	PR0083182
Description:	STORMWATER ANNUAL INSPECTION FEE
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER
Name:	CENTRAL CONCRETE SUPPLY CO PLANT - 09
Address:	1305 SAN MATEO
City,State,Zip:	CA 94080
Region:	SAN MATEO
Facility ID:	FA0017731
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0064936
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

P146 **EURO AUTOBODY** **San Mateo Co. BI** **S117397652**
WNW **1334 LOWRIE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.108 mi.
568 ft. **Site 1 of 2 in cluster P**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:

Name:	EURO AUTOBODY
Address:	1334 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0016569
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0023300
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	EURO AUTOBODY
Address:	1334 LOWRIE

EURO AUTOBODY (Continued) **S117397652**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0016569
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0023301
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Q147 **BINKS MANUFACTURING CO** **LUST** **S103817345**
NNW **1459 SAN MATEO** **CPS-SLIC** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.108 mi. **CERS**
568 ft. **Site 1 of 4 in cluster Q**

Relative: Higher
Actual: 23 ft.

SAN MATEO CO. LUST:
Name: BINKS MANUFACTURING CO
Address: 1459 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 559009
Facility Status: 9- Case Closed
Global ID: T0608148945
APN Number: Not reported
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

CPS-SLIC:
Name: BINKS MANUFACTURING CO
Address: 1459 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/16/1997
Global Id: T0608148945
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 559009
Latitude: 37.667879
Longitude: -122.411613
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency Warehouse
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:
Name: BINKS MANUFACTURING CO
Address: 1459 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017850
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT

BINKS MANUFACTURING CO (Continued) **S103817345**

Record Id: PR0011567
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: BINKS MANUFACTURING CO
Address: 1459 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017850
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0004299
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CERS:
Name: BINKS MANUFACTURING CO
Address: 1459 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 189433
CERS ID: T0608148945
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

R148 **KARTWERKS INC** **San Mateo Co. BI** **S117397909**
NW **1352 LOWRIE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.108 mi.
570 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:
Name: KARTWERKS INC
Address: 1352 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024377

KARTWERKS INC (Continued) **S117397909**

Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0029022
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: KARTWERKS INC
Address: 1352 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024377
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0029023
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

S149 **CALS** **San Mateo Co. BI** **S117397649**
NNW **1368 LOWRIE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.109 mi.
574 ft. **Site 1 of 4 in cluster S**

Relative: **Higher**
Actual: **22 ft.**

San Mateo Co. BI:
Name: CALS
Address: 1368 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0016559
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0024151
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

T150 **PARKING CO OF AMERICA** **San Mateo Co. BI** **S117397469**
NNE **160 PRODUCE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.109 mi.
575 ft. **Site 1 of 8 in cluster T**

Relative: **Higher**
Actual: **23 ft.**

San Mateo Co. BI:
Name: PARKING CO OF AMERICA
Address: 160 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011842
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011766
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PARKING CO OF AMERICA
Address: 160 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

PARKING CO OF AMERICA (Continued) **S117397469**

Region: SAN MATEO
Facility ID: FA0011842
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0004468
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: PARKING CO OF AMERICA
Address: 160 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011842
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0076756
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

M151 **ANCHOR FENCE CO** **San Mateo Co. BI** **S117397455**
SW **212 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.109 mi.
578 ft. **Site 6 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:
Name: ANCHOR FENCE CO
Address: 212 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011704
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0004445
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: CATHOLIC YOUTH ORGANIZATION
Address: 212 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011888
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0000028
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CATHOLIC YOUTH ORGANIZATION
Address: 212 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011888
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0005155
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

ANCHOR FENCE CO (Continued) **S117397455**

Name: SDI INSULATION INC
Address: 212 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0029637
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0050631
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: APEX INSULATIONS INC
Address: 212 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0038090
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0054773
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: DOUBLE DAY
Address: 212 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026161
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0037734
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: VERIZON WIRELESS SAN BRUNO CITY
Address: 212 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027817
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0044950
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: VERIZON WIRELESS SAN BRUNO CITY
Address: 212 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027817
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0044949
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

S152 **UNIVERSAL FLEET SUPPLY** **RCRA-SQG** **1000595182**
NNW **1376 LOWRIE AVE** **FINDS** **CAD983590837**
< 1/8 **S SAN FRANCISCO, CA 94080** **ECHO**
0.117 mi.
617 ft. **Site 2 of 4 in cluster S**

Relative: **Higher**
Actual: **25 ft.**

RCRA-SQG:

Date Form Received by Agency:	19910709
Handler Name:	UNIVERSAL FLEET SUPPLY
Handler Address:	1376 LOWRIE AVE
Handler City,State,Zip:	S SAN FRANCISCO, CA 94080
EPA ID:	CAD983590837
Contact Name:	HOLLAND HERMAN
Contact Address:	1376 LOWRIE AVE
Contact City,State,Zip:	S SAN FRANCISCO, CA 94080
Contact Telephone:	415-873-6666
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	1376 LOWRIE AVE
Mailing City,State,Zip:	S SAN FRANCISCO, CA 94080
Owner Name:	TERRY SHORT
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

UNIVERSAL FLEET SUPPLY (Continued) **1000595182**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TERRY SHORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UNIVERSAL FLEET SUPPLY (Continued) **1000595182**

Historic Generators:
- Receive Date: 19910709
- Handler Name: UNIVERSAL FLEET SUPPLY
- Federal Waste Generator Description: Small Quantity Generator
- State District Owner: CA
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 44131
- NAICS Description: AUTOMOTIVE PARTS AND ACCESSORIES STORES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

FINDS:
- Registry ID: 110002850488

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1000595182
- Registry ID: 110002850488
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002850488
- Name: UNIVERSAL FLEET SUPPLY
- Address: 1376 LOWRIE AVE
- City,State,Zip: S SAN FRANCISCO, CA 94080

S153 **UNIVERSAL FLEET SUPPLY INC** **San Mateo Co. BI** **S117397477**
NNW **1376 LOWRIE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.117 mi.
617 ft. **Site 3 of 4 in cluster S**

Relative: **Higher**
Actual: **25 ft.**

San Mateo Co. BI:

Name:	UNIVERSAL FLEET SUPPLY INC
Address:	1376 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011896
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004470
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	UNIVERSAL FLEET SUPPLY INC
Address:	1376 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011896
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0043399
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

M154 **JCW** **RCRA NonGen / NLR** **1026040893**
SW **218 SHAW RD, STE 8** **CAC003047013**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.118 mi.
622 ft. **Site 7 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20191212
Handler Name:	JCW	
Handler Address:		218 SHAW RD, STE 8
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAC003047013
Contact Name:		WILL LI
Contact Address:		218 SHAW RD, STE 8
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		775-346-8449
Contact Fax:		Not reported
Contact Email:		MODESTO@KERNOILFILTERRECYCLING.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		218 SHAW RD, STE 8
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		WILL LI

JCW (Continued) **1026040893**

Owner Type:	Other
Operator Name:	WILL LI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

JCW (Continued) **1026040893**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILL LI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	218 SHAW RD, STE 8
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	775-346-8449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILL LI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	218 SHAW RD, STE 8
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	775-346-8449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191212
Handler Name: JCW	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

M155 **HARVEST VACATION TOURS** **RCRA NonGen / NLR** **1024765910**
SW **218 SHAW RD** **CAC002985779**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.118 mi.
622 ft. **Site 8 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20181019
Handler Name:	HARVEST VACATION TOURS
Handler Address:	218 SHAW RD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAC002985779
Contact Name:	QUINN LI
Contact Address:	2107 VAN NESS AVE, STE 311
Contact City,State,Zip:	SAN FRANCISCO, CA 94109
Contact Telephone:	415-613-7463
Contact Fax:	Not reported
Contact Email:	MODESTO@KERNOILFILTERRECYCLING.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2107 VAN NESS AVE, STE 311
Mailing City,State,Zip:	SAN FRANCISCO, CA 94109
Owner Name:	JINCONG WU
Owner Type:	Other
Operator Name:	QUINN LI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

HARVEST VACATION TOURS (Continued) **1024765910**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JINCONG WU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2107 VAN NESS AVE, STE 311
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94109
Owner/Operator Telephone:	415-613-7463
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	QUINN LI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2107 VAN NESS AVE, STE 311
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94109
Owner/Operator Telephone:	415-613-7463
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HARVEST VACATION TOURS (Continued) **1024765910**

Historic Generators:
Receive Date: 20181019
Handler Name: HARVEST VACATION TOURS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M156 **JCW** **RCRA NonGen / NLR** **1026166471**
SW **218 W. SHAW RD. SUITE 8** **CAC003066506**
< 1/8 **SAN FRANCISCO, CA 94808**
0.118 mi.
622 ft. **Site 9 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20200512
Handler Name: JCW
Handler Address: 218 W. SHAW RD. SUITE 8
Handler City,State,Zip: SAN FRANCISCO, CA 94808
EPA ID: CAC003066506
Contact Name: JIN LI
Contact Address: 218 W. SHAW RD. SUITE 8
Contact City,State,Zip: SAN FRANCISCO, CA 94808
Contact Telephone: 415-613-6588
Contact Fax: Not reported
Contact Email: CLERK@KERNOILFILTERRECYCLING.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 218 W. SHAW RD. SUITE 8
Mailing City,State,Zip: SAN FRANCISCO, CA 94808
Owner Name: JIN LI

JCW (Continued) **1026166471**

Owner Type:	Other
Operator Name:	JIN LI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200515
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

JCW (Continued) **1026166471**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JIN LI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	218 W. SHAW RD. SUITE 8
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94808
Owner/Operator Telephone:	415-613-6588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JIN LI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	218 W. SHAW RD. SUITE 8
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94808
Owner/Operator Telephone:	415-613-6588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200512
Handler Name: JCW	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M157 **JCW** **RCRA NonGen / NLR** **1025845270**
SW **218 SHAW ROAD #8** **CAC003024892**
< 1/8 **SOUTH SAN FRANCISCO, CA 94404**
0.118 mi.
622 ft. **Site 10 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20190719
Handler Name:	JCW	
Handler Address:		218 SHAW ROAD #8
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94404
EPA ID:		CAC003024892
Contact Name:		WILL LI
Contact Address:		218 SHAW ROAD #8
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94404
Contact Telephone:		775-346-8449
Contact Fax:		Not reported
Contact Email:		LIENENG@AOL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		218 SHAW ROAD #8
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94404
Owner Name:		WILL LI
Owner Type:		Other
Operator Name:		WILL LI
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

JCW (Continued) **1025845270**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190729
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILL LI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	218 SHAW ROAD #8
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94404
Owner/Operator Telephone:	775-346-8449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILL LI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	218 SHAW ROAD #8
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94404
Owner/Operator Telephone:	775-346-8449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

JCW (Continued) **1025845270**

Historic Generators:
Receive Date: 20190719
Handler Name: JCW
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M158 **AHERN RENTALS SFO-157** **San Mateo Co. BI** **S113459592**
SW **218 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.118 mi.
622 ft. **Site 11 of 15 in cluster M**

Relative: **Lower**

Actual: **20 ft.**

San Mateo Co. BI:
Name: AHERN RENTALS SFO-157
Address: 218 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0058226
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0080722
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AHERN RENTALS SFO-157
Address: 218 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0058226
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0080721
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

M159 **NORTH STATE ENVIRONMENTAL INC** **San Mateo Co. BI** **S117397462**
SW **214 SHAW** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.118 mi.
623 ft. **Site 12 of 15 in cluster M**

Relative: **Lower**

Actual: **20 ft.**

San Mateo Co. BI:

Name:	SERVICE ROOFING CO
Address:	214 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0024550
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0029326
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	DESTINATION SYSTEMS
Address:	214 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0024551
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0029327
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	DESTINATION SYSTEMS
Address:	214 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0024551
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0038032
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	PACIFIC COAST BUS SVC INC
Address:	214 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0025543
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0034270
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PACIFIC COAST BUS SVC INC
Address:	214 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0025543
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0034269
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF

NORTH STATE ENVIRONMENTAL INC (Continued) **S117397462**

Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: NORTH STATE ENVIRONMENTAL INC
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011768
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0004454
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: NORTH STATE ENVIRONMENTAL INC
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011768
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011694
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: EL CAMINO CHARTERS
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0038741
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0055111
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: EL CAMINO CHARTERS
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0038741
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0055112
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: GLOBAL WASTE MANAGEMENT
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0046412
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0063104
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

NORTH STATE ENVIRONMENTAL INC (Continued) **S117397462**

Name: NATURE ESSENCE
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026162
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0037736
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: GENERAL AUTOMATIC GATE & IRON WKS
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026349
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0038046
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: EL CAMINO LINES
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026350
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0038048
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: EL CAMINO LINES
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026350
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0038049
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: S & S TOURS
Address: 214 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028618
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0047834
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: S & S TOURS
Address: 214 SHAW

NORTH STATE ENVIRONMENTAL INC (Continued) **S117397462**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0028618
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0067955
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

M160 **NORTH STATE ENVIRONMENTAL** **RCRA NonGen / NLR** **1015757268**
SW **214 SHAW ROAD** **PADS** **CAD000603738**
< 1/8 **SO SAN FRANCISCO, CA 94080**
0.118 mi.
623 ft. **Site 13 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070503
Handler Name:	NORTH STATE ENV	
Handler Address:		90 S SPRUCE AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD000603738
Contact Name:		JOHN ERICKSON
Contact Address:		PO BOX 5624
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94083
Contact Telephone:		650-222-4279
Contact Fax:		650-588-1950
Contact Email:		Not reported
Contact Title:		OPS MGR
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 5624
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94083
Owner Name:		FRANK BALISTRERI
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

NORTH STATE ENVIRONMENTAL (Continued) **1015757268**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20140916
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FRANK BALISTRERI
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	90 S SPRUCE AVE STE W
Owner/Operator City,State,Zip:	S SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-588-2838
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FRANK BALISTRERI

NORTH STATE ENVIRONMENTAL (Continued) **1015757268**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	90 S SPRUCE AVE STE W
Owner/Operator City,State,Zip:	S SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-588-2838
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960827
Handler Name: NORTH STATE ENVIRONMENTAL	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20070503
Handler Name: NORTH STATE ENV	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

NORTH STATE ENVIRONMENTAL (Continued) **1015757268**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42193
NAICS Description: RECYCLABLE MATERIAL WHOLESALERS

NAICS Code: 562
NAICS Description: WASTE MANAGEMENT AND REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

PADS:
Name: NORTH STATE ENVIRONMENTAL
Address: 214 SHAW ROAD
Address 2: Not reported
City,State,Zip: SO SAN FRANCISCO, CA 94080
EDR ID: 1015757268
EPAID: CAD000603738
Region: 9
Generator: N
Storer: N
Disposer: N
Transporter: Y
Smelter: N
Research Facility: N
Mailing Address: PO BOX 5624
Mailing Address 2: Not reported
Mailing City: SO SAN FRANCISCO
Mailing State: CA
Mailing Zip: 94083-5624
Mailing Country: US
Owner Name: SHAW BUSINESS CENTER
Certification Date: 09/30/1991
Contact Name: FRANK BALISTRERI
Contact Title: Not reported
Contact Telephone: 415-588-2838
Contact Text: Not reported
Contact Email: Not reported

M161 **NORTH STATE ENVIRONMENTAL** **RCRA NonGen / NLR** **1024750967**
SW **214 SHAW ROAD** **CAC002970757**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.118 mi.
623 ft. **Site 14 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20180713
Handler Name:	NORTH STATE ENVIRONMENTAL
Handler Address:	214 SHAW ROAD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAC002970757
Contact Name:	TERRY HOEHNE
Contact Address:	PO BOX 2148
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-588-2838
Contact Fax:	650-588-1950
Contact Email:	THOEHNE@AOL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 2148
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94083
Owner Name:	FRANK BALISTRERI
Owner Type:	Other
Operator Name:	TERRY HOEHNE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

NORTH STATE ENVIRONMENTAL (Continued) **1024750967**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180830
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FRANK BALISTRERI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2148
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94083
Owner/Operator Telephone:	650-588-2838
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TERRY HOEHNE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2148
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-2838
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NORTH STATE ENVIRONMENTAL (Continued) **1024750967**

Historic Generators:
Receive Date: 20180713
Handler Name: NORTH STATE ENVIRONMENTAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

R162 **CERES** **San Mateo Co. BI** **S117397859**
NW **1353 LOWRIE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.121 mi.
640 ft. **Site 2 of 2 in cluster R**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:
Name: CERES
Address: 1353 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0023239
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0026734
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

S163 **DY DEE WASH CORP** **San Mateo Co. BI** **S117397473**
NW **1369 LOWRIE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.123 mi.
651 ft. **Site 4 of 4 in cluster S**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:
Name: DY DEE WASH CORP
Address: 1369 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO

DY DEE WASH CORP (Continued) **S117397473**

Facility ID:	FA0011886
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011696
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	DY DEE WASH CORP
Address:	1369 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011886
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004469
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

U164 **GRANITE ROCK CO** **AST** **A100420500**
West **1321 LOWRIE AVE** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080**
0.123 mi.
652 ft. **Site 1 of 8 in cluster U**

Relative: **Higher**

Actual: **22 ft.**

AST:

Name:	GRANITE ROCK CO
Address:	1321 LOWRIE AVE
City/Zip:	S SAN FRANCISCO,94080
Certified Unified Program Agencies:	Not reported
Owner:	GRANITE ROCK CO
Total Gallons:	Not reported
CERSID:	10340164
Facility ID:	Not reported
Business Name:	GRANITE ROCK CO
Phone:	(650) 869-3300
Fax:	Not reported
Mailing Address:	PO BOX 50001
Mailing Address City:	WATSONVILLE
Mailing Address State:	CA
Mailing Address Zip Code:	Not reported
Operator Name:	GRANITE ROCK CO
Operator Phone:	(831) 768-2100
Owner Phone:	(831) 768-2100
Owner Mail Address:	PO BOX 50001
Owner State:	CA
Owner Zip Code:	Not reported
Owner Country:	United States
Property Owner Name:	Granite Rock Co
Property Owner Phone:	(831) 768-2100
Property Owner Mailing Address:	PO BOX 50001
Property Owner City:	Watsonville
Property Owner Stat :	CA
Property Owner Zip Code:	95076
Property Owner Country:	United States
EPAID:	CAL000047959

U165
West
< 1/8
0.123 mi.
652 ft.

LOWRIE PAVING
1321 LOWRIE AVENUE
SOUTH SAN FRANCISCO, CA 94080

Site 2 of 8 in cluster U

Relative:
Higher

Actual:
22 ft.

Database(s): LUST, HIST UST, Cortese, HIST CORTESE, WDS, CERS

EDR ID Number: 1001265148
EPA ID Number: N/A

SAN MATEO CO. LUST:

Name:	GRANITE ROCK CO
Address:	1321 LOWRIE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550040
Facility Status:	9- Case Closed
Global ID:	T0608100240
APN Number:	Not reported
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	GRANITE ROCK CO
Address:	1321 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100240
Global Id:	T0608100240
Latitude:	37.643319277
Longitude:	-122.411825
Status:	Completed - Case Closed
Status Date:	04/01/2008
Case Worker:	JM
RB Case Number:	41-0252
Local Agency:	SAN MATEO COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	550040
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0608100240
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100240
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LOWRIE PAVING (Continued) **1001265148**

LUST:

Global Id:	T0608100240
Action Type:	Other
Date:	11/26/1985
Action:	Leak Discovery
Global Id:	T0608100240
Action Type:	ENFORCEMENT
Date:	03/07/1989
Action:	Notice of Responsibility - #1
Global Id:	T0608100240
Action Type:	ENFORCEMENT
Date:	04/01/2008
Action:	Closure/No Further Action Letter - #20080401
Global Id:	T0608100240
Action Type:	ENFORCEMENT
Date:	06/15/2004
Action:	Staff Letter - #20040615
Global Id:	T0608100240
Action Type:	ENFORCEMENT
Date:	01/12/2004
Action:	Staff Letter - #20040112
Global Id:	T0608100240
Action Type:	ENFORCEMENT
Date:	08/04/2004
Action:	Staff Letter - #20040804
Global Id:	T0608100240
Action Type:	ENFORCEMENT
Date:	01/12/2004
Action:	Staff Letter - #20040112B
Global Id:	T0608100240
Action Type:	ENFORCEMENT
Date:	12/01/2005
Action:	Staff Letter - #20051201
Global Id:	T0608100240
Action Type:	Other
Date:	09/22/1988
Action:	Leak Reported
Global Id:	T0608100240
Action Type:	RESPONSE
Date:	05/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0608100240
Action Type:	RESPONSE
Date:	05/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100240

LOWRIE PAVING (Continued) **1001265148**

Action Type: RESPONSE
Date: 07/26/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608100240
Action Type: RESPONSE
Date: 10/22/2004
Action: Soil and Water Investigation Report

Global Id: T0608100240
Action Type: RESPONSE
Date: 12/01/2006
Action: Unknown

Global Id: T0608100240
Action Type: RESPONSE
Date: 07/26/2004
Action: Electronic Reporting Submittal Due

LUST:
Global Id: T0608100240
Status: Open - Case Begin Date
Status Date: 11/26/1985

Global Id: T0608100240
Status: Open - Site Assessment
Status Date: 11/26/1985

Global Id: T0608100240
Status: Open - Verification Monitoring
Status Date: 06/15/2004

Global Id: T0608100240
Status: Completed - Case Closed
Status Date: 04/01/2008

HIST UST:
Name: LOWRIE PAVING
Address: 1321 LOWRIE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BEF4
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BEF4.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported

LOWRIE PAVING (Continued) **1001265148**

Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CORTESE:

Name:	GRANITE ROCK CO
Address:	1321 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100240
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	GRANITE ROCK COMPANY
edr_fadd1:	1321 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0252

WDS:

Name:	GRANITE ROCK CO SOUTH SF ASPHA
Address:	1321 Lowrie Ave
City:	SOUTH SAN FRANCISCO
Facility ID:	San Francisco Bay 41I006082
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is

LOWRIE PAVING (Continued) **1001265148**

	under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	6504823802
Facility Contact:	SACHER RICH
Agency Name:	GRANITE ROCK CO
Agency Address:	PO Box 50001
Agency City,St,Zip:	Watsonville 950775001
Agency Contact:	KARAS AARON JOHNSTON
Agency Telephone:	8317682015
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name:	GRANITE ROCK CO
Address:	1321 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	223086
CERS ID:	T0608100240
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

LOWRIE PAVING (Continued) **1001265148**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

U166 **GRANITE ROCK COMPANY** **RCRA NonGen / NLR** **1024788621**
West **1321 LOWRIE AVE** **CAL000047959**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.123 mi.
652 ft. **Site 3 of 8 in cluster U**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19910402
Handler Name:	GRANITE ROCK COMPANY	
Handler Address:		1321 LOWRIE AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-6403
EPA ID:		CAL000047959
Contact Name:		RAE JETT
Contact Address:		P.O. BOX 50001
Contact City,State,Zip:		WATSONVILLE, CA 95077
Contact Telephone:		831-768-2080
Contact Fax:		866-209-3961
Contact Email:		RJETT@GRANITEROCK.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 50001
Mailing City,State,Zip:		WATSONVILLE, CA 95077-5001
Owner Name:		GRANITE ROCK COMPANY
Owner Type:		Other
Operator Name:		RAE JETT
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No

GRANITE ROCK COMPANY (Continued) **1024788621**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GRANITE ROCK COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 50001
Owner/Operator City,State,Zip:	WATSONVILLE, CA 95077-5001
Owner/Operator Telephone:	831-768-2080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GRANITE ROCK COMPANY (Continued) **1024788621**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAE JETT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 50001
Owner/Operator City,State,Zip:	WATSONVILLE, CA 95077
Owner/Operator Telephone:	831-768-2080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19910402
Handler Name:	GRANITE ROCK COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	324121
NAICS Description:	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

U167 **GRANITE ROCK CO** **LUST** **1002850256**
West **1321 LOWRIE** **SWEEPS UST** **N/A**
< 1/8 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.123 mi.
652 ft. **Site 4 of 8 in cluster U**

Relative:
Higher

Actual:
22 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Post remedial action monitoring
Case Number:	550040
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	1/1/1965

GRANITE ROCK CO (Continued) **1002850256**

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 6/15/2004

SWEEPS UST:
Name: GRANITEROCK
Address: 1321 LOWRIE AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550120
Number: Not reported
Board Of Equalization: 44-025361
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550120-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 2

Name: GRANITEROCK
Address: 1321 LOWRIE AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550120
Number: Not reported
Board Of Equalization: 44-025361
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550120-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

San Mateo Co. BI:
Name: GRANITE ROCK CO
Address: 1321 LOWRIE
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017889
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011590
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

GRANITE ROCK CO (Continued) **1002850256**

Name: GRANITE ROCK CO
Address: 1321 LOWRIE
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017889
Prog Element Code: STORES HAZ MAT <15999GAL, 111999LB, 5599FT^3
Record Id: PR0004322
Description: STORES HAZ MAT <15999GAL, 111999LB, 5599CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: GRANITE ROCK CO
Address: 1321 LOWRIE
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017889
Prog Element Code: ABOVE GROUND TANK/SPCC
Record Id: PR0044013
Description: ABOVE GROUND TANK/SPCC
Facility Status: Inactive, non-billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: GRANITE ROCK CO
Address: 1321 LOWRIE
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017889
Prog Element Code: 3091
Record Id: PR0083187
Description: STORMWATER ANNUAL INSPECTION FEE
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: GRANITE ROCK CO
Address: 1321 LOWRIE
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017889
Prog Element Code: 2354
Record Id: PR0067374
Description: TANK STOR CAP => 10,000 AND <100,000 GAL
Facility Status: Active, billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: S SAN FRANCISCO ASPHALT
Address: 1321 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0009127
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022651
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

U168 **SOUTH SAN FRANCISCO ROAD MATERIALS** **CERS HAZ WASTE** **S121773345**
West **1321 LOWRIE AVE** **CERS TANKS** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **NPDES**
0.123 mi. **CIWQS**
652 ft. **Site 5 of 8 in cluster U** **CERS**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:

Name:	GRANITE ROCK CO
Address:	1321 LOWRIE AVE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Site ID:	394073
CERS ID:	10340164
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	GRANITE ROCK CO
Address:	1321 LOWRIE AVE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Site ID:	394073
CERS ID:	10340164
CERS Description:	Aboveground Petroleum Storage

NPDES:

Name:	SOUTH SAN FRANCISCO ROAD MATERIALS
Address:	1321 LOWRIE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	182883
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 41I006082
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/20/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	PO Box 50001
Discharge Name:	Granite Rock Co Road Materials
Discharge City:	Watsonville
Discharge State:	California
Discharge Zip:	95077
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	182883

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I006082
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/20/1992
Status:	Active
Status Date:	04/20/1992
Place Size:	5
Place Size Unit:	Acres
Contact:	Stuart Mager
Contact Title:	Not reported
Contact Phone:	831-465-4808
Contact Phone Ext:	Not reported
Contact Email:	smager@graniterock.com
Operator Name:	Granite Rock Co
Operator Address:	PO Box 50001
Operator City:	Watsonville
Operator State:	California
Operator Zip:	95077
Operator Contact:	stuart mager
Operator Contact Title:	Not reported
Operator Contact Phone:	831-465-4808
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	smager@graniterock.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	831-465-4808
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	stuart mager
Certifier Title:	Asphalt Division Manager
Certification Date:	24-MAR-15
Primary Sic:	2951-Asphalt Paving Mixtures and Blocks
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	182883
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I006082
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/20/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Granite Rock Co
Discharge Address:	PO Box 50001
Discharge City:	Watsonville
Discharge State:	California
Discharge Zip:	95077
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	SOUTH SAN FRANCISCO ROAD MATERIALS
Address:	1321 LOWRIE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41I006082
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Status Date:	04/20/1992
Operator Name:	Granite Rock Co Road Materials
Operator Address:	PO Box 50001
Operator City:	Watsonville
Operator State:	California
Operator Zip:	95077

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	182883
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I006082
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/20/1992
Status:	Active
Status Date:	04/20/1992
Place Size:	5
Place Size Unit:	Acres
Contact:	Stuart Mager
Contact Title:	Not reported
Contact Phone:	831-465-4808
Contact Phone Ext:	Not reported
Contact Email:	smager@graniterock.com
Operator Name:	Granite Rock Co
Operator Address:	PO Box 50001
Operator City:	Watsonville
Operator State:	California
Operator Zip:	95077
Operator Contact:	stuart mager
Operator Contact Title:	Not reported
Operator Contact Phone:	831-465-4808
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	smager@graniterock.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	831-465-4808

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	stuart mager
Certifier Title:	Asphalt Division Manager
Certification Date:	24-MAR-15
Primary Sic:	2951-Asphalt Paving Mixtures and Blocks
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	182883
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I006082
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/20/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Granite Rock Co
Discharge Address:	PO Box 50001
Discharge City:	Watsonville
Discharge State:	California
Discharge Zip:	95077
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	SOUTH SAN FRANCISCO ROAD MATERIALS
Address:	1321 LOWRIE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Agency:	Granite Rock Co Road Materials
Agency Address:	PO Box 50001, Watsonville, CA 95077
Place/Project Type:	Industrial - Asphalt Paving Mixtures and Blocks
SIC/NAICS:	2951
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I006082
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/20/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.6439
Longitude:	-122.41154

CERS:

Name:	GRANITE ROCK CO
Address:	1321 LOWRIE AVE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Site ID:	394073
CERS ID:	10340164
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	08-07-2018
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility s discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation.
Violation Notes:	Returned to compliance on 10/09/2018. Please update the Plant Operator s information in the SPCC Plan; Frank Garcia is no longer at the facility.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	09-08-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/20/2017. Inventory does not show the compressed gas storage areas under the plant. Only shows 300 cu ft of oxygen and acetylene at the shop area, however there are at least 1000 cubic feet of O2 and acetylene stored under the plant that are not on the inventory or maps. Also ensure the soap is marked on the inventory, 500 gallons (corrosive and irritant)

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	08-07-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/09/2018. Please update the HMBP to update the largest container size for the petroleum asphalt. Currently, the maximum storage quantity and the size of the largest container is the same. This implies there is only one tank, but facility has 4 tanks. There are 10 acetylene cylinders ranging 130 to 141 cubic feet each. Currently, the HMBP reports largest cylinder size as 280 cubic feet. Please change the maximum container size. Please delete used oil from inventory.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	09-08-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 03/20/2017. Annual submittal last occurred in 3/2015. This is overdue for re-submittal.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	09-08-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 03/20/2017. Observed on site visit cutback oil tank is missing from site plan map. Also, indicate the quantity and location of teh oxygen and acetylene stored under the plant on the map and inventory sheets.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	09-08-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

	6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes:	Returned to compliance on 03/20/2017. Please provide the weekly/monthly inspection logs that are completed on the oil tanks as referenced in the SPCC plan. These were not available onsite. Please submit documentation to avoid violation
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	08-07-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 10/09/2018. Please submit the HMBP for 2018 within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	09-08-2016
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes:	Returned to compliance on 03/20/2017. This SPCC plan was certified in 2009 October. 5 year certification due October 2014. Ensure any updates to the operation, tank locations, inventory, maps and procedures are reviewed and updated as part of 5 year review.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	08-01-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/29/2020. Verify chemicals inventory on-site with the what has been submitted on the 8/29/2019 HMBP and modify the chemical inventory as necessary within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	03-04-2014
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	Returned to compliance on 03/10/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	03-04-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to promptly correct the causes of leaks that result in accumulations of oil in diked areas.
Violation Notes:	Returned to compliance on 03/10/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	08-07-2018
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes:	Returned to compliance on 09/06/2018. Please forward a copy of the latest integrity test report for the SS1 tank within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	394073
Site Name:	GRANITE ROCK CO
Violation Date:	08-01-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/30/2020. The hazardous waste label on the poly waste absorbent drum was illegible. Please place a hazardous

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

waste label on the drum ASAP but no later than 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Violation Date: 03-04-2014
Citation: HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description: Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes: Returned to compliance on 03/31/2015. ER and Training plan submitted via CERs declined 1/8/14. need re-submittal. NOV sent 03-25-2015
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-09-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-19-2020

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-28-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: - Used oil stored in a 55 gallon drum - Waste absorbent stored in a poly drum - Asphalt clean out occasionally - Paint related waste
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-07-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility is staffed with Emergency Response Team. Spoke to the Env. Contact Mr. Carter during inspection
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-11-2018

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The latest HMBP submitted on 8/26/2019 via CERS. It was subsequently accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-07-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-07-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-12-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-24-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-28-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-24-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-08-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-17-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-27-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-31-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-24-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility has one above ground tank containing asphalt emulsion and four underground processing tank (exempted from UST regulations).
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Eval General Type: Other/Unknown
Eval Date: 07-31-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility's EPA ID# is active, however, facility no longer generates waste. The 2016 waste disposal came from a construction site and not from this facility.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Enforcement Action:
Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 03-03-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 7/17/17: Facility violations marked corrected in violation dispatch center 3/20/17.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Site Zip: 94080
Enf Action Date: 03-25-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 03-03-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 7/17/17: Facility violations marked corrected in violation dispatch center 3/20/17.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 10-12-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV letter delivered 10/22/2018. 11/5/18 - HMBP pending review 2/7/19: NOV RESOLVED.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 03-04-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 03-25-2015
Enf Action Type: Notice of Violation (Unified Program)

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 03-04-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 03-04-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 10-12-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV letter delivered 10/22/2018. 11/5/18 - HMBP pending review 2/7/19: NOV RESOLVED.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 394073
Site Name: GRANITE ROCK CO
Site Address: 1321 LOWRIE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 03-25-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO BOX 50001
Affiliation City: WATSONVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95077-5001
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: GRANITE ROCK CO
Entity Title: Not reported
Affiliation Address: PO BOX 50001
Affiliation City: WATSONVILLE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95077-5001
Affiliation Phone: (831) 768-2100,

Affiliation Type Desc: Document Preparer
Entity Name: Nikhita Jingar
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: GRANITE ROCK CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (831) 768-2100,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: Reed Carter
Entity Title: Not reported
Affiliation Address: PO BOX 50001

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Affiliation City: Watsonville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95076
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Reed Carter
Entity Title: Environmental Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: GRANITE ROCK CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Granite Rock Co
Entity Title: Not reported
Affiliation Address: PO BOX 50001
Affiliation City: Watsonville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95076
Affiliation Phone: (831) 768-2100,

Name: SOUTH SAN FRANCISCO ROAD MATERIALS
Address: 1321 LOWRIE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 533075
CERS ID: 229182
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 533075
Site Name: South San Francisco Road Materials
Violation Date: 02-08-2010
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: Various BMP violations.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Eval Date: 07-26-2018
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: This was an asphalt mix plant. Aggregates and crushed recycled asphalt pavement (RAP) were stored in stockpiles. Aggregates were brought in by rail and unloaded to a hopper connected to moveable conveyors. Asphalt and diesel oil were stored in tanks with secondary containment. Aggregate, RAP and asphalt oil were mixed to create the product. Much of the yard was covered by aggregate piles. Hazardous material, such as engine oil, was kept in totes or drums inside the truck shop. The site has four sampling points, two along Lowrie Avenue, one in the yard near the south driveway and one by the truck shop. The locations along Lowrie Avenue were surface flow locations with wattles and gravel across the flow path to control discharge pollutants. The two other sampling points were drop inlets. I observed an inlet with a grate by the asphalt tanks. This inlet was not shown on the map. Roger stated that it might be an oil water separator. Please add this item to the site map and clarify its function and operation in the SWPPP. A street sweeper sweeps the paved areas of the yard not occupied by the aggregate piles. Required Actions and Potential Violations Improve BMPs and housekeeping to reduce suspended solids in stormwater discharge Update the SWPPP and SWPPP maps Prepare and submit the Level 1 Evaluation per Permit section XII.C.1 by October 1, 2018 Prepare and submit the Level 1 ERA Report per Permit section XII.C.2 by January 1, 2019.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-08-2010
Violations Found: Yes
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Enforcement Action:
Site ID: 533075
Site Name: South San Francisco Road Materials
Site Address: 1321 LOWRIE AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 09-28-2010
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Various SWPPP and/or BMP implementation violations.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Granite Rock Co Road Materials
Entity Title: Operator

SOUTH SAN FRANCISCO ROAD MATERIALS (Continued) **S121773345**

Affiliation Address:	PO Box 50001
Affiliation City:	Watsonville
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95077
Affiliation Phone:	,

U169 **GRANITE ROCK COMPANY** **EMI** **S100178892**
West **1321 LOWRIE AVENUE** **Notify 65** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.123 mi. **HWTS**
652 ft. **Site 6 of 8 in cluster U**

Relative: **Higher**
Actual: **22 ft.**

EMI:

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	1987
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	10
Part. Matter 10 Micrometers and Smllr Tons/Yr:	6

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	10
Part. Matter 10 Micrometers and Smllr Tons/Yr:	6

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000

GRANITE ROCK COMPANY (Continued) **S100178892**

Year:	1993
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	9
Part. Matter 10 Micrometers and Smllr Tons/Yr:	5

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	5
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	5
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

GRANITE ROCK COMPANY (Continued) **S100178892**

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	6
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	6
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	0

GRANITE ROCK COMPANY (Continued) **S100178892**

Particulate Matter Tons/Yr: 23
Part. Matter 10 Micrometers and Smllr Tons/Yr: 14

Name: GRANITE ROCK COMPANY
Address: 1321 LOWRIE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 941010000
Year: 2000
County Code: 41
Air Basin: SF
Facility ID: 1579
Air District Name: BA
SIC Code: 2951
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 6
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 23
Part. Matter 10 Micrometers and Smllr Tons/Yr: 14

Name: GRANITE ROCK COMPANY
Address: 1321 LOWRIE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 941010000
Year: 2001
County Code: 41
Air Basin: SF
Facility ID: 1579
Air District Name: BA
SIC Code: 2951
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 30
NOX - Oxides of Nitrogen Tons/Yr: 6
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 7
Part. Matter 10 Micrometers and Smllr Tons/Yr: 4

Name: GRANITE ROCK COMPANY
Address: 1321 LOWRIE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 941010000
Year: 2002
County Code: 41
Air Basin: SF
Facility ID: 1579
Air District Name: BA
SIC Code: 2951
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1

GRANITE ROCK COMPANY (Continued) **S100178892**

Carbon Monoxide Emissions Tons/Yr:	51
NOX - Oxides of Nitrogen Tons/Yr:	10
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	11
Part. Matter 10 Micrometers and Smllr Tons/Yr:	6

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	23
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	4
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.11
Reactive Organic Gases Tons/Yr:	0.016126
Carbon Monoxide Emissions Tons/Yr:	23.833
NOX - Oxides of Nitrogen Tons/Yr:	4.667
SOX - Oxides of Sulphur Tons/Yr:	0.019
Particulate Matter Tons/Yr:	4.636
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.598733

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

GRANITE ROCK COMPANY (Continued) **S100178892**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.11
Reactive Organic Gases Tons/Yr:	.016126
Carbon Monoxide Emissions Tons/Yr:	23.833
NOX - Oxides of Nitrogen Tons/Yr:	4.667
SOX - Oxides of Sulphur Tons/Yr:	.019
Particulate Matter Tons/Yr:	4.636
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.598733

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.665
Reactive Organic Gases Tons/Yr:	1.099413
Carbon Monoxide Emissions Tons/Yr:	25.013
NOX - Oxides of Nitrogen Tons/Yr:	4.898
SOX - Oxides of Sulphur Tons/Yr:	.02
Particulate Matter Tons/Yr:	4.527
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.506827

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 90621
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.474
Reactive Organic Gases Tons/Yr:	1.6348276
Carbon Monoxide Emissions Tons/Yr:	36.635
NOX - Oxides of Nitrogen Tons/Yr:	7.185
SOX - Oxides of Sulphur Tons/Yr:	.029
Particulate Matter Tons/Yr:	6.669
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3.687201

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA

GRANITE ROCK COMPANY (Continued) **S100178892**

SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.804
Reactive Organic Gases Tons/Yr:	1.1606936
Carbon Monoxide Emissions Tons/Yr:	23.913
NOX - Oxides of Nitrogen Tons/Yr:	4.69
SOX - Oxides of Sulphur Tons/Yr:	.019
Particulate Matter Tons/Yr:	4.147
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.244538

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.698
Reactive Organic Gases Tons/Yr:	1.0368516000000001
Carbon Monoxide Emissions Tons/Yr:	22.821000000000002
NOX - Oxides of Nitrogen Tons/Yr:	4.476
SOX - Oxides of Sulphur Tons/Yr:	1.7999999999999999E-2
Particulate Matter Tons/Yr:	3.3889999999999998
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.8002119999999999

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.8440000000000001
Reactive Organic Gases Tons/Yr:	1.1157736
Carbon Monoxide Emissions Tons/Yr:	26.315999999999999
NOX - Oxides of Nitrogen Tons/Yr:	5.1609999999999996
SOX - Oxides of Sulphur Tons/Yr:	2.1000000000000001E-2
Particulate Matter Tons/Yr:	6.5791020260491999
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3.0988020000000001

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2011
County Code:	41

GRANITE ROCK COMPANY (Continued) **S100178892**

Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.808
Reactive Organic Gases Tons/Yr:	1.114912
Carbon Monoxide Emissions Tons/Yr:	22.669
NOX - Oxides of Nitrogen Tons/Yr:	4.446
SOX - Oxides of Sulphur Tons/Yr:	0.018
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.808
Reactive Organic Gases Tons/Yr:	1.114912
Carbon Monoxide Emissions Tons/Yr:	22.669
NOX - Oxides of Nitrogen Tons/Yr:	4.446
SOX - Oxides of Sulphur Tons/Yr:	0.018
Particulate Matter Tons/Yr:	5.9589507959
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.655

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.962
Reactive Organic Gases Tons/Yr:	1.43073
Carbon Monoxide Emissions Tons/Yr:	25.068
NOX - Oxides of Nitrogen Tons/Yr:	4.917
SOX - Oxides of Sulphur Tons/Yr:	0.02
Particulate Matter Tons/Yr:	6.897
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.759

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE

GRANITE ROCK COMPANY (Continued) **S100178892**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.367927733
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	21.133025761
NOX - Oxides of Nitrogen Tons/Yr:	4.144759321
SOX - Oxides of Sulphur Tons/Yr:	0.016795503
Particulate Matter Tons/Yr:	5.263513176
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.105429203

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2015
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.3679277
Reactive Organic Gases Tons/Yr:	5.3117699
Carbon Monoxide Emissions Tons/Yr:	21.13303
NOX - Oxides of Nitrogen Tons/Yr:	4.144759
SOX - Oxides of Sulphur Tons/Yr:	0.0167955
Particulate Matter Tons/Yr:	5.263513356
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.105429683

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2016
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.585341333
Reactive Organic Gases Tons/Yr:	0.2957885781
Carbon Monoxide Emissions Tons/Yr:	23.9739492
NOX - Oxides of Nitrogen Tons/Yr:	4.701944609
SOX - Oxides of Sulphur Tons/Yr:	0.019053347
Particulate Matter Tons/Yr:	6.442660639
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.577091404

GRANITE ROCK COMPANY (Continued) **S100178892**

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2017
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.514658757
Reactive Organic Gases Tons/Yr:	0.26042990076
Carbon Monoxide Emissions Tons/Yr:	21.0338365
NOX - Oxides of Nitrogen Tons/Yr:	4.125308337
SOX - Oxides of Sulphur Tons/Yr:	0.016716679
Particulate Matter Tons/Yr:	5.597032911
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.238836986

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2018
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.273839722
Reactive Organic Gases Tons/Yr:	0.026921533113
Carbon Monoxide Emissions Tons/Yr:	25.185929876
NOX - Oxides of Nitrogen Tons/Yr:	4.957795838
SOX - Oxides of Sulphur Tons/Yr:	0.02009011
Particulate Matter Tons/Yr:	5.413333388
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.16560686

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2019
County Code:	41
Air Basin:	SF
Facility ID:	1579
Air District Name:	BA
SIC Code:	2951
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.29719018
Reactive Organic Gases Tons/Yr:	0.028877105143
Carbon Monoxide Emissions Tons/Yr:	27.42709706
NOX - Oxides of Nitrogen Tons/Yr:	5.379201302
SOX - Oxides of Sulphur Tons/Yr:	0.021797728

GRANITE ROCK COMPANY (Continued) **S100178892**

Particulate Matter Tons/Yr: 8.303150537
Part. Matter 10 Micrometers and Smllr Tons/Yr:3.32129127

NOTIFY 65:
Name: KNOWN
Address: 1321 LOWRIE AVENUE
City,State,Zip: SOUTH SAN FRANCI, CA 92262
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

CERS:
Name: GRANITE ROCK COMPANY
Address: 1321 LOWRIE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-6403
Site ID: 470772
CERS ID: 110001164061
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Operator
Entity Name: GRANITE ROCK
Entity Title: OPERATOR
Affiliation Address: POBOX 50001
Affiliation City: WATSONVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: REED CARTER
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: POBOX 50001
Affiliation City: WATSONVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: DON ROLAND
Entity Title: BRANCH MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact

GRANITE ROCK COMPANY (Continued) **S100178892**

Entity Name:	FRANK GARCIA
Entity Title:	PLANT OPERATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Owner
Entity Name:	GRANITE ROCK
Entity Title:	OWNER
Affiliation Address:	POBOX 50001
Affiliation City:	WATSONVILLE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU SAN FRANCISCO BAY RWQCB REGN 2ND
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST PO Name
Entity Name:	GRNT ROCK
Entity Title:	Not reported
Affiliation Address:	POBOX 50001
Affiliation City:	WATSONVILLE
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN SAN MATEO CNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS
Affiliation City:	SANMATEO
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	GRNT ROCK
Entity Title:	Not reported
Affiliation Address:	POBOX 50001
Affiliation City:	WATSONVILLE
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

GRANITE ROCK COMPANY (Continued) **S100178892**

Affiliation Phone: ,

HWTS:

Name:	GRANITE ROCK COMPANY
Address:	1321 LOWRIE AVENUE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941010000
EPA ID:	CAL000023955
Inactive Date:	06/30/1997
Create Date:	05/09/1990
Last Act Date:	07/08/2002
Mailing Name:	Not reported
Mailing Address:	PO BOX 50001
Mailing Address 2:	Not reported
Mailing City,State,Zip:	WATSONVILLE, CA 950775001
Owner Name:	GRANITE ROCK COMPANY
Owner Address:	PO BOX 50001
Owner Address 2:	Not reported
Owner City,State,Zip:	WATSONVILLE, CA 950775001
Contact Name:	RICH SACHER/MANAGER
Contact Address:	1321 LOWRIE AVENUE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 941016403

NAICS:

EPA ID:	CAL000023955
Create Date:	2002-03-14 16:36:27.000
NAICS Code:	324121
NAICS Description:	Asphalt Paving Mixture and Block Manufacturing
Issued EPA ID Date:	1990-05-09 00:00:00
Inactive Date:	1997-06-30 00:00:00
Facility Name:	GRANITE ROCK COMPANY
Facility Address:	1321 LOWRIE AVENUE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	941010000

U170 **GRANITE ROCK CO** **AST** **A100338956**
West **1321 LOWRIE** **N/A**
< 1/8 **S SAN FRANCISCO, CA**
0.123 mi.
652 ft. **Site 7 of 8 in cluster U**

Relative:
Higher

Actual:
22 ft.

AST:

Name:	GRANITE ROCK CO
Address:	1321 LOWRIE
City/Zip:	S SAN FRANCISCO,
Certified Unified Program Agencies:	San Mateo
Owner:	Not reported
Total Gallons:	1,320
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported

GRANITE ROCK CO (Continued) **A100338956**

Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

U171 **LOWRIE PAVING** **HIST UST** **U001594796**
West **1321 LOWRIE AVE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.123 mi.
652 ft. **Site 8 of 8 in cluster U**

Relative:
Higher

Actual:
22 ft.

HIST UST:

Name:	LOWRIE PAVING
Address:	1321 LOWRIE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000001266
Facility Type:	Other
Other Type:	ASPHALT & PAVING
Contact Name:	JIM LOWRIE
Telephone:	4155833574
Owner Name:	GRANITE ROCK COMPANY
Owner Address:	411 WALKER STREET
Owner City,St,Zip:	WATSONVILLE, CA 95076
Total Tanks:	0004
Tank Num:	001
Container Num:	UGT 1-241
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	UGT 2-241
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT

LOWRIE PAVING (Continued) **U001594796**

Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	UGT 3-241
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	UGT 4-241
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

P172 **PRINOVA CO INC** **San Mateo Co. BI** **S117397337**
WNW **1345 LOWRIE** **N/A**
< 1/8 **SOUTH SAN FRANCISCO, CA 94080**
0.124 mi.
655 ft. **Site 2 of 2 in cluster P**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	PRINOVA CO INC
Address:	1345 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0005586
Prog Element Code:	STORES HAZ MAT >32000GAL, 240001LB, 112000FT3
Record Id:	PR0004266
Description:	STORES HAZ MAT >32000GAL, 224000LB, 112000CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

L173 **SHAW BAKERS** **RCRA NonGen / NLR** **1026711545**
SSE **320B SHAW RD** **CAC003099725**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.128 mi.
676 ft. **Site 2 of 7 in cluster L**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20210106
Handler Name:	SHAW BAKERS	
Handler Address:		320B SHAW RD
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAC003099725
Contact Name:		JAMES LINVILLE
Contact Address:		320B SHAW RD
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		925-719-3791

SHAW BAKERS (Continued) **1026711545**

Contact Fax:	Not reported
Contact Email:	JAMES@SHAWBAKERS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	320B SHAW RD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	NICOLAS BERNADI
Owner Type:	Other
Operator Name:	JAMES LINVILLE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

SHAW BAKERS (Continued) **1026711545**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JAMES LINVILLE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	320B SHAW RD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	925-719-3791
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICOLAS BERNADI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	320B SHAW RD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-273-1440
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210106
Handler Name: SHAW BAKERS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

SHAW BAKERS (Continued) **1026711545**

List of NAICS Codes and Descriptions:
NAICS Code: 311812
NAICS Description: COMMERCIAL BAKERIES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L174 **SPRINT NEXTEL CELL SITE FS04XC052** **San Mateo Co. BI** **S121700792**
SSE **320 SHAW** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.128 mi.
676 ft. **Site 3 of 7 in cluster L**

Relative: San Mateo Co. BI:
Lower
Actual:
20 ft.

Name:	SPRINT NEXTEL CELL SITE FS04XC052
Address:	320 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0045100
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0057735
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

L175 **US MINT WAREHOUSE** **San Mateo Co. BI** **S121700769**
SSE **320 SHAW** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.128 mi.
676 ft. **Site 4 of 7 in cluster L**

Relative: San Mateo Co. BI:
Lower
Actual:
20 ft.

Name:	US MINT WAREHOUSE
Address:	320 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0035534
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0053213
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

L176 **NEW FRENCH BAKERY/LA BOULANGE** **San Mateo Co. BI** **S121700817**
SSE **320B SHAW** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.128 mi.
676 ft. **Site 5 of 7 in cluster L**

Relative: San Mateo Co. BI:
Lower
Actual: Name: NEW FRENCH BAKERY/LA BOULANGE
20 ft. Address: 320B SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0053876
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0074430
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

L177 **SPUMONI** **San Mateo Co. BI** **S121700703**
SSE **320 SHAW** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.128 mi.
676 ft. **Site 6 of 7 in cluster L**

Relative: San Mateo Co. BI:
Lower
Actual: Name: SPUMONI
20 ft. Address: 320 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017917
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0004455
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: SPUMONI
Address: 320 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017917
Prog Element Code: GEN 6-25 TONS HAZ WASTE/YR
Record Id: PR0011607
Description: GEN 6-25 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

L178 **SPECTRAVEST INC** **RCRA-SQG** **1000686663**
SSE **320 SHAW RD** **FINDS** **CAD983640137**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.128 mi. **HAZNET**
676 ft. **Site 7 of 7 in cluster L** **HWTS**

Relative: RCRA-SQG:
Lower
Actual: Date Form Received by Agency: 19920622
20 ft. Handler Name: SPECTRAVEST INC
Handler Address: 320 SHAW RD
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

SPECTRAVEST INC (Continued) **1000686663**

EPA ID:	CAD983640137
Contact Name:	KIM MAGALINE
Contact Address:	320 SHAW RD
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-871-4500
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SHAW RD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	SPECTRAVEST INC
Owner Type:	County
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

SPECTRAVEST INC (Continued) **1000686663**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECTRAVEST INC
Legal Status:	County
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	320 SHAW RD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-871-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19920622
Handler Name: SPECTRAVEST INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

SPECTRAVEST INC (Continued) **1000686663**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002878912

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000686663
Registry ID: 110002878912
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002878912
Name: SPECTRAVEST INC
Address: 320 SHAW RD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

HAZNET:
Name: SPECTRAVEST INC
Address: 320 SHAW RD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Contact: PAT MCKINNON
Telephone: 4158714500
Mailing Name: Not reported
Mailing Address: 310A SHAW ROAD

Year: 1998
Gepaid: CAD983640137
TSD EPA ID: CAD053044053
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.6503

Year: 1998
Gepaid: CAD983640137
TSD EPA ID: CAD982444481
CA Waste Code: 281 - Adhesives
Disposal Method: H01 - Transfer Station
Tons: 1.0543

Year: 1997
Gepaid: CAD983640137
TSD EPA ID: CAD053044053
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H01 - Transfer Station

SPECTRAVEST INC (Continued) **1000686663**

Tons: 0.0333

Year: 1997
Gepaid: CAD983640137
TSD EPA ID: WAD991281767
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: R01 - Recycler
Tons: 0.294

Year: 1997
Gepaid: CAD983640137
TSD EPA ID: CAD053044053
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 6.8531

Year: 1996
Gepaid: CAD983640137
TSD EPA ID: CAL000121946
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.02

Year: 1996
Gepaid: CAD983640137
TSD EPA ID: CAD053044053
CA Waste Code: -
Disposal Method: H01 - Transfer Station
Tons: 0

Year: 1996
Gepaid: CAD983640137
TSD EPA ID: CAD053044053
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 5.6673

Year: 1996
Gepaid: CAD983640137
TSD EPA ID: CAT080022148
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H01 - Transfer Station
Tons: 0.2168

Year: 1995
Gepaid: CAD983640137
TSD EPA ID: CAT080022148
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H01 - Transfer Station
Tons: 0.0542

Click this hyperlink while viewing on your computer to access
13 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 1993

SPECTRAVEST INC (Continued) **1000686663**

Gen EPA ID:	CAD983640137
Shipment Date:	19931223
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931227
Manifest ID:	93020487
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931223
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931227
Manifest ID:	93020487
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0166
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931216
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931217
Manifest ID:	93029540
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202

SPECTRAVEST INC (Continued) **1000686663**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931209
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931210
Manifest ID:	93130090
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931202
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931203
Manifest ID:	93026633
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2001

SPECTRAVEST INC (Continued) **1000686663**

Waste Quantity:	48
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931124
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931129
Manifest ID:	93118005
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931118
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931119
Manifest ID:	93037278
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931111

SPECTRAVEST INC (Continued) **1000686663**

Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931112
Manifest ID:	93031989
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931104
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931108
Manifest ID:	93133885
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931104
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931108
Manifest ID:	93133885
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported

SPECTRAVEST INC (Continued) **1000686663**

TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0166
Waste Quantity: 4
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1996
Gen EPA ID: CAD983640137

Shipment Date: 19961218
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19961219
Manifest ID: 96463300
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.4378
Waste Quantity: 105
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961218
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19961219
Manifest ID: 96463300
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station

SPECTRAVEST INC (Continued) **1000686663**

Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961205
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961209
Manifest ID:	96461881
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961205
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961209
Manifest ID:	96461881
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4378
Waste Quantity:	105
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SPECTRAVEST INC (Continued) **1000686663**

Shipment Date:	19961121
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961126
Manifest ID:	96458005
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4461
Waste Quantity:	107
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961121
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961126
Manifest ID:	96458005
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961107
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961111
Manifest ID:	95520421
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053

SPECTRAVEST INC (Continued) **1000686663**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4128
Waste Quantity:	99
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961107
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961111
Manifest ID:	95520421
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961031
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961104
Manifest ID:	96490459
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1584
Waste Quantity:	38
Quantity Unit:	G

SPECTRAVEST INC (Continued) **1000686663**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961031
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961104
Manifest ID:	96490459
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD983640137
Shipment Date:	19941221
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941222
Manifest ID:	95030334
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4503
Waste Quantity:	108
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SPECTRAVEST INC (Continued) **1000686663**

Shipment Date:	19941214
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941215
Manifest ID:	95096177
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2752
Waste Quantity:	66
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941208
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941212
Manifest ID:	95084117
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1417
Waste Quantity:	34
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941201
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941202
Manifest ID:	93763041
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053

SPECTRAVEST INC (Continued) **1000686663**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1167
Waste Quantity:	28
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941122
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941123
Manifest ID:	95054087
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1125
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941117
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941118
Manifest ID:	93764934
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G

SPECTRAVEST INC (Continued) **1000686663**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941117
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941118
Manifest ID:	93764934
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0875
Waste Quantity:	21
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941109
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941110
Manifest ID:	95054736
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.271
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941103
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941104

SPECTRAVEST INC (Continued) **1000686663**

Manifest ID:	95057350
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941027
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941028
Manifest ID:	93798505
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD983640137

Shipment Date:	19951122
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951127
Manifest ID:	95772034
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported

SPECTRAVEST INC (Continued) **1000686663**

TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951116
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951117
Manifest ID:	95769820
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0917
Waste Quantity:	22
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951108
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951109
Manifest ID:	95767899
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0166
Waste Quantity:	4

SPECTRAVEST INC (Continued) **1000686663**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951102
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951103
Manifest ID:	95768680
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0792
Waste Quantity:	19
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951026
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951027
Manifest ID:	95763809
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1084
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951026
Creation Date:	7/26/1996 0:00:00

SPECTRAVEST INC (Continued) **1000686663**

Receipt Date:	19951027
Manifest ID:	95763809
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951024
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951031
Manifest ID:	95615263
Trans EPA ID:	CAD000603738
Trans Name:	Not reported
Trans 2 EPA ID:	ARD981908551
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0542
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951018
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951019
Manifest ID:	95488769
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

SPECTRAVEST INC (Continued) **1000686663**

TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1042
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951012
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951013
Manifest ID:	95699242
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951012
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951013
Manifest ID:	95699242
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

SPECTRAVEST INC (Continued) **1000686663**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1997
Gen EPA ID: CAD983640137

Shipment Date: 19971106
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971107
Manifest ID: 96786393
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0708
Waste Quantity: 17
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971106
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971107
Manifest ID: 96786393
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0166
Waste Quantity: 4
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971017

SPECTRAVEST INC (Continued) **1000686663**

Creation Date:	3/18/1998 0:00:00
Receipt Date:	19971106
Manifest ID:	96430351
Trans EPA ID:	CAD000603738
Trans Name:	Not reported
Trans 2 EPA ID:	WAR000001743
Trans 2 Name:	Not reported
TSDF EPA ID:	WAD991281767
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.294
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971009
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971010
Manifest ID:	96851326
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971009
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971010
Manifest ID:	96851326
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported

SPECTRAVEST INC (Continued) **1000686663**

TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970924
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970925
Manifest ID:	96845506
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970924
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970925
Manifest ID:	96845506
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2043
Waste Quantity:	49
Quantity Unit:	G
Additional Code 1:	Not reported

SPECTRAVEST INC (Continued) **1000686663**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970911
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970915
Manifest ID:	96848615
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970911
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970915
Manifest ID:	96848615
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970911
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970915
Manifest ID:	96848615

SPECTRAVEST INC (Continued) **1000686663**

Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2585
Waste Quantity:	62
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD983640137
Shipment Date:	19980714
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980723
Manifest ID:	96789766
Trans EPA ID:	CAD000603738
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.825
Waste Quantity:	1650
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980714
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980723
Manifest ID:	96789766
Trans EPA ID:	CAD000603738
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481

SPECTRAVEST INC (Continued) **1000686663**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980522
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980526
Manifest ID:	98186835
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980522
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980526
Manifest ID:	98186835
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3878
Waste Quantity:	93
Quantity Unit:	G

SPECTRAVEST INC (Continued) **1000686663**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980223
Creation Date:	5/8/1998 0:00:00
Receipt Date:	19980224
Manifest ID:	97406300
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1959
Waste Quantity:	47
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980223
Creation Date:	5/8/1998 0:00:00
Receipt Date:	19980224
Manifest ID:	97406300
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	SPECTRAVEST INC
Address:	320 SHAW RD

SPECTRAVEST INC (Continued) **1000686663**

Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAD983640137
Inactive Date:	06/30/1999
Create Date:	06/22/1992
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	310A SHAW ROAD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806606
Owner Name:	TODD V MAGALINE
Owner Address:	320 SHAW RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806606
Contact Name:	PAT MCKINNON
Contact Address:	INACTIVE PER VQ99 - BMI
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000

Q179 **A P VEHICLE & EQUIPMENT REPAIR** **San Mateo Co. BI** **S117397820**
NNW **1394 LOWRIE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.129 mi.
682 ft. **Site 2 of 4 in cluster Q**

Relative: **Higher**

Actual: **25 ft.**

San Mateo Co. BI:

Name:	A P VEHICLE & EQUIPMENT REPAIR
Address:	1394 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0022460
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0026848
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	A P VEHICLE & EQUIPMENT REPAIR
Address:	1394 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0022460
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0024543
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

V180 **GROSVENOR HOTEL** **LUST** **S112865935**
East **380 S AIRPORT BLVD** **HAZNET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.130 mi. **HWTS**
685 ft. **Site 1 of 4 in cluster V**

Relative:
Lower

Actual:
17 ft.

SAN MATEO CO. LUST:

Name:	GROSVENOR AIRPORT INN
Address:	380 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550154
Facility Status:	9- Case Closed
Global ID:	T0608101013
APN Number:	015141222
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HAZNET:

Name:	GROSVENOR HOTEL
Address:	380 S AIRPORT BLVD
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact:	BOB HENDRICKS/CHIEF ENG
Telephone:	6508733200
Mailing Name:	Not reported
Mailing Address:	380 S AIRPORT BLVD
Year:	1998
Gepaid:	CAC001083008
TSD EPA ID:	CAD009466392
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	D99 - Disposal, Other
Tons:	4

Additional Info:

Year:	1998
Gen EPA ID:	CAC001083008
Shipment Date:	19980414
Creation Date:	5/26/1998 0:00:00
Receipt Date:	19980415
Manifest ID:	95788095
Trans EPA ID:	CAD982484370
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009466392
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009466392
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	4
Waste Quantity:	8000
Quantity Unit:	P

GROSVENOR HOTEL (Continued) **S112865935**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: AT&T MOBILITY - SO CITY (USID12702)
Address: 380 S AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 575022
CERS ID: 10396465
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-24-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-12-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 575022
Facility Name: AT&T MOBILITY - SO CITY (USID12702)
Env Int Type Code: HMBP
Program ID: 10396465
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.643480
Longitude: -122.404480

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported

GROSVENOR HOTEL (Continued) **S112865935**

Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Legal Owner
Entity Name:	New Cingular Wireless PCS, LLC dba AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(214) 464-1712,
Affiliation Type Desc:	Parent Corporation
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Jeremy McGrue
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,

GROSVENOR HOTEL (Continued) **S112865935**

Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347,

HWTS:

Name:	GROSVENOR HOTEL
Address:	380 S AIRPORT BLVD
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAC001083008
Inactive Date:	10/25/2000
Create Date:	03/19/1998
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	380 S AIRPORT BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	GROSVENOR PROPERTIES
Owner Address:	380 S AIRPORT BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact Name:	BOB HENDRICKS/CHIEF ENG
Contact Address:	380 S AIRPORT BLVD
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000

V181 **GROSVENOR AIRPORT INN** **LUST** **S105036193**
East **380 AIRPORT** **SWEEPS UST** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.130 mi.
685 ft. **Site 2 of 4 in cluster V**

Relative:
Lower

Actual:
17 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550154
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown

GROSVENOR AIRPORT INN (Continued) **S105036193**

Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: GROSVENOR HOTEL
Address: 380 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Active
Comp Number: 550116
Number: 3
Board Of Equalization: Not reported
Referral Date: 04-20-94
Action Date: 04-20-94
Created Date: 10-13-88
Owner Tank Id: UNK
SWRCB Tank Id: 41-000-550116-000001
Tank Status: A
Capacity: 4000
Active Date: 04-20-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Name: GROSVENOR HOTEL
Address: 380 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Active
Comp Number: 550116
Number: 3
Board Of Equalization: Not reported
Referral Date: 04-20-94
Action Date: 04-20-94
Created Date: 10-13-88
Owner Tank Id: UNK
SWRCB Tank Id: 41-000-550116-000002
Tank Status: A
Capacity: 4000
Active Date: 04-20-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

San Mateo Co. BI:
Name: BEST WESTERN GROSVENOR HOTEL
Address: 380 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0010988

GROSVENOR AIRPORT INN (Continued) **S105036193**

Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022649
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: BEST WESTERN GROSVENOR HOTEL
Address: 380 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0010988
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0023554
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: AT & T MOBILITY- SO CITY (12702)
Address: 380 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0029168
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0049419
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

V182 **GROSVENOR AIRPORT ASSOCIATES** **LUST** **U001594781**
East **380 SO AIRPORT BLVD** **HIST UST** **N/A**
1/8-1/4 **SO SAN FRANCISCO, CA 94080** **Cortese**
0.130 mi. **HIST CORTESE**
685 ft. **Site 3 of 4 in cluster V** **CERS**

Relative:
Lower

Actual:
17 ft.

LUST:
Name: GROSVENOR AIRPORT INN
Address: 380 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608101013
Global Id: T0608101013
Latitude: 37.644532
Longitude: -122.404261
Status: Completed - Case Closed
Status Date: 06/26/2001
Case Worker: JM
RB Case Number: 41-1103
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550154
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608101013
Contact Type: Regional Board Caseworker

GROSVENOR AIRPORT ASSOCIATES (Continued) **U001594781**

Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608101013
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608101013
Action Type: ENFORCEMENT
Date: 06/03/1998
Action: Notice of Responsibility - #1

Global Id: T0608101013
Action Type: Other
Date: 05/22/1998
Action: Leak Reported

LUST:
Global Id: T0608101013
Status: Open - Case Begin Date
Status Date: 05/22/1998

Global Id: T0608101013
Status: Completed - Case Closed
Status Date: 06/26/2001

HIST UST:
Name: GROSVENOR AIRPORT ASSOCIATES
Address: 380 SO AIRPORT BLVD
City,State,Zip: SO SAN FRANCISCO, CA 94080
File Number: 0002BEFD
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BEFD.pdf
Region: STATE
Facility ID: 00000064272
Facility Type: Other
Other Type: HOTEL
Contact Name: MGR - MARC LE MIEUX
Telephone: 4158733200
Owner Name: GROSVENOR AIRPORT ASSOCIATES
Owner Address: 380 SO AIRPORT BLVD
Owner City,St,Zip: SO. SAN FRANCISCO, CA 94080
Total Tanks: 0002

Tank Num: 001
Container Num: #1

GROSVENOR AIRPORT ASSOCIATES (Continued) **U001594781**

Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CORTESE:

Name:	GROSVENOR AIRPORT INN
Address:	380 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608101013
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	GROSVENOR AIRPORT INN
edr_fadd1:	380 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-1103

CERS:

Name:	GROSVENOR AIRPORT INN
Address:	380 SOUTH AIRPORT BOULEVARD

GROSVENOR AIRPORT ASSOCIATES (Continued) **U001594781**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 206669
CERS ID: T0608101013
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

V183 **BEST WESTERN GROSVENOR AIRPORT** **CA FID UST** **S101594074**
East **380 S AIRPORT BLVD** **N/A**
1/8-1/4 **SO. SAN FRANCISCO, CA 94080**
0.130 mi.
685 ft. **Site 4 of 4 in cluster V**

Relative: **Lower**

Actual: **17 ft.**

CA FID UST:
Facility ID: 41004923
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158733200
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SO. SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

W184 **AUTO PARTS CLUB LLC** **San Mateo Co. BI** **S117397544**
SE **130 BEACON** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.132 mi.
696 ft. **Site 1 of 16 in cluster W**

Relative: **Lower**
Actual: **17 ft.**

San Mateo Co. BI:

Name:	AUTO PARTS CLUB LLC
Address:	130 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0012925
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0024120
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	AUTO PARTS CLUB LLC
Address:	130 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0012925
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0029284
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

M185 **SOUTH SAN FRANCISCO CITY** **HIST CORTESE** **S104025436**
SW **UNKNOWN SHAW RD & SAN MAT** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.133 mi.
703 ft. **Site 15 of 15 in cluster M**

Relative: **Lower**
Actual: **20 ft.**

HIST CORTESE:

edr_fname:	SOUTH SAN FRANCISCO CITY
edr_fadd1:	UNKNOWN SHAW RD & SAN MAT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0169

Q186 **NELSON COMMERCIAL TIRE SHOP** **San Mateo Co. BI** **S117398342**
NNW **1392 LOWRIE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.135 mi.
713 ft. **Site 3 of 4 in cluster Q**

Relative: **Higher**
Actual: **26 ft.**

San Mateo Co. BI:

Name:	NELSON COMMERCIAL TIRE SHOP
Address:	1392 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0029739
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0051184

NELSON COMMERCIAL TIRE SHOP (Continued) **S117398342**

Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	NELSON COMMERCIAL TIRE SHOP
Address:	1392 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0029739
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0051185
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

W187 **SIEGER ENGINEERING INC** **RCRA-SQG 1000818173**
SE **148 BEACON ST** **FINDS CAD981670912**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.138 mi. **EMI**
730 ft. **Site 2 of 16 in cluster W** **HAZNET**
CERS
Relative: **HWTS**
Lower

Actual: RCRA-SQG:
17 ft.

Date Form Received by Agency:		19930413
Handler Name:	SIEGER ENGINEERING INC	
Handler Address:		148 BEACON ST
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-6921
EPA ID:		CAD981670912
Contact Name:		DIEDARIK A MOLENAAR
Contact Address:		148 BEACON ST
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-6921
Contact Telephone:		415-583-5345
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		148 BEACON ST
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-6921
Owner Name:		SIEGER ENGINEERING INC
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No

SIEGER ENGINEERING INC (Continued) **1000818173**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIEGER ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	148 BEACON ST

SIEGER ENGINEERING INC (Continued) **1000818173**

Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-6921
Owner/Operator Telephone: 415-583-5345
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19930413
Handler Name: SIEGER ENGINEERING INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333319
NAICS Description: OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055741657

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110002744718

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

SIEGER ENGINEERING INC (Continued) **1000818173**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000818173
Registry ID:	110002744718
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002744718
Name:	SIEGER ENGINEERING INC
Address:	148 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

Envid:	1000818173
Registry ID:	110055741657
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055741657
Name:	ULTRA CLEAN TECHNOLOGY
Address:	148 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

EMI:

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	12319
Air District Name:	BA
SIC Code:	3632
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	12319
Air District Name:	BA
SIC Code:	3632
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0

SIEGER ENGINEERING INC (Continued) **1000818173**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	12319
Air District Name:	BA
SIC Code:	3632
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	12319
Air District Name:	BA
SIC Code:	3632
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	12319
Air District Name:	BA
SIC Code:	3632
Air District Name:	BAY AREA AQMD

SIEGER ENGINEERING INC (Continued) **1000818173**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.057
Reactive Organic Gases Tons/Yr:	0.057
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	12319
Air District Name:	BA
SIC Code:	3632
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.057
Reactive Organic Gases Tons/Yr:	.057
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	12319
Air District Name:	BA
SIC Code:	3632
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.057
Reactive Organic Gases Tons/Yr:	.057
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	12319

SIEGER ENGINEERING INC (Continued) **1000818173**

Air District Name: BA
SIC Code: 3632
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .057
Reactive Organic Gases Tons/Yr: .057
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SIEGER ENGINEERING INC
Address: 148 BEACON STREET
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Year: 2009
County Code: 41
Air Basin: SF
Facility ID: 12319
Air District Name: BA
SIC Code: 3632
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5.7000000000000002E-2
Reactive Organic Gases Tons/Yr: 5.7000000000000002E-2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SIEGER ENGINEERING INC
Address: 148 BEACON STREET
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Year: 2010
County Code: 41
Air Basin: SF
Facility ID: 12319
Air District Name: BA
SIC Code: 3632
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5.7000000000000002E-2
Reactive Organic Gases Tons/Yr: 5.7000000000000002E-2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HAZNET:
Name: SIEGER ENGINEERING INC
Address: 148 BEACON ST
Address 2: Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Contact: JIM BETTENCOURT H R MANAGER
Telephone: 6505835345
Mailing Name: Not reported
Mailing Address: 130 BEACON ST

Year: 2007
Gepaid: CAD981670912
TSD EPA ID: CAD980887418
CA Waste Code: -
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: Not reported

Year: 2007
Gepaid: CAD981670912
TSD EPA ID: CAD980887418
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 24.68223

Year: 2007
Gepaid: CAD981670912
TSD EPA ID: CAD980887418
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: -
Tons: 4.06575

Year: 2007
Gepaid: CAD981670912
TSD EPA ID: CAD980887418
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 73.15848

Year: 2007
Gepaid: CAD981670912
TSD EPA ID: CAD093459485
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.09

Year: 2007
Gepaid: CAD981670912
TSD EPA ID: 050702
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 4.587

Year: 2007
Gepaid: CAD981670912
TSD EPA ID: CAD008302903
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No

SIEGER ENGINEERING INC (Continued) **1000818173**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.8375
Year:	2006
Gepaid:	CAD981670912
TSD EPA ID:	CAD008302903
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H01 - Transfer Station
Tons:	1.25
Year:	2006
Gepaid:	CAD981670912
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	R01 - Recycler
Tons:	0.0025
Year:	2006
Gepaid:	CAD981670912
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H01 - Transfer Station
Tons:	0.48

Click this hyperlink while viewing on your computer to access
54 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2000
Gen EPA ID:	CAD981670912
Shipment Date:	20001227
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001227
Manifest ID:	20332901
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	10.7794
Waste Quantity:	2585
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001212

SIEGER ENGINEERING INC (Continued) **1000818173**

Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001212
Manifest ID:	20524550
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	7.5685
Waste Quantity:	1815
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001211
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001214
Manifest ID:	20542397
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1042
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001204
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001205
Manifest ID:	99406611
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	8.611
Waste Quantity:	2065
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001121
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001121
Manifest ID:	99406610
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.421
Waste Quantity:	1300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001110
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001113
Manifest ID:	99406625
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	6.255
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001110
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001116
Manifest ID:	20579060
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3836
Waste Quantity:	92
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001101
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001102
Manifest ID:	99810148
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	7.7478
Waste Quantity:	1858
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001101
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001102
Manifest ID:	99810148

SIEGER ENGINEERING INC (Continued) **1000818173**

Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD059494310
Trans Name: Not reported
TSDF Alt EPA ID: CAD059494310
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001019
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001020
Manifest ID: 99406609
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD059494310
Trans Name: Not reported
TSDF Alt EPA ID: CAD059494310
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 7.6102
Waste Quantity: 1825
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAD981670912

Shipment Date: 20061109
Creation Date: 3/30/2007 13:33:11
Receipt Date: 20061116
Manifest ID: 000057511VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDF EPA ID: CAD008302903

SIEGER ENGINEERING INC (Continued) **1000818173**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.7
Waste Quantity:	1400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061031
Creation Date:	3/30/2007 13:32:14
Receipt Date:	20061110
Manifest ID:	001822136JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061005
Creation Date:	4/19/2007 18:31:07
Receipt Date:	20061006
Manifest ID:	001626853JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.23095

SIEGER ENGINEERING INC (Continued) **1000818173**

Waste Quantity:	535
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060802
Creation Date:	9/27/2006 18:33:49
Receipt Date:	20060810
Manifest ID:	24789236
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060615
Creation Date:	9/14/2006 18:38:11
Receipt Date:	20060627
Manifest ID:	24642284
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060510

SIEGER ENGINEERING INC (Continued) **1000818173**

Creation Date:	8/10/2006 18:35:36
Receipt Date:	20060512
Manifest ID:	98122315
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.8
Waste Quantity:	1600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060215
Creation Date:	5/27/2006 18:30:56
Receipt Date:	20060220
Manifest ID:	24788875
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TRI-STATE MOTOR TRANSIT
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.48
Waste Quantity:	960
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060215
Creation Date:	5/27/2006 18:30:56
Receipt Date:	20060220
Manifest ID:	24788875
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TRI-STATE MOTOR TRANSIT
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC

SIEGER ENGINEERING INC (Continued) **1000818173**

TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060215
Creation Date:	5/27/2006 18:30:56
Receipt Date:	20060220
Manifest ID:	24788875
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TRI-STATE MOTOR TRANSIT
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060215
Creation Date:	5/27/2006 18:30:56
Receipt Date:	20060220
Manifest ID:	24788875
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TRI-STATE MOTOR TRANSIT
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD981670912
Shipment Date:	19981204
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981204
Manifest ID:	98458216
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	6.5052
Waste Quantity:	1560
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981005
Creation Date:	12/10/1998 0:00:00
Receipt Date:	19981005
Manifest ID:	98540688
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	4.9414
Waste Quantity:	1185
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Shipment Date:	19980729
Creation Date:	11/19/1998 0:00:00
Receipt Date:	19980729
Manifest ID:	98060731
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	4.8163
Waste Quantity:	1155
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980716
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980728
Manifest ID:	96608517
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4795
Waste Quantity:	115
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980507
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980507
Manifest ID:	98097833
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556

SIEGER ENGINEERING INC (Continued) **1000818173**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	2.8773
Waste Quantity:	690
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980429
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980506
Manifest ID:	97366763
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980416
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980427
Manifest ID:	96868693
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5838
Waste Quantity:	140
Quantity Unit:	G

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980407
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980407
Manifest ID:	96882096
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	2.919
Waste Quantity:	700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980220
Creation Date:	4/16/1998 0:00:00
Receipt Date:	Not reported
Manifest ID:	96608519
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D006
Meth Code:	- Not reported
Quantity Tons:	0.0542
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980206
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980212

SIEGER ENGINEERING INC (Continued) **1000818173**

Manifest ID: 96608524
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 342 - Organic liquids with metals (see 121
RCRA Code: D006
Meth Code: H01 - Transfer Station
Quantity Tons: 0.688
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2005
Gen EPA ID: CAD981670912

Shipment Date: 20051123
Creation Date: 7/12/2006 18:32:38
Receipt Date: 20051209
Manifest ID: 24789805
Trans EPA ID: NJD080631369
Trans Name: ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20051123
Creation Date: 7/12/2006 18:32:38
Receipt Date: 20051209
Manifest ID: 24789805
Trans EPA ID: NJD080631369
Trans Name: ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC

SIEGER ENGINEERING INC (Continued) **1000818173**

TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050824
Creation Date:	4/13/2006 18:46:51
Receipt Date:	20050829
Manifest ID:	24399036
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050518
Creation Date:	8/17/2005 18:31:07
Receipt Date:	20050519
Manifest ID:	23605863
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAT080014079
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4875
Waste Quantity:	975

SIEGER ENGINEERING INC (Continued) **1000818173**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050503
Creation Date:	8/17/2005 18:31:07
Receipt Date:	20050509
Manifest ID:	24250223
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	7.3036
Waste Quantity:	1922
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050415
Creation Date:	7/21/2005 18:32:26
Receipt Date:	20050415
Manifest ID:	24250228
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	6.8932
Waste Quantity:	1814
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050325
Creation Date:	5/29/2005 18:31:56

SIEGER ENGINEERING INC (Continued) **1000818173**

Receipt Date:	20050328
Manifest ID:	24250218
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	6.0496
Waste Quantity:	1592
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050311
Creation Date:	5/29/2005 18:31:56
Receipt Date:	20050314
Manifest ID:	23730012
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	8.284
Waste Quantity:	2180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050223
Creation Date:	6/1/2005 18:31:04
Receipt Date:	20050225
Manifest ID:	23608792
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAT080014079

SIEGER ENGINEERING INC (Continued) **1000818173**

TSDF Alt Name:	Not reported
Waste Code Description:	NONE - Not reported
RCRA Code:	331
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050223
Creation Date:	6/1/2005 18:31:04
Receipt Date:	20050225
Manifest ID:	23608792
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD981670912
Shipment Date:	20071108
Creation Date:	2/29/2008 18:30:19
Receipt Date:	20071108
Manifest ID:	000675120SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)

SIEGER ENGINEERING INC (Continued) **1000818173**

Quantity Tons:	3.07329
Waste Quantity:	737
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071101
Creation Date:	3/4/2008 18:30:07
Receipt Date:	20071105
Manifest ID:	000087495SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC 050702
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	2.28099
Waste Quantity:	547
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071026
Creation Date:	1/25/2008 18:30:52
Receipt Date:	20071029
Manifest ID:	000087421SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.44779
Waste Quantity:	587
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 5:	Not reported
Shipment Date:	20071018
Creation Date:	1/25/2008 18:30:33
Receipt Date:	20071019
Manifest ID:	000087321SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC 050702
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.75717
Waste Quantity:	901
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071016
Creation Date:	1/8/2008 18:30:50
Receipt Date:	20071029
Manifest ID:	000128011VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4875
Waste Quantity:	975
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071012
Creation Date:	1/25/2008 18:30:45
Receipt Date:	20071017
Manifest ID:	000087229SKS
Trans EPA ID:	TXR000050930

SIEGER ENGINEERING INC (Continued) **1000818173**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.79213
Waste Quantity:	1389
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071001
Creation Date:	12/28/2007 18:31:07
Receipt Date:	20071002
Manifest ID:	000518422SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	6.0465
Waste Quantity:	1450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070913
Creation Date:	12/28/2007 18:30:32
Receipt Date:	20070917
Manifest ID:	000518228SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.57946
Waste Quantity:	1338
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070830
Creation Date:	11/6/2007 18:30:15
Receipt Date:	20070831
Manifest ID:	000518035SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.753
Waste Quantity:	900
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070823
Creation Date:	2/29/2008 18:30:12
Receipt Date:	20070823
Manifest ID:	000581428SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	5.421
Waste Quantity:	1300
Quantity Unit:	G

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD981670912
Shipment Date:	19971203
Creation Date:	3/18/1998 0:00:00
Receipt Date:	Not reported
Manifest ID:	97440413
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	1.6054
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD981670912
Shipment Date:	20021226
Creation Date:	5/18/2003 14:32:26
Receipt Date:	20021230
Manifest ID:	22285929
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	3.30264
Waste Quantity:	792
Quantity Unit:	G

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021101
Creation Date:	4/2/2003 18:31:15
Receipt Date:	20021105
Manifest ID:	22055914
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	6.16326
Waste Quantity:	1478
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021031
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20021107
Manifest ID:	21980642
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021031
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20021107

SIEGER ENGINEERING INC (Continued) **1000818173**

Manifest ID:	21980642
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021031
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20021107
Manifest ID:	21980642
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021031
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20021107
Manifest ID:	21980642
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.18
Waste Quantity:	360
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020926
Creation Date:	2/11/2003 18:31:24
Receipt Date:	20021001
Manifest ID:	21980661
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020926
Creation Date:	2/11/2003 18:31:24
Receipt Date:	20021001
Manifest ID:	21980661
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020919
Creation Date:	3/16/2007 18:30:20
Receipt Date:	20020923
Manifest ID:	21967707
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	6.3384
Waste Quantity:	1520
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020827
Creation Date:	1/27/2003 18:31:12
Receipt Date:	20020828
Manifest ID:	21967642
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.92557
Waste Quantity:	1421
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD981670912
Shipment Date:	19991122
Creation Date:	2/1/2000 0:00:00

SIEGER ENGINEERING INC (Continued) **1000818173**

Receipt Date:	19991122
Manifest ID:	99070738
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	8.4025
Waste Quantity:	2015
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991103
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991103
Manifest ID:	99072149
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	8.988
Waste Quantity:	2140
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991014
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991014
Manifest ID:	99562320
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556

SIEGER ENGINEERING INC (Continued) **1000818173**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	7.923
Waste Quantity:	1900
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990922
Creation Date:	11/19/1999 0:00:00
Receipt Date:	19990922
Manifest ID:	99070766
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	6.672
Waste Quantity:	1600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990820
Creation Date:	11/16/1999 0:00:00
Receipt Date:	19990820
Manifest ID:	99438332
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.421
Waste Quantity:	1300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990722
Creation Date:	10/26/1999 0:00:00
Receipt Date:	19990722
Manifest ID:	99434377
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.7337
Waste Quantity:	1375
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990525
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990525
Manifest ID:	99171354
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	6.255
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990224
Creation Date:	5/17/1999 0:00:00
Receipt Date:	19990224
Manifest ID:	98760341
Trans EPA ID:	CAD044003556

SIEGER ENGINEERING INC (Continued) **1000818173**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	8.34
Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD981670912
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	21982173
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	21982173
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.22
Waste Quantity:	440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	21982173
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	21982173
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031217
Creation Date:	7/30/2004 18:31:14
Receipt Date:	20031218
Manifest ID:	22956020
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LL
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	8.86125
Waste Quantity:	2125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031203
Creation Date:	7/30/2004 18:31:14
Receipt Date:	20031212
Manifest ID:	22951564
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031126
Creation Date:	8/9/2004 14:56:30
Receipt Date:	20031208
Manifest ID:	23310262

SIEGER ENGINEERING INC (Continued) **1000818173**

Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031126
Creation Date:	8/9/2004 14:56:30
Receipt Date:	20031208
Manifest ID:	23310262
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031126
Creation Date:	8/9/2004 14:56:30
Receipt Date:	20031208
Manifest ID:	23310262
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap

SIEGER ENGINEERING INC (Continued) **1000818173**

RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031126
Creation Date:	8/9/2004 14:56:30
Receipt Date:	20031208
Manifest ID:	23310262
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD981670912
Shipment Date:	20041230
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20050104
Manifest ID:	24249603
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	6.8932
Waste Quantity:	1814
Quantity Unit:	G

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041206
Creation Date:	3/16/2005 18:31:03
Receipt Date:	20041208
Manifest ID:	23728703
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	6.688
Waste Quantity:	1760
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041117
Creation Date:	2/17/2005 18:32:22
Receipt Date:	20041202
Manifest ID:	23608721
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAT080014079
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.8
Waste Quantity:	1600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041108
Creation Date:	1/20/2005 18:30:36
Receipt Date:	20041109

SIEGER ENGINEERING INC (Continued) **1000818173**

Manifest ID:	23728694
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	7.3036
Waste Quantity:	1922
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041024
Creation Date:	1/14/2005 10:18:48
Receipt Date:	20041026
Manifest ID:	23731232
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	6.4752
Waste Quantity:	1704
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041008
Creation Date:	12/21/2004 18:30:50
Receipt Date:	20041008
Manifest ID:	23731234
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	7.7026
Waste Quantity:	2027
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041001
Creation Date:	12/21/2004 18:30:50
Receipt Date:	20041004
Manifest ID:	23731243
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	7.8964
Waste Quantity:	2078
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040922
Creation Date:	1/6/2005 18:32:03
Receipt Date:	20041001
Manifest ID:	23731285
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040915
Creation Date:	12/22/2004 18:31:08
Receipt Date:	20040916
Manifest ID:	23692137
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	7.8964
Waste Quantity:	2078
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040903
Creation Date:	12/22/2004 18:31:08
Receipt Date:	20040903
Manifest ID:	23692129
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	6.0496
Waste Quantity:	1592
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD981670912
Shipment Date:	20011206
Creation Date:	2/13/2002 0:00:00

SIEGER ENGINEERING INC (Continued) **1000818173**

Receipt Date:	20011218
Manifest ID:	21045596
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011101
Creation Date:	1/29/2002 0:00:00
Receipt Date:	20011106
Manifest ID:	21019805
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.6295
Waste Quantity:	1350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011101
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011105
Manifest ID:	21223222
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079

SIEGER ENGINEERING INC (Continued) **1000818173**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011010
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011011
Manifest ID:	20583321
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.375
Waste Quantity:	750
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010920
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010924
Manifest ID:	21457249
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3127
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010823
Creation Date:	12/17/2001 0:00:00
Receipt Date:	Not reported
Manifest ID:	21019625
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000030452
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	7.089
Waste Quantity:	1700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010808
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010809
Manifest ID:	21105027
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1042
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010629
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010629
Manifest ID:	20335527
Trans EPA ID:	SCR000075150

SIEGER ENGINEERING INC (Continued) **1000818173**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	4.17
Waste Quantity:	1000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010628
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010703
Manifest ID:	21131279
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1084
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010608
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010608
Manifest ID:	20335521
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported

SIEGER ENGINEERING INC (Continued) **1000818173**

Meth Code:	H01 - Transfer Station
Quantity Tons:	5.421
Waste Quantity:	1300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806921
Site ID:	494076
CERS ID:	110002744718
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	DIEDARIK A MOLENAAR
Entity Title:	Not reported
Affiliation Address:	148 BEACON ST
Affiliation City:	SSANFRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	SIEGER ENGINEERING INC
Address:	148 BEACON ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAD981670912
Inactive Date:	06/30/2007
Create Date:	04/13/1993
Last Act Date:	07/06/2010
Mailing Name:	Not reported
Mailing Address:	130 BEACON ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806913
Owner Name:	LEONARD MEZHVINSKY
Owner Address:	130 BEACON ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806913
Contact Name:	JIM BETTENCOURT H R MANAGER
Contact Address:	130 BEACON ST
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806913

NAICS:

EPA ID:	CAD981670912
Create Date:	2006-11-27 18:30:15.000
NAICS Code:	332721
NAICS Description:	Precision Turned Product Manufacturing

SIEGER ENGINEERING INC (Continued) **1000818173**

Issued EPA ID Date:	1993-04-13 00:00:00
Inactive Date:	2007-06-30 00:00:00
Facility Name:	SIEGER ENGINEERING INC
Facility Address:	148 BEACON ST
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940800000

W188 **ULTRA CLEAN TECHNOLOGY** **RCRA NonGen / NLR** **1024818720**
SE **148 BEACON ST** **CAL000326745**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.138 mi.
730 ft. **Site 3 of 16 in cluster W**

Relative: **Lower**
Actual: **17 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20071115
Handler Name:	ULTRA CLEAN TECHNOLOGY
Handler Address:	148 BEACON ST
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6913
EPA ID:	CAL000326745
Contact Name:	STEVE CHAFFEY
Contact Address:	26462 CORPORATE AVE
Contact City,State,Zip:	HAYWARD, CA 94545
Contact Telephone:	510-576-4565
Contact Fax:	510-576-4401
Contact Email:	SCHAFFEY@UCT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	26462 CORPORATE AVE
Mailing City,State,Zip:	HAYWARD, CA 94545-3914
Owner Name:	ULTRA CLEAN TECHNOLOGY
Owner Type:	Other
Operator Name:	STEVE CHAFFEY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No

ULTRA CLEAN TECHNOLOGY (Continued) **1024818720**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ULTRA CLEAN TECHNOLOGY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	26462 CORPORATE AVE
Owner/Operator City,State,Zip:	HAYWARD, CA 94545-3914
Owner/Operator Telephone:	510-576-4400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **1024818720**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVE CHAFFEY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	26462 CORPORATE AVE
Owner/Operator City,State,Zip:	HAYWARD, CA 94545
Owner/Operator Telephone:	510-576-4565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20071115
Handler Name:	ULTRA CLEAN TECHNOLOGY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332721
NAICS Description:	PRECISION TURNED PRODUCT MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

W189 **ULTRA CLEAN TECHNOLOGY** **AST** **S113150538**
SE **148 BEACON ST** **HAZNET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.138 mi.
730 ft. **Site 4 of 16 in cluster W**

Relative:
Lower

Actual:
17 ft.

AST:

Name:	ULTRA CLEAN TECHNOLOGY
Address:	148 BEACON ST
City/Zip:	SOUTH SAN FRANCISCO,94080
Certified Unified Program Agencies:	Not reported
Owner:	Ultra Clean technology
Total Gallons:	Not reported
CERSID:	10445158
Facility ID:	Not reported
Business Name:	Ultra Clean Technology
Phone:	650-583-5345
Fax:	Not reported
Mailing Address:	130 Beacon St

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Mailing Address City:	South San Francisco
Mailing Address State:	CA
Mailing Address Zip Code:	94080
Operator Name:	Ultra Clean Technology
Operator Phone:	650-583-5345
Owner Phone:	510-576-4400
Owner Mail Address:	26462 Corporate Avenue
Owner State:	CA
Owner Zip Code:	94545
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAL000326745

HAZNET:

Name:	ULTRA CLEAN TECHNOLOGY
Address:	148 BEACON ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 945453914
Contact:	STEVE CHAFFEY
Telephone:	5105764565
Mailing Name:	Not reported
Mailing Address:	26462 CORPORATE AVE
Year:	2018
Gepaid:	CAL000326745
TSD EPA ID:	CAD059494310
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01000
Year:	2018
Gepaid:	CAL000326745
TSD EPA ID:	TXD055141378
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.07500
Year:	2018
Gepaid:	CAL000326745
TSD EPA ID:	CAD059494310
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25000
Year:	2016
Gepaid:	CAL000326745
TSD EPA ID:	CAD059494310
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.675
Year:	2016
Gepaid:	CAL000326745
TSD EPA ID:	ARD069748192
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0625
Year:	2015
Gepaid:	CAL000326745
TSD EPA ID:	CAD980675276
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.975
Year:	2015
Gepaid:	CAL000326745
TSD EPA ID:	CAD059494310
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	24.3
Year:	2015
Gepaid:	CAL000326745
TSD EPA ID:	NED981723513
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05
Year:	2014
Gepaid:	CAL000326745
TSD EPA ID:	CAD980675276
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	2
Year:	2014
Gepaid:	CAL000326745
TSD EPA ID:	CAD059494310
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0125

Click this hyperlink while viewing on your computer to access
36 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2012

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Gen EPA ID:	CAL000326745
Shipment Date:	20121116
Creation Date:	4/17/2013 22:15:34
Receipt Date:	20121203
Manifest ID:	002937420SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121116
Creation Date:	4/17/2013 22:15:43
Receipt Date:	20121203
Manifest ID:	002937421SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121116
Creation Date:	4/17/2013 22:15:34
Receipt Date:	20121203
Manifest ID:	002937420SKS
Trans EPA ID:	TXR000081205

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121116
Creation Date:	4/17/2013 22:15:34
Receipt Date:	20121203
Manifest ID:	002937420SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120501
Creation Date:	6/12/2012 20:30:16
Receipt Date:	20120502
Manifest ID:	003240224SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	8.23158
Waste Quantity:	1974
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120329
Creation Date:	5/22/2012 20:30:10
Receipt Date:	20120330
Manifest ID:	003175066SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	8.23158
Waste Quantity:	1974
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120209
Creation Date:	3/28/2012 20:30:13
Receipt Date:	20120210
Manifest ID:	003136343SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	7.56438
Waste Quantity:	1814
Quantity Unit:	G

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120105
Creation Date:	3/16/2012 20:30:47
Receipt Date:	20120106
Manifest ID:	003135596SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	7.94385
Waste Quantity:	1905
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000326745
Shipment Date:	20131210
Creation Date:	3/8/2014 22:15:07
Receipt Date:	20140103
Manifest ID:	003946996SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131105
Creation Date:	3/18/2014 22:15:05
Receipt Date:	20131218
Manifest ID:	003946566SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130813
Creation Date:	10/30/2013 22:15:29
Receipt Date:	20130826
Manifest ID:	003817276SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	59494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130813
Creation Date:	10/30/2013 22:15:29
Receipt Date:	20130826
Manifest ID:	003817276SKS

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	59494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130130
Creation Date:	8/20/2013 22:15:09
Receipt Date:	20130211
Manifest ID:	003619655SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000326745
Shipment Date:	20150303
Creation Date:	7/6/2015 22:15:12
Receipt Date:	20150317
Manifest ID:	004406820SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.35
Waste Quantity:	2700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150227
Creation Date:	7/6/2015 22:15:12
Receipt Date:	20150313
Manifest ID:	004406742SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	6.75
Waste Quantity:	13500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150217
Creation Date:	8/21/2015 22:15:28
Receipt Date:	20150306
Manifest ID:	004404992SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.375
Waste Quantity:	750
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150217
Creation Date:	7/23/2015 22:15:32
Receipt Date:	20150306
Manifest ID:	004404993SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150217
Creation Date:	5/19/2015 22:15:15
Receipt Date:	20150227
Manifest ID:	004404991SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	8.1
Waste Quantity:	16200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150114
Creation Date:	5/18/2015 22:15:42
Receipt Date:	20150205
Manifest ID:	004406321SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150114
Creation Date:	3/23/2015 22:15:06
Receipt Date:	20150126
Manifest ID:	004406320SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	8.1
Waste Quantity:	16200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000326745

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Shipment Date:	20091215
Creation Date:	2/3/2010 18:31:10
Receipt Date:	20091215
Manifest ID:	002155812SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.776
Waste Quantity:	1520
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091102
Creation Date:	1/8/2010 18:30:49
Receipt Date:	20091102
Manifest ID:	002172708SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.776
Waste Quantity:	1520
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091001
Creation Date:	11/25/2009 18:30:45
Receipt Date:	20091002
Manifest ID:	002156327SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	6.2662
Waste Quantity:	1649
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090827
Creation Date:	9/30/2009 18:30:08
Receipt Date:	20090831
Manifest ID:	002017339SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	6.2662
Waste Quantity:	1649
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090806
Creation Date:	9/9/2009 18:30:30
Receipt Date:	20090810
Manifest ID:	000306423VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090806
Creation Date:	9/23/2009 18:30:38
Receipt Date:	20090812
Manifest ID:	000306424VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090806
Creation Date:	9/9/2009 18:30:30
Receipt Date:	20090810
Manifest ID:	000306423VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090806
Creation Date:	9/9/2009 18:30:30
Receipt Date:	20090810
Manifest ID:	000306423VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090731
Creation Date:	9/15/2009 18:30:08
Receipt Date:	20090803
Manifest ID:	002017962SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	6.308
Waste Quantity:	1660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090618
Creation Date:	8/3/2009 18:30:20
Receipt Date:	20090624
Manifest ID:	000272479SKS
Trans EPA ID:	TXR000050930

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.9964
Waste Quantity:	1578
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000326745
Shipment Date:	20100812
Creation Date:	10/8/2010 18:30:33
Receipt Date:	20100819
Manifest ID:	000489169VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TRI-STATE MOTOR TRANSIT CO
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.8
Waste Quantity:	1600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100419
Creation Date:	7/20/2010 18:30:31
Receipt Date:	20100419
Manifest ID:	003279034FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	5.985
Waste Quantity:	1575
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100309
Creation Date:	5/27/2010 18:31:08
Receipt Date:	20100312
Manifest ID:	002501379SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.985
Waste Quantity:	1575
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100127
Creation Date:	4/12/2010 18:30:08
Receipt Date:	20100128
Manifest ID:	002367672SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	6.365
Waste Quantity:	1675
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000326745
Shipment Date:	20150303
Creation Date:	7/6/2015 22:15:12
Receipt Date:	20150317
Manifest ID:	004406820SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.35
Waste Quantity:	2700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150227
Creation Date:	7/6/2015 22:15:12
Receipt Date:	20150313
Manifest ID:	004406742SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	6.75
Waste Quantity:	13500

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150217
Creation Date:	8/21/2015 22:15:28
Receipt Date:	20150306
Manifest ID:	004404992SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.375
Waste Quantity:	750
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150217
Creation Date:	7/23/2015 22:15:32
Receipt Date:	20150306
Manifest ID:	004404993SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Shipment Date:	20150217
Creation Date:	5/19/2015 22:15:15
Receipt Date:	20150227
Manifest ID:	004404991SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	8.1
Waste Quantity:	16200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150114
Creation Date:	5/18/2015 22:15:42
Receipt Date:	20150205
Manifest ID:	004406321SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150114
Creation Date:	3/23/2015 22:15:06
Receipt Date:	20150126
Manifest ID:	004406320SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	8.1
Waste Quantity:	16200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000326745
Shipment Date:	20071214
Creation Date:	3/8/2008 18:30:14
Receipt Date:	20071214
Manifest ID:	000693127SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.9607
Waste Quantity:	710
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071206
Creation Date:	3/4/2008 18:31:09
Receipt Date:	20071206
Manifest ID:	000693123SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	4.1283
Waste Quantity:	990
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071127
Creation Date:	2/29/2008 18:30:52
Receipt Date:	20071129
Manifest ID:	000675371SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	5.57946
Waste Quantity:	1338
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000326745
Shipment Date:	20081218
Creation Date:	2/4/2009 18:30:27
Receipt Date:	20081218
Manifest ID:	001569393SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.472
Waste Quantity:	1440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081204
Creation Date:	1/9/2009 18:30:26
Receipt Date:	20081205
Manifest ID:	001569183SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.016
Waste Quantity:	1320
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081113
Creation Date:	12/30/2008 18:30:19
Receipt Date:	20081113
Manifest ID:	001208878SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.282
Waste Quantity:	1390
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081106
Creation Date:	1/14/2009 18:30:08
Receipt Date:	20081119
Manifest ID:	000245588VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081106
Creation Date:	1/14/2009 18:30:08
Receipt Date:	20081119
Manifest ID:	000245588VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081106
Creation Date:	1/14/2009 18:30:08
Receipt Date:	20081119
Manifest ID:	000245588VES

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081106
Creation Date:	1/9/2009 18:30:26
Receipt Date:	20081112
Manifest ID:	000245589VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081106
Creation Date:	1/9/2009 18:30:26
Receipt Date:	20081112
Manifest ID:	000245589VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081106
Creation Date:	1/14/2009 18:30:08
Receipt Date:	20081119
Manifest ID:	000245588VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081030
Creation Date:	12/10/2008 18:30:18
Receipt Date:	20081030
Manifest ID:	001208717SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.0844
Waste Quantity:	1338

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000326745
Shipment Date:	20141209
Creation Date:	3/6/2015 22:14:58
Receipt Date:	20141223
Manifest ID:	004407137SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	7.4
Waste Quantity:	14800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141107
Creation Date:	2/14/2015 22:15:08
Receipt Date:	20141121
Manifest ID:	004407952SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141107
Creation Date:	3/27/2015 22:15:05
Receipt Date:	20141118
Manifest ID:	004407953SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141107
Creation Date:	3/27/2015 22:15:05
Receipt Date:	20141118
Manifest ID:	004407953SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3
Waste Quantity:	6000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141107
Creation Date:	5/11/2015 22:15:07
Receipt Date:	20141129

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Manifest ID:	004407954SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141013
Creation Date:	1/14/2015 22:14:51
Receipt Date:	20141027
Manifest ID:	004405290SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	6.75
Waste Quantity:	13500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140910
Creation Date:	11/22/2014 22:15:14
Receipt Date:	20140922
Manifest ID:	004399602SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.4
Waste Quantity:	10800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140909
Creation Date:	11/22/2014 22:15:14
Receipt Date:	20140918
Manifest ID:	004399587SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5
Waste Quantity:	10000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140804
Creation Date:	10/31/2014 22:14:51
Receipt Date:	20140820
Manifest ID:	004408270SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.5

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140804
Creation Date:	10/31/2014 22:14:51
Receipt Date:	20140813
Manifest ID:	004408269SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEANHARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	4.5
Waste Quantity:	9000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000326745
Shipment Date:	20111108
Creation Date:	1/27/2012 20:30:28
Receipt Date:	20111109
Manifest ID:	002915537SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	7.33503
Waste Quantity:	1759
Quantity Unit:	G
Additional Code 1:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111024
Creation Date:	12/27/2011 18:30:22
Receipt Date:	20111025
Manifest ID:	002915709SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	7.56438
Waste Quantity:	1814
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110928
Creation Date:	12/9/2011 18:30:36
Receipt Date:	20110929
Manifest ID:	002916159SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	8.23158
Waste Quantity:	1974
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110826
Creation Date:	10/19/2011 18:30:46

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Receipt Date:	20110829
Manifest ID:	002586898SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	7.33503
Waste Quantity:	1759
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110729
Creation Date:	9/16/2011 18:30:28
Receipt Date:	20110801
Manifest ID:	003724429FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	7.10568
Waste Quantity:	1704
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110525
Creation Date:	7/23/2011 18:30:32
Receipt Date:	20110606
Manifest ID:	000444485VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110525
Creation Date:	7/23/2011 18:30:24
Receipt Date:	20110527
Manifest ID:	000444486VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	ULTRA CLEAN TECHNOLOGY
Address:	148 BEACON ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806913
EPA ID:	CAL000326745
Inactive Date:	02/04/2021
Create Date:	11/15/2007
Last Act Date:	02/04/2021
Mailing Name:	Not reported
Mailing Address:	44050 FREMONT BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FREMONT, CA 94538
Owner Name:	ULTRA CLEAN TECHNOLOGY
Owner Address:	26462 CORPORATE AVE
Owner Address 2:	Not reported

ULTRA CLEAN TECHNOLOGY (Continued) **S113150538**

Owner City,State,Zip: HAYWARD, CA 945453914
Contact Name: VICKI KAUR
Contact Address: 44050 FREMONT BLVD
Contact Address 2: Not reported
City,State,Zip: FREMONT, CA 94538

NAICS:
EPA ID: CAL000326745
Create Date: 2007-11-15 13:03:58.287
NAICS Code: 332721
NAICS Description: Precision Turned Product Manufacturing
Issued EPA ID Date: 2007-11-15 13:03:58.28700
Inactive Date: 2021-02-04 00:00:00
Facility Name: ULTRA CLEAN TECHNOLOGY
Facility Address: 148 BEACON ST
Facility Address 2: Not reported
Facility City: SOUTH SAN FRANCISCO
Facility County: Not reported
Facility State: CA
Facility Zip: 940806913

W190 **ULTRA CLEAN TECHNOLOGY** **San Mateo Co. BI** **S117397384**
SE **148 BEACON** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.138 mi.
730 ft. **Site 5 of 16 in cluster W**

Relative: **Lower**

Actual: **17 ft.**

San Mateo Co. BI:
Name: ULTRA CLEAN TECHNOLOGY
Address: 148 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0010522
Prog Element Code: GEN 6-25 TONS HAZ WASTE/YR
Record Id: PR0011558
Description: GEN 6-25 TONS HAZ WASTE/YR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ULTRA CLEAN TECHNOLOGY
Address: 148 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0010522
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0004336
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: ULTRA CLEAN TECHNOLOGY
Address: 148 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0010522
Prog Element Code: 2353
Record Id: PR0067504

ULTRA CLEAN TECHNOLOGY (Continued) **S117397384**

Description:	TANK STOR CAP =>1,320 & <10,000 GAL
Facility Status:	Active, billable
Program Category:	ABOVE GROUND PETROLEUM STORAGE (AST)
Name:	ULTRA CLEAN TECHNOLOGY
Address:	148 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0010522
Prog Element Code:	ABOVE GROUND TANK/SPCC
Record Id:	PR0065318
Description:	ABOVE GROUND TANK/SPCC
Facility Status:	Inactive, non-billable
Program Category:	ABOVE GROUND PETROLEUM STORAGE (AST)

X191 **STEINER CORPORATION** **RCRA-SQG** **1000256594**
NNW **1377 LOWRIE AVE** **CAD981628100**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.139 mi.
732 ft. **Site 1 of 10 in cluster X**

Relative: **Higher**
Actual: **25 ft.**

RCRA-SQG:

Date Form Received by Agency:		19861119
Handler Name:	STEINER CORPORATION	
Handler Address:		1377 LOWRIE AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD981628100
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		1377 LOWRIE AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-871-6631
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		LOWRIE AVE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		STEINER SERVICE CORP
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No

STEINER CORPORATION (Continued) **1000256594**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212

STEINER CORPORATION (Continued) **1000256594**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: STEINER SERVICE CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19861119
Handler Name: STEINER CORPORATION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

X192 **L & N UNIFORMS** **RCRA-SQG** **1000124910**
NNW **1377 LOWRIE AVE** **FINDS** **CAD981991128**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.139 mi.
732 ft. **Site 2 of 10 in cluster X**

Relative:
Higher

Actual:
25 ft.

RCRA-SQG:
Date Form Received by Agency: 19870305
Handler Name: L & N UNIFORMS
Handler Address: 1377 LOWRIE AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAD981991128
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 1377 LOWRIE AVE
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 415-871-6631

L & N UNIFORMS (Continued) **1000124910**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	LOWRIE AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	L & N UNIFORMS
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

L & N UNIFORMS (Continued) **1000124910**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	L & N UNIFORMS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19870305
Handler Name: L & N UNIFORMS	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

L & N UNIFORMS (Continued) **1000124910**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110009541415

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000124910
Registry ID: 110009541415
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009541415
Name: L & N UNIFORMS
Address: 1377 LOWRIE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

X193 **P & S TOWING** **San Mateo Co. BI** **S117398163**
NNW **1375 LOWRIE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.139 mi.
735 ft. **Site 3 of 10 in cluster X**

Relative:
Higher

Actual:
24 ft.

San Mateo Co. BI:
Name: P & S TOWING
Address: 1375 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027508
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0043773
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: P & S TOWING
Address: 1375 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027508

P & S TOWING (Continued) **S117398163**

Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0043774
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

N194 **FIRSTELEMENT FUEL INC** **RCRA NonGen / NLR** **1024849486**
NNE **248 S AIRPORT BLVD** **CAL000406178**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.141 mi.
743 ft. **Site 5 of 14 in cluster N**

Relative: **Lower**
Actual: **19 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150417
Handler Name:	FIRSTELEMENT FUEL INC	
Handler Address:		248 S AIRPORT BLVD
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAL000406178
Contact Name:		GHASSAN SLEIMAN
Contact Address:		5151 CALIFORNIA AVE STE 220
Contact City,State,Zip:		IRVINE, CA 92617
Contact Telephone:		310-415-2189
Contact Fax:		Not reported
Contact Email:		GHASSAN.SLEIMAN@FEFUEL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		5151 CALIFORNIA AVE STE 220
Mailing City,State,Zip:		IRVINE, CA 92617
Owner Name:		FIRSTELEMENT FUEL INC
Owner Type:		Other
Operator Name:		GHASSAN SLEIMAN
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported

FIRSTELEMENT FUEL INC (Continued) **1024849486**

Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIRSTELEMENT FUEL INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5151 CALIFORNIA AVE STE 220
Owner/Operator City,State,Zip:	IRVINE, CA 92617
Owner/Operator Telephone:	949-205-5553
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GHASSAN SLEIMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

FIRSTELEMENT FUEL INC (Continued) **1024849486**

Owner/Operator Address: 5151 CALIFORNIA AVE STE 220
Owner/Operator City,State,Zip: IRVINE, CA 92617
Owner/Operator Telephone: 310-415-2189
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20150417
Handler Name: FIRSTELEMENT FUEL INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 454319
NAICS Description: OTHER FUEL DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N195 **JOHNNYS SHELL** **RCRA NonGen / NLR** **1024813244**
NNE **248 S AIRPORT BLVD** **CAL000303124**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.141 mi.
743 ft. **Site 6 of 14 in cluster N**

Relative: **Lower**
Actual: **19 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20060208
Handler Name: JOHNNYS SHELL
Handler Address: 248 S AIRPORT BLVD
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-6701
EPA ID: CAL000303124
Contact Name: RUSS HAMPTON
Contact Address: 248 SOUTH AIRPORT BLVD.
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 650-348-2324
Contact Fax: Not reported
Contact Email: RUSSHAMPTON@YAHOO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

JOHNNYS SHELL (Continued) **1024813244**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	248 S AIRPORT BLVD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6701
Owner Name:	HAMPTONS SERVICE INC
Owner Type:	Other
Operator Name:	RUSS HAMPTON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

JOHNNYS SHELL (Continued) **1024813244**

Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSS HAMPTON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	248 SOUTH AIRPORT BLVD.
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-348-2324
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAMPTONS SERVICE INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	248 S AIRPORT BLVD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6701
Owner/Operator Telephone:	650-348-2324
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060208
Handler Name: JOHNNYS SHELL	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44711
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

JOHNNYS SHELL (Continued) **1024813244**

Evaluation Action Summary:
Evaluations: No Evaluations Found

N196 **SHELL SERVICE STATION** **LUST** **S106499141**
NNE **248 SOUTH AIRPORT BOULEVARD** **Cortese** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.141 mi.
743 ft. **Site 7 of 14 in cluster N**

Relative:
Lower

Actual:
19 ft.

LUST:

Name:	SHELL SERVICE STATION
Address:	248 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608153743
Global Id:	T0608153743
Latitude:	37.6478744804683
Longitude:	-122.405886054039
Status:	Completed - Case Closed
Status Date:	08/29/2006
Case Worker:	JM
RB Case Number:	Not reported
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550186
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T0608153743
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608153743
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608153743
Action Type:	Other
Date:	07/26/2004

SHELL SERVICE STATION (Continued) **S106499141**

Action: Leak Discovery

Global Id: T0608153743
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 04/15/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608153743
Action Type: RESPONSE
Date: 12/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 02/02/2005
Action: Preliminary Site Assessment Workplan

Global Id: T0608153743
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

SHELL SERVICE STATION (Continued) **S106499141**

Global Id: T0608153743
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 08/30/2006
Action: Soil and Water Investigation Workplan

Global Id: T0608153743
Action Type: RESPONSE
Date: 01/10/2007
Action: Soil and Water Investigation Report

Global Id: T0608153743
Action Type: ENFORCEMENT
Date: 12/02/2004
Action: Notice of Responsibility - #20041202

Global Id: T0608153743
Action Type: ENFORCEMENT
Date: 09/12/2006
Action: Staff Letter - #20060912

Global Id: T0608153743
Action Type: ENFORCEMENT
Date: 07/05/2006
Action: Staff Letter - #2006/0705

Global Id: T0608153743
Action Type: ENFORCEMENT
Date: 11/20/2008
Action: Staff Letter - #20081120

Global Id: T0608153743
Action Type: Other
Date: 11/22/2004
Action: Leak Reported

Global Id: T0608153743
Action Type: RESPONSE
Date: 02/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608153743
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: REMEDIATION

SHELL SERVICE STATION (Continued) **S106499141**

Date: 07/22/2004
Action: Excavation

Global Id: T0608153743
Action Type: ENFORCEMENT
Date: 10/06/2010
Action: Staff Letter - #20101006

Global Id: T0608153743
Action Type: ENFORCEMENT
Date: 05/09/2011
Action: Closure/No Further Action Letter - #20110509

Global Id: T0608153743
Action Type: Other
Date: 07/26/2004
Action: Leak Stopped

Global Id: T0608153743
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608153743
Action Type: ENFORCEMENT
Date: 07/02/2009
Action: Staff Letter - #20090702

LUST:
Global Id: T0608153743
Status: Open - Case Begin Date
Status Date: 07/26/2004

Global Id: T0608153743
Status: Open - Site Assessment
Status Date: 12/06/2004

Global Id: T0608153743
Status: Open - Site Assessment
Status Date: 02/01/2005

Global Id: T0608153743

SHELL SERVICE STATION (Continued) **S106499141**

Status: Completed - Case Closed
Status Date: 08/29/2006

Global Id: T0608153743
Status: Open - Site Assessment
Status Date: 08/29/2006

CORTESE:
Name: SHELL SERVICE STATION
Address: 248 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608153743
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: SHELL SERVICE STATION
Address: 248 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 248235
CERS ID: T0608153743
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100

SHELL SERVICE STATION (Continued) **S106499141**

Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

N197 **HAMPTON'S SERVICE, INC.** **LUST** **U001594785**
NNE **248 S AIRPORT BLVD** **HIST UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS TANKS**
0.141 mi. **HAZNET**
743 ft. **Site 8 of 14 in cluster N** **CERS**
HWTS

Relative:
Lower

Actual:
19 ft.

SAN MATEO CO. LUST:
Name: SHELL SERVICE STATION
Address: 248 S AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550186
Facility Status: 9- Case Closed
Global ID: T0608153743
APN Number: 015220070
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HIST UST:
Name: HAMPTON'S SERVICE, INC.
Address: 248 S AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000044025
Facility Type: Gas Station
Other Type: Not reported
Contact Name: RUSSELL J. HAMPTON
Telephone: 4155832324
Owner Name: HAMPTON'S SERVICE, INC.
Owner Address: 248 SO. AIRPORT BLVD.
Owner City,St,Zip: SO SAN FRANCISCO, CA 94080
Total Tanks: 0004

Tank Num: 001
Container Num: ONE
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: TWO
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: THREE
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: FOUR
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

CERS TANKS:
Name: JOHNNYS SHELL
Address: 248 S AIRPORT BLVD
City,State,Zip: S SAN FRANCISCO, CA 94080
Site ID: 35250
CERS ID: 10066201
CERS Description: Underground Storage Tank

HAZNET:
Name: FIRSTELEMENT FUEL INC
Address: 248 S AIRPORT BLVD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact: GHASSAN SLEIMAN
Telephone: 3104152189
Mailing Name: Not reported
Mailing Address: 5151 CALIFORNIA AVE STE 220

Year: 2016
Gepaid: CAL000406178
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.19

CERS:
Name: JOHNNYS SHELL
Address: 248 S AIRPORT BLVD
City,State,Zip: S SAN FRANCISCO, CA 94080
Site ID: 35250
CERS ID: 10066201
CERS Description: Chemical Storage Facilities

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Violations:

Site ID:	35250
Site Name:	Johnnys Shell
Violation Date:	08-16-2021
Citation:	23 CCR 16 2712(b)(6) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(6)
Violation Description:	Failure to maintain records of repairs and upgrades on site, or off site if approved by the UPA, for the life of the UST.
Violation Notes:	OBSERVATION: Records for the following alarms could not be located on site. The alarm log was only observed to be documented through 6/1/20. - Q3 alarms: Jan. 6, 2021, Jan 24, 2021 ,Dec. 23 2020 (Noted on DO report) - S7 Diesel vent vac 1/7/21 - bS1 87 (high liquid, no vacuum) 10/22/20 - Not noted on DO REQUIRED ACTION: Submit a copy of any work orders or responses to these alarms. Please ensure records associated with the tank replacement are also available on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	35250
Site Name:	Johnnys Shell
Violation Date:	11-04-2014
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes:	Returned to compliance on 11/14/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	35250
Site Name:	Johnnys Shell
Violation Date:	11-01-2017
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 11/01/2017. Sumps for 87-2 turbine sump and 91 turbine sump had 208 sensor fiberglass sleeves in the bottom of the sump which extended all the way to the bottom of the sump, not allowing liquid to be detected at earliest opportunity. Holes were punched in these sleeves and water was released from the sleeves in both sumps. Sensors cannot be placed here and if this is detected again it will be interpreted as tampering with leak detection system.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	35250
Site Name:	Johnnys Shell
Violation Date:	11-01-2016
Citation:	23 CCR 16 2632, 2634, 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2712(b)
Violation Description:	Failure to maintain monitoring and maintenance records (e.g., alarm logs) and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 12/13/2016. OBSERVATION: Owner/Operator did

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

not maintain leak detection alarm logs and records of appropriate follow-up actions. The owner/operator and the designated operator did not document the following alarms: L3 91 fill sump fuel alarm on 11-16-15 and the Q1 87-1 shut down alarm on 10-18-16. CORRECTIVE ACTION: Maintain leak detection alarm logs and records of appropriate follow-up actions. Submit a statement of how this violation has been or will be corrected to the CUPA by 12-1-16.

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 11-01-2016
Citation: HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.
Violation Notes: Returned to compliance on 12/08/2016. OBSERVATION: Owner/Operator did not maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. Approximately 10 gallons of liquid was found in the 87-2 fill sump, approximately five gallons of liquid was found in the 91 fill sump, and approximately one gallon was found in the 87-1 turbine sump. CORRECTIVE ACTION: Maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. Submit a statement to the CUPA on how this violation was corrected.

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 11-01-2016
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained.
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: The designated operator failed to document all the alarms from the attached alarm history on the designated operator monthly inspection report(s) and failed to check that they were responded to appropriately. The missing alarms include: Q2 91 shut down alarm on 11-16-15, L3 91 fill sump fuel alarm on 11-16-15 and the Q1 87-1 shut down alarm on 10-18-16. During the monthly inspection, the designated operator shall review the alarm history for the previous month, check that each alarm was

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

	documented and responded to appropriately, and attach a copy of the alarm history with documentation taken in response to any alarms to the monthly report. CORRECTIVE ACTION: Ensure that designated operators performing monthly inspections at this facility are including all of the required information on the reports.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	35250
Site Name:	Johnnys Shell
Violation Date:	11-01-2016
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have a UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 12/08/2016. OBSERVATION: The monitoring plan on site and in CERS are not current and not approved by the CUPA. The monitoring plan on site and in CERS does not have secondary containment testing marked. The monitoring plan in CERS has mechanical and electronic line leak detectors marked. The monitoring and response plans must be current and approved by the CUPA. CORRECTIVE ACTION: Update the required information in CERS and submit for review by the CUPA.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	35250
Site Name:	Johnnys Shell
Violation Date:	11-01-2016
Citation:	23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(e)
Violation Description:	Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes:	Returned to compliance on 12/13/2016. OBSERVATION: The list of DO trained employees for 12 months is incomplete. The employee Sau Alataua was working alone at the station and DO employee trained documentation does not list her last name nor the date she was hired. Sau stated that she has only been working here for about seven months. CORRECTIVE ACTION: Maintain complete records of trained employees for 12 months. Be sure to include the hire date of employees hired after July 1, 2005.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	35250
Site Name:	Johnnys Shell
Violation Date:	11-26-2019
Citation:	23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description:	Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes:	Returned to compliance on 12/30/2019. Stand alone sensor for dispenser 5/6 failed. Replace sensor and retest within the comply by date. Submit results to the inspector.

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 08-09-2021
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description: Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes: OBSERVATION: DO notification form does not include the current DO (Erik Hinojosa). REQUIRED ACTION: Please submit an updated DO notification form to the portal by the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 08-09-2021
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Not reported
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 11-04-2014
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.
Violation Notes: Returned to compliance on 11/14/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 11-04-2015
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

secondary containment in good condition and/or free of debris/liquid.
Violation Notes: Returned to compliance on 05/23/2016. 87 sump has groundwater intrusion and has slow leak of water into it.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 11-26-2019
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes: Returned to compliance on 12/30/2019. DO reports from October 2018-October 2019 were not signed by the owner/operator. Sign DO reports and submit copies to the inspector within the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 11-04-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 05/23/2016. Facility has aboveground Hydrogen gas tanks on-site however has failed to report them on the inventory. Please add the quantity of H2 storage onsite as well as note the location on facility hazmat maps. Update HMBP within 30 days. Inspector will also need to complete inspection of tanks during routine inspections.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 11-01-2017
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 11/03/2017. 91 PLLD failed to detect 3.0 GPH leak test. Functional element was replaced by Eco Chek. Re-test will occur by the end of the week on Friday 11/3/17.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 35250
Site Name: Johnnys Shell
Violation Date: 11-01-2016
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description: Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes: Returned to compliance on 12/08/2016. OBSERVATION: Approximately 10 gallons of liquid was found in the 87-2 fill sump and the sump sensor appeared dry and was hanging from the electrical conduit near the top of the sump. It would appear that the Owner/Operator has tampered with and disabled the leak detection equipment in a manner that would prevent the monitoring system from detecting and alerting the owner/operator of a leak at the earliest opportunity. CORRECTIVE ACTION: Owner/Operator shall not disable or tamper with monitoring equipment. Immediately position the sensor to detect a leak at the earliest opportunity. Submit a statement of how this violation was corrected to the CUPA by 12-1-16.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-05-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: documentation follow up on UST removal and new install/
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: UST forms approved
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-18-2020
Violations Found: No

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	current cupa permits requested and sent over as well as discussion over extension of pemrit for removal.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-09-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	permit documents sent
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-09-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for annual monitoring certification at 9:30. Modified inspection procedures. Met with Edgar Pulusian. Report updated 8/16/21. Observed tested: 7 annular, low, high (303) Split tank annular, low, high (303) Fill, diesel Diesel sump annular 91 fill sump 91 fill annular space 87 fill sump 87 fill annular (304) 87 stp annular 91 stp annular Diesel stp annular Dispensers annular 3/4 1/2 5/6 7/8 9/10 Positive shut off Stp 87 Stp91 Stp diesel Power out Sensor out Vent box Sump Annular Vacuum alarm S6 diesel S5 91 S4 91 High liquid S6 diesel S5 91 S4 91 LLD: electronic 87, Q1 91, Q2 Diesel, Q3 Panel: lights and alarm ok. Overfill alarm on site light and audio alarm functional upon button testing. Observations: Contractor ICC: ok Sumps and spill containers: no issues observed Sump Boot: no issues observed Set-up: provided Alarm History Flags: no work orders 2020. Alarm log observed on site [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-12-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-19-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	cers reporting question new tanks
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Eval Date: 08-20-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: cers documents and consult re: new tanks.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: UST forms updated for new tanks.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-21-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: records review from monitor cert and communicating with facility rep.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine inspection and witness the annual monitoring system certification testing.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-12-2019
Violations Found: No

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	APPROVED
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-23-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Approval
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-27-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct the final monitoring certification for new UST tank System at Johnny's Shell 248 S Airport Blvd. New VPH system receieved fuel after final ELD test and today tested all of the monitoring equipment to ensure leak detection equipment and monitoring equipment is functional and programmed for operations. Following Liquid sensor setup with TCC, tested Tank annular hydrostatic sensors, sump annular sensors, and STP turbine sensors for Diesel/Premium Tank and Unleaded Tank. Tested all of the full sumps. **L13 fuel alarm was not functioning properly- L13 goes into alarm however sensor goes into "sensor out mode" and needs to be replaced and re-tested. (This sensor has been replaced and re-tested as of 8/28/20 noted in this modified inspection report.) All UDC annular sensors were tested, including communication hydrostatic, and positive shutdown. Vent boxes tested as well Smart sensor testing took place at all components to ensure positive shutdown on [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-28-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-14-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Eval Date:	09-28-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	amc report review submitted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-09-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	new facility tank pages for USTs in CERSnew tank forms submitted along with annual HMBP.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-27-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-01-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-04-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-23-2015
Violations Found:	No

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Eval Type: Other, not routine, done by local agency
Eval Notes: ust report reviewed and efiled.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-30-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: UST pages updated in portal.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: All single wall tanks must be removed by 2025. email: russhampton@yahoo.com

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: AMC report review and efiled.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-21-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Amc and SB 989 results reviewed and scanned.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-01-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: eSite replacement permit
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-26-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: site history for coverage inspector
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Eval General Type: Other/Unknown
Eval Date: 12-12-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: New Tank pages
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-28-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-06-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: updated tank forms and violations closed out
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-01-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-2017
Violations Found: No

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Some PLLD alarms are happening at night however it was determined that these are related to ISD systems. They always occur at 12AM, Nik changed test ime to 11:22 so we can verify this testing delay is causing the alarm. No follow up needed on this issue.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-12-2018
Violations Found: No

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Eval Type: Other, not routine, done by local agency
Eval Notes: AMC processed, overfill protection, and spill bucket records reviewed and approved.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 35250
Site Name: Johnnys Shell
Site Address: 248 S AIRPORT BLVD
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 11-04-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Operator
Entity Name: HAMPTONS SERVICE INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 342-5537,

Affiliation Type Desc: UST Tank Operator
Entity Name: HAMPTONS SERVICE INC.
Entity Title: Not reported
Affiliation Address: 248 S. AIRPORT BLVD
Affiliation City: S SAN FRANCISCO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 348-2324,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Identification Signer
Entity Name: Russell Hampton
Entity Title: Owner
Affiliation Address: Not reported

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: HAMPTONS SERVICE INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Stantec Consulting Services Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Russell Hampton
Entity Title: Not reported
Affiliation Address: 248 S AIRPORT BLVD
Affiliation City: S SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 248 S AIRPORT BLVD
Affiliation City: S SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: HAMPTONS SERVICE INC
Entity Title: Not reported
Affiliation Address: 248 S AIRPORT BLVD
Affiliation City: S SAN FRANCISCO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 583-2324,

Affiliation Type Desc: UST Tank Owner

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Entity Name: HAMPTONS SERVICE INC.
Entity Title: Not reported
Affiliation Address: 248 S. AIRPORT BLVD
Affiliation City: S SAN FRANCISCO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 348-2324,

Affiliation Type Desc: Legal Owner
Entity Name: HAMPTONS SERVICE INC
Entity Title: Not reported
Affiliation Address: 248 S AIRPORT BLVD
Affiliation City: S SAN FRANCISCO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 583-2324,

Affiliation Type Desc: UST Property Owner Name
Entity Name: HAMPTONS SERVICE INC.
Entity Title: Not reported
Affiliation Address: 248 S. AIRPORT BLVD
Affiliation City: S SAN FRANCISCO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 348-2324,

HWTS:
Name: FIRSTELEMENT FUEL INC
Address: 248 S AIRPORT BLVD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAL000406178
Inactive Date: Not reported
Create Date: 04/17/2015
Last Act Date: 07/02/2020
Mailing Name: TYLER FURUYA
Mailing Address: 5281 CALIFORNIA AVE STE 260
Mailing Address 2: Not reported
Mailing City,State,Zip: IRVINE, CA 92617
Owner Name: FIRSTELEMENT FUEL INC
Owner Address: 5281 CALIFORNIA AVE STE 260
Owner Address 2: Not reported
Owner City,State,Zip: IRVINE, CA 92617
Contact Name: GHASSAN SLEIMAN
Contact Address: 5281 CALIFORNIA AVE STE 260
Contact Address 2: Not reported
City,State,Zip: IRVINE, CA 92617

NAICS:
EPA ID: CAL000406178
Create Date: 2015-04-17 15:13:38.987
NAICS Code: 454319
NAICS Description: Other Fuel Dealers

HAMPTON'S SERVICE, INC. (Continued) **U001594785**

Issued EPA ID Date:	2015-04-17 15:13:38.98700
Inactive Date:	Not reported
Facility Name:	FIRSTELEMENT FUEL INC
Facility Address:	248 S AIRPORT BLVD
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

N198 **HAMPTONS SERVICE INC** **SWEEPS UST** **S101623120**
NNE **248 S AIRPORT BLVD** **HIST UST** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **CA FID UST**
0.141 mi. **San Mateo Co. BI**
743 ft. **Site 9 of 14 in cluster N**

Relative: **Lower**
Actual: **19 ft.**

SWEEPS UST:

Name:	HAMPTONS SERVICE INC
Address:	248 S AIRPORT BLVD
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550100
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	10-13-88
Owner Tank Id:	1
SWRCB Tank Id:	41-000-550100-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	4

Name:	HAMPTONS SERVICE INC
Address:	248 S AIRPORT BLVD
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550100
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	10-13-88
Owner Tank Id:	2
SWRCB Tank Id:	41-000-550100-000002
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

HAMPTONS SERVICE INC (Continued) **S101623120**

Name: HAMPTONS SERVICE INC
Address: 248 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Active
Comp Number: 550100
Number: 2
Board Of Equalization: Not reported
Referral Date: 04-20-94
Action Date: 04-20-94
Created Date: 10-13-88
Owner Tank Id: 3
SWRCB Tank Id: 41-000-550100-000003
Tank Status: A
Capacity: 10000
Active Date: 04-20-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: HAMPTONS SERVICE INC
Address: 248 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Active
Comp Number: 550100
Number: 2
Board Of Equalization: Not reported
Referral Date: 04-20-94
Action Date: 04-20-94
Created Date: 10-13-88
Owner Tank Id: 4
SWRCB Tank Id: 41-000-550100-000004
Tank Status: A
Capacity: 10000
Active Date: 04-20-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:
Name: HAMPTONS SERVICE INC
Address: 248 SO AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BF0E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BF0E.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

HAMPTONS SERVICE INC (Continued) **S101623120**

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 41004922
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4156921408
Mail To: Not reported
Mailing Address: P.O. BOX 5500
Mailing Address 2: Not reported
Mailing City,St,Zip: SO. SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

San Mateo Co. BI:
Name: FIRSTELEMENT FUEL
Address: 248 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0059082
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0081806
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: FIRSTELEMENT FUEL
Address: 248 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0059082
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0081808
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

N199 **IMELAD HAMPTON** **HIST UST** **U001594789**
NNE **248 S AIRPORT BLVD** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.141 mi.
743 ft. **Site 10 of 14 in cluster N**

Relative: **Lower**

Actual: **19 ft.**

HIST UST:

Name:	IMELAD HAMPTON
Address:	248 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C2C2
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C2C2.pdf
Region:	STATE
Facility ID:	00000020097
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	IMELDA HAMPTON
Telephone:	4155832324
Owner Name:	SHELL OIL COMPANY
Owner Address:	P.O. BOX 4848
Owner City,St,Zip:	ANHEIM, CA 92803
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10
Tank Num:	002
Container Num:	2
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10
Tank Num:	003
Container Num:	3
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10
Tank Num:	004
Container Num:	4
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10

IMELAD HAMPTON (Continued) **U001594789**

Click here for Geo Tracker PDF:

N200 **JOHNNYS SHELL** **UST** **U004348046**
NNE **248 S AIRPORT BLVD** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.141 mi.
743 ft. **Site 11 of 14 in cluster N**

Relative: UST:
Lower
Name: JOHNNYS SHELL
Actual: Address: 248 S AIRPORT BLVD
19 ft. City,State,Zip: S SAN FRANCISCO, CA 94080
Facility ID: 41-000-017759
Permitting Agency: San Mateo County Environmental Health
CERSID: 10066201
Latitude: 37.647957
Longitude: -122.405968

N201 **SHELL SERVICE STATION** **RCRA-SQG** **1005415647**
NNE **248 S AIRPORT BLVD** **HAZNET** **CAR000114066**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **HWTS**
0.141 mi.
743 ft. **Site 12 of 14 in cluster N**

Relative: RCRA-SQG:
Lower
Date Form Received by Agency: 20020319
Actual: Handler Name: SHELL SERVICE STATION
19 ft. Handler Address: 248 S AIRPORT BLVD
Handler City,State,Zip: S SAN FRANCISCO, CA 94080
EPA ID: CAR000114066
Contact Name: SONDRA BIENVENU
Contact Address: P O BOX 2648
Contact City,State,Zip: HOUSTON, TX 77252-2648
Contact Telephone: 713-241-5036
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: P O BOX 2648
Mailing City,State,Zip: HOUSTON, TX 77252-2648
Owner Name: EQUILON ENTERP DBA SHELL OIL
Owner Type: Private
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

SHELL SERVICE STATION (Continued) **1005415647**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

SHELL SERVICE STATION (Continued) **1005415647**

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EQUILON ENTERP DBA SHELL OIL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 2648
Owner/Operator City,State,Zip: HOUSTON, TX 77252-2648
Owner/Operator Telephone: 713-241-5036
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20020319
Handler Name: SHELL SERVICE STATION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HAZNET:
Name: SHELL SERVICE STATION
Address: 248 S AIRPORT BLVD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact: Adam Estes
Telephone: 3172917007
Mailing Name: Not reported
Mailing Address: PO BOX 3127

Year: 2013
Gepaid: CAR000114066
TSD EPA ID: CAD059494310
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

SHELL SERVICE STATION (Continued) **1005415647**

Tons:	0.987
Year:	2012
Gepaid:	CAR000114066
TSD EPA ID:	UTD981552177
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.02
Year:	2012
Gepaid:	CAR000114066
TSD EPA ID:	CAD059494310
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.042
Year:	2011
Gepaid:	CAR000114066
TSD EPA ID:	CAD059494310
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.231
Year:	2010
Gepaid:	CAR000114066
TSD EPA ID:	CAD059494310
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.126
Year:	2009
Gepaid:	CAR000114066
TSD EPA ID:	CAD008302903
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.04
Year:	2007
Gepaid:	CAR000114066
TSD EPA ID:	WAD991281767
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H111 - Stabilization Or Chemical Fixation Prior To Disposal At Another Site
Tons:	0.15
Year:	2006
Gepaid:	CAR000114066
TSD EPA ID:	WAD991281767
CA Waste Code:	-
Disposal Method:	H111 - Stabilization Or Chemical Fixation Prior To Disposal At Another

SHELL SERVICE STATION (Continued) **1005415647**

	Site
Tons:	0.2085
Year:	2006
Gepaid:	CAR000114066
TSD EPA ID:	WAD991281767
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.025
Year:	2004
Gepaid:	CAR000114066
TSD EPA ID:	WAD991281767
CA Waste Code:	352 - Other organic solids
Disposal Method:	R01 - Recycler
Tons:	0.0225

Click this hyperlink while viewing on your computer to access
3 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2013
Gen EPA ID:	CAR000114066
Shipment Date:	20130430
Creation Date:	8/12/2013 22:15:07
Receipt Date:	20130510
Manifest ID:	007011466JJK
Trans EPA ID:	CAR000148338
Trans Name:	AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.525
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130212
Creation Date:	4/30/2013 22:15:27
Receipt Date:	20130220
Manifest ID:	007011431JJK
Trans EPA ID:	CAR000148338
Trans Name:	AMERICAN INTEGRATED SERVICES INC

SHELL SERVICE STATION (Continued) **1005415647**

Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAR000114066
Shipment Date:	20061005
Creation Date:	6/25/2008 18:30:07
Receipt Date:	20061019
Manifest ID:	000929733JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D002
Meth Code:	H111 - Stabilization Or Chemical Fixation Prior To Disposal At Another Site
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060912
Creation Date:	5/6/2008 18:30:17
Receipt Date:	20060925
Manifest ID:	000929917JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TWX000025072
Trans 2 Name:	ROCKETLINE
TSDF EPA ID:	WAD991281767

SHELL SERVICE STATION (Continued) **1005415647**

Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAR000114066
Shipment Date:	20040803
Creation Date:	1/4/2005 18:33:27
Receipt Date:	20040818
Manifest ID:	23415678
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NA
Meth Code:	R01 - Recycler
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040723
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040726
Manifest ID:	23422981
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009466392
Trans Name:	ECOLOGY CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more

SHELL SERVICE STATION (Continued) **1005415647**

RCRA Code: NONE
Meth Code: R01 - Recycler
Quantity Tons: 1.5
Waste Quantity: 3000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAR000114066

Shipment Date: 20030528
Creation Date: 6/23/2004 10:00:42
Receipt Date: 20030530
Manifest ID: 22697777
Trans EPA ID: CAR000052803
Trans Name: Not reported
Trans 2 EPA ID: UTD981552425
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAR000114066

Shipment Date: 20020806
Creation Date: 1/31/2003 15:02:08
Receipt Date: 20020815
Manifest ID: 21992114
Trans EPA ID: CAR000006098
Trans Name: Not reported
Trans 2 EPA ID: CAD982524480
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids

SHELL SERVICE STATION (Continued) **1005415647**

RCRA Code: D018
Meth Code: H01 - Transfer Station
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAR000114066

Shipment Date: 20120711
Creation Date: 10/23/2012 22:15:09
Receipt Date: 20120723
Manifest ID: 008875870JJK
Trans EPA ID: CAR000148338
Trans Name: AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVC
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.042
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120110
Creation Date: 12/3/2012 22:15:48
Receipt Date: 20120125
Manifest ID: 008875751JJK
Trans EPA ID: CAR000148338
Trans Name: AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC SERVICE
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D018
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.02
Waste Quantity: 40

SHELL SERVICE STATION (Continued) **1005415647**

Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000114066
Shipment Date:	20110718
Creation Date:	7/19/2012 22:00:08
Receipt Date:	20110725
Manifest ID:	007011187JJK
Trans EPA ID:	CAR000148338
Trans Name:	AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110608
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110614
Manifest ID:	007017367JJK
Trans EPA ID:	CAR000148338
Trans Name:	AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported

SHELL SERVICE STATION (Continued) **1005415647**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110510
Creation Date: 7/14/2011 18:30:27
Receipt Date: 20110516
Manifest ID: 007011162JJK
Trans EPA ID: CAR000148338
Trans Name: AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.021
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAR000114066

Shipment Date: 20101109
Creation Date: 2/8/2011 18:30:17
Receipt Date: 20101117
Manifest ID: 007016812JJK
Trans EPA ID: CAR000148338
Trans Name: AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

SHELL SERVICE STATION (Continued) **1005415647**

Additional Info:

Year:	2009
Gen EPA ID:	CAR000114066
Shipment Date:	20090113
Creation Date:	3/9/2009 18:30:38
Receipt Date:	20090115
Manifest ID:	004030179JJK
Trans EPA ID:	CAR000148338
Trans Name:	AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAR000114066
Shipment Date:	20070501
Creation Date:	8/20/2008 18:30:17
Receipt Date:	20070509
Manifest ID:	001951229JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H111 - Stabilization Or Chemical Fixation Prior To Disposal At Another Site
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

SHELL SERVICE STATION (Continued) **1005415647**

Additional Code 5: Not reported

HWTS:

Name:	SHELL SERVICE STATION
Address:	248 S AIRPORT BLVD
Address 2:	S A P 136130
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAR000114066
Inactive Date:	06/30/2018
Create Date:	03/04/2003
Last Act Date:	01/17/2019
Mailing Name:	Not reported
Mailing Address:	285 DELAWARE AVE STE 500
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BUFFALO, NY 14202
Owner Name:	EQUILON ENTERPRISE LLC DBA SHELL
Owner Address:	20945 S. WILMINGTON AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	CARSON, CA 908100000
Contact Name:	TESSA BEMIS
Contact Address:	285 DELAWARE AVE STE 500
Contact Address 2:	Not reported
City,State,Zip:	BUFFALO, NY 14202

NAICS:

EPA ID:	CAR000114066
Create Date:	2003-10-23 13:13:52.000
NAICS Code:	44711
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	2003-03-04 14:25:35.18700
Inactive Date:	2018-06-30 00:00:00
Facility Name:	SHELL SERVICE STATION
Facility Address:	248 S AIRPORT BLVD
Facility Address 2:	S A P 136130
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

N202 **JOHNNY'S SHELL** **UST** **U004356425**
NNE **248 S AIRPORT BLVD** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.141 mi.
743 ft. **Site 13 of 14 in cluster N**

Relative:
Lower

Actual:
19 ft.

UST:

Name:	JOHNNY'S SHELL
Address:	248 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	Not reported
Permitting Agency:	San Mateo County Environmental Health
CERSID:	Not reported
Latitude:	37.647957
Longitude:	-122.405968

N203 **FIRSTELEMENT FUEL** **CERS HAZ WASTE** **S121765819**
NNE **248 S AIRPORT BLVD** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.141 mi.
743 ft. **Site 14 of 14 in cluster N**

Relative:
Lower

Actual:
19 ft.

CERS HAZ WASTE:

Name:	FIRSTELEMENT FUEL
Address:	248 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	357827
CERS ID:	10643236
CERS Description:	Hazardous Waste Generator

CERS:

Name:	FIRSTELEMENT FUEL
Address:	248 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	357827
CERS ID:	10643236
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	04-03-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-18-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	01-22-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-27-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

FIRSTELEMENT FUEL (Continued) **S121765819**

Eval General Type:	Other/Unknown
Eval Date:	11-16-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Hmbp approval
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	12-31-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	02-11-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	rejected due to incorrect map
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-27-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	11-10-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Cers approval and permits issued for HMBP and hazwaste/
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	01-22-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	03-20-2017
Violations Found:	No

FIRSTELEMENT FUEL (Continued) **S121765819**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	approved hmbp via cers
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-18-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-07-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Coordinates:

Site ID:	357827
Facility Name:	FirstElement Fuel
Env Int Type Code:	HWG
Program ID:	10643236
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.647950
Longitude:	-122.405940

Affiliation:

Affiliation Type Desc:	Property Owner
Entity Name:	Russ Hampton
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 619-3753,
Affiliation Type Desc:	Identification Signer
Entity Name:	Tim Brown
Entity Title:	COO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District

FIRSTELEMENT FUEL (Continued) **S121765819**

Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Document Preparer
Entity Name:	Tyler Furuya
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Ghassan Sleiman
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(844) 876-9376,
Affiliation Type Desc:	Parent Corporation
Entity Name:	FirstElement Fuel
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Ghassan Sleiman
Entity Title:	Not reported
Affiliation Address:	5281 California Ave Ste 260
Affiliation City:	Irvine
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92617
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5281 California Ave Ste 260
Affiliation City:	Irvine
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92617

FIRSTELEMENT FUEL (Continued) **S121765819**

Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Joel Ewanick
Entity Title: Not reported
Affiliation Address: 5281 California Ave Ste 260
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92617
Affiliation Phone: (949) 205-5553,

Q204 **DIADOTI CONSTRUCTION** **LUST** **S102428792**
NNW **1461 SAN MATEO** **Cortese** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.141 mi. **CERS**
743 ft. **Site 4 of 4 in cluster Q**

Relative:
Higher

Actual:
26 ft.

SAN MATEO CO. LUST:
Name: DIADOTI CONSTRUCTION
Address: 1461 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550139
Facility Status: 9- Case Closed
Global ID: T0608100828
APN Number: 015115530
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: DIADOTI CONSTRUCTION
Address: 1461 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100828
Global Id: T0608100828
Latitude: 37.648539
Longitude: -122.409735
Status: Completed - Case Closed
Status Date: 11/10/1998
Case Worker: JM
RB Case Number: 41-0891
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550139
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100828
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400

DIADOTI CONSTRUCTION (Continued) **S102428792**

City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100828
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100828
Action Type: ENFORCEMENT
Date: 09/28/1994
Action: Notice of Responsibility - #1

Global Id: T0608100828
Action Type: Other
Date: 08/13/1986
Action: Leak Reported

LUST:
Global Id: T0608100828
Status: Open - Case Begin Date
Status Date: 08/13/1986

Global Id: T0608100828
Status: Completed - Case Closed
Status Date: 11/10/1998

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550139
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: DIADOTI CONSTRUCTION
Address: 1461 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

DIADOTI CONSTRUCTION (Continued) **S102428792**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100828
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	DIADOTI CONSTRUCTION
edr_fadd1:	1461 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0891

CERS:

Name:	DIADOTI CONSTRUCTION
Address:	1461 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	235508
CERS ID:	T0608100828
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported

DIADOTI CONSTRUCTION (Continued) **S102428792**

Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

O205 **L & D EQUIPMENT INC** **RCRA NonGen / NLR** **1024797788**
SW **220 S LINDEN AVE** **CAL000191395**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.145 mi.
763 ft. **Site 5 of 7 in cluster O**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20000523
Handler Name:	L & D EQUIPMENT INC	
Handler Address:		220 S LINDEN AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
EPA ID:		CAL000191395
Contact Name:		DAVID LAI/PRES
Contact Address:		220 S LINDEN AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
Contact Telephone:		650-588-8800
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		220 S LINDEN AVE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:		L & D EQUIPMENT INC
Owner Type:		Other
Operator Name:		DAVID LAI/PRES
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported

L & D EQUIPMENT INC (Continued) **1024797788**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	L & D EQUIPMENT INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	220 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID LAI/PRES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	220 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000

L & D EQUIPMENT INC (Continued) **1024797788**

Owner/Operator Telephone: 650-588-8800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20000523
Handler Name: L & D EQUIPMENT INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O206 **OUTPUT ENABLERS LLC DBA CALCHEMIST** **RCRA NonGen / NLR** **1024864519**
SW **220 S LINDEN AVE STE L** **CAL000433081**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.145 mi.
763 ft. **Site 6 of 7 in cluster O**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20180108
Handler Name: OUTPUT ENABLERS LLC DBA CALCHEMIST
Handler Address: 220 S LINDEN AVE STE L
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAL000433081
Contact Name: MARC SCHRIER
Contact Address: PO BOX 1654
Contact City,State,Zip: EL GRANADA, CA 94018
Contact Telephone: 650-766-2821
Contact Fax: Not reported
Contact Email: SCHRIER@CALCHEMIST.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities

OUTPUT ENABLERS LLC DBA CALCHEMIST (Continued) **1024864519**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	220 S LINDEN AVE STE L
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	MARC SCHRIER
Owner Type:	Other
Operator Name:	MARC SCHRIER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No

OUTPUT ENABLERS LLC DBA CALCHEMIST (Continued) **1024864519**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARC SCHRIER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1654
Owner/Operator City,State,Zip:	EL GRANADA, CA 94018
Owner/Operator Telephone:	650-766-2821
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARC SCHRIER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1654
Owner/Operator City,State,Zip:	EL GRANADA, CA 94018
Owner/Operator Telephone:	650-766-2821
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180108
Handler Name:	OUTPUT ENABLERS LLC DBA CALCHEMIST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541715
NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY

Facility Has Received Notices of Violations:

Violations:	No Violations Found

OUTPUT ENABLERS LLC DBA CALCHEMIST (Continued) **1024864519**

Evaluation Action Summary:
Evaluations: No Evaluations Found

O207 **INTERNATIONAL PAINT CO (CALIF) INC** **SEMS-ARCHIVE** **1000217022**
SW **220 S LINDEN AVE** **CORRACTS** **CAD009114240**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **RCRA-SQG**
0.145 mi. **ENVIROSTOR**
763 ft. **Site 7 of 7 in cluster O** **CPS-SLIC**
FINDS
Relative: **ECHO**
Lower **San Mateo Co. BI**
HIST CORTESE
Actual: **HWP**
20 ft. **CERS**

SEMS Archive:

Site ID:	0903309
EPA ID:	CAD009114240
Name:	INTERNATIONAL PAINT CO (CALIF) INC
Address:	220 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Cong District:	11
FIPS Code:	06081
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0903309
EPA ID:	CAD009114240
Site Name:	INTERNATIONAL PAINT CO (CALIF) INC
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0903309
EPA ID:	CAD009114240
Site Name:	INTERNATIONAL PAINT CO (CALIF) INC
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1989-07-28 04:00:00
Finish Date:	1989-07-28 04:00:00
Qual:	Not reported

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0903309
EPA ID: CAD009114240
Site Name: INTERNATIONAL PAINT CO (CALIF) INC
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1990-06-27 04:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 09
Site ID: 0903309
EPA ID: CAD009114240
Site Name: INTERNATIONAL PAINT CO (CALIF) INC
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1991-02-21 05:00:00
Qual: D
Current Action Lead: EPA Perf

CORRACTS:

Name: INTERNATIONAL PAINT CO (CALIF) INC
Address: 220 S LINDEN AVE
Address 2: Not reported
EPA ID: CAD009114240
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date: 19900627
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: INTERNATIONAL PAINT CO (CALIF) INC
Address: 220 S LINDEN AVE
Address 2: Not reported
EPA ID: CAD009114240
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date: 19920330
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

RCRA-SQG:

Date Form Received by Agency:	19960901
Handler Name:	INTERNATIONAL PAINT CO (CALIF) INC
Handler Address:	220 S LINDEN AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD009114240
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	220 S LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	INTERNATIONAL PAINT CO (CALIF) INC,
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Low
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020917
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INTERNATIONAL PAINT CO (CALIF) INC,
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	220 SOUTH LINDEN AVENUE
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	415-588-8663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL PAINT CO (CALIF) INC,
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	220 SOUTH LINDEN AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-588-8663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name:	INTERNATIONAL PAINT CO (CALIF) INC

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800814
Handler Name: INTERNATIONAL PAINT CO (CALIF) INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32551
NAICS Description: PAINT AND COATING MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Transporters - General
Date Violation was Determined: 19880921
Actual Return to Compliance Date: 19930921
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19880921
Actual Return to Compliance Date: 19930921
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19880921
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930921

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880921
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930921
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	L & D EQUIPMENT CO INC DBA LAUNDRY & DRY CLEANING EQUIPMENT CO
Address:	220 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806411
Facility ID:	80001592
Status:	Refer: RWQCB
Status Date:	05/10/2011
Site Code:	551110
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	2.29
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 2 - San Francisco Bay
Lead Agency:	RWQCB 2 - San Francisco Bay
Program Manager:	Not reported
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.64127
Longitude:	-122.4124
APN:	014-242-010, 014242010
Past Use:	PAINT MANUFACTURING
Potential COC:	Trichloroethylene (TCE Ethylbenzene Toluene Xylenes
Confirmed COC:	Ethylbenzene Toluene Xylenes Trichloroethylene (TCE
Potential Description:	OTH, SOIL
Alias Name:	Courtaulds Coating
Alias Type:	Alternate Name
Alias Name:	International Paint
Alias Type:	Alternate Name
Alias Name:	014-242-010
Alias Type:	APN
Alias Name:	014242010

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

Alias Type:	APN
Alias Name:	CAD009114240
Alias Type:	EPA Identification Number
Alias Name:	38280291
Alias Type:	Former Project ID
Alias Name:	SLT2O324940
Alias Type:	GeoTracker Global ID
Alias Name:	551110
Alias Type:	Project Code (Site Code)
Alias Name:	80001592
Alias Type:	Envirostor ID Number
Alias Name:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SLT2O324940
Alias Type:	External Website Link / URL

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	02/21/1991
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	06/27/1990
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	03/04/1993
Comments:	EPA's RCRA Facility Assessment (RFA) concluded no further action under CERCLA only because it was being evaluated under the EPA (Superfund/RCRA) Program.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	11/22/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	RCRA Facility Assessment Report
Completed Date:	05/10/1991
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	RCRA Facility Assessment Report
Completed Date:	02/02/1991
Comments:	This RFA was uploaded by the FAST team on 11/16/2009. This activity was created to facilitate uploading the RFA. The original RFA was prepared in FEb 1991. Rizgar Ghazi
Future Area Name:	Not reported
Future Sub Area Name:	Not reported

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SLIC REG 2:
Region: 2
Facility ID: 41S0030
Facility Status: Pollution Characterization
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: 4/8/1991
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility ID: 41S0030
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:
Name: INTERNATIONAL PAINT COURTALD COATINGS
Address: 220 SOUTH LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94081
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 04/11/2017
Global Id: T0608191588
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.6413528638464
Longitude: -122.412581886261
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: SAN MATEO COUNTY LOP

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

RB Case Number: 41S0030
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Solvents
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

FINDS:
Registry ID: 110002635006

Click Here:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000217022
Registry ID: 110002635006
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002635006
Name: INTERNATIONAL PAINT CO (CALIF) INC
Address: 220 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

San Mateo Co. BI:
Name: AIRGAS USA, LLC
Address: 220 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: FA0045102
Prog Element Code: STORES HAZ MAT <6999 GAL, 55999 LB, 2799FT^3
Record Id: PR0057739
Description: STORES HAZ MAT <6999 GAL, 55999 LB, 2799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

HIST CORTESE:
edr_fname: INTERNATIONAL PAINT
edr_fadd1: 220 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

Reg Id: 41-0875

HWP:

EPA ID:	CAD009114240
Name:	L & D DEVELOPMENT INC
Address:	220 S LINDEN AVE
Cleanup Status:	PROTECTIVE FILER
Latitude:	37.64127
Longitude:	-122.4124
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Senate District:	13
Assembly District:	22
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	International Paint Company (IPC) operated as a solvent-based paint manufacturer from 1947-1986. They submitted a Part A on 11/19/1980 and was granted an ISD on 4/6/1981. IPC later requested a reclassification on 1/23/1986 for their facility explaining that their activities classify them as a generator and not a TSDF. Their reclassification was accepted by DTSC on 3/19/1986.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	Not reported
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	81-85%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAD009114240
Facility Type:	Historical - Non-Operating
Facility Name:	L & D DEVELOPMENT INC
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	PROTECTIVE FILER
Activity Type:	Protective Filer Status
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	Not reported
Title Description:	Not reported
Due Date:	Not reported
Comments:	Not reported
Unit Names:	UNit1
Event Description:	Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date:	01/23/1986

EPA ID:	CAD009114240
Facility Type:	Historical - Non-Operating
Facility Name:	L & D DEVELOPMENT INC
Project Manager:	Not reported

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	PROTECTIVE FILER
Activity Type:	Protective Filer Status
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	Not reported
Title Description:	Not reported
Due Date:	Not reported
Comments:	Not reported
Unit Names:	UNit1
Event Description:	Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date:	03/19/1986

CERS:

Name:	L & D DEVELOPMENT INC
Address:	220 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806411
Site ID:	193025
CERS ID:	CAD009114240
CERS Description:	Hazardous Waste

Affiliation:

Affiliation Type Desc:	Facility Contact
Entity Name:	David Lai
Entity Title:	Not reported
Affiliation Address:	220 S LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	6505888800,

Affiliation Type Desc:	Facility Owner
Entity Name:	L & D DEVELOPMENT INC
Entity Title:	Not reported
Affiliation Address:	220 S LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	940806411
Affiliation Phone:	6505888800,

Name:	INTERNATIONAL PAINT COURTALD COATINGS
Address:	220 LINDEN AVE S
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Site ID:	223786
CERS ID:	SLT2O324940
CERS Description:	Cleanup Program Site

Coordinates:

Site ID:	223786
Facility Name:	INTERNATIONAL PAINT COURTALD COATINGS
Env Int Type Code:	CPS
Program ID:	SLT2O324940

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.641983
Longitude: -122.412815

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Name: INTERNATIONAL PAINT COURTALD COATINGS
Address: 220 LINDEN AVE S
City,State,Zip: SOUTH SAN FRANCISCO, CA
Site ID: 223786
CERS ID: T0608191588
CERS Description: Cleanup Program Site

Coordinates:
Site ID: 223786
Facility Name: INTERNATIONAL PAINT COURTALD COATINGS
Env Int Type Code: CPS
Program ID: SLT2O324940
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.641983
Longitude: -122.412815

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP

INTERNATIONAL PAINT CO (CALIF) INC (Continued) **1000217022**

Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

X208 **SUPER CROWN CATERING** **LUST** **S100234195**
NNW **1381 LOWRIE** **SWEEPS UST** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **San Mateo Co. Bl**
0.146 mi. **Cortese**
772 ft. **Site 4 of 10 in cluster X** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
25 ft.

LUST:
Name: SUPER CROWN CATERING
Address: 1381 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100526
Global Id: T0608100526
Latitude: 37.647948988
Longitude: -122.410707
Status: Completed - Case Closed
Status Date: 06/12/2009
Case Worker: REL
RB Case Number: 41-1309
Local Agency: SAN MATEO COUNTY LOP
File Location: Regional Board
Local Case Number: 550073
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100526
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100526
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100526

SUPER CROWN CATERING (Continued) **S100234195**

Action Type: Other
Date: 09/05/1990
Action: Leak Discovery

Global Id: T0608100526
Action Type: RESPONSE
Date: 05/25/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100526
Action Type: RESPONSE
Date: 04/07/2008
Action: Well Installation Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 02/28/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 12/07/2007
Action: Other Report / Document

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 10/22/2007
Action: 13267 Monitoring Program

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 10/22/2007
Action: 13267 Requirement

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 11/15/2007
Action: 13267 Requirement

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 11/15/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 11/19/2003
Action: Staff Letter - #20031119

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 01/24/2006
Action: Staff Letter - #20060124B

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 01/04/2007

SUPER CROWN CATERING (Continued) **S100234195**

Action: Staff Letter - #20070104

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 03/16/2004
Action: Staff Letter - #20040316

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 05/23/2007
Action: Staff Letter - #20070523

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 08/10/2005
Action: Staff Letter - #20050810B

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 10/16/2002
Action: Staff Letter - #20021016

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 03/03/2005
Action: Staff Letter - #20050303

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 05/05/1997
Action: Notice of Responsibility - #19970505

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 09/27/2006
Action: Notice of Violation - #20060927

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 08/11/2003
Action: Staff Letter - #20030811

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 06/02/2003
Action: Staff Letter - #20030602

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 08/17/2004
Action: Staff Letter - #20040817

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 08/10/2005
Action: Staff Letter - #20050810A

SUPER CROWN CATERING (Continued) **S100234195**

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 01/24/2006
Action: Staff Letter - #20060124A

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 12/14/2006
Action: Staff Letter - #20061214B

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 01/24/2006
Action: Staff Letter - #20060124C

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 12/14/2006
Action: Staff Letter - #20061214A

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 01/17/2003
Action: Staff Letter - #20030117

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 02/19/2008
Action: Staff Letter

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 12/08/2008
Action: 13267 Monitoring Program

Global Id: T0608100526
Action Type: ENFORCEMENT
Date: 06/12/2009
Action: Closure/No Further Action Letter

Global Id: T0608100526
Action Type: Other
Date: 07/23/1990
Action: Leak Reported

Global Id: T0608100526
Action Type: RESPONSE
Date: 03/24/2008
Action: Remedial Progress Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 06/23/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100526
Action Type: REMEDIATION

SUPER CROWN CATERING (Continued) **S100234195**

Date: 06/28/1995
Action: Not reported

Global Id: T0608100526
Action Type: REMEDIATION
Date: 02/29/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608100526
Action Type: RESPONSE
Date: 02/11/2004
Action: Other Report / Document

Global Id: T0608100526
Action Type: RESPONSE
Date: 08/05/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 07/02/2003
Action: Soil and Water Investigation Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 08/11/2003
Action: Soil and Water Investigation Workplan

Global Id: T0608100526
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 03/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 04/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

SUPER CROWN CATERING (Continued) **S100234195**

Global Id: T0608100526
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 06/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 09/27/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100526
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 09/09/9999
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE

SUPER CROWN CATERING (Continued) **S100234195**

Date: 09/09/9999
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 07/06/2004
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 10/26/2004
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 07/06/2005
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 11/30/2005
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100526
Action Type: RESPONSE
Date: 09/10/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100526
Action Type: RESPONSE
Date: 09/09/9999
Action: Remedial Progress Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 04/18/2006
Action: Other Report / Document

Global Id: T0608100526
Action Type: RESPONSE
Date: 04/18/2006
Action: Risk Assessment Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 03/22/2007
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 01/14/2007
Action: Monitoring Report - Quarterly

SUPER CROWN CATERING (Continued) **S100234195**

Global Id: T0608100526
Action Type: RESPONSE
Date: 01/14/2007
Action: Remedial Progress Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 02/14/2007
Action: Remedial Progress Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 03/14/2007
Action: Remedial Progress Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 04/14/2007
Action: Remedial Progress Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 05/14/2007
Action: Remedial Progress Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 12/31/2007
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100526
Action Type: RESPONSE
Date: 05/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100526
Action Type: RESPONSE
Date: 11/17/2003
Action: Soil and Water Investigation Report

Global Id: T0608100526
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0608100526
Status: Open - Case Begin Date
Status Date: 07/23/1990

Global Id: T0608100526
Status: Open - Site Assessment
Status Date: 07/23/1990

Global Id: T0608100526
Status: Open - Remediation
Status Date: 03/16/2004

SUPER CROWN CATERING (Continued) **S100234195**

Global Id: T0608100526
Status: Open - Remediation
Status Date: 01/01/2008

Global Id: T0608100526
Status: Open - Remediation
Status Date: 01/02/2008

Global Id: T0608100526
Status: Open - Remediation
Status Date: 05/26/2008

Global Id: T0608100526
Status: Open - Verification Monitoring
Status Date: 10/23/2008

Global Id: T0608100526
Status: Completed - Case Closed
Status Date: 06/12/2009

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Remediation Plan
Case Number: 550073
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: 3/16/2004
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: CROWN CATERING
Address: 1381 LOWRIE AVE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550008
Number: 9
Board Of Equalization: Not reported
Referral Date: 02-03-94
Action Date: 02-03-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported

SUPER CROWN CATERING (Continued) **S100234195**

Content: Not reported
Number Of Tanks: Not reported

San Mateo Co. BI:
Name: CROWN CATERING
Address: 1381 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0003745
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026098
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

CORTESE:
Name: SUPER CROWN CATERING
Address: 1381 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100526
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: SUPER CROWN CATERING
edr_fadd1: 1381 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0551

CERS:
Name: SUPER CROWN CATERING
Address: 1381 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 216321

SUPER CROWN CATERING (Continued) **S100234195**

CERS ID: T0608100526
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: RALPH LAMBERT - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST. SUITE 1500
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

X209 **CROWN CATERING** **CA FID UST** **S101593779**
NNW **1381 LOWRIE AVE** **N/A**
1/8-1/4 **SO. SAN FRANCISCO, CA 94080**
0.146 mi.
772 ft. **Site 5 of 10 in cluster X**

Relative: **Higher**
Actual: **25 ft.**

CA FID UST:
Facility ID: 41000510
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158731939
Mail To: Not reported
Mailing Address: 1381 LOWRIE AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SO. SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

W210 **PIONEER MOTOR BEARING CO** **RCRA-SQG** **1000312447**
SE **116 BEACON ST** **FINDS** **CAD981367469**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.150 mi. **EMI**
791 ft. **Site 6 of 16 in cluster W** **HAZNET**
CERS
Relative: **HWTS**
Lower

Actual: RCRA-SQG:
17 ft.

Date Form Received by Agency:	19860123
Handler Name:	PIONEER MOTOR BEARING CO
Handler Address:	116 BEACON ST
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD981367469
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	116 BEACON ST
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-871-8144
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	116 BEACON ST
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	WILLIAM P BARDET
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline

PIONEER MOTOR BEARING CO (Continued) **1000312447**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILLIAM P BARDET
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19860123
Handler Name: PIONEER MOTOR BEARING CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333613
NAICS Description: MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002682099

Click Here:

Environmental Interest/Information System:
HAZARDOUS AIR POLLUTANT MAJOR
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000312447
Registry ID: 110002682099
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002682099
Name: PIONEER MOTOR BEARING CO
Address: 116 BEACON ST
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

EMI:
Name: PIONEER MOTOR BEARING CO
Address: 116 BEACON STREET

PIONEER MOTOR BEARING CO (Continued) **1000312447**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	6238
Air District Name:	BA
SIC Code:	3568
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PIONEER MOTOR BEARING CO
Address:	116 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	6238
Air District Name:	BA
SIC Code:	3568
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	PIONEER MOTOR BEARING CO
Address:	116 BEACON ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact:	SUSAN J BARDET
Telephone:	4158718144
Mailing Name:	Not reported
Mailing Address:	1209 HOWARD AVE SUITE 204
Year:	2000
Gepaid:	CAD981367469
TSD EPA ID:	CAT000646117
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.15
Year:	2000
Gepaid:	CAD981367469

PIONEER MOTOR BEARING CO (Continued) **1000312447**

TSD EPA ID: CAD028409019
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H01 - Transfer Station
Tons: 0.035

Year: 2000
Gepaid: CAD981367469
TSD EPA ID: CAD028409019
CA Waste Code: *** - Invalid waste code
Disposal Method: H01 - Transfer Station
Tons: 0.2293

Year: 2000
Gepaid: CAD981367469
TSD EPA ID: CAT000646117
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: T01 - Treatment, Tank
Tons: 0.2125

Year: 2000
Gepaid: CAD981367469
TSD EPA ID: CAD028409019
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 0.144

Year: 2000
Gepaid: CAD981367469
TSD EPA ID: CAT000646117
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: T01 - Treatment, Tank
Tons: 0.46

Year: 1999
Gepaid: CAD981367469
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.475

Year: 1998
Gepaid: CAD981367469
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.418

Year: 1997
Gepaid: CAD981367469
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.513

Year: 1996
Gepaid: CAD981367469
TSD EPA ID: CAD980887418

PIONEER MOTOR BEARING CO (Continued) **1000312447**

CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.095

Click this hyperlink while viewing on your computer to access
24 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1997
Gen EPA ID:	CAD981367469
Shipment Date:	19971030
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971030
Manifest ID:	96718034
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.133
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970731
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970731
Manifest ID:	95337078
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970210
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970210
Manifest ID:	96340263
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981367469
Shipment Date:	19940808
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940810
Manifest ID:	93124155
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080031628
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080031628
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.133
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940712
Creation Date:	3/26/1996 0:00:00

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Receipt Date:	19940712
Manifest ID:	93434952
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.425
Waste Quantity:	850
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940510
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940510
Manifest ID:	93434092
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.65
Waste Quantity:	1300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940331
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	93171071
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080031628
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

PIONEER MOTOR BEARING CO (Continued) **1000312447**

TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	F001
Meth Code:	- Not reported
Quantity Tons:	0.5662
Waste Quantity:	149
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940208
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940208
Manifest ID:	93060353
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD981367469
Shipment Date:	19991022
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991023
Manifest ID:	98643218
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.475

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD981367469
Shipment Date:	20000509
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000518
Manifest ID:	99749045
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000509
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000518
Manifest ID:	99749045
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.46
Waste Quantity:	920
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000509
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000518
Manifest ID:	99749045
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.2125
Waste Quantity:	425
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000424
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99749024
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.23
Waste Quantity:	460
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000424
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99749024
Trans EPA ID:	CAD982468183
Trans Name:	Not reported

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000424
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99749024
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.9625
Waste Quantity:	1925
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000424
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000428
Manifest ID:	99749024
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000424
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000428
Manifest ID:	99749024
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000424
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000428
Manifest ID:	99749024
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Shipment Date:	20000424
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000428
Manifest ID:	99749024
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	*** - Not reported
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD981367469

Shipment Date:	19960117
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960117
Manifest ID:	95644468
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.095
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981367469

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Shipment Date:	19951013
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951013
Manifest ID:	95678282
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950816
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950817
Manifest ID:	95644496
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.456
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950313
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950313
Manifest ID:	95314799
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950105
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950105
Manifest ID:	95162679
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.535
Waste Quantity:	1070
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950105
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950111
Manifest ID:	93124382
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080031628
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080031628
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.152
Waste Quantity:	40
Quantity Unit:	G

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD981367469
Shipment Date:	19931116
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931116
Manifest ID:	93059071
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931116
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931116
Manifest ID:	93059071
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.197
Waste Quantity:	394
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Shipment Date:	19931029
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931103
Manifest ID:	92096673
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080031628
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080031628
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930830
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930830
Manifest ID:	92726606
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.212
Waste Quantity:	424
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930830
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930830
Manifest ID:	92726606
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2295
Waste Quantity:	459
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930730
Creation Date:	9/11/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92096750
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080031628
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	F001
Meth Code:	- Not reported
Quantity Tons:	0.171
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930722
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19930723
Manifest ID:	92462891
Trans EPA ID:	CAT000611483
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000027741
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000027741
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.8428
Waste Quantity:	1
Quantity Unit:	Y

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930712
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930714
Manifest ID:	92096594
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080031628
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080031628
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1482
Waste Quantity:	39
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930429
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930429
Manifest ID:	92724137
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.401
Waste Quantity:	802
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930308
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930310

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Manifest ID:	92096521
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080031628
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080031628
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.532
Waste Quantity:	140
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD981367469
Shipment Date:	19981216
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19981216
Manifest ID:	98266275
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	PIONEER MOTOR BEARING CO
Address:	116 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	487229
CERS ID:	110002682099
CERS Description:	US EPA Air Emission Inventory System (EIS)

PIONEER MOTOR BEARING CO (Continued) **1000312447**

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	ENVIR MGMT
Entity Title:	Not reported
Affiliation Address:	116 BEACON ST
Affiliation City:	SSANFRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	PIONEER MOTOR BEARING CO
Address:	116 BEACON ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAD981367469
Inactive Date:	06/30/2000
Create Date:	04/10/1987
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	1209 HOWARD AVE SUITE 204
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURLINGAME, CA 940106913
Owner Name:	GORDON P BARDET
Owner Address:	116 BEACON ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806913
Contact Name:	SUSAN J BARDET
Contact Address:	INACTIVE PER VQ00 - BMI
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806913

NAICS:

EPA ID:	CAD981367469
Create Date:	2002-03-14 16:36:26.000
NAICS Code:	333613
NAICS Description:	Mechanical Power Transmission Equipment Manufacturing
Issued EPA ID Date:	1987-04-10 00:00:00
Inactive Date:	2000-06-30 00:00:00
Facility Name:	PIONEER MOTOR BEARING CO
Facility Address:	116 BEACON ST
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940800000

W211 **PIONEER MOTOR BEARING CO** **San Mateo Co. BI** **S117397761**
SE **116 BEACON** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.150 mi.
791 ft. **Site 7 of 16 in cluster W**

Relative: **Lower**

Actual: **17 ft.**

San Mateo Co. BI:

Name:	PIONEER MOTOR BEARING CO
Address:	116 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017829
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011552
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PIONEER MOTOR BEARING CO
Address:	116 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017829
Prog Element Code:	COND EXEMPT - SQ TREATMENT
Record Id:	PR0030022
Description:	COND EXEMPT - SQ TREATMENT
Facility Status:	Inactive, non-billable
Program Category:	CONDITIONALLY EXEMPT (CE)

Name:	PIONEER MOTOR BEARING CO
Address:	116 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017829
Prog Element Code:	COND EXEMPT - SQ TREATMENT
Record Id:	PR0030023
Description:	COND EXEMPT - SQ TREATMENT
Facility Status:	Inactive, non-billable
Program Category:	CONDITIONALLY EXEMPT (CE)

Name:	PIONEER MOTOR BEARING CO
Address:	116 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017829
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004233
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

T212 **SHELL OIL CO** **RCRA NonGen / NLR** **1000288610**
North **140 PRODUCE** **HIST CORTESE** **CAD981401623**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.150 mi.
794 ft. **Site 2 of 8 in cluster T**

Relative: **Higher**

Actual: **23 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20181217
Handler Name:	SHELL OIL CO	
Handler Address:		140 PRODUCE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD981401623
Contact Name:		TESSA BEMIS
Contact Address:		285 DELAWARE AVE STE 500
Contact City,State,Zip:		BUFFALO, NY 14202
Contact Telephone:		716-362-8847
Contact Fax:		Not reported
Contact Email:		TESSA.BEMIS@GHD.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		P O BOX 4453
Mailing City,State,Zip:		HOUSTON, TX 77210-4453
Owner Name:		EQUILON ENTERPRISES LLC
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SHELL OIL CO (Continued) **1000288610**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190124
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC
Legal Status:	Private
Date Became Current:	Not reported

SHELL OIL CO (Continued) **1000288610**

Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181217
Handler Name: SHELL OIL CO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	19960901
Handler Name: SHELL OIL CO	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19980408
Handler Name: SHELL OIL CO	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SHELL OIL CO (Continued) **1000288610**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940309
Handler Name: SHELL OIL COMPANY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 4471
NAICS Description: GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HIST CORTESE:
edr_fname: SHELL
edr_fadd1: 140 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0489

T213 **GAS & WASH PARTNERS DBA PRODUCE SHELL** **RCRA NonGen / NLR** **1025868352**
North **140 PRODUCE AVE** **CAL000362683**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.150 mi.
794 ft. **Site 3 of 8 in cluster T**

Relative: RCRA NonGen / NLR:
Higher
Actual: Date Form Received by Agency: 20110412
23 ft. Handler Name: GAS & WASH PARTNERS DBA PRODUCE SHELL
Handler Address: 140 PRODUCE AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-6510
EPA ID: CAL000362683
Contact Name: DEAN TAUTENHAHN
Contact Address: 223 87TH ST
Contact City,State,Zip: DALY CITY, CA 94015
Contact Telephone: 650-992-2900
Contact Fax: 650-992-3319
Contact Email: DEAN@TOUCHLESS.COM
Contact Title: Not reported
EPA Region: 09

GAS & WASH PARTNERS DBA PRODUCE SHELL (Continued) **1025868352**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	223 87TH ST
Mailing City,State,Zip:	DALY CITY, CA 94015
Owner Name:	GAS & WASH PARTNERS
Owner Type:	Other
Operator Name:	DEAN TAUTENHAHN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

GAS & WASH PARTNERS DBA PRODUCE SHELL (Continued) **1025868352**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GAS & WASH PARTNERS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	223 87TH ST
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-992-2900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEAN TAUTENHAHN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	223 87TH ST
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-992-2900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20110412
Handler Name:	GAS & WASH PARTNERS DBA PRODUCE SHELL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44719
NAICS Description:	OTHER GASOLINE STATIONS

GAS & WASH PARTNERS DBA PRODUCE SHELL (Continued) **1025868352**

NAICS Code: 447190
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

T214 **RONS SHELL SERVICE** **HIST UST** **U001594815**
North **140 PRODUCE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.150 mi.
794 ft. **Site 4 of 8 in cluster T**

Relative:
Higher

Actual:
23 ft.

HIST UST:
Name: RONS SHELL SERVICE
Address: 140 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002C2E8
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C2E8.pdf
Region: STATE
Facility ID: 00000059397
Facility Type: Gas Station
Other Type: Not reported
Contact Name: RON MOSINIAK
Telephone: 4158714131
Owner Name: SHELL OIL COMPANY
Owner Address: BOX 5500
Owner City,St,Zip: SAN BRUNO, CA 94066
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000008
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM

RONS SHELL SERVICE (Continued) **U001594815**

Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

T215 **PRODUCE SHELL** **UST** **U004262420**
North **140 PRODUCE AVE** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.150 mi.
794 ft. **Site 5 of 8 in cluster T**

Relative:
Higher

Actual:
23 ft.

UST:
Name: PRODUCE SHELL
Address: 140 PRODUCE AVE
City,State,Zip: S SAN FRANCISCO, CA 94080
Facility ID: 41-000-017734
Permitting Agency: San Mateo County Environmental Health
CERSID: 10066168
Latitude: 37.64793
Longitude: -122.407478

T216 **PRODUCE SHELL** **CERS HAZ WASTE** **S101593771**
North **140 PRODUCE AVE** **SWEEPS UST** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **CERS TANKS**
0.150 mi. **CA FID UST**
794 ft. **Site 6 of 8 in cluster T** **HAZNET**
CERS
Relative: **HWTS**
Higher

Actual:
23 ft.

CERS HAZ WASTE:
Name: PRODUCE SHELL
Address: 140 PRODUCE AVE
City,State,Zip: S SAN FRANCISCO, CA 94080
Site ID: 399954
CERS ID: 10066168
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: PRODUCE SHELL
Address: 140 PRODUCE AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550074
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported

PRODUCE SHELL (Continued) **S101593771**

Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550074-000004
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	1

Name:	PRODUCE SHELL
Address:	140 PRODUCE AVE
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550074
Number:	2
Board Of Equalization:	Not reported
Referral Date:	05-13-94
Action Date:	05-13-94
Created Date:	10-13-88
Owner Tank Id:	74160809-EREG1
SWRCB Tank Id:	41-000-550074-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-26-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	PRODUCE SHELL
Address:	140 PRODUCE AVE
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550074
Number:	2
Board Of Equalization:	Not reported
Referral Date:	05-13-94
Action Date:	05-13-94
Created Date:	10-13-88
Owner Tank Id:	74160809-1-RU1
SWRCB Tank Id:	41-000-550074-000002
Tank Status:	A
Capacity:	8000
Active Date:	04-26-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	PRODUCE SHELL
Address:	140 PRODUCE AVE
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550074
Number:	2

PRODUCE SHELL (Continued) **S101593771**

Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550074-000003
Tank Status: A
Capacity: 10000
Active Date: 04-26-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CERS TANKS:
Name: PRODUCE SHELL
Address: 140 PRODUCE AVE
City,State,Zip: S SAN FRANCISCO, CA 94080
Site ID: 399954
CERS ID: 10066168
CERS Description: Underground Storage Tank

CA FID UST:
Facility ID: 41000480
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4159922900
Mail To: Not reported
Mailing Address: P O BOX 5500
Mailing Address 2: Not reported
Mailing City,St,Zip: S SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HAZNET:
Name: PROJECT D-170
Address: 140 PRODUCE AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact: NATHANIEL BERNER
Telephone: 9256580669
Mailing Name: Not reported
Mailing Address: PO BOX 7640

Year: 2017
Gepaid: CAC002905039
TSD EPA ID: CAD980884183
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No

PRODUCE SHELL (Continued) **S101593771**

Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075

Additional Info:
Year: 2017
Gen EPA ID: CAC002905039

Shipment Date: 20170411
Creation Date: 5/4/2018 18:30:27
Receipt Date: 20170418
Manifest ID: 016322080JJK
Trans EPA ID: CAR000269548
Trans Name: PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID: MNS000110924
Trans 2 Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
TSDF EPA ID: CAD980884183
Trans Name: GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: PRODUCE SHELL
Address: 140 PRODUCE AVE
City,State,Zip: S SAN FRANCISCO, CA 94080
Site ID: 399954
CERS ID: 10066168
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 399954
Site Name: PRODUCE SHELL
Violation Date: 01-29-2015
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description: Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes: Returned to compliance on 01/29/2015. Fire extinguisher blocked with flats of drinks - corrected during inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 399954

PRODUCE SHELL (Continued) **S101593771**

Site Name:	PRODUCE SHELL
Violation Date:	01-29-2015
Citation:	22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 02/02/2015. Abandoned waste was placed in businesses trash. I instructed the business to promptly obtain containers for the abandoned waste and label the waste and dispose of the waste properly.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	399954
Site Name:	PRODUCE SHELL
Violation Date:	01-14-2014
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 01/29/2015. #2 Regular spill bucket: gross failure
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	399954
Site Name:	PRODUCE SHELL
Violation Date:	01-29-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 02/02/2015. Abandoned waste not labeled - paint and hydraulic fluid filled jacks.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	399954
Site Name:	PRODUCE SHELL
Violation Date:	01-14-2014
Citation:	HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description:	Failure to install leak detection equipment correct for the type of system.
Violation Notes:	Returned to compliance on 01/27/2014. UDC 3/4 high water sensor failure, #1 Turbine high water sensor failure
Violation Division:	San Mateo County Environmental Health

PRODUCE SHELL (Continued) **S101593771**

Violation Program: UST
Violation Source: CERS,

Site ID: 399954
Site Name: PRODUCE SHELL
Violation Date: 03-21-2019
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 06/04/2019. EPA ID number is inactive. Fill out DTSC 1358 form and EVQ questionnaire to reactivate the number within 30 days. You cannot dispose of hazardous waste with an inactive number. Vendors take all hazardous waste from site from routine operations. No waste routinely generated. CAL000362683 Name: GAS & WASH PARTNERS DBA PRODUCE SHELL County: SAN MATEO NAICS: 44719 Status: INACTIVE Inactive Date: 6/30/2015 12:00:00 AM Record Entered: 4/12/2011 8:42:53 AM Last Updated: 1/27/2016 11:13:08 AM Name Address City State Zip Code Phone Location GAS & WASH PARTNERS DBA PRODUCE SHELL 140 PRODUCE AVE SOUTH SAN FRANCISCO CA 940806510 Mailing 1800 W KATELLA AVE STE 400 ORANGE CA 928673449 Owner GAS & WASH PARTNERS 140 PRODUCE AVE SOUTH SAN FRANCISCO CA 940806510 8004411215 Operator/Contact VIOLA BANKHEAD 1800 W KATELLA AVE STE 400 ORANGE CA 928673449 8004411215
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 399954
Site Name: PRODUCE SHELL
Violation Date: 01-29-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/02/2015. There is not a current FR in CERS. It is expired.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 399954
Site Name: PRODUCE SHELL
Violation Date: 01-16-2020
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 01/16/2020. Facility had a PLLD alarm on 9/29/19 and failed to document this in the alarm log, there was also a PLLD alarm in October 2019 and the facility did not document on the DO report or alrm log, ensure all alarms are responded to in a timely

PRODUCE SHELL (Continued) **S101593771**

manner and investigated.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 399954
Site Name: PRODUCE SHELL
Violation Date: 03-21-2019
Citation: 23 CCR 16 2715(c)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(4)
Violation Description: Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA. For training that occurs on or after October 1, 2018, failure to maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes: Returned to compliance on 06/04/2019. OBSERVATION: The designated operator employee training for [name of employee] was not performed [or not current]. The designated operator shall train facility employees for which he or she is responsible in the proper operation and maintenance of the UST system once every 12 months. The training shall include, but is not limited to: 1. Operation of the UST system in a manner consistent with the facility s best management practices 2. Employee s role with regard to monitoring equipment as specified in the facility s monitoring plan 3. Employee s role with regard to spills and overfills as specified in the facility s response plan 4. Name of the contact person(s) for emergencies and monitoring equipment alarms. CORRECTIVE ACTION: Ensure that employees have been trained by the designated operator, maintain the list onsite, and submit a copy of the training records to the CUPA by [date, 30 days from now].
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 399954
Site Name: PRODUCE SHELL
Violation Date: 03-21-2019
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes: Returned to compliance on 03/21/2019. There was an issue on 89 fill sump where water was removed on 2/27 from rainwater intrusion. One dispenser 7/8 had fuel in it on 9/19/2018. Work order attached for removing the fuel and subsequent repair. Standalone sensor had shut down the pump and cut off power.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 399954
Site Name: PRODUCE SHELL
Violation Date: 01-29-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 02/02/2015. Update the monitoring plan. I

PRODUCE SHELL (Continued) **S101593771**

	the annular sensor
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	399954
Site Name:	PRODUCE SHELL
Violation Date:	01-16-2020
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Returned to compliance on 01/16/2020. Spill buckets already had water in them as testing began. There may be a water intrusion here from rain. Recommend covering with mats during rain.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-26-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	tank forms reviewed and approved.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-05-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	approved
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-23-2017

PRODUCE SHELL (Continued) **S101593771**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-07-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: UST pages and HMBP submitted and approved.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-10-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: while onsite to witness SB 989 repair testing completed the HMBP inspection review. No issues found, inventory and maps are correct and plan was accepted by regulator on 9/4/2020. No Violations observed.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989 retest report results for sb989 repairs. Onsite for repairs and now processing reports and uploading to file.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-23-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approval via cers
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-23-2015

PRODUCE SHELL (Continued) **S101593771**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual monitoring certification completed in conjunction with annual inspection and simultaneuosly with SB 989 testing. Heavy rain during testing..
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-24-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2015
Violations Found: No

PRODUCE SHELL (Continued) **S101593771**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-16-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: site paperwork setup
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: UST pages and HMBP reviewed and approved.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-05-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection conducted during the COVID 19 pandemic. Social distancing procedures were observed. Signature was not obtained to promote social

PRODUCE SHELL (Continued) **S101593771**

distancing. Inspection report completed off-site. Hazardous waste streams generated: Waste fuel filters/hoses/nozzzles, test water, used absorbent. Sporadically generated, facility does not store waste on size or dispose of any using their EPA ID, waste is taken by techs who perform work. Facility can be removed from HW program.

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-17-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-01-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: COMPLETED AMC AND WITNESSED SB 989 TESTING ONSITE WITH ECO CHEK
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-29-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Cert Report
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-21-2017
Violations Found: No

PRODUCE SHELL (Continued) **S101593771**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Amc and SB 989 report review and scanning/filing
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-24-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-23-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-03-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	docs review for AMC paperwork and overfill prevention testing and efiled
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-23-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	ust PAGES AND hmbp
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-02-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-02-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

PRODUCE SHELL (Continued) **S101593771**

Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-19-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	follow up on AMC and Overfill prevention testing, receivng of reports, review, correspondence for follow up on DO reports. Inspector was no on-site for AMC due to conflict in scheduling. All reports filed in attachments folder.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	reviewed hmbp for produce shell in CERS. APproved
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-03-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-12-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-21-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

PRODUCE SHELL (Continued) **S101593771**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-21-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	AMC occurred on 1/17/19 inspector not onsite for testing, SB989 occurred on this date as well as AMC, overfill prevention inspection, spill bucket, and leak detector, all with passing results.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-28-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-02-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	docs management for Overfill docs
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-03-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST and tank pages approved.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-20-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	overfill results tracked down and in file now.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Enforcement Action:

Site ID:	399954
Site Name:	PRODUCE SHELL
Site Address:	140 PRODUCE AVE
Site City:	S SAN FRANCISCO
Site Zip:	94080

PRODUCE SHELL (Continued) **S101593771**

Enf Action Date: 01-29-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 399954
Site Name: PRODUCE SHELL
Site Address: 140 PRODUCE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 01-14-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 399954
Site Name: PRODUCE SHELL
Site Address: 140 PRODUCE AVE
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 01-29-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Document Preparer
Entity Name: Stantec Consulting Services Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Gas & Wash Partner’s

PRODUCE SHELL (Continued) **S101593771**

Entity Title:	Not reported
Affiliation Address:	223 87th Street
Affiliation City:	Daly City
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94015
Affiliation Phone:	(650) 992-2900,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Southern Counties Oil Co.,LP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Southern Counties Oil Co, LP- De Len Holbrook
Entity Title:	Not reported
Affiliation Address:	1800 West Katella Ave. Suite 400
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92867
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Poletti"s Grandchildren Trust
Entity Title:	Not reported
Affiliation Address:	333 El Camino Real
Affiliation City:	S. San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 589-7300,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	223 87th Street
Affiliation City:	Daly City
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94015
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Gas & Wash Partner’s
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 992-2900,

PRODUCE SHELL (Continued) **S101593771**

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	De Len B. Holbrook
Entity Title:	Vice President of Facilities
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(714) 744-7140,

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Southern Counties Oil Company
Entity Title:	Not reported
Affiliation Address:	1800 WEST KATELLA AVENUE
Affiliation City:	ORANGE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92867
Affiliation Phone:	(714) 744-7140,

Affiliation Type Desc:	Identification Signer
Entity Name:	Dean Tautenhahn
Entity Title:	General Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	POLETTI'S GRANDCHILDREN TRUST
Entity Title:	Not reported
Affiliation Address:	333 EL CAMINO REAL
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 589-7300,

Affiliation Type Desc:	UST Tank Operator
Entity Name:	GAS & WASH PARTNERS
Entity Title:	Not reported
Affiliation Address:	140 PRODUCE AVENUE
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 871-4131,

HWTS:

Name:	PROJECT D-170
Address:	140 PRODUCE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAC002905039

PRODUCE SHELL (Continued) **S101593771**

Inactive Date:	08/04/2017
Create Date:	04/07/2017
Last Act Date:	12/20/2018
Mailing Name:	Not reported
Mailing Address:	PO BOX 7640
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN FRANCISCO, CA 941207640
Owner Name:	PACIFIC GAS & ELECTRIC
Owner Address:	PO BOX 7640
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941207640
Contact Name:	LEAH UPCHURCH
Contact Address:	12626 JACKSON GATE RD
Contact Address 2:	Not reported
City,State,Zip:	JACKSON, CA 95642

NAICS:

EPA ID:	CAC002905039
Create Date:	2017-04-07 14:24:02.063
NAICS Code:	22121
NAICS Description:	Natural Gas Distribution
Issued EPA ID Date:	2017-04-07 14:24:02.06700
Inactive Date:	2017-08-04 11:46:08.71700
Facility Name:	PROJECT D-170
Facility Address:	140 PRODUCE AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

T217 **SHELL OIL** **LUST** **S105194451**
North **140 PRODUCE** **San Mateo Co. BI** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.150 mi.
794 ft. **Site 7 of 8 in cluster T**

Relative:
Higher

Actual:
23 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Pollution Characterization
Case Number:	550017
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	1/1/1965
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	PRODUCE SHELL
Address:	140 PRODUCE

SHELL OIL (Continued) **S105194451**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017734
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0042756
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PRODUCE SHELL
Address: 140 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017734
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022618
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: PRODUCE SHELL
Address: 140 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017734
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0024167
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: PRODUCE SHELL
Address: 140 PRODUCE
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0049479
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0067671
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PRODUCE SHELL
Address: 140 PRODUCE
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0049479
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0067674
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

Name: PRODUCE SHELL
Address: 140 PRODUCE
City,State,Zip: CA 94080
Region: SAN MATEO

SHELL OIL (Continued) **S105194451**

Facility ID: FA0049479
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0067670
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

T218 **EQUILON ENTERPRISES** **LUST** **1007739203**
North **140 PRODUCE** **FINDS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.150 mi. **Cortese**
794 ft. **Site 8 of 8 in cluster T** **CERS**

Relative:
Higher

Actual:
23 ft.

SAN MATEO CO. LUST:
Name: SHELL OIL
Address: 140 PRODUCE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550017
Facility Status: 9- Case Closed
Global ID: T0608100465
APN Number: 015113320
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: SHELL OIL
Address: 140 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100465
Global Id: T0608100465
Latitude: 37.6485
Longitude: -122.4063
Status: Completed - Case Closed
Status Date: 06/24/2005
Case Worker: JM
RB Case Number: 41-0489
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550017
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0608100465
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100465
Contact Type: Local Agency Caseworker

EQUILON ENTERPRISES (Continued) **1007739203**

Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:

Global Id: T0608100465
Action Type: Other
Date: 01/06/1987
Action: Leak Discovery

Global Id: T0608100465
Action Type: RESPONSE
Date: 01/12/2004
Action: Other Report / Document

Global Id: T0608100465
Action Type: ENFORCEMENT
Date: 09/17/1987
Action: Notice of Responsibility - #1

Global Id: T0608100465
Action Type: ENFORCEMENT
Date: 09/17/2003
Action: Staff Letter - #20030917

Global Id: T0608100465
Action Type: ENFORCEMENT
Date: 06/24/2005
Action: Closure/No Further Action Letter - #20050624

Global Id: T0608100465
Action Type: ENFORCEMENT
Date: 08/05/2003
Action: Staff Letter - #20030805

Global Id: T0608100465
Action Type: ENFORCEMENT
Date: 01/11/2002
Action: Staff Letter - #20020111

Global Id: T0608100465
Action Type: Other
Date: 01/06/1987
Action: Leak Reported

Global Id: T0608100465
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100465
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

EQUILON ENTERPRISES (Continued) **1007739203**

Global Id: T0608100465
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100465
Action Type: RESPONSE
Date: 04/27/2012
Action: Site Assessment Report

Global Id: T0608100465
Action Type: RESPONSE
Date: 10/03/2003
Action: Other Report / Document

LUST:
Global Id: T0608100465
Status: Open - Case Begin Date
Status Date: 01/06/1987

Global Id: T0608100465
Status: Open - Site Assessment
Status Date: 01/06/1987

Global Id: T0608100465
Status: Completed - Case Closed
Status Date: 06/24/2005

FINDS:
Registry ID: 110018999690

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1007739203
Registry ID: 110018999690
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110018999690
Name: EQUILON ENTERPRISES
Address: 140 PRODUCE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

EQUILON ENTERPRISES (Continued) **1007739203**

CORTESE:

Name:	SHELL OIL
Address:	140 PRODUCE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100465
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	SHELL OIL
Address:	140 PRODUCE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	248981
CERS ID:	T0608100465
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

X219 **INTERSTATE BATTERY SYSTEM OF S** **San Mateo Co. BI** **S117397451**
NNW **1383 LOWRIE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.152 mi.
801 ft. **Site 6 of 10 in cluster X**

Relative: San Mateo Co. BI:
Higher
Actual: Name: INTERSTATE BATTERY SYSTEM OF S
26 ft. Address: 1383 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011670
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0004442
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

W220 **NEW METHOD FUR DRESSING** **San Mateo Co. BI** **S117397413**
SE **131 BEACON** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.153 mi.
810 ft. **Site 8 of 16 in cluster W**

Relative: San Mateo Co. BI:
Lower
Actual: Name: NEW METHOD FUR DRESSING
17 ft. Address: 131 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011062
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0004379
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: NEW METHOD FUR DRESSING
Address: 131 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011062
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0035635
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: NEW METHOD FUR DRESSING
Address: 131 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011062
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0064182
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: NEW METHOD FUR DRESSING
Address: 131 BEACON

NEW METHOD FUR DRESSING (Continued) **S117397413**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011062
Prog Element Code:	CONDITIONAL AUTHORIZED (CA)
Record Id:	PR0035636
Description:	CONDITIONAL AUTHORIZED (CA)
Facility Status:	Inactive, non-billable
Program Category:	CONDITIONALLY AUTHORIZED (CA)

W221 **NEW METHOD FUR** **RCRA NonGen / NLR** **1024803374**
SE **131 BEACON STREET** **CAL000252459**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.153 mi.
810 ft. **Site 9 of 16 in cluster W**

Relative: **Lower**
Actual: **17 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20020521
Handler Name:	NEW METHOD FUR	
Handler Address:		131 BEACON STREET
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
EPA ID:		CAL000252459
Contact Name:		MOE MALEK/PRESIDENT
Contact Address:		131 BEACON ST
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		650-583-9881
Contact Fax:		650-742-1075
Contact Email:		MOEMALEK@PACBELL.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		131 BEACON ST
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:		NEW METHOD FUR DRESSING INC
Owner Type:		Other
Operator Name:		MOE MALEK/PRESIDENT
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

NEW METHOD FUR (Continued) **1024803374**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW METHOD FUR DRESSING INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	131 BEACON ST
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6921
Owner/Operator Telephone:	415-860-4322
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MOE MALEK/PRESIDENT

NEW METHOD FUR (Continued) **1024803374**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	131 BEACON ST
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-583-9881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020521
Handler Name: NEW METHOD FUR	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	339999
NAICS Description:	ALL OTHER MISCELLANEOUS MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

W222 **NEW METHOD FUR DRESSING** **CERS HAZ WASTE** **S121743930**
SE **131 BEACON ST** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.153 mi.
810 ft. **Site 10 of 16 in cluster W**

Relative: **Lower**

Actual: **17 ft.**

CERS HAZ WASTE:

Name:	NEW METHOD FUR DRESSING
Address:	131 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	137810
CERS ID:	10064551
CERS Description:	Hazardous Waste Generator

Name:	NEW METHOD FUR DRESSING
Address:	131 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	137810
CERS ID:	10064551
CERS Description:	Hazardous Waste Onsite Treatment

NEW METHOD FUR DRESSING (Continued) **S121743930**

CERS:

Name:	NEW METHOD FUR DRESSING
Address:	131 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	137810
CERS ID:	10064551
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	137810
Site Name:	NEW METHOD FUR DRESSING
Violation Date:	10-02-2020
Citation:	49 CFR 1 172 - U.S. Code of Federal Regulations, Title 49, Chapter 1, Section(s) 172
Violation Description:	Failure of the universal waste handler to transfer universal waste to another universal waste handler, or appropriate destination facility. Failure to package, label, mark and placard shipments and prepare shipping papers for any universal waste that meets the hazardous materials definition in accordance with DOT 49 CFR parts 171-180.
Violation Notes:	Facility stores a large fiber drum of light tubes that are un-protected from breakage. Also some 8 ft light tubes were located outside by the empty drum storage area. Properly store and dispose of these as a universal waste. You can buy boxes on grainegr or other safety company website for this purpose. I will attach a link to these products in the email .
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	137810
Site Name:	NEW METHOD FUR DRESSING
Violation Date:	10-02-2020
Citation:	22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description:	Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes:	Returned to compliance on 09/15/2021. Please mark all of the empty 55 gallon drums of mineral spirits as empty, including the ones at the loading dock and in the secondary warehouse across the driveway. Only some of these were marked.
Violation Division:	San Mateo County Environmental Health

NEW METHOD FUR DRESSING (Continued) **S121743930**

Violation Program: HW
Violation Source: CERS,

Site ID: 137810
Site Name: NEW METHOD FUR DRESSING
Violation Date: 03-10-2014
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to review, revise, and recertify the business plan at least once every three years.
Violation Notes: Returned to compliance on 11/03/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 137810
Site Name: NEW METHOD FUR DRESSING
Violation Date: 03-27-2019
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description: Failure to adjust Closure Costs for inflation/deflation by March 1st.
Violation Notes: Returned to compliance on 07/09/2019.
Violation Division: San Mateo County Environmental Health
Violation Program: CA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: CA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-22-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-09-2018
Violations Found: No

NEW METHOD FUR DRESSING (Continued) **S121743930**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	process review
Eval Division:	San Mateo County Environmental Health
Eval Program:	CA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-22-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	document assistance for moe malek.
Eval Division:	San Mateo County Environmental Health
Eval Program:	CA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	upload assistance with regulatory docs
Eval Division:	San Mateo County Environmental Health
Eval Program:	CA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-05-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	CA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-02-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-29-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

NEW METHOD FUR DRESSING (Continued) **S121743930**

Eval Program: CA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-29-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-07-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: docs review for moe malek re: pending CA treatment docs.
Eval Division: San Mateo County Environmental Health
Eval Program: CA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-23-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: review of treatment paperwork etc and contacted facility regarding update closure cost estimates. He has not submitted this and will visit facility to see what is going on.
Eval Division: San Mateo County Environmental Health
Eval Program: CA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-27-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: CA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-29-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW

NEW METHOD FUR DRESSING (Continued) **S121743930**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-21-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-29-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: CA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown

NEW METHOD FUR DRESSING (Continued) **S121743930**

Eval Date:	06-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	CA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-02-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	CA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-09-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	CA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-29-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-17-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	certified hmbp review
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Enforcement Action:

Site ID:	137810
Site Name:	NEW METHOD FUR DRESSING
Site Address:	131 BEACON ST
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	03-10-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS,

NEW METHOD FUR DRESSING (Continued) **S121743930**

Coordinates:

Site ID:	137810
Facility Name:	NEW METHOD FUR DRESSING
Env Int Type Code:	HMBP
Program ID:	10064551
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	37.640746
Longitude:	-122.403771

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	moe malek
Entity Title:	owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Document Preparer
Entity Name:	moe malek
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Legal Owner
Entity Name:	New Method F.d. co
Entity Title:	Not reported
Affiliation Address:	131 BEACON
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 558-9677,

Affiliation Type Desc:	Parent Corporation
Entity Name:	NEW METHOD FUR DRESSING
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

NEW METHOD FUR DRESSING (Continued) **S121743930**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	moe a malek
Entity Title:	Not reported
Affiliation Address:	1041 macadamia dr
Affiliation City:	hillsbrough
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	131 BEACON ST
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	moe malek
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 583-9881,

X223 **PENINSULA COLOR SERVICE** **San Mateo Co. BI** **S117397933**
NNW **1389 LOWRIE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.154 mi.
813 ft. **Site 7 of 10 in cluster X**

Relative: **Higher**

Actual: **27 ft.**

San Mateo Co. BI:

Name:	PENINSULA COLOR SERVICE
Address:	1389 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0024798
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0030718
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	PENINSULA COLOR SERVICE
Address:	1389 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO

PENINSULA COLOR SERVICE (Continued) **S117397933**

Facility ID: FA0024798
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0030717
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: MARJORIE BAER ACCESSORIES INC
Address: 1389 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0036736
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0053665
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: MARJORIE BAER ACCESSORIES INC
Address: 1389 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0036736
Prog Element Code: GEN 1-5 TONS HAZ WASTE/YR
Record Id: PR0053666
Description: GEN 1-5 TONS HAZ WASTE/YR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

X224 **MARJORIE BAER ACCESSORIES INC** **CERS HAZ WASTE** **S113177504**
NNW **1389 LOWRIE AVE** **HAZNET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.154 mi. **HWTS**
813 ft. **Site 8 of 10 in cluster X**

Relative:
Higher

Actual:
27 ft.

CERS HAZ WASTE:
Name: MARJORIE BAER ACCESSORIES
Address: 1389 LOWRIE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 570283
CERS ID: 10840834
CERS Description: Hazardous Waste Generator

HAZNET:
Name: MARJORIE BAER ACCESSORIES INC
Address: 1389 LOWRIE AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact: SIEU TA
Telephone: 6508722272
Mailing Name: Not reported
Mailing Address: 1389 LOWRIE AVE

Year: 2019
Gepaid: CAR000149948
TSD EPA ID: CAD980675276
CA Waste Code: 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

metals)
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.43805

Year: 2018
Gepaid: CAR000149948
TSD EPA ID: CAD980675276
CA Waste Code: 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 2.06415

Year: 2017
Gepaid: CAR000149948
TSD EPA ID: CAD980675276
CA Waste Code: 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.9174

Year: 2016
Gepaid: CAR000149948
TSD EPA ID: CAD980675276
CA Waste Code: 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 2.52285

Year: 2015
Gepaid: CAR000149948
TSD EPA ID: CAD059494310
CA Waste Code: 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.9174

Year: 2015
Gepaid: CAR000149948
TSD EPA ID: CAD980675276
CA Waste Code: 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.60545

Year: 2014
Gepaid: CAR000149948
TSD EPA ID: CAD980675276
CA Waste Code: 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Tons:	4.81635
Year:	2013
Gepaid:	CAR000149948
TSD EPA ID:	CAD980675276
CA Waste Code:	342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	3.7622
Year:	2013
Gepaid:	CAR000149948
TSD EPA ID:	CAD059494310
CA Waste Code:	342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.68805
Year:	2012
Gepaid:	CAR000149948
TSD EPA ID:	CAD980675276
CA Waste Code:	342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	5.90055

Click this hyperlink while viewing on your computer to access
14 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2012
Gen EPA ID:	CAR000149948
Shipment Date:	20121130
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121212
Manifest ID:	006124769FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121029
Creation Date:	4/6/2013 22:15:07
Receipt Date:	20121107
Manifest ID:	006080529FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121012
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121030
Manifest ID:	006080168FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	UTD991301748
TSDF Alt Name:	CLEAN HARBORS GRASSY MTN
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120910
Creation Date:	1/12/2013 22:15:35

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Receipt Date:	20120926
Manifest ID:	005555561FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRO
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120817
Creation Date:	12/13/2012 22:15:09
Receipt Date:	20120824
Manifest ID:	005556228FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRO
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120727
Creation Date:	10/29/2012 22:15:06
Receipt Date:	20120803
Manifest ID:	005617667FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD980675276

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120622
Creation Date:	10/10/2012 22:15:09
Receipt Date:	20120706
Manifest ID:	005615953FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120525
Creation Date:	11/16/2012 22:15:09
Receipt Date:	20120608
Manifest ID:	005571328FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120420
Creation Date:	8/16/2012 22:15:19
Receipt Date:	20120427
Manifest ID:	005299472FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120323
Creation Date:	8/3/2012 22:15:13
Receipt Date:	20120402
Manifest ID:	005220143FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRO
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAR000149948

Shipment Date: 20170804
Creation Date: 6/28/2018 18:30:22
Receipt Date: 20170816
Manifest ID: 010914280FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 342 - Organic liquids with metals (see 121
RCRA Code: D011
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.9174
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: D010
Additional Code 2: D008
Additional Code 3: D006
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAR000149948

Shipment Date: 20150925
Creation Date: 1/11/2016 22:15:53
Receipt Date: 20151002
Manifest ID: 009117513FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 342 - Organic liquids with metals (see 121
RCRA Code: D011
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.68805
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: D010
Additional Code 2: D008

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150601
Creation Date:	8/20/2015 22:15:27
Receipt Date:	20150609
Manifest ID:	008368748FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150123
Creation Date:	5/18/2015 22:15:34
Receipt Date:	20150206
Manifest ID:	008100172FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000149948

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Shipment Date:	20131121
Creation Date:	3/18/2014 22:15:05
Receipt Date:	20131218
Manifest ID:	007069301FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEANHARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.01
Waste Quantity:	2020
Quantity Unit:	P
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130920
Creation Date:	12/4/2013 22:15:05
Receipt Date:	20130926
Manifest ID:	006768868FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130805
Creation Date:	10/17/2013 22:15:18
Receipt Date:	20130815
Manifest ID:	006842919FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130503
Creation Date:	8/15/2013 22:15:24
Receipt Date:	20130517
Manifest ID:	006614279FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130301
Creation Date:	7/3/2013 22:15:06
Receipt Date:	20130315
Manifest ID:	006523622FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130125
Creation Date:	4/30/2013 22:15:27
Receipt Date:	20130206
Manifest ID:	006169432FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAR000149948
Shipment Date:	20061207
Creation Date:	3/30/2007 13:33:55
Receipt Date:	20061207
Manifest ID:	001394952JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060920
Creation Date:	3/30/2007 13:31:52
Receipt Date:	20060920
Manifest ID:	001394666JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060525
Creation Date:	8/25/2006 18:37:06
Receipt Date:	20060525
Manifest ID:	25051752
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Shipment Date:	20060206
Creation Date:	7/5/2006 12:02:53
Receipt Date:	20060206
Manifest ID:	22365879
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAR000149948
Shipment Date:	20081223
Creation Date:	3/9/2009 18:30:54
Receipt Date:	20081223
Manifest ID:	004467426JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081125
Creation Date:	1/9/2009 18:30:34
Receipt Date:	20081125

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Manifest ID:	004467377JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081104
Creation Date:	12/16/2008 18:30:08
Receipt Date:	20081104
Manifest ID:	004467338JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081016
Creation Date:	11/18/2008 18:30:08
Receipt Date:	20081016
Manifest ID:	004467313JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080917
Creation Date:	10/21/2008 18:30:17
Receipt Date:	20080917
Manifest ID:	004467287JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080828
Creation Date:	10/13/2008 18:30:08
Receipt Date:	20080828
Manifest ID:	003978923JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080729
Creation Date:	9/10/2008 18:30:08
Receipt Date:	20080729
Manifest ID:	003978863JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.5421
Waste Quantity:	130
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080702
Creation Date:	8/11/2008 18:30:30
Receipt Date:	20080702
Manifest ID:	003978824JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.72975
Waste Quantity:	175
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Shipment Date:	20080702
Creation Date:	11/12/2008 18:30:09
Receipt Date:	20080702
Manifest ID:	003978324JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D035
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.72975
Waste Quantity:	175
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080612
Creation Date:	8/4/2008 18:30:49
Receipt Date:	20080612
Manifest ID:	003978792JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAR000149948

Shipment Date:	20101217
Creation Date:	3/28/2011 18:30:20
Receipt Date:	20101227

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Manifest ID:	003890185FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101112
Creation Date:	2/8/2011 18:30:44
Receipt Date:	20101124
Manifest ID:	003893269FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101015
Creation Date:	1/3/2011 18:30:46
Receipt Date:	20101019
Manifest ID:	003981611FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100917
Creation Date:	12/30/2010 18:30:37
Receipt Date:	20100924
Manifest ID:	003977630FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100820
Creation Date:	2/19/2011 18:30:08
Receipt Date:	20100917
Manifest ID:	003410894FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORT
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100723
Creation Date:	2/1/2011 18:30:08
Receipt Date:	20100812
Manifest ID:	003410465FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CA982523433
Trans 2 Name:	DES
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100723
Creation Date:	2/1/2011 18:30:08
Receipt Date:	20100812
Manifest ID:	003410465FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CA982523433
Trans 2 Name:	DES
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Shipment Date:	20100611
Creation Date:	1/24/2011 18:30:16
Receipt Date:	20100630
Manifest ID:	003490412FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100514
Creation Date:	1/24/2011 18:30:16
Receipt Date:	20100604
Manifest ID:	003489277FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100416
Creation Date:	12/16/2010 18:30:53
Receipt Date:	20100429
Manifest ID:	002960945FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000179382

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Trans 2 Name:	ENV ENVIRO
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAR000149948
Shipment Date:	20091216
Creation Date:	2/3/2010 18:31:03
Receipt Date:	20091216
Manifest ID:	005286988JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091124
Creation Date:	1/11/2010 18:30:22
Receipt Date:	20091124
Manifest ID:	005286945JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091103
Creation Date:	1/11/2010 18:30:22
Receipt Date:	20091103
Manifest ID:	005286904JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091015
Creation Date:	12/8/2009 18:30:31
Receipt Date:	20091015
Manifest ID:	005286882JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090929
Creation Date:	12/8/2009 18:30:31
Receipt Date:	20090929
Manifest ID:	005286861JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090915
Creation Date:	10/20/2009 18:30:23
Receipt Date:	20090915
Manifest ID:	005286836JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.1275
Waste Quantity:	750
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Shipment Date:	20090827
Creation Date:	10/6/2009 18:30:09
Receipt Date:	20090827
Manifest ID:	005286811JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090811
Creation Date:	9/23/2009 18:30:30
Receipt Date:	20090811
Manifest ID:	005286785JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090723
Creation Date:	8/20/2009 18:30:09
Receipt Date:	20090723
Manifest ID:	005286754JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090707
Creation Date:	8/3/2009 18:30:08
Receipt Date:	20090707
Manifest ID:	005286710JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAR000149948

Shipment Date:	20051115
Creation Date:	1/2/2007 18:30:08
Receipt Date:	20051116
Manifest ID:	22365653
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.5004
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050927
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20050930
Manifest ID:	22366343
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050804
Creation Date:	4/13/2006 18:46:51
Receipt Date:	20050808
Manifest ID:	22366216
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050503
Creation Date:	7/28/2005 18:30:54
Receipt Date:	20050503
Manifest ID:	22367891
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000149948
Shipment Date:	20111209
Creation Date:	7/19/2012 22:00:24
Receipt Date:	20111216
Manifest ID:	004822656FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111021
Creation Date:	7/19/2012 22:00:18
Receipt Date:	20111031
Manifest ID:	004871094FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111021
Creation Date:	7/25/2012 18:30:17
Receipt Date:	20111025
Manifest ID:	004871119FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.017
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110923
Creation Date:	7/19/2012 22:00:18

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Receipt Date:	20110930
Manifest ID:	004937266FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110826
Creation Date:	7/19/2012 22:00:14
Receipt Date:	20110906
Manifest ID:	004782155FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110826
Creation Date:	7/19/2012 22:00:14
Receipt Date:	20110906
Manifest ID:	004782155FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110805
Creation Date:	7/25/2012 18:30:17
Receipt Date:	20110810
Manifest ID:	004782601FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110708
Creation Date:	6/29/2012 20:30:06
Receipt Date:	20110712
Manifest ID:	004403680FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRO
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110513
Creation Date:	7/25/2011 18:30:12
Receipt Date:	20110523
Manifest ID:	004754757FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110415
Creation Date:	6/27/2011 18:30:31
Receipt Date:	20110419
Manifest ID:	004769642FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAR000149948

Shipment Date: 20140919
Creation Date: 12/26/2014 22:15:10
Receipt Date: 20141001
Manifest ID: 007823845FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 342 - Organic liquids with metals (see 121
RCRA Code: D011
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.9174
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: D010
Additional Code 2: D008
Additional Code 3: D006
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140623
Creation Date: 9/22/2014 22:15:10
Receipt Date: 20140709
Manifest ID: 007030841FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 342 - Organic liquids with metals (see 121
RCRA Code: D011
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.9174
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: D010
Additional Code 2: D008
Additional Code 3: D006
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140519

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Creation Date:	8/18/2014 22:15:10
Receipt Date:	20140604
Manifest ID:	007030726FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140425
Creation Date:	7/12/2014 22:15:17
Receipt Date:	20140509
Manifest ID:	007070553FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140317
Creation Date:	6/18/2014 22:14:45
Receipt Date:	20140402
Manifest ID:	006976165FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140224
Creation Date:	5/20/2014 22:14:59
Receipt Date:	20140312
Manifest ID:	007473579FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140120
Creation Date:	4/7/2014 22:15:09
Receipt Date:	20140131
Manifest ID:	006976809FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

	Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAR000149948
Shipment Date:	20071218
Creation Date:	3/6/2008 18:30:26
Receipt Date:	20071218
Manifest ID:	003978505JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071130
Creation Date:	2/29/2008 18:30:52
Receipt Date:	20071130
Manifest ID:	002970971JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071106
Creation Date:	1/25/2008 18:30:14
Receipt Date:	20071106
Manifest ID:	002970933JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071018
Creation Date:	1/25/2008 18:30:14
Receipt Date:	20071018
Manifest ID:	002970834JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Shipment Date:	20070927
Creation Date:	1/9/2008 18:30:21
Receipt Date:	20070927
Manifest ID:	002970765JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070906
Creation Date:	12/28/2007 18:30:53
Receipt Date:	20070906
Manifest ID:	002970721JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.7506
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070814
Creation Date:	11/5/2007 18:30:58
Receipt Date:	20070814
Manifest ID:	002970693JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.7506
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070717
Creation Date:	11/3/2007 18:30:36
Receipt Date:	20070717
Manifest ID:	002970607JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.7506
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070626
Creation Date:	10/23/2007 18:30:06
Receipt Date:	20070626
Manifest ID:	002970581JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.7506
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070531
Creation Date:	10/18/2007 18:30:07
Receipt Date:	20070531
Manifest ID:	001393944JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.7506
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAR000149948
Shipment Date:	20041005
Creation Date:	12/21/2004 18:30:50
Receipt Date:	20041005
Manifest ID:	22364833
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.3753

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000149948
Shipment Date:	20150925
Creation Date:	1/11/2016 22:15:53
Receipt Date:	20151002
Manifest ID:	009117513FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150601
Creation Date:	8/20/2015 22:15:27
Receipt Date:	20150609
Manifest ID:	008368748FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	D010

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150123
Creation Date:	5/18/2015 22:15:34
Receipt Date:	20150206
Manifest ID:	008100172FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	MARJORIE BAER ACCESSORIES
Address:	1389 LOWRIE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	570283
CERS ID:	10840834
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	570283
Site Name:	MARJORIE BAER ACCESSORIES
Violation Date:	10-28-2020
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 11/13/2020. HMBP renewal was due in 2/2020. Please resubmit hmbp in the next 30 days. There is now an annual certification option for CERS that streamlines this process if there are no changes.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	570283
Site Name:	MARJORIE BAER ACCESSORIES

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Violation Date:	10-28-2020
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 02/01/2021. Training on haz waste procedures refresher was not completed for 2020 yet due to covid 19. Extended compliance deadline provided for 60 days. Please keep records of training on file and send SM County records when completed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	570283
Site Name:	MARJORIE BAER ACCESSORIES
Violation Date:	10-28-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/01/2021. Training has not been completed yet for 2020 due to COVID. Please complete emergency response training within 60 days. Extended compliance deadline due to circumstances.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-28-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-28-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	TA, SIEU
Entity Title:	Not reported
Affiliation Address:	1389 LOWRIE AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 872-2272,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1389 LOWRIE AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Sieu Ta
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 922-6575,
Affiliation Type Desc:	Parent Corporation
Entity Name:	MARJORIE BAER ACCESSORIES
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Sieu Ta
Entity Title:	Not reported
Affiliation Address:	1389 Lowrie Ave
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Document Preparer
Entity Name:	Nora Canright
Entity Title:	Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Sieu Ta
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Sieu TA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: United States
Affiliation Zip: Not reported
Affiliation Phone: (650) 745-5585,

HWTS:
Name: MARJORIE BAER ACCESSORIES INC
Address: 1389 LOWRIE AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
EPA ID: CAR000149948
Inactive Date: Not reported
Create Date: 06/21/2004
Last Act Date: 07/20/2020
Mailing Name: Not reported
Mailing Address: 1389 LOWRIE AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: MARJORIE BAER
Owner Address: 1389 LOWRIE AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Name: SIEU TA
Contact Address: 1389 LOWRIE AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

NAICS:
EPA ID: CAR000149948
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 33241
NAICS Description: Power Boiler and Heat Exchanger Manufacturing
Issued EPA ID Date: 2004-06-21 15:39:41.83700
Inactive Date: Not reported

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Facility Name: MARJORIE BAER ACCESSORIES INC
Facility Address: 1389 LOWRIE AVE
Facility Address 2: Not reported
Facility City: SOUTH SAN FRANCISCO
Facility County: Not reported
Facility State: CA
Facility Zip: 940800000

EPA ID: CAR000149948
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 333111
NAICS Description: Farm Machinery and Equipment Manufacturing
Issued EPA ID Date: 2004-06-21 15:39:41.83700
Inactive Date: Not reported
Facility Name: MARJORIE BAER ACCESSORIES INC
Facility Address: 1389 LOWRIE AVE
Facility Address 2: Not reported
Facility City: SOUTH SAN FRANCISCO
Facility County: Not reported
Facility State: CA
Facility Zip: 940800000

EPA ID: CAR000149948
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 33322
NAICS Description: Plastics and Rubber Industry Machinery Manufacturing
Issued EPA ID Date: 2004-06-21 15:39:41.83700
Inactive Date: Not reported
Facility Name: MARJORIE BAER ACCESSORIES INC
Facility Address: 1389 LOWRIE AVE
Facility Address 2: Not reported
Facility City: SOUTH SAN FRANCISCO
Facility County: Not reported
Facility State: CA
Facility Zip: 940800000

EPA ID: CAR000149948
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 333295
NAICS Description: Semiconductor Machinery Manufacturing
Issued EPA ID Date: 2004-06-21 15:39:41.83700
Inactive Date: Not reported
Facility Name: MARJORIE BAER ACCESSORIES INC
Facility Address: 1389 LOWRIE AVE
Facility Address 2: Not reported
Facility City: SOUTH SAN FRANCISCO
Facility County: Not reported
Facility State: CA
Facility Zip: 940800000

EPA ID: CAR000149948
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 333298
NAICS Description: All Other Industrial Machinery Manufacturing
Issued EPA ID Date: 2004-06-21 15:39:41.83700
Inactive Date: Not reported
Facility Name: MARJORIE BAER ACCESSORIES INC

MARJORIE BAER ACCESSORIES INC (Continued) **S113177504**

Facility Address:	1389 LOWRIE AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940800000
EPA ID:	CAR000149948
Create Date:	2009-12-03 12:41:18.000
NAICS Code:	333319
NAICS Description:	Other Commercial and Service Industry Machinery Manufacturing
Issued EPA ID Date:	2004-06-21 15:39:41.83700
Inactive Date:	Not reported
Facility Name:	MARJORIE BAER ACCESSORIES INC
Facility Address:	1389 LOWRIE AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940800000
EPA ID:	CAR000149948
Create Date:	2013-10-15 15:45:40.993
NAICS Code:	339914
NAICS Description:	Costume Jewelry and Novelty Manufacturing
Issued EPA ID Date:	2004-06-21 15:39:41.83700
Inactive Date:	Not reported
Facility Name:	MARJORIE BAER ACCESSORIES INC
Facility Address:	1389 LOWRIE AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940800000

X225 **MAJORIE BAER ACCESSORIES** **RCRA-LQG** **1007117593**
NNW **1389 LOWRIE AVENUE** **CAR000149948**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.154 mi.
813 ft. **Site 9 of 10 in cluster X**

Relative: **Higher**
Actual: **27 ft.**

RCRA-LQG:

Date Form Received by Agency:	20100511
Handler Name:	MAJORIE BAER ACCESSORIES
Handler Address:	1389 LOWRIE AVENUE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAR000149948
Contact Name:	MARJORIE BAER
Contact Address:	LOWRIE AVENUE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-872-2272
Contact Fax:	650-872-2292
Contact Email:	MAJORIE@MBAER.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator

MAJORIE BAER ACCESSORIES (Continued) **1007117593**

Non-Notifier:	Not reported
Biennial Report Cycle:	2009
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	LOWRIE AVENUE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	MICHAEL ULRICH
Owner Type:	Private
Operator Name:	MARJORIE BAWER ACC. INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

MAJORIE BAER ACCESSORIES (Continued) **1007117593**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20101006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D011
Waste Description: SILVER

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL ULRICH
Legal Status:	Private
Date Became Current:	19980101
Date Ended Current:	Not reported
Owner/Operator Address:	43 SOUTH LINDEN AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-589-4231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MIKE ULRICH
Legal Status:	Private
Date Became Current:	19980101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARJORIE BAWER ACC. INC.
Legal Status:	Private
Date Became Current:	20031030
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MAJORIE BAER ACCESSORIES (Continued) **1007117593**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARJORIE BAER ACC INC
Legal Status:	Private
Date Became Current:	20031015
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20100511
Handler Name:	MAJORIE BAER ACCESSORIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040102
Handler Name:	MARJORIE BAER ACCESSORIES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	339911
NAICS Description:	JEWELRY (EXCEPT COSTUME) MANUFACTURING

NAICS Code:	42433
NAICS Description:	WOMEN'S, CHILDREN'S, AND INFANTS' CLOTHING AND ACCESSORIES MERCHANT WHOLESALERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

Y226 **TORRES TEXACO** **LUST** **U001594661**
SW **1299 SAN MATEO AVE** **HIST UST** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **Cortese**
0.159 mi. **CERS**
841 ft. **Site 1 of 30 in cluster Y**

Relative:
Lower

Actual:
20 ft.

SAN MATEO CO. LUST:

Name:	B & B TRANSMISSIONS
Address:	1299 SAN MATEO AVE
City,State,Zip:	SAN BRUNO, CA
Region:	SAN MATEO
Facility ID:	880062
Facility Status:	9- Case Closed
Global ID:	T1000002006
APN Number:	014261320
Case Type:	SAN BRUNO, CA
EDR Link ID:	SAN BRUNO, CA

LUST:

Name:	B AND B TRANSMISSION
Address:	1299 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002006
Global Id:	T10000002006
Latitude:	37.640889
Longitude:	-122.41186
Status:	Completed - Case Closed
Status Date:	10/24/2013
Case Worker:	JM
RB Case Number:	Not reported
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	880062
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Diesel, Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T10000002006
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T10000002006
Action Type:	ENFORCEMENT
Date:	10/24/2013
Action:	Closure/No Further Action Letter - #20131024
Global Id:	T10000002006

TORRES TEXACO (Continued) **U001594661**

Action Type: ENFORCEMENT
Date: 07/08/2010
Action: Staff Letter - #20100708

Global Id: T10000002006
Action Type: ENFORCEMENT
Date: 09/27/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T10000002006
Action Type: ENFORCEMENT
Date: 08/21/2013
Action: Notification - Public Notice of Case Closure - #20130821

Global Id: T10000002006
Action Type: Other
Date: 04/29/2010
Action: Leak Reported

Global Id: T10000002006
Action Type: ENFORCEMENT
Date: 05/11/2010
Action: Staff Letter - #20100511

Global Id: T10000002006
Action Type: ENFORCEMENT
Date: 04/17/2012
Action: Staff Letter - #20120417

Global Id: T10000002006
Action Type: RESPONSE
Date: 08/17/2012
Action: Site Assessment Report - Regulator Responded

Global Id: T10000002006
Action Type: ENFORCEMENT
Date: 03/22/2012
Action: Warning Letter - #20120322

Global Id: T10000002006
Action Type: RESPONSE
Date: 10/22/2010
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T10000002006
Action Type: RESPONSE
Date: 06/18/2010
Action: Verbal Communication

Global Id: T10000002006
Action Type: ENFORCEMENT
Date: 03/16/2011
Action: Notice of Violation - #20110316

Global Id: T10000002006
Action Type: ENFORCEMENT
Date: 02/27/2013

TORRES TEXACO (Continued) **U001594661**

Action: Notice of Violation - #20130227

Global Id: T10000002006
Action Type: Other
Date: 04/20/2010
Action: Leak Discovery

LUST:
Global Id: T10000002006
Status: Open - Case Begin Date
Status Date: 04/20/2010

Global Id: T10000002006
Status: Open - Site Assessment
Status Date: 05/06/2010

Global Id: T10000002006
Status: Open - Eligible for Closure
Status Date: 08/08/2013

Global Id: T10000002006
Status: Completed - Case Closed
Status Date: 10/24/2013

HIST UST:
Name: TORRES TEXACO
Address: 1299 SAN MATEO AVE
City,State,Zip: SAN BRUNO, CA 94066
File Number: 0002BB98
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BB98.pdf
Region: STATE
Facility ID: 00000009897
Facility Type: Gas Station
Other Type: SERVICE STATION
Contact Name: ANTONIO TORRES
Telephone: 4153681631
Owner Name: ANTONIO B. TORRES
Owner Address: 623 RUBY ST
Owner City,St,Zip: REDWOOD CITY, CA 94061
Total Tanks: 0004

Tank Num: 001
Container Num: #101
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: #102
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT

TORRES TEXACO (Continued) **U001594661**

Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: #103
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 004
Container Num: #104
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

CORTESE:
Name: B AND B TRANSMISSION
Address: 1299 SAN MATEO AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000002006
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: B AND B TRANSMISSION
Address: 1299 SAN MATEO AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 245397
CERS ID: T10000002006

TORRES TEXACO (Continued) **U001594661**

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Y227 **PODIUM AUTO CENTER** **RCRA NonGen / NLR** **1024874766**
SW **1299 SAN MATEO AVE** **CAL000463802**
1/8-1/4 **SAN BRUNO, CA 94066**
0.159 mi.
841 ft. **Site 2 of 30 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20190211
Handler Name: PODIUM AUTO CENTER
Handler Address: 1299 SAN MATEO AVE
Handler City,State,Zip: SAN BRUNO, CA 94066
EPA ID: CAL000443423
Contact Name: ALICE ASSIS
Contact Address: 1299 SAN MATEO AVE
Contact City,State,Zip: SAN BRUNO, CA 94066
Contact Telephone: 650-457-9596
Contact Fax: Not reported
Contact Email: CONTACT@PODIUMAUTOCENTERSB.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1299 SAN MATEO AVE
Mailing City,State,Zip: SAN BRUNO, CA 94066
Owner Name: RUI CARLOS DE SIQUEIRA FILHO
Owner Type: Other
Operator Name: ALICE ASSIS
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No

PODIUM AUTO CENTER (Continued) **1024874766**

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUI CARLOS DE SIQUEIRA FILHO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	218 SYLVAN AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	415-990-4937
Owner/Operator Telephone Ext:	Not reported

PODIUM AUTO CENTER (Continued) **1024874766**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALICE ASSIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1299 SAN MATEO AVE
Owner/Operator City,State,Zip: SAN BRUNO, CA 94066
Owner/Operator Telephone: 650-457-9596
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190211
Handler Name: PODIUM AUTO CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Date Form Received by Agency: 20210702
Handler Name: PODIUM AUTO CENTER
Handler Address: 1299 SAN MATEO AVE
Handler City,State,Zip: SAN BRUNO, CA 94066
EPA ID: CAL000463802
Contact Name: LOHAN CAETANO
Contact Address: 2557 ADMIRAL CIR
Contact City,State,Zip: HAYWARD, CA 94545
Contact Telephone: 650-863-3984
Contact Fax: Not reported
Contact Email: LOHAN@VCSLIMO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

PODIUM AUTO CENTER (Continued) **1024874766**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1299 SAN MATEO AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066
Owner Name:	VALCILEY CAETANO
Owner Type:	Other
Operator Name:	LOHAN CAETANO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

PODIUM AUTO CENTER (Continued) **1024874766**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210707
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VALCILEY CAETANO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10 HARNESS CIR
Owner/Operator City,State,Zip:	HAYWARD, CA 94134
Owner/Operator Telephone:	415-609-9116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LOHAN CAETANO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2557 ADMIRAL CIR
Owner/Operator City,State,Zip:	HAYWARD, CA 94545
Owner/Operator Telephone:	650-863-3984
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210702
Handler Name: PODIUM AUTO CENTER	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

PODIUM AUTO CENTER (Continued) **1024874766**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y228 **B & B TRANSMISSIONS** **CERS HAZ WASTE** **S113064130**
SW **1299 SAN MATEO AVE** **HAZNET** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **CERS**
0.159 mi. **HWTS**
841 ft. **Site 3 of 30 in cluster Y**

Relative:
Lower

Actual:
20 ft.

CERS HAZ WASTE:
Name: PODIUM AUTO CENTER LLC
Address: 1299 SAN MATEO AVE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 596011
CERS ID: 10876735
CERS Description: Hazardous Waste Generator

HAZNET:
Name: B & B TRANSMISSIONS
Address: 1299 SAN MATEO AVE
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940660000
Contact: DELAURA BRADLEY
Telephone: 6509527167
Mailing Name: Not reported
Mailing Address: 1299 SAN MATEO AVE

Year: 1999
Gepaid: CAL000112702
TSD EPA ID: CAL000161743
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station
Tons: 0.2418

Year: 1998
Gepaid: CAL000112702
TSD EPA ID: CAL000161743
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station
Tons: 0.688

Year: 1994
Gepaid: CAL000112702
TSD EPA ID: CAD083166728
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.1876

Additional Info:
Year: 1999
Gen EPA ID: CAL000112702

B & B TRANSMISSIONS (Continued) **S113064130**

Shipment Date:	19990915
Creation Date:	10/27/1999 0:00:00
Receipt Date:	19990916
Manifest ID:	98507788
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000161743
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2418
Waste Quantity:	58
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAL000112702

Shipment Date:	19981007
Creation Date:	12/17/1998 0:00:00
Receipt Date:	19981005
Manifest ID:	98002836
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000161743
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980120
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980120
Manifest ID:	96832434
Trans EPA ID:	CAD028277036

B & B TRANSMISSIONS (Continued) **S113064130**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000161743
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3127
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAL000112702
Shipment Date:	19941008
Creation Date:	10/18/1995 0:00:00
Receipt Date:	19941008
Manifest ID:	93642453
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD083166728
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	PODIUM AUTO CENTER LLC
Address:	1299 SAN MATEO AVE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	596011
CERS ID:	10876735
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	596011

B & B TRANSMISSIONS (Continued) **S113064130**

Site Name:	PODIUM AUTO CENTER LLC
Violation Date:	07-13-2021
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	OBSERVATION: Chemicals used and stored in tanks on site. REQUIRED ACTION: Complete the HMBP and submit a property owner notification to the property owner. Submit a copy for verification to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	596011
Site Name:	PODIUM AUTO CENTER LLC
Violation Date:	07-13-2021
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 09/23/2021. OBSERVATION: No record of employee training provided during the inspection. REQUIRED ACTION: Submit a record of HMBP training for all employees by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	596011
Site Name:	PODIUM AUTO CENTER LLC
Violation Date:	07-13-2021
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/02/2021. OBSERVATION: Facility is storing over 55 gallons of used oil on site. REQUIRED ACTION: Submit the HMBP (Hazardous Materials Business Plan) to Env. Health using one of the electronic portals by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	596011
Site Name:	PODIUM AUTO CENTER LLC
Violation Date:	07-13-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation

B & B TRANSMISSIONS (Continued) **S113064130**

	date.
Violation Notes:	Returned to compliance on 08/12/2021. OBSERVATION: The used-oil roll-around drains were missing a complete label. REQUIRED ACTION: Label each container with a hazardous waste label. Submit evidence of completion to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	596011
Site Name:	PODIUM AUTO CENTER LLC
Violation Date:	07-13-2021
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 08/02/2021. OBSERVATION: No emergency phone numbers and location of emergency equipment posted at the facility. REQUIRED ACTION: Fill out and post the emergency information (Emergency Procedures form) next to the phone. Template: https://www.smchealth.org/sites/main/files/file-attachments/emergency_ procedures.pdf Submit evidence of completion to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-13-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Contacts: info@podiumauto.center; owner: LOHAN CAETANO Initial inspection. Modified procedures used. Met with Wilton Nery.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-02-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed open hazardous waste violations: 1. Add name, address, physical state (liquid), and hazardous property (toxic) to used oil collection containers ("roll-arounds"). 2. Post location of emergency equipment (add to the current posting). 3. Submit a copy of the property owner notification to Env. Health 4. Conduct training with employees on HMBP topics (emergency response procedures) and hazardous waste. Send a record showing completed training for all employees to Env. Health. Please submit these corrections by 8/12/21. Completed / Corrected: HMBP package submitted online using the local portal. Assistance provided.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW

B & B TRANSMISSIONS (Continued) **S113064130**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-22-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Visited the site and spoke with Wilton. He said he would complete the training record and send it today 9/22/21 to close out the violation.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Contacts: info@podiumauto.center; Operator: LOHAN CAETANO Initial inspection. Modified procedures used. Met with Wilton Nery. Facility operations: Automotive repair Generator status: Undetermined, however facility has generated 500 gallons and 200 gallons of used oil in 2021. If the facility generates over 270 gallons of hazardous waste in a calendar month routinely, large quantity generator (LQG) requirements apply. This chart explains the requirements for a small quantity generator as compared with a large quantity generator of hazardous waste: https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/05/California-Generator-Chart.pdf Facility is utilizing one used oil tank. One used oil tank is outside and not in use. Facility has decommissioned this tank. Prior to scrapping a hazardous material tank, a certification form must be filled out by the listed professionals / contractors. This form also requires the tank to be properly cleaned for closure. The form required [Truncated]
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1299 SAN MATEO AVE
Affiliation City: SAN BRUNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94066
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: LOHAN CAETANO
Entity Title: OPERATIONS MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

B & B TRANSMISSIONS (Continued) **S113064130**

Affiliation Type Desc:	Legal Owner
Entity Name:	PODIUM AUTO CENTER LLC
Entity Title:	Not reported
Affiliation Address:	1299 SAN MATEO AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94066
Affiliation Phone:	(650) 457-9596,

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Environmental Contact
Entity Name:	LOHAN CAETANO
Entity Title:	Not reported
Affiliation Address:	1299 SAN MATEO AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,

Affiliation Type Desc:	Document Preparer
Entity Name:	LOHAN CAETANO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	WILTON NERY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 457-9596,

Affiliation Type Desc:	Parent Corporation
Entity Name:	PODIUM AUTO CENTER LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

B & B TRANSMISSIONS (Continued) **S113064130**

Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: B & B TRANSMISSIONS
Address: 1299 SAN MATEO AVE
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940660000
EPA ID: CAL000112702
Inactive Date: 06/30/2019
Create Date: 02/24/1994
Last Act Date: 12/16/2019
Mailing Name: Not reported
Mailing Address: 1299 SAN MATEO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN BRUNO, CA 94066
Owner Name: DELAURA BRADLEY
Owner Address: 7073 MISSION STREET
Owner Address 2: Not reported
Owner City,State,Zip: DALY CITY, CA 940140000
Contact Name: DELAURA BRADLEY
Contact Address: 1299 SAN MATEO AVE
Contact Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 94066

NAICS:
EPA ID: CAL000112702
Create Date: 2002-03-14 16:36:28.000
NAICS Code: 3329
NAICS Description: Other Fabricated Metal Product Manufacturing
Issued EPA ID Date: 1994-02-24 00:00:00
Inactive Date: 2019-06-30 00:00:00
Facility Name: B & B TRANSMISSIONS
Facility Address: 1299 SAN MATEO AVE
Facility Address 2: Not reported
Facility City: SAN BRUNO
Facility County: Not reported
Facility State: CA
Facility Zip: 940660000

EPA ID: CAL000112702
Create Date: 2014-07-23 08:28:17.310
NAICS Code: 811113
NAICS Description: Automotive Transmission Repair
Issued EPA ID Date: 1994-02-24 00:00:00
Inactive Date: 2019-06-30 00:00:00
Facility Name: B & B TRANSMISSIONS
Facility Address: 1299 SAN MATEO AVE
Facility Address 2: Not reported
Facility City: SAN BRUNO
Facility County: Not reported
Facility State: CA
Facility Zip: 940660000

Y229 **B & B TRANSMISSIONS** **San Mateo Co. BI** **S117976034**
SW **1299 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.159 mi.
841 ft. **Site 4 of 30 in cluster Y**

Relative: San Mateo Co. BI:
Lower

Name:	B & B TRANSMISSIONS
Address:	1299 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0011133
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0012233
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Actual:
20 ft.

Name:	B & B TRANSMISSIONS
Address:	1299 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0011133
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043547
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	B & B TRANSMISSIONS
Address:	1299 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0011133
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0005017
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Y230 **PODIUM AUTO CENTER** **San Mateo Co. BI** **S123482732**
SW **1299 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.159 mi.
841 ft. **Site 5 of 30 in cluster Y**

Relative: San Mateo Co. BI:
Lower

Name:	PODIUM AUTO CENTER
Address:	1299 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0065681
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0088668
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Actual:
20 ft.

Name:	PODIUM AUTO CENTER
Address:	1299 SAN MATEO

PODIUM AUTO CENTER (Continued) **S123482732**

City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0065681
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0088669
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Y231 **B & B TRANSMISSIONS** **RCRA NonGen / NLR** **1024791832**
SW **1299 SAN MATEO AVE** **CAL000112702**
1/8-1/4 **SAN BRUNO, CA 94066**
0.159 mi.
841 ft. **Site 6 of 30 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19940224
Handler Name:	B & B TRANSMISSIONS	
Handler Address:		1299 SAN MATEO AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066-0000
EPA ID:		CAL000112702
Contact Name:		DELAURA BRADLEY
Contact Address:		1299 SAN MATEO AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		650-952-7167
Contact Fax:		650-952-0846
Contact Email:		TRANSMISSIONS7073@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1299 SAN MATEO AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066
Owner Name:		DELAURA BRADLEY
Owner Type:		Other
Operator Name:		DELAURA BRADLEY
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

B & B TRANSMISSIONS (Continued) **1024791832**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DELAURA BRADLEY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1299 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066-1528
Owner/Operator Telephone:	650-952-7167
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DELAURA BRADLEY

B & B TRANSMISSIONS (Continued) **1024791832**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1299 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-952-7167
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19940224
Handler Name: B & B TRANSMISSIONS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	3329
NAICS Description:	OTHER FABRICATED METAL PRODUCT MANUFACTURING
NAICS Code:	811113
NAICS Description:	AUTOMOTIVE TRANSMISSION REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

Z232 **ETON BIOSCIENCE** **San Mateo Co. BI** **S121307715**
North **130 PRODUCE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.160 mi.
847 ft. **Site 1 of 3 in cluster Z**

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:

Name:	ETON BIOSCIENCE
Address:	130 PRODUCE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0063082
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0086006
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

ETON BIOSCIENCE (Continued) **S121307715**

Name:	ETON BIOSCIENCE
Address:	130 PRODUCE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0063082
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0086007
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Z233 **ETOMBIO INC DBA ETON BIOSCIENCE INC** **RCRA NonGen / NLR** **1025870645**
North **130 PRODUCE AVE STE G** **CAL000428142**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.160 mi.
847 ft. **Site 2 of 3 in cluster Z**

Relative: **Higher**

Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20170606
Handler Name:	ETOMBIO INC DBA ETON BIOSCIENCE INC
Handler Address:	130 PRODUCE AVE STE G
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000428142
Contact Name:	TONY CHEN
Contact Address:	5820 OBERLIN DR STE 108
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-558-1630
Contact Fax:	800-507-2912
Contact Email:	TONY@ETONBIO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5820 OBERLIN DR STE 108
Mailing City,State,Zip:	SAN DIEGO, CA 92121-3743
Owner Name:	ETON BIOSCIENCE INC
Owner Type:	Other
Operator Name:	TONY CHEN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No

ETOMBIO INC DBA ETON BIOSCIENCE INC (Continued) **1025870645**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ETON BIOSCIENCE INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5820 OBERLIN DR STE 108
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121-3743
Owner/Operator Telephone:	858-558-1630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ETOMBIO INC DBA ETON BIOSCIENCE INC (Continued) **1025870645**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TONY CHEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5820 OBERLIN DR STE 108
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-558-1630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20170606
Handler Name:	ETOMBIO INC DBA ETON BIOSCIENCE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

Z234 **ETON BIOSCIENCE, INC (SAN FRANCISCO)** **CERS HAZ WASTE** **S121781292**
North **130 PRODUCE AVE** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.160 mi.
847 ft. **Site 3 of 3 in cluster Z**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:

Name:	ETON BIOSCIENCE, INC (SAN FRANCISCO)
Address:	130 PRODUCE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	422762
CERS ID:	10735357
CERS Description:	Hazardous Waste Generator

CERS:

Name:	ETON BIOSCIENCE, INC (SAN FRANCISCO)
Address:	130 PRODUCE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

ETON BIOSCIENCE, INC (SAN FRANCISCO) (Continued) **S121781292**

Site ID: 422762
CERS ID: 10735357
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 422762
Site Name: ETON BIOSCIENCE, INC (SAN FRANCISCO)
Violation Date: 12-01-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 12/18/2017. Add 55 gallon hazardous waste mixed solvent barrel on inventory and maps.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 422762
Site Name: ETON BIOSCIENCE, INC (SAN FRANCISCO)
Violation Date: 12-10-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 05/07/2020. The latest Hazardous Materials Business Plan (HMBP) was submitted on 3/29/2018 via CERS. Facility needs to submit a HMBP within 30 days. HMBP needs to be submitted on an annual basis. The facility s Environmental Contact, primary emergency contact individuals are no longer at this location. Update the contact persons in the HMBP within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 422762
Site Name: ETON BIOSCIENCE, INC (SAN FRANCISCO)
Violation Date: 12-10-2019
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler’s operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 05/07/2020. Facility has 4 liquid nitrogen dewars not one as repoprted in CERS
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 422762
Site Name: ETON BIOSCIENCE, INC (SAN FRANCISCO)
Violation Date: 12-01-2017

ETON BIOSCIENCE, INC (SAN FRANCISCO) (Continued) **S121781292**

Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 12/19/2017. Add hazardous waste labels to the 55 gallon drum and the solvent waste containers.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	422762
Site Name:	ETON BIOSCIENCE, INC (SAN FRANCISCO)
Violation Date:	12-01-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 12/18/2017. Include changes to the maps as indicated in the CERS submittal. Add hazardous waste to maps and location of liquid nitrogen to the maps.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	422762
Site Name:	ETON BIOSCIENCE, INC (SAN FRANCISCO)
Violation Date:	12-10-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 05/07/2020. Facility needs to update the facility map to reflect the liquid nitrogen storage location within 30 days
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	422762
Site Name:	ETON BIOSCIENCE, INC (SAN FRANCISCO)
Violation Date:	12-10-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/07/2020. There are four 5 gallon satellite units storing hazardous waste. None of the label in these 5 gallon containers had accumulation start date marked on the hazardous waste labels. Mark the accumulation start dates on these 4 containers ASAP but within 30 days. These labels also look dated, facility may want to replace these labels.

ETON BIOSCIENCE, INC (SAN FRANCISCO) (Continued) **S121781292**

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 422762
Site Name: ETON BIOSCIENCE, INC (SAN FRANCISCO)
Violation Date: 12-10-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 05/07/2020. During the 2017 inspection, the inspector requested the 55 gallon storing hazardous waste be included in the chemical inventory. This hazardous waste drum is still not reported in the chemical inventory. Facility does not have 55 gallon drum of acetonitrile or 55 gallon drum of methylene chloride. Remove these two chemicals from the inventory. Facility has four dewars of liquid nitrogen, facility only reported as having only one. Facility need to increase the maximum storage quantity to 244 gallons. Update the HMBP within 30 days. Facility stated they may reduce the dewars to 3 units.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: REJECTED HMBP PLAN, STILL NEED ER PLAN AND CONTINGENCY.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-09-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-17-2020
Violations Found: No

ETON BIOSCIENCE, INC (SAN FRANCISCO) (Continued) **S121781292**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-10-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: contacts looked up and updated in ec and spreadsheet
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-01-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP submitted on 3/29/2018 via CERS.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-16-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-01-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-09-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

ETON BIOSCIENCE, INC (SAN FRANCISCO) (Continued) **S121781292**

Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-10-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: waste flammable liquid in a 55 gallon drum. There was no pick up in 2017 or 2018. Waste was picked up on11/11/2019. Facility will be moving operations to 100 Produce Ave.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	422762
Facility Name:	ETON BIOSCIENCE, INC (SAN FRANCISCO)
Env Int Type Code:	HMBP
Program ID:	10735357
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.648810
Longitude:	-122.407500

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	130 Produce Avenue Suite G
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ETON BIOSCIENCE, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Document Preparer

ETON BIOSCIENCE, INC (SAN FRANCISCO) (Continued) **S121781292**

Entity Name:	Hebah Battikhi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Hebah Battikhi
Entity Title:	Branch Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Tony Chen
Entity Title:	Not reported
Affiliation Address:	5820 Oberlin Drive Suite 108
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92121
Affiliation Phone:	(858) 717-0335,
Affiliation Type Desc:	Operator
Entity Name:	Hebah Battikhi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(858) 405-9379,
Affiliation Type Desc:	Property Owner
Entity Name:	PS Business Parks
Entity Title:	Not reported
Affiliation Address:	100 Produce Ave
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 489-2860,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Hebah Battikhi
Entity Title:	Not reported
Affiliation Address:	130 Produce Ave
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080

ETON BIOSCIENCE, INC (SAN FRANCISCO) (Continued) **S121781292**

Affiliation Phone: ,

HWTS:

Name:	ETONBIO INC DBA ETON BIOSCIENCE INC
Address:	130 PRODUCE AVE STE G
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000428142
Inactive Date:	Not reported
Create Date:	06/06/2017
Last Act Date:	07/10/2020
Mailing Name:	Not reported
Mailing Address:	10179 HUENNEKENS ST
Mailing Address 2:	STE 201
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	ETON BIOSCIENCE INC
Owner Address:	10179 HUENNEKENS ST
Owner Address 2:	STE 201
Owner City,State,Zip:	SAN DIEGO, CA 921213743
Contact Name:	TONY CHEN
Contact Address:	10179 HUENNEKENS ST
Contact Address 2:	SUITE 201
City,State,Zip:	SAN DIEGO, CA 92121

NAICS:

EPA ID:	CAL000428142
Create Date:	2017-06-06 15:10:33.853
NAICS Code:	541711
NAICS Description:	Research and Dev in Biotechnology
Issued EPA ID Date:	2017-06-06 15:10:33.81700
Inactive Date:	Not reported
Facility Name:	ETONBIO INC DBA ETON BIOSCIENCE INC
Facility Address:	130 PRODUCE AVE STE G
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

AA235 **GENERAL RENT A CAR STORAGE LOT** **LUST** **U001594773**
ESE **410 S AIRPORT BLVD** **HIST UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.161 mi.
849 ft. **Site 1 of 12 in cluster AA**

Relative:
Lower

Actual:
17 ft.

SAN MATEO CO. LUST:

Name:	RPM RENT-A-CAR
Address:	410 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550058
Facility Status:	9- Case Closed
Global ID:	T0608100431
APN Number:	015141150
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

GENERAL RENT A CAR STORAGE LOT (Continued) **U001594773**

HIST UST:

Name:	GENERAL RENT A CAR STORAGE LOT
Address:	410 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000053501
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	MIKE JOHNSON
Telephone:	4159524896
Owner Name:	WILLIAM D. FORSYTH AND JAMES M
Owner Address:	3607 SURFWOOD ROAD
Owner City,St,Zip:	MALIBU, CA 90265
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

AA236 **RPM RENT A CAR** **SWEEPS UST** **S104494148**
ESE **410 S AIRPORT BLVD** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.161 mi.
849 ft. **Site 2 of 12 in cluster AA**

Relative: **Lower**

Actual: **17 ft.**

SWEEPS UST:

Name:	RPM RENT A CAR
Address:	410 S AIRPORT BLVD
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	5161
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

AA237
ESE
1/8-1/4
0.161 mi.
849 ft.

Relative:
Lower

Actual:
17 ft.

RPM RENT-A-CAR
410 AIRPORT
S SAN FRANCISCO, CA 94080

Site 3 of 12 in cluster AA

LUST **S101593753**
HIST UST **N/A**
CA FID UST
San Mateo Co. BI
Cortese
HIST CORTESE
CERS

LUST:

Name:	RPM RENT-A-CAR
Address:	410 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100431
Global Id:	T0608100431
Latitude:	37.6427946
Longitude:	-122.4035054
Status:	Completed - Case Closed
Status Date:	10/25/1995
Case Worker:	JM
RB Case Number:	41-0455
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550058
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0608100431
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100431
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100431
Action Type:	Other
Date:	10/16/1989
Action:	Leak Discovery

Global Id:	T0608100431
Action Type:	ENFORCEMENT
Date:	10/12/1989
Action:	Notice of Responsibility - #1

RPM RENT-A-CAR (Continued) **S101593753**

Global Id: T0608100431
Action Type: Other
Date: 10/16/1989
Action: Leak Reported

Global Id: T0608100431
Action Type: REMEDIATION
Date: 12/09/1991
Action: Excavation

LUST:
Global Id: T0608100431
Status: Open - Case Begin Date
Status Date: 10/12/1989

Global Id: T0608100431
Status: Completed - Case Closed
Status Date: 10/25/1995

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550058
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST UST:
Name: GENERAL RENT A CAR STORAGE LOT
Address: 410 SO AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002C460
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C460.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported

RPM RENT-A-CAR (Continued) **S101593753**

Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 41000432
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 410 S AIRPORT BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SO. SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

San Mateo Co. BI:
Name: RPM RENT A CAR
Address: 410 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0005195
Prog Element Code: UGT SERVICES/HR
Record Id: PR0022018
Description: UGT SERVICES PER HOUR RATE
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

CORTESE:
Name: RPM RENT-A-CAR
Address: 410 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100431
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported

RPM RENT-A-CAR (Continued) **S101593753**

Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	RPM RENT A CAR
edr_fadd1:	410 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0455

CERS:

Name:	RPM RENT-A-CAR
Address:	410 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	234801
CERS ID:	T0608100431
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

W238 **GENERAL RENT-A-CAR** **LUST** **S103064853**
SE **124 BEACON** **Cortese** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.163 mi. **CERS**
863 ft. **Site 11 of 16 in cluster W**

Relative: **Lower**

Actual: **18 ft.**

SAN MATEO CO. LUST:

Name:	GENERAL RENT-A-CAR
Address:	124 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550084
Facility Status:	9- Case Closed
Global ID:	T0608100401
APN Number:	Not reported
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	GENERAL RENT-A-CAR
Address:	124 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100401
Global Id:	T0608100401
Latitude:	37.6396915
Longitude:	-122.4029026
Status:	Completed - Case Closed
Status Date:	03/19/1998
Case Worker:	JM
RB Case Number:	41-0422
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550084
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100401
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100401
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

GENERAL RENT-A-CAR (Continued) **S103064853**

LUST:
Global Id: T0608100401
Action Type: Other
Date: 04/19/1991
Action: Leak Discovery

Global Id: T0608100401
Action Type: ENFORCEMENT
Date: 08/21/1991
Action: Notice of Responsibility - #1

Global Id: T0608100401
Action Type: Other
Date: 05/10/1991
Action: Leak Reported

LUST:
Global Id: T0608100401
Status: Open - Case Begin Date
Status Date: 10/01/1985

Global Id: T0608100401
Status: Completed - Case Closed
Status Date: 03/19/1998

CORTESE:
Name: GENERAL RENT-A-CAR
Address: 124 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100401
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: GERNERAL RENT A CAR
edr_fadd1: 124 BEACON

GENERAL RENT-A-CAR (Continued) **S103064853**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0422

CERS:
Name: GENERAL RENT-A-CAR
Address: 124 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 227166
CERS ID: T0608100401
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

W239 **GENERAL RENT-A-CAR** **SWEEPS UST** **S104494158**
SE **124 BEACON ST** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.163 mi.
863 ft. **Site 12 of 16 in cluster W**

Relative: **Lower**
Actual: **18 ft.**

SWEEPS UST:
Name: GENERAL RENT-A-CAR
Address: 124 BEACON ST
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550063
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550063-000001
Tank Status: Not reported
Capacity: 400
Active Date: Not reported

GENERAL RENT-A-CAR (Continued) **S104494158**

Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 2

Name: GENERAL RENT-A-CAR
Address: 124 BEACON ST
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550063
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550063-000002
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

W240 **GENERAL RENT A CAR** **LUST** **S102430753**
SE **124 BEACON** **San Mateo Co. BI** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.163 mi.
863 ft. **Site 13 of 16 in cluster W**

Relative: **Lower**
Actual: **18 ft.**

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550084
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: GENERAL RENT A CAR
Address: 124 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011182
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022611
Description: UNDERGROUND TANK - GENERAL

GENERAL RENT A CAR (Continued) **S102430753**

Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

W241 **VALUE RENT-A-CAR** **HIST UST** **U001594860**
SE **124 BEACON STREET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.163 mi.
863 ft. **Site 14 of 16 in cluster W**

Relative: **Lower**
Actual: **18 ft.**

HIST UST:

Name:	VALUE RENT-A-CAR
Address:	124 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C431
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C431.pdf
Region:	STATE
Facility ID:	00000009044
Facility Type:	Other
Other Type:	CAR RENTAL
Contact Name:	PETER KIRSCHNER
Telephone:	4158770717
Owner Name:	VALUE RENT-A-CAR F/K/A GREYHOU
Owner Address:	1100 S. FEDERAL HIGHWAY
Owner City,St,Zip:	DEERFIELD BCH, FL 33441
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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W242 **MOHAMMED MALEK** **RCRA NonGen / NLR** **1024754115**
SE **147 BEACON ST** **CAC002973930**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.170 mi.
896 ft. **Site 15 of 16 in cluster W**

Relative: **Lower**
Actual: **17 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20180802
Handler Name:	MOHAMMED MALEK	
Handler Address:		147 BEACON ST
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAC002973930
Contact Name:		MOHAMMED MALEK
Contact Address:		147 BEACON ST
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-655-6562
Contact Fax:		Not reported
Contact Email:		LILIAN.RAMOS@SYNERGYCOMPANIES.ORG
Contact Title:		Not reported

MOHAMMED MALEK (Continued) **1024754115**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	147 BEACON ST
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	MOHAMMED MALEK
Owner Type:	Other
Operator Name:	MOHAMMED MALEK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

MOHAMMED MALEK (Continued) **1024754115**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MOHAMMED MALEK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	147 BEACON ST
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-655-6562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MOHAMMED MALEK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	147 BEACON ST
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-655-6562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180802
Handler Name: MOHAMMED MALEK	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299

MOHAMMED MALEK (Continued) **1024754115**

NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

W243 **MOHAMED MALEK** **RCRA NonGen / NLR** **1024749813**
SE **147 BEACON ST** **CAC002969601**
1/8-1/4 **S SAN FRAN, CA 94080**
0.170 mi.
896 ft. **Site 16 of 16 in cluster W**

Relative: RCRA NonGen / NLR:
Lower

Actual:
17 ft.

Date Form Received by Agency:		20180705
Handler Name:	MOHAMED MALEK	
Handler Address:		147 BEACON ST
Handler City,State,Zip:		S SAN FRAN, CA 94080
EPA ID:		CAC002969601
Contact Name:		MOHAMED MALEK
Contact Address:		147 BEACON ST
Contact City,State,Zip:		S SAN FRAN, CA 94080
Contact Telephone:		415-860-4322
Contact Fax:		Not reported
Contact Email:		LILIAN.RAMOS@SYNERGYCOMPANIES.ORG
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		147 BEACON ST
Mailing City,State,Zip:		S SAN FRAN, CA 94080
Owner Name:		MOHAMED MALEK
Owner Type:		Other
Operator Name:		MOHAMED MALEK
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

MOHAMED MALEK (Continued) **1024749813**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MOHAMED MALEK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	147 BEACON ST
Owner/Operator City,State,Zip:	S SAN FRAN, CA 94080
Owner/Operator Telephone:	415-860-4322
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

MOHAMED MALEK (Continued) **1024749813**

Owner/Operator Name:	MOHAMED MALEK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	147 BEACON ST
Owner/Operator City,State,Zip:	S SAN FRAN, CA 94080
Owner/Operator Telephone:	415-860-4322
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180705
Handler Name: MOHAMED MALEK	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AB244 **COLOR CRAFT** **LUST** **S102428219**
NE **255 AIRPORT** **Cortese** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.171 mi. **CERS**
905 ft. **Site 1 of 2 in cluster AB**

Relative: **Higher**
Actual: **23 ft.**

LUST:

Name:	COLOR CRAFT
Address:	255 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100411
Global Id:	T0608100411
Latitude:	37.655292
Longitude:	-122.407666
Status:	Completed - Case Closed
Status Date:	01/02/2001
Case Worker:	JM
RB Case Number:	41-0432

COLOR CRAFT (Continued) **S102428219**

Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550045
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100411
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100411
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100411
Action Type: Other
Date: 07/15/1991
Action: Leak Discovery

Global Id: T0608100411
Action Type: ENFORCEMENT
Date: 02/28/1989
Action: Notice of Responsibility - #1

Global Id: T0608100411
Action Type: Other
Date: 02/23/1989
Action: Leak Reported

Global Id: T0608100411
Action Type: REMEDIATION
Date: 08/21/1989
Action: Pump & Treat (P&T) Groundwater

LUST:
Global Id: T0608100411
Status: Open - Case Begin Date
Status Date: 02/23/1989

Global Id: T0608100411
Status: Completed - Case Closed
Status Date: 01/02/2001

COLOR CRAFT (Continued) **S102428219**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550045
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CORTESE:

Name:	COLOR CRAFT
Address:	255 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100411
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	COLOR CRAFT
edr_fadd1:	255 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0432

CERS:

Name:	COLOR CRAFT
Address:	255 SOUTH AIRPORT BOULEVARD

COLOR CRAFT (Continued) **S102428219**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 253940
CERS ID: T0608100411
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

AB245 **COLOR CRAFT** **LUST** **S105073392**
NE **255 S AIRPORT BLVD** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA**
0.171 mi.
905 ft. **Site 2 of 2 in cluster AB**

Relative: **Higher**
Actual: **23 ft.**

SAN MATEO CO. LUST:
Name: COLOR CRAFT
Address: 255 S AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550045
Facility Status: 9- Case Closed
Global ID: T0608100411
APN Number: 015124160
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

Y246 **LC AUTO ELECTRIC** **San Mateo Co. BI** **S106203512**
SW **161 TANFORAN CENTER** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.171 mi.
905 ft. **Site 7 of 30 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:
Name: LC AUTO ELECTRIC
Address: 161 TANFORAN CENTER
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0022533

LC AUTO ELECTRIC (Continued) **S106203512**

Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043494
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: LC AUTO ELECTRIC
Address: 161 TANFORAN CENTER
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0022533
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024772
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: LC AUTO ELECTRIC
Address: 161 TANFORAN CENTER
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0022533
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0024773
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: LC AUTO ELECTRIC MECHANIC
Address: 161 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0037630
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0054390
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: LC AUTO ELECTRIC MECHANIC
Address: 161 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0037630
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0054388
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: LC AUTO ELECTRIC MECHANIC
Address: 161 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0037630
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0054389

LC AUTO ELECTRIC (Continued) **S106203512**

Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: LC AUTO ELECTRIC MECHANIC
Address: 161 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0040220
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0056251
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: LC AUTO ELECTRIC MECHANIC
Address: 161 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0040220
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0056252
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: LC AUTO ELECTRIC MECHANIC
Address: 161 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0040220
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0056253
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: LEGACY AUTO TECH
Address: 161 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0046058
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0061783
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: LEGACY AUTO TECH
Address: 161 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0046058
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0061781
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable

LC AUTO ELECTRIC (Continued) **S106203512**

Program Category: BUSINESS PLAN PROGRAM

Name: LEGACY AUTO TECH
Address: 161 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0046058
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0061782
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Y247 **LEGACY AUTO TECH** **CERS HAZ WASTE** **S121742449**
SW **161 TANFORAN AVE** **CERS** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **HWTS**
0.172 mi.
906 ft. **Site 8 of 30 in cluster Y**

Relative:
Lower

Actual:
20 ft.

CERS HAZ WASTE:
Name: LEGACY AUTO TECH
Address: 161 TANFORAN AVE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 130192
CERS ID: 10070911
CERS Description: Hazardous Waste Generator

CERS:
Name: LEGACY AUTO TECH
Address: 161 TANFORAN AVE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 130192
CERS ID: 10070911
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 130192
Site Name: LEGACY AUTO TECH
Violation Date: 09-10-2014
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 09/10/2014. Some manifests not available. Operator will produce manifests in 10 days. Operator faxxed documents the day after the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 130192
Site Name: LEGACY AUTO TECH
Violation Date: 09-10-2014
Citation: 22 CCR 23 66273.32(b) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.32(b)
Violation Description: Failure of the universal waste handler, prior to storing 5,000 kg or more of nonRCRA universal waste, to obtain an ID number from the Department.

LEGACY AUTO TECH (Continued) **S121742449**

Violation Notes:	Facility appears to have inactive EPA ID #. Operator indicated that last updated in October 2013 and AES agreed to pickup. HWTS indicates the number is inactive.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	04-16-2021
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	OBSERVATION: E-Verification questionnaire last submitted for year 2017 by the accountant (found by calling DTSC phone line) Oscar plans to contact the accountant to have this resubmitted. Profile: https://hwts.dtsc.ca.gov/facility/CAL000410887 REQUIRED ACTION: Submit EVQ to reactivate EPA ID at https://evq.dtsc.ca.gov/Home.aspx by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	09-10-2014
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 03/02/2015. Facility needs to submit HMBP online.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	04-16-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	OBSERVED: Paper filters are marked with an accumulation start date 5/1/18. They have exceeded accumulation time limits. REQUIRED ACTION: Have paper filters properly removed from the site by the comply by date. Note metal filters are due for pickup on 5/11/21. Note: If generating less than 27 gallons of waste in a calendar month, the

LEGACY AUTO TECH (Continued) **S121742449**

	county VSQG drop off may be used. Consult with your waste hauler to determine the best option for the business that will allow the facility to stay within the accumulation time limit. For example keeping only one drum of mixed HAZARDOUS WASTE filters which is managed at the point of generation called "satellite accumulation" allows the generator to store it up to 365 days maximum.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	09-10-2014
Citation:	40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171
Violation Description:	Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes:	Returned to compliance on 09/10/2014. Secondary containment was cleaned out during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	09-27-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 05/07/2018. Please submit your annual certification via the Environmental Health Portal no later that OCTOBER 30, 2016 -mj
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	04-16-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVED: The label on the drums of used oil (2) and used oil drain (1 mobile container) have been worn off. The main label is located on the wall. REQUIRED ACTION: Label each container of used oil with the required labeling elements. Submit evidence of completion to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

LEGACY AUTO TECH (Continued) **S121742449**

Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	04-16-2021
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 04/16/2021. OBSERVED: Emergency procedures posting could not be located during the inspection. The template was printed, filled out, and posted during the inspection. Corrected. No required action.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	10-02-2018
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 10/02/2018. OBSERVATION: Some oil has been spilled on the shop floor near the drums of hazardous waste. During the inspection, the employee used a shop rag to wipe up the spilled oil. CORRECTIVE ACTION: Continue to ensure that any spills are properly managed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	04-09-2015
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Returned to compliance on 10/02/2015. No EPA ID #. NOV sent 9-8-2015.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	09-10-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

LEGACY AUTO TECH (Continued) **S121742449**

Violation Notes:	Returned to compliance on 09/23/2015. No accumulation start date on used coolant drum. NOV sent 9-8-2015. "9/11/15 NOV sent"
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	09-10-2014
Citation:	22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description:	Failure to maintain at the facility a copy of the contingency plan and all its revisions and to submit a copy to the local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes:	Returned to compliance on 09/11/2014. Not available onsite. When complete, HMBP will be maintained in office onsite. I dropped off the latest from our files.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	09-10-2014
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 09/12/2014. Two used oil containers open; one cap found and container closed during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	09-27-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 05/11/2018. There is currently only one employee. Provide training and keep records.-mj Submit training records via email and keep a copy onsite within 30 days-mj
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	09-27-2016
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22

LEGACY AUTO TECH (Continued) **S121742449**

Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 05/14/2018. The owner had indicated that the hauler hasn't contacted him as to when the filters will be picked up. At the time of inspection it was observed that the used oil filters were more than 3 months overdue for a pick up. -mj Going forward it is required that you separate your metal oil filters from your paper oil filters and store them separately in approved containers.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	10-02-2018
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 10/02/2018. OBSERVATION: Emergency information is not posted next to the telephone. During the inspection, the provided template was completed and posted at the facility. CORRECTIVE ACTION: Continue to post all required emergency information next to the telephone.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Violation Date:	10-02-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/02/2018. OBSERVATION: The partially full 55 gallon drums of used oil, waste anti-freeze, and oily solids had illegible labels on them. During the inspection, labels were provided, filled out, and affixed to these drums. CORRECTIVE ACTION: Continue to ensure that containers of hazardous waste are properly labeled.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-27-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

LEGACY AUTO TECH (Continued) **S121742449**

Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-16-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Modified inspection procedures used. Waste pickup: 2x55 gallon drums of used oil. 3-4 times per year. 3/25/21 110 gal. 11/23/20 125 gal. 7/23/20 115 gal. 3/4/20 140 gal. 1x55 gallon drum of waste antifreeze: 2 time per year. 3/25/21 50 gal. 7/23/20 55 gal. 1x55 gallon drum of used oil filters (metal) 1 per year. 5/11/20 1 drum. 1x55 gallon drum of hazardous waste oil filters (paper) <1 per year. No record. Facility states lead acid batteries are not typically generated.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-07-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP reviewed and submitted during the inspection, however the ownership has been transfered to Oscar Vasquez. Employee training not yet completed. A template was provided during the inspection. Oscar to cmoplet this by Thursday. The hazardous waste violation for used oil filters was also discussed and a pick-up is scheduled on or before Thursday depending on the waste haulers availability. No signature obtained during the inspection, however all items were reviewed with Oscar.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-05-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-09-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-10-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

LEGACY AUTO TECH (Continued) **S121742449**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-29-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	manifest sent w inactive EPAID# and no signature - research
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-01-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	following up on AES hauling used coolant from facility w/o EPAID#
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-23-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-02-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous materials inspection. The following is on site: Two 55 gallon drums of used oil. One 55 gallon drum of used coolant.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-02-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous waste inspection. The following were picked up: 110 gallons of used oil on 8-21-18. 110 gallons of used oil 6-4-18. 55 gallons of used antifreeze 2-6-18. One 55 gallon drum of drained used oil filters on 6-14-18.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-04-2014
Violations Found:	No

LEGACY AUTO TECH (Continued) **S121742449**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	talked to mgr - expect to finish this wk
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-09-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-23-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-27-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Owner/operator generates approximately 1 drum (55 gallons) per year, about 2 drums (110 gallons), used oil filters (paper & metal) once a year and every three months and batteries and light bulbs as needed. NOTE: Paper and Metal Oil Filters were NOT separated at the time of inspection
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-30-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	research waste coolant pickup wo EPA ID #; legal for AES?
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-09-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-14-2015

LEGACY AUTO TECH (Continued) **S121742449**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	no EPA ID # communicated
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-10-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-27-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Observed 2 (55 gallon drums) of used Oil Observed 1 (55 gallon drum) of waste coolant Observed 1 (55 gallon drum) of metal & paper oil filters
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Enforcement Action:

Site ID:	130192
Site Name:	LEGACY AUTO TECH
Site Address:	161 TANFORAN AVE
Site City:	SAN BRUNO
Site Zip:	94066
Enf Action Date:	12-22-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	7/3/15 ID still inactive and no record of labeling correction.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Site Address:	161 TANFORAN AVE
Site City:	SAN BRUNO
Site Zip:	94066
Enf Action Date:	12-22-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	7/3/15 ID still inactive and no record of labeling correction.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,
Site ID:	130192
Site Name:	LEGACY AUTO TECH
Site Address:	161 TANFORAN AVE

LEGACY AUTO TECH (Continued) **S121742449**

Site City: SAN BRUNO
Site Zip: 94066
Enf Action Date: 04-09-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 130192
Site Name: LEGACY AUTO TECH
Site Address: 161 TANFORAN AVE
Site City: SAN BRUNO
Site Zip: 94066
Enf Action Date: 09-11-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 130192
Site Name: LEGACY AUTO TECH
Site Address: 161 TANFORAN AVE
Site City: SAN BRUNO
Site Zip: 94066
Enf Action Date: 09-10-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 130192
Site Name: LEGACY AUTO TECH
Site Address: 161 TANFORAN AVE
Site City: SAN BRUNO
Site Zip: 94066
Enf Action Date: 09-10-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 130192
Facility Name: LEGACY AUTO TECH
Env Int Type Code: HWG
Program ID: 10070911
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.640797

LEGACY AUTO TECH (Continued) **S121742449**

Longitude: -122.412071

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: Oscar Vasquez
Entity Title: Not reported
Affiliation Address: 161 Tanforan Avenue
Affiliation City: San Bruno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94066
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Oscar Vasquez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 669-1085,

Affiliation Type Desc: Parent Corporation
Entity Name: LC AUTO ELECTRIC MECHANIC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Oscar Vasquez
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Oscar Vasquez
Entity Title: Not reported
Affiliation Address: Not reported

LEGACY AUTO TECH (Continued) **S121742449**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 161 TANFORAN AVE
Affiliation City: SAN BRUNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94066
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: RODGRIGUEZ, RAFAEL
Entity Title: Not reported
Affiliation Address: 161 TANFORAN
Affiliation City: SAN BRUNO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94066
Affiliation Phone: (650) 669-1085,

HWTS:
Name: LEGACY AUTO TECH
Address: 161 TANFORAN AVE
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940661543
EPA ID: CAL000353227
Inactive Date: 06/30/2013
Create Date: 06/09/2010
Last Act Date: 03/26/2014
Mailing Name: Not reported
Mailing Address: 161 TANFORAN AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN BRUNO, CA 940661543
Owner Name: RAFAEL RODRIGUEZ
Owner Address: 161 TANFORAN AVE
Owner Address 2: Not reported
Owner City,State,Zip: SAN BRUNO, CA 940661543
Contact Name: OSCAR VASQUEZ
Contact Address: 161 TANFORAN AVE
Contact Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940661543

NAICS:
EPA ID: CAL000353227
Create Date: 2010-06-09 16:42:22.097
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2010-06-09 16:42:22.09700
Inactive Date: 2013-06-30 00:00:00
Facility Name: LEGACY AUTO TECH

LEGACY AUTO TECH (Continued) **S121742449**

Facility Address:	161 TANFORAN AVE
Facility Address 2:	Not reported
Facility City:	SAN BRUNO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940661543

Y248 **OSCAR M VASQUEZ LEGACY AUTO TECH** **RCRA NonGen / NLR** **1024852005**
SW **161 TANFORAN AVE** **CAL000410887**
1/8-1/4 **SAN BRUNO, CA 94066**
0.172 mi.
906 ft. **Site 9 of 30 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20151002
Handler Name:	OSCAR M VASQUEZ LEGACY AUTO TECH
Handler Address:	161 TANFORAN AVE
Handler City,State,Zip:	SAN BRUNO, CA 94066-1543
EPA ID:	CAL000410887
Contact Name:	OSCAR M VASQUEZ
Contact Address:	161 TANFORAN AVE
Contact City,State,Zip:	SAN BRUNO, CA 94066
Contact Telephone:	650-669-1085
Contact Fax:	Not reported
Contact Email:	IMIRANDA@AYUDAFINANCIAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	161 TANFORAN AVENUE
Mailing City,State,Zip:	SAN BRUNO, CA 94066-1543
Owner Name:	OSCAR VASQUEZ
Owner Type:	Other
Operator Name:	OSCAR M VASQUEZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

OSCAR M VASQUEZ LEGACY AUTO TECH (Continued) **1024852005**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OSCAR VASQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	161 TANFORAN AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066-1543
Owner/Operator Telephone:	650-669-1085
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OSCAR M VASQUEZ
Legal Status:	Other

OSCAR M VASQUEZ LEGACY AUTO TECH (Continued) **1024852005**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 161 TANFORAN AVE
Owner/Operator City,State,Zip: SAN BRUNO, CA 94066
Owner/Operator Telephone: 650-669-1085
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20151002
Handler Name: OSCAR M VASQUEZ LEGACY AUTO TECH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y249 **DR AUTO BODY** **RCRA NonGen / NLR** **1024862125**
SW **1273 SAN MATEO AVE** **CAL000430635**
1/8-1/4 **SAN BRUNO, CA 94066**
0.175 mi.
925 ft. **Site 10 of 30 in cluster Y**

Relative: RCRA NonGen / NLR:
Lower
Date Form Received by Agency: 20170913
Actual: Handler Name: DR AUTO BODY
20 ft. Handler Address: 1273 SAN MATEO AVE
Handler City,State,Zip: SAN BRUNO, CA 94066
EPA ID: CAL000430635
Contact Name: JUAN ALARCON
Contact Address: 1273 SAN MATEO AVE
Contact City,State,Zip: SAN BRUNO, CA 94066
Contact Telephone: 415-312-7690
Contact Fax: Not reported
Contact Email: DRAUTOBODY08@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

DR AUTO BODY (Continued) **1024862125**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1273 SAN MATEO AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066
Owner Name:	DENIS DIAZ
Owner Type:	Other
Operator Name:	JUAN ALARCON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

DR AUTO BODY (Continued) **1024862125**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DENIS DIAZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	373 HALF MOON LN APT 214
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	415-947-9257
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JUAN ALARCON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1273 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	415-312-7690
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20170913
Handler Name: DR AUTO BODY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

DR AUTO BODY (Continued) **1024862125**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y250 **JOSELITOS AUTOMOTIVE** **San Mateo Co. BI** **S103893684**
SW **1273 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.175 mi.
925 ft. **Site 11 of 30 in cluster Y**

Relative: San Mateo Co. BI:
Lower
Actual: Name: JOSELITOS AUTOMOTIVE
20 ft. Address: 1273 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0024578
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0029380
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: JOSELITOS AUTOMOTIVE
Address: 1273 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0024578
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0029379
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: TITO AUTO BODY AND MECHANIC
Address: 1273 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0049173
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0067181
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: TITO AUTO BODY AND MECHANIC
Address: 1273 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0049173
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0067178
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

JOSELITOS AUTOMOTIVE (Continued) **S103893684**

Name: GERSON AUTO BODY SHOP
Address: 1273 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0052653
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0072967
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: GERSON AUTO BODY SHOP
Address: 1273 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0052653
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0072966
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: MG AUTO BODY SHOP
Address: 1273 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0054726
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0075472
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: MG AUTO BODY SHOP
Address: 1273 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0054726
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0075473
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: LUNA AUTO FRAME & ELECTRIC
Address: 1273 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0047878
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0065394
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: LUNA AUTO FRAME & ELECTRIC
Address: 1273 SAN MATEO

JOSELITOS AUTOMOTIVE (Continued) **S103893684**

City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0047878
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0065392
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	LUNA AUTO FRAME & ELECTRIC
Address:	1273 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0047878
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0065393
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Y251 **DR AUTO BODY SHOP** **San Mateo Co. BI** **S121021233**
SW **1273 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.175 mi.
925 ft. **Site 12 of 30 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:

Name:	DR AUTO BODY SHOP
Address:	1273 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0062384
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0085218
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

X252 **BROKE NECK KUSTOMS INC** **San Mateo Co. BI** **S117398353**
NNW **1387 LOWRIE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.175 mi.
925 ft. **Site 10 of 10 in cluster X**

Relative: **Higher**
Actual: **25 ft.**

San Mateo Co. BI:

Name:	BROKE NECK KUSTOMS INC
Address:	1387 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0030309
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0051402
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

BROKE NECK KUSTOMS INC (Continued) **S117398353**

Name: BROKE NECK KUSTOMS INC
Address: 1387 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0030309
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0051401
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

AC253 **MOBILE FOODS** **San Mateo Co. BI** **S117397308**
SSE **326 SHAW** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.176 mi.
929 ft. **Site 1 of 2 in cluster AC**

Relative: Higher
Actual: 21 ft.

San Mateo Co. BI:
Name: MOBILE FOODS
Address: 326 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0001433
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0043095
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: MOBILE FOODS
Address: 326 SHAW
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0001433
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0044876
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

AD254 **THOMPSON AIRCRAFT TIRE CO** **RCRA-SQG** **1000686068**
SE **160 BEACON ST** **LUST** **CAD983631870**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **SWEEPS UST**
0.178 mi. **CA FID UST**
940 ft. **Site 1 of 2 in cluster AD** **FINDS**
ECHO

Relative: Lower
San Mateo Co. BI
Cortese
Actual: 18 ft.
HIST CORTESE
CERS

RCRA-SQG:
Date Form Received by Agency: 19920417
Handler Name: THOMPSON AIRCRAFT TIRE CO
Handler Address: 160 BEACON ST
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

THOMPSON AIRCRAFT TIRE CO (Continued) **1000686068**

EPA ID:	CAD983631870
Contact Name:	CARLOS GRIJALVA
Contact Address:	160 BEACON ST
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-589-3030
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	BEACON ST
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	THOMPSON AIRCRAFT TIRE CORP
Owner Type:	County
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

THOMPSON AIRCRAFT TIRE CO (Continued) **1000686068**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THOMPSON AIRCRAFT TIRE CORP
Legal Status:	County
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	160 BEACON ST
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-589-3030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19920417
Handler Name: THOMPSON AIRCRAFT TIRE CO	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

THOMPSON AIRCRAFT TIRE CO (Continued) **1000686068**

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN MATEO CO. LUST:
Name: THOMPSON AIR CRAFT TIRE CORP
Address: 160 BEACON ST
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550051
Facility Status: 9- Case Closed
Global ID: T0608100541
APN Number: 015171220
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: THOMPSON AIR CRAFT TIRE CORP
Address: 160 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100541
Global Id: T0608100541
Latitude: 37.639481
Longitude: -122.404204
Status: Completed - Case Closed
Status Date: 03/07/2003
Case Worker: JM
RB Case Number: 41-0567
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550051
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100541
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100541
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

THOMPSON AIRCRAFT TIRE CO (Continued) **1000686068**

LUST:
Global Id: T0608100541
Action Type: Other
Date: 04/10/1989
Action: Leak Discovery

Global Id: T0608100541
Action Type: ENFORCEMENT
Date: 12/26/1989
Action: Notice of Responsibility - #1

Global Id: T0608100541
Action Type: ENFORCEMENT
Date: 03/07/2003
Action: Closure/No Further Action Letter - #2

Global Id: T0608100541
Action Type: Other
Date: 04/10/1989
Action: Leak Reported

Global Id: T0608100541
Action Type: REMEDIATION
Date: 01/27/1992
Action: Excavation

LUST:
Global Id: T0608100541
Status: Open - Case Begin Date
Status Date: 04/10/1989

Global Id: T0608100541
Status: Open - Verification Monitoring
Status Date: 04/10/1989

Global Id: T0608100541
Status: Completed - Case Closed
Status Date: 03/07/2003

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550051
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/1/1965

THOMPSON AIRCRAFT TIRE CO (Continued) **1000686068**

SWEEPS UST:

Name:	THOMPSON AIRCRAFT TIRE CORP
Address:	160 BEACON ST
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550194
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550194-000004
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

Name:	THOMPSON AIRCRAFT TIRE CORP
Address:	160 BEACON ST
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550194
Number:	1
Board Of Equalization:	Not reported
Referral Date:	02-03-94
Action Date:	02-03-94
Created Date:	07-08-92
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	41000526
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	160 BEACON ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SO. SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported

THOMPSON AIRCRAFT TIRE CO (Continued) **1000686068**

EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:
Registry ID: 110002873953

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000686068
Registry ID: 110002873953
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002873953
Name: THOMPSON AIRCRAFT TIRE CO
Address: 160 BEACON ST
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

San Mateo Co. BI:
Name: GATEWAY FREIGHT SERVICES
Address: 160 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017868
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004335
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: THOMPSON AIR CRAFT TIRE CORP
Address: 160 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100541
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active

THOMPSON AIRCRAFT TIRE CO (Continued) **1000686068**

Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	THOMPSON AIR CRAFT TIRE
edr_fadd1:	160 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0567

CERS:

Name:	THOMPSON AIR CRAFT TIRE CORP
Address:	160 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	236520
CERS ID:	T0608100541
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

AA255 **INTER CITY CLEANERS** **RCRA-LQG** **1000210252**
ESE **438 S AIRPORT BLVD** **US AIRS** **CAD981578776**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **FINDS**
0.179 mi. **ECHO**
943 ft. **Site 4 of 12 in cluster AA** **HAZNET**
CERS
Relative: **HWTS**
Lower

Actual: RCRA-LQG:
20 ft.

Date Form Received by Agency:		19861118
Handler Name:	INTER CITY CLEANERS	
Handler Address:		438 S AIRPORT BLVD
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD981578776
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		438 S AIRPORT BLVD
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-875-9200
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		438 S AIRPORT BLVD
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		HANS GELFAND
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline

INTER CITY CLEANERS (Continued) **1000210252**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HANS GELFAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19861118
Handler Name: INTER CITY CLEANERS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

INTER CITY CLEANERS (Continued) **1000210252**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

US AIRS (AFS):
Envid: 1000210252
Region Code: 09
County Code: CA081
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
D and B Number: Not reported
Facility Site Name: INTER-CITY CLEANERS
Primary SIC Code: 7216
NAICS Code: 812320
Default Air Classification Code: SMI
Facility Type of Ownership Code: POF
Air CMS Category Code: OTH
HPV Status: Not reported

US AIRS (AFS):
Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-04-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-11-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

INTER CITY CLEANERS (Continued) **1000210252**

Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-08-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-04-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-01-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-06-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

INTER CITY CLEANERS (Continued) **1000210252**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-30 00:00:00

INTER CITY CLEANERS (Continued) **1000210252**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CABAA00006081A1703
Facility Registry ID: 110001155197
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Title V Permits
Activity Date: 2011-08-15 00:00:00
Activity Status Date: 2016-06-28 14:10:37
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

FINDS:
Registry ID: 110001155197

Click Here:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR SYNTHETIC MINOR
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
HAZARDOUS AIR POLLUTANT MAJOR
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000210252
Registry ID: 110001155197
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001155197
Name: INTER CITY CLEANERS
Address: 438 S AIRPORT BLVD

INTER CITY CLEANERS (Continued) **1000210252**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

HAZNET:
Name: INTER CITY CLEANERS
Address: 438 S AIRPORT BLVD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940806908
Contact: JAY RASSOULI
Telephone: 6508759200
Mailing Name: Not reported
Mailing Address: 438 S AIRPORT BLVD

Year: 2019
Gepaid: CAD981578776
TSD EPA ID: NED981723513
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.50000

Year: 2019
Gepaid: CAD981578776
TSD EPA ID: NED981723513
CA Waste Code: 751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.37500

Year: 2018
Gepaid: CAD981578776
TSD EPA ID: NED981723513
CA Waste Code: 751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03000

Year: 2018
Gepaid: CAD981578776
TSD EPA ID: NED981723513
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.12000

Year: 2018
Gepaid: CAD981578776
TSD EPA ID: NED981723513
CA Waste Code: 751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.25000

Year: 2017
Gepaid: CAD981578776
TSD EPA ID: NED981723513
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L

INTER CITY CLEANERS (Continued) **1000210252**

Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.12

Year: 2017
Gepaid: CAD981578776
TSD EPA ID: NED981723513
CA Waste Code: 751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.1775

Year: 2016
Gepaid: CAD981578776
TSD EPA ID: NED981723513
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.15

Year: 2016
Gepaid: CAD981578776
TSD EPA ID: NED981723513
CA Waste Code: 751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.1675

Year: 2016
Gepaid: CAD981578776
TSD EPA ID: CAD059494310
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.98

Click this hyperlink while viewing on your computer to access
57 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2000
Gen EPA ID: CAD981578776

Shipment Date: 20001206
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001207
Manifest ID: 20590952
Trans EPA ID: CAD981375983
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981375983
Trans Name: Not reported
TSDF Alt EPA ID: CAD981375983
TSDF Alt Name: Not reported
Waste Code Description: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code: F002
Meth Code: R01 - Recycler

INTER CITY CLEANERS (Continued) **1000210252**

Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001206
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001207
Manifest ID:	20590952
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2376
Waste Quantity:	57
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001206
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001207
Manifest ID:	20590952
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Shipment Date:	20001103
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001106
Manifest ID:	20590871
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2251
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001103
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001106
Manifest ID:	20590871
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001103
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001106
Manifest ID:	20590871
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983

INTER CITY CLEANERS (Continued) **1000210252**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001013
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001104
Manifest ID:	20124363
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.246
Waste Quantity:	59
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001013
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001104
Manifest ID:	20124363
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001013
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001104
Manifest ID:	20124363
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000915
Creation Date:	11/14/2000 0:00:00
Receipt Date:	20000918
Manifest ID:	20124318
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD981578776

INTER CITY CLEANERS (Continued) **1000210252**

Shipment Date:	19931122
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931129
Manifest ID:	93118280
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931029
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93086526
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.2375
Waste Quantity:	475
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930927
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93035870
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

INTER CITY CLEANERS (Continued) **1000210252**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.2375
Waste Quantity:	475
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930831
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930902
Manifest ID:	93032767
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2375
Waste Quantity:	475
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930803
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930805
Manifest ID:	93225174
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930707
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930709
Manifest ID:	92569110
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930609
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930615
Manifest ID:	92624661
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2375
Waste Quantity:	475
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930511
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930514

INTER CITY CLEANERS (Continued) **1000210252**

Manifest ID:	92391117
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2375
Waste Quantity:	475
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD981578776
Shipment Date:	20060916
Creation Date:	7/13/2007 18:30:17
Receipt Date:	20060928
Manifest ID:	000248999FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.20016
Waste Quantity:	48
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060916
Creation Date:	7/13/2007 18:30:17
Receipt Date:	20060928
Manifest ID:	000248999FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC

INTER CITY CLEANERS (Continued) **1000210252**

TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060916
Creation Date:	7/13/2007 18:30:17
Receipt Date:	20060928
Manifest ID:	000248999FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D039
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060916
Creation Date:	7/13/2007 18:30:17
Receipt Date:	20060928
Manifest ID:	000248999FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.01
Waste Quantity:	20

INTER CITY CLEANERS (Continued) **1000210252**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060804
Creation Date:	11/21/2006 18:30:32
Receipt Date:	20060810
Manifest ID:	24446056
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060804
Creation Date:	11/21/2006 18:30:32
Receipt Date:	20060810
Manifest ID:	24446056
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.23769
Waste Quantity:	57
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060804
Creation Date:	11/21/2006 18:30:32

INTER CITY CLEANERS (Continued) **1000210252**

Receipt Date:	20060810
Manifest ID:	24446056
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060609
Creation Date:	9/14/2006 18:37:08
Receipt Date:	20060613
Manifest ID:	24446001
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060609
Creation Date:	9/14/2006 18:37:08
Receipt Date:	20060613
Manifest ID:	24446001
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158

INTER CITY CLEANERS (Continued) **1000210252**

TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.36696
Waste Quantity:	88
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060609
Creation Date:	9/14/2006 18:37:08
Receipt Date:	20060613
Manifest ID:	24446001
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981578776
Shipment Date:	19941121
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941123
Manifest ID:	95028166
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975

INTER CITY CLEANERS (Continued) **1000210252**

Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941026
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941031
Manifest ID:	93798709
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940927
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941004
Manifest ID:	95058608
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940831

INTER CITY CLEANERS (Continued) **1000210252**

Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940907
Manifest ID:	93795462
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940831
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940907
Manifest ID:	93795462
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940802
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940805
Manifest ID:	93678884
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940706
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940712
Manifest ID:	93658366
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940607
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93550192
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940510
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940512
Manifest ID:	93551932
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940413
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940419
Manifest ID:	93426620
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD981578776

INTER CITY CLEANERS (Continued) **1000210252**

Shipment Date:	20071205
Creation Date:	7/22/2008 18:30:23
Receipt Date:	20071217
Manifest ID:	000251528FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC 8
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.37113
Waste Quantity:	89
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071205
Creation Date:	7/22/2008 18:30:23
Receipt Date:	20071217
Manifest ID:	000251528FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC 8
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071205
Creation Date:	7/22/2008 18:30:23
Receipt Date:	20071217
Manifest ID:	000251528FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC 8
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158

INTER CITY CLEANERS (Continued) **1000210252**

Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071205
Creation Date:	7/22/2008 18:30:23
Receipt Date:	20071217
Manifest ID:	000251528FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC 8
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071006
Creation Date:	3/18/2008 18:30:24
Receipt Date:	20071015
Manifest ID:	000251435FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.23769
Waste Quantity:	57
Quantity Unit:	G

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071006
Creation Date:	3/18/2008 18:30:24
Receipt Date:	20071015
Manifest ID:	000251435FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.086
Waste Quantity:	172
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071006
Creation Date:	3/18/2008 18:30:24
Receipt Date:	20071015
Manifest ID:	000251435FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071006
Creation Date:	3/18/2008 18:30:24
Receipt Date:	20071015

INTER CITY CLEANERS (Continued) **1000210252**

Manifest ID:	000251435FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070827
Creation Date:	3/4/2008 18:31:02
Receipt Date:	20070904
Manifest ID:	000251378FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070827
Creation Date:	3/4/2008 18:31:02
Receipt Date:	20070904
Manifest ID:	000251378FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD981578776
Shipment Date:	20051111
Creation Date:	1/3/2007 18:30:08
Receipt Date:	20051121
Manifest ID:	24441912
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051111
Creation Date:	1/3/2007 18:30:08
Receipt Date:	20051121
Manifest ID:	24441912
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.21684
Waste Quantity:	52

INTER CITY CLEANERS (Continued) **1000210252**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051111
Creation Date:	1/3/2007 18:30:08
Receipt Date:	20051121
Manifest ID:	24441912
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050916
Creation Date:	6/22/2006 18:31:22
Receipt Date:	20050921
Manifest ID:	24441797
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.32943
Waste Quantity:	79
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050916
Creation Date:	6/22/2006 18:31:22

INTER CITY CLEANERS (Continued) **1000210252**

Receipt Date:	20050921
Manifest ID:	24441797
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050916
Creation Date:	6/22/2006 18:31:22
Receipt Date:	20050921
Manifest ID:	24441797
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050714
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050722
Manifest ID:	24441625
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158

INTER CITY CLEANERS (Continued) **1000210252**

TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050714
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050722
Manifest ID:	24441625
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050714
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050722
Manifest ID:	24441625
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.17931
Waste Quantity:	43
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050610
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050616
Manifest ID:	23759549
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAD981578776
Shipment Date:	20170920
Creation Date:	10/1/2018 18:30:14
Receipt Date:	20171021
Manifest ID:	006162189SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170920

INTER CITY CLEANERS (Continued) **1000210252**

Creation Date:	10/1/2018 18:30:14
Receipt Date:	20171021
Manifest ID:	006162189SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170628
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20170729
Manifest ID:	006107001SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170425
Creation Date:	9/28/2018 18:30:12
Receipt Date:	20170520
Manifest ID:	005979877SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN

INTER CITY CLEANERS (Continued) **1000210252**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170316
Creation Date:	5/11/2018 18:34:48
Receipt Date:	20170410
Manifest ID:	005901550SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170316
Creation Date:	5/11/2018 18:34:48
Receipt Date:	20170410
Manifest ID:	005901550SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	D039

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170316
Creation Date:	5/11/2018 18:34:48
Receipt Date:	20170410
Manifest ID:	005901550SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170120
Creation Date:	5/9/2018 18:31:44
Receipt Date:	20170211
Manifest ID:	010221381FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170117
Creation Date:	5/9/2018 18:31:32
Receipt Date:	20170202
Manifest ID:	010221214FLE

INTER CITY CLEANERS (Continued) **1000210252**

Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRON SVCS INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD981578776
Shipment Date:	20120925
Creation Date:	3/26/2013 22:15:29
Receipt Date:	20121008
Manifest ID:	003315649SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120925
Creation Date:	3/26/2013 22:15:29
Receipt Date:	20121008
Manifest ID:	003315649SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC

INTER CITY CLEANERS (Continued) **1000210252**

TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120824
Creation Date:	10/31/2012 22:15:23
Receipt Date:	20120830
Manifest ID:	003239649SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1875
Waste Quantity:	375
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20120824
Creation Date:	10/31/2012 22:15:23
Receipt Date:	20120830
Manifest ID:	003239649SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

INTER CITY CLEANERS (Continued) **1000210252**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20120523
Creation Date:	5/28/2013 22:15:05
Receipt Date:	20120613
Manifest ID:	003273539SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORTATION INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120523
Creation Date:	5/28/2013 22:15:05
Receipt Date:	20120613
Manifest ID:	003273539SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORTATION INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120503
Creation Date:	7/16/2012 20:30:20
Receipt Date:	20120507
Manifest ID:	003240249SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20120503
Creation Date:	7/16/2012 20:30:20
Receipt Date:	20120507
Manifest ID:	003240249SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20120503
Creation Date:	5/29/2013 22:15:05
Receipt Date:	20120521
Manifest ID:	003240251SKS

INTER CITY CLEANERS (Continued) **1000210252**

Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1875
Waste Quantity:	375
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120124
Creation Date:	3/28/2012 20:30:13
Receipt Date:	20120126
Manifest ID:	003135990SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD981578776

Shipment Date:	20091214
Creation Date:	2/3/2010 18:30:49
Receipt Date:	20091218
Manifest ID:	002155624SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20091214
Creation Date:	2/3/2010 18:30:49
Receipt Date:	20091218
Manifest ID:	002155624SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20091008
Creation Date:	4/12/2010 18:31:03
Receipt Date:	20091020
Manifest ID:	002156250SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site

INTER CITY CLEANERS (Continued) **1000210252**

Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091008
Creation Date:	11/25/2009 18:30:31
Receipt Date:	20091013
Manifest ID:	002156255SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20091008
Creation Date:	11/25/2009 18:30:31
Receipt Date:	20091013
Manifest ID:	002156255SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 5:	Not reported
Shipment Date:	20090710
Creation Date:	8/12/2009 18:30:28
Receipt Date:	20090715
Manifest ID:	002017609SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.375
Waste Quantity:	750
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20090521
Creation Date:	9/30/2009 18:30:20
Receipt Date:	20090610
Manifest ID:	002683074FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000200337
Trans 2 Name:	CARRILLO TRUCKING
TSDF EPA ID:	OHD980587364
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF HEBRON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090521
Creation Date:	9/30/2009 18:30:20
Receipt Date:	20090610
Manifest ID:	002683074FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC

INTER CITY CLEANERS (Continued) **1000210252**

Trans 2 EPA ID:	CAR000200337
Trans 2 Name:	CARRILLO TRUCKING
TSDF EPA ID:	OHD980587364
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF HEBRON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090521
Creation Date:	9/30/2009 18:30:20
Receipt Date:	20090610
Manifest ID:	002683074FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000200337
Trans 2 Name:	CARRILLO TRUCKING
TSDF EPA ID:	OHD980587364
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF HEBRON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090521
Creation Date:	9/30/2009 18:30:20
Receipt Date:	20090610
Manifest ID:	002683074FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000200337
Trans 2 Name:	CARRILLO TRUCKING
TSDF EPA ID:	OHD980587364
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF HEBRON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD981578776
Shipment Date:	20031231
Creation Date:	1/5/2007 18:31:00
Receipt Date:	20040112
Manifest ID:	20579994
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031231
Creation Date:	1/5/2007 18:31:00
Receipt Date:	20040112
Manifest ID:	20579994
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.34194
Waste Quantity:	82
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031231
Creation Date:	1/5/2007 18:31:00
Receipt Date:	20040112
Manifest ID:	20579994
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031013
Creation Date:	8/5/2004 10:08:03
Receipt Date:	20031021
Manifest ID:	20579760
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031013
Creation Date:	8/5/2004 10:08:03
Receipt Date:	20031021
Manifest ID:	20579760
Trans EPA ID:	CAD981375983

INTER CITY CLEANERS (Continued) **1000210252**

Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031013
Creation Date:	8/5/2004 10:08:03
Receipt Date:	20031021
Manifest ID:	20579760
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030811
Creation Date:	7/28/2004 10:48:03
Receipt Date:	20030818
Manifest ID:	22692761
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	Not reported
TSDF EPA ID:	NVR000076158
Trans Name:	Not reported
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002

INTER CITY CLEANERS (Continued) **1000210252**

Meth Code:	R01 - Recycler
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030811
Creation Date:	7/28/2004 10:48:03
Receipt Date:	20030818
Manifest ID:	22692761
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	Not reported
TSDF EPA ID:	NVR000076158
Trans Name:	Not reported
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030811
Creation Date:	7/28/2004 10:48:03
Receipt Date:	20030818
Manifest ID:	22692761
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	Not reported
TSDF EPA ID:	NVR000076158
Trans Name:	Not reported
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Shipment Date:	20030609
Creation Date:	7/20/2004 10:01:52
Receipt Date:	20030618
Manifest ID:	22692515
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVR000076158
Trans Name:	Not reported
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD981578776

Shipment Date:	20021230
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20021231
Manifest ID:	21852399
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021230
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20021231
Manifest ID:	21852399
Trans EPA ID:	CAD981375983

INTER CITY CLEANERS (Continued) **1000210252**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.23352
Waste Quantity:	56
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021230
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20021231
Manifest ID:	21852399
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021101
Creation Date:	2/25/2003 18:31:38
Receipt Date:	20021102
Manifest ID:	21852188
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002

INTER CITY CLEANERS (Continued) **1000210252**

Meth Code:	R01 - Recycler
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021101
Creation Date:	2/25/2003 18:31:38
Receipt Date:	20021102
Manifest ID:	21852188
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021101
Creation Date:	2/25/2003 18:31:38
Receipt Date:	20021102
Manifest ID:	21852188
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.27522
Waste Quantity:	66
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Shipment Date:	20020913
Creation Date:	1/27/2003 18:33:26
Receipt Date:	20020916
Manifest ID:	21852017
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020913
Creation Date:	1/27/2003 18:33:26
Receipt Date:	20020916
Manifest ID:	21852017
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020913
Creation Date:	1/27/2003 18:33:26
Receipt Date:	20020916
Manifest ID:	21852017
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983

INTER CITY CLEANERS (Continued) **1000210252**

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.06255
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020911
Creation Date: 1/27/2003 18:33:26
Receipt Date: 20020912
Manifest ID: 21852008
Trans EPA ID: CAD981375983
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981375983
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: R01 - Recycler
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAD981578776

Shipment Date: 20101026
Creation Date: 4/22/2011 18:30:28
Receipt Date: 20101115
Manifest ID: 003724209FLE
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.062
Waste Quantity:	124
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101022
Creation Date:	1/3/2011 18:30:39
Receipt Date:	20101028
Manifest ID:	003724129FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20101022
Creation Date:	1/3/2011 18:30:39
Receipt Date:	20101028
Manifest ID:	003724129FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20101022
Creation Date:	4/22/2011 18:30:28
Receipt Date:	20101115
Manifest ID:	003724128FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100802
Creation Date:	9/30/2010 18:30:48
Receipt Date:	20100805
Manifest ID:	003334559FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20100604
Creation Date:	8/26/2010 18:30:18
Receipt Date:	20100610
Manifest ID:	003315165FLE
Trans EPA ID:	TXR000050930

INTER CITY CLEANERS (Continued) **1000210252**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20100604
Creation Date:	8/26/2010 18:30:18
Receipt Date:	20100610
Manifest ID:	003315165FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20100416
Creation Date:	8/3/2010 18:30:20
Receipt Date:	20100422
Manifest ID:	003279746FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20100416
Creation Date:	8/3/2010 18:30:20
Receipt Date:	20100422
Manifest ID:	003279746FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20100208
Creation Date:	5/20/2010 18:30:54
Receipt Date:	20100212
Manifest ID:	002367765SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD981578776
Shipment Date:	20011204
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011205
Manifest ID:	20735271
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011204
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011205
Manifest ID:	20735271
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.4545
Waste Quantity:	109
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Shipment Date:	20011204
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011205
Manifest ID:	20735271
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011002
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011003
Manifest ID:	20733568
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011002
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011003
Manifest ID:	20733568
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983

INTER CITY CLEANERS (Continued) **1000210252**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011002
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011003
Manifest ID:	20733568
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010731
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010801
Manifest ID:	20733441
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010731
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010801
Manifest ID:	20733441
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010731
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010801
Manifest ID:	20733441
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.6129
Waste Quantity:	147
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010516
Creation Date:	7/30/2001 0:00:00
Receipt Date:	20010517

INTER CITY CLEANERS (Continued) **1000210252**

Manifest ID:	20733301
Trans EPA ID:	CAD981375983
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981375983
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.3711
Waste Quantity:	89
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAD981578776
Shipment Date:	20151201
Creation Date:	10/17/2016 18:30:54
Receipt Date:	20151219
Manifest ID:	005132279SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151201
Creation Date:	2/10/2016 22:15:22
Receipt Date:	20151208
Manifest ID:	005132280SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS

INTER CITY CLEANERS (Continued) **1000210252**

TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.24
Waste Quantity: 480
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151015
Creation Date: 1/21/2016 22:16:16
Receipt Date: 20151026
Manifest ID: 005032331SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.24
Waste Quantity: 480
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150901
Creation Date: 2/9/2016 22:15:11
Receipt Date: 20150924
Manifest ID: 004995679SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code: D040
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel

INTER CITY CLEANERS (Continued) **1000210252**

Quantity Tons:	0.28
Waste Quantity:	560
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150901
Creation Date:	1/11/2016 22:15:53
Receipt Date:	20150910
Manifest ID:	004995682SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150728
Creation Date:	1/21/2016 22:15:23
Receipt Date:	20150817
Manifest ID:	005031527SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.085
Waste Quantity:	170
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Shipment Date:	20150728
Creation Date:	10/6/2015 22:15:06
Receipt Date:	20150806
Manifest ID:	005031528SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150602
Creation Date:	9/8/2015 22:15:26
Receipt Date:	20150616
Manifest ID:	004787842SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SER
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150602
Creation Date:	1/20/2016 22:15:07
Receipt Date:	20150625
Manifest ID:	004787841SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770

INTER CITY CLEANERS (Continued) **1000210252**

Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150324
Creation Date:	9/11/2015 22:15:47
Receipt Date:	20150410
Manifest ID:	004772313SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.36
Waste Quantity:	720
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981578776

Shipment Date:	19950811
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950815
Manifest ID:	95639500
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950509
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950511
Manifest ID:	95512272
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950509
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950511
Manifest ID:	95512272
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950324
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950328
Manifest ID:	93766786
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950324
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950328
Manifest ID:	93766786
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950119
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950120
Manifest ID:	95049648
Trans EPA ID:	ILD984908202
Trans Name:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950119
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950120
Manifest ID:	95049648
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAD981578776

Shipment Date:	20131113
Creation Date:	3/1/2014 22:15:07
Receipt Date:	20131221
Manifest ID:	003946780SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	420
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130912
Creation Date:	3/12/2014 22:15:10
Receipt Date:	20131021
Manifest ID:	003921342SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130912
Creation Date:	12/4/2013 22:15:05
Receipt Date:	20130926
Manifest ID:	003921345SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360

INTER CITY CLEANERS (Continued) **1000210252**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130621
Creation Date:	9/16/2013 22:15:07
Receipt Date:	20130627
Manifest ID:	003817978SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130621
Creation Date:	11/29/2013 22:15:05
Receipt Date:	20130804
Manifest ID:	003844509SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.18
Waste Quantity:	360
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130621

INTER CITY CLEANERS (Continued) **1000210252**

Creation Date:	12/4/2013 22:15:05
Receipt Date:	20130803
Manifest ID:	003844508SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MOR000508838
Trans 2 Name:	NEI
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130621
Creation Date:	9/16/2013 22:15:07
Receipt Date:	20130627
Manifest ID:	003817978SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130403
Creation Date:	8/10/2013 22:15:16
Receipt Date:	20130415
Manifest ID:	003619239SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT

INTER CITY CLEANERS (Continued) **1000210252**

TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130403
Creation Date:	8/10/2013 22:15:16
Receipt Date:	20130415
Manifest ID:	003619238SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130403
Creation Date:	6/18/2013 22:15:07
Receipt Date:	20130408
Manifest ID:	003619237SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

INTER CITY CLEANERS (Continued) **1000210252**

Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAD981578776
Shipment Date:	20151201
Creation Date:	2/10/2016 22:15:22
Receipt Date:	20151208
Manifest ID:	005132280SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151201
Creation Date:	10/17/2016 18:30:54
Receipt Date:	20151219
Manifest ID:	005132279SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D039

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151015
Creation Date:	1/21/2016 22:16:16
Receipt Date:	20151026
Manifest ID:	005032331SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150901
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20150924
Manifest ID:	004995679SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.28
Waste Quantity:	560
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150901
Creation Date:	1/11/2016 22:15:53
Receipt Date:	20150910

INTER CITY CLEANERS (Continued) **1000210252**

Manifest ID:	004995682SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150728
Creation Date:	10/6/2015 22:15:06
Receipt Date:	20150806
Manifest ID:	005031528SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150728
Creation Date:	1/21/2016 22:15:23
Receipt Date:	20150817
Manifest ID:	005031527SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN

INTER CITY CLEANERS (Continued) **1000210252**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.085
Waste Quantity:	170
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150602
Creation Date:	9/8/2015 22:15:26
Receipt Date:	20150616
Manifest ID:	004787842SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SER
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150602
Creation Date:	1/20/2016 22:15:07
Receipt Date:	20150625
Manifest ID:	004787841SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150324
Creation Date:	6/25/2015 22:16:05
Receipt Date:	20150407
Manifest ID:	004772310SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD981578776
Shipment Date:	20041103
Creation Date:	1/14/2005 10:18:48
Receipt Date:	20041104
Manifest ID:	23753808
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 5:	Not reported
Shipment Date:	20041103
Creation Date:	1/14/2005 10:18:48
Receipt Date:	20041104
Manifest ID:	23753808
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.20016
Waste Quantity:	48
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041103
Creation Date:	1/14/2005 10:18:48
Receipt Date:	20041104
Manifest ID:	23753808
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040928
Creation Date:	12/21/2004 18:30:50
Receipt Date:	20041007
Manifest ID:	23753684
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983

INTER CITY CLEANERS (Continued) **1000210252**

Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.31692
Waste Quantity:	76
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040928
Creation Date:	12/21/2004 18:30:50
Receipt Date:	20041007
Manifest ID:	23753684
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040928
Creation Date:	12/21/2004 18:30:50
Receipt Date:	20041007
Manifest ID:	23753684
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040804
Creation Date:	12/28/2004 14:47:40
Receipt Date:	20040812
Manifest ID:	23524739
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.34194
Waste Quantity:	82
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040804
Creation Date:	12/28/2004 14:47:40
Receipt Date:	20040812
Manifest ID:	23524739
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040804

INTER CITY CLEANERS (Continued) **1000210252**

Creation Date:	12/28/2004 14:47:40
Receipt Date:	20040812
Manifest ID:	23524739
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040624
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040630
Manifest ID:	23524590
Trans EPA ID:	CAD981375983
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	NVR000076158
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.24186
Waste Quantity:	58
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD981578776

Shipment Date:	20141231
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20150119
Manifest ID:	004407442SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC

INTER CITY CLEANERS (Continued) **1000210252**

Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141231
Creation Date:	3/23/2015 22:15:06
Receipt Date:	20150113
Manifest ID:	004406017SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140909
Creation Date:	11/22/2014 22:15:14
Receipt Date:	20140918
Manifest ID:	004399543SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics

INTER CITY CLEANERS (Continued) **1000210252**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140909
Creation Date:	3/5/2015 22:15:08
Receipt Date:	20141009
Manifest ID:	004399545SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140625
Creation Date:	9/23/2014 22:15:15
Receipt Date:	20140711
Manifest ID:	004257963SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360
Quantity Unit:	P
Additional Code 1:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140625
Creation Date:	6/24/2015 22:15:21
Receipt Date:	20140731
Manifest ID:	003240541SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.095
Waste Quantity:	190
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140308
Creation Date:	9/13/2014 22:15:14
Receipt Date:	20140414
Manifest ID:	004149810SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140308
Creation Date:	8/14/2014 22:15:18

INTER CITY CLEANERS (Continued) **1000210252**

Receipt Date:	20140324
Manifest ID:	004149811SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD981578776
Shipment Date:	20081117
Creation Date:	4/9/2009 18:30:20
Receipt Date:	20081217
Manifest ID:	002253145FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL SERVICES
TSDF EPA ID:	OHD980587364
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF HEBRON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081117
Creation Date:	4/9/2009 18:30:20
Receipt Date:	20081217
Manifest ID:	002253145FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC

INTER CITY CLEANERS (Continued) **1000210252**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL SERVICES
TSDF EPA ID:	OHD980587364
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF HEBRON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081117
Creation Date:	4/9/2009 18:30:20
Receipt Date:	20081217
Manifest ID:	002253145FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL SERVICES
TSDF EPA ID:	OHD980587364
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF HEBRON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081117
Creation Date:	4/9/2009 18:30:20
Receipt Date:	20081217
Manifest ID:	002253145FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL SERVICES
TSDF EPA ID:	OHD980587364
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF HEBRON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080819
Creation Date:	6/30/2009 18:30:08
Receipt Date:	20080902
Manifest ID:	000251486FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080819
Creation Date:	6/30/2009 18:30:08
Receipt Date:	20080902
Manifest ID:	000251486FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Shipment Date:	20080819
Creation Date:	6/30/2009 18:30:08
Receipt Date:	20080902
Manifest ID:	000251486FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.5004
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080819
Creation Date:	6/30/2009 18:30:08
Receipt Date:	20080902
Manifest ID:	000251486FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080609
Creation Date:	11/17/2008 18:30:24
Receipt Date:	20080619
Manifest ID:	000251816FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVR000076158

INTER CITY CLEANERS (Continued) **1000210252**

Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080609
Creation Date:	11/17/2008 18:30:24
Receipt Date:	20080619
Manifest ID:	000251816FLE
Trans EPA ID:	CAR000161836
Trans Name:	TECHNICHEM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD981578776

Shipment Date:	20111130
Creation Date:	1/27/2012 20:30:28
Receipt Date:	20111205
Manifest ID:	002915982SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

INTER CITY CLEANERS (Continued) **1000210252**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20111130
Creation Date:	1/27/2012 20:30:28
Receipt Date:	20111205
Manifest ID:	002915982SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1375
Waste Quantity:	275
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20110929
Creation Date:	12/20/2011 18:30:31
Receipt Date:	20111003
Manifest ID:	002916196SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

INTER CITY CLEANERS (Continued) **1000210252**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110929
Creation Date:	12/27/2011 18:30:22
Receipt Date:	20111003
Manifest ID:	002916174SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20110929
Creation Date:	12/27/2011 18:30:22
Receipt Date:	20111003
Manifest ID:	002916174SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20110722
Creation Date:	9/16/2011 18:30:28
Receipt Date:	20110729

INTER CITY CLEANERS (Continued) **1000210252**

Manifest ID:	002795731SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported

Shipment Date:	20110722
Creation Date:	1/12/2012 18:30:25
Receipt Date:	20110815
Manifest ID:	002795732SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110722
Creation Date:	9/16/2011 18:30:28
Receipt Date:	20110729
Manifest ID:	002795731SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC

INTER CITY CLEANERS (Continued) **1000210252**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20110722
Creation Date:	9/16/2011 18:30:28
Receipt Date:	20110729
Manifest ID:	002795731SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D029
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20110420
Creation Date:	6/4/2011 18:30:34
Receipt Date:	20110425
Manifest ID:	002603829SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375

INTER CITY CLEANERS (Continued) **1000210252**

Waste Quantity: 75
Quantity Unit: P
Additional Code 1: D040
Additional Code 2: D039
Additional Code 3: D029
Additional Code 4: D007
Additional Code 5: Not reported

CERS:
Name: INTER CITY CLEANERS
Address: 438 S AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 473764
CERS ID: 110001155197
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: MARK GELFAND
Entity Title: Not reported
Affiliation Address: 438 S AIRPORT BLVD
Affiliation City: SSANFRANCISCO
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: INTER CITY CLEANERS
Address: 438 S AIRPORT BLVD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
EPA ID: CAD981578776
Inactive Date: Not reported
Create Date: 04/10/1987
Last Act Date: 07/16/2020
Mailing Name: Not reported
Mailing Address: 438 S AIRPORT BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 940806908
Owner Name: HANS GELFAND
Owner Address: 1220 RIDGEWOOD DR
Owner Address 2: Not reported
Owner City,State,Zip: MILBRAE, CA 94030
Contact Name: JAY RASSOULI
Contact Address: 438 S AIRPORT BLVD
Contact Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

AA256 **INTER CITY CLEANERS** **San Mateo Co. BI** **S122412279**
ESE **438 AIRPORT** **N/A**
1/8-1/4 **, CA 94080**
0.179 mi.
943 ft. **Site 5 of 12 in cluster AA**

Relative: San Mateo Co. BI:
Lower
Actual: Name: INTER CITY CLEANERS
20 ft. Address: 438 AIRPORT
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017831
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004240
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: INTER CITY CLEANERS
Address: 438 AIRPORT
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017831
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011554
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: INTER CITY CLEANERS
Address: 438 AIRPORT
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017831
Prog Element Code: CONDITIONAL AUTHORIZED (CA)
Record Id: PR0039526
Description: CONDITIONAL AUTHORIZED (CA)
Facility Status: Inactive, non-billable
Program Category: CONDITIONALLY AUTHORIZED (CA)

AA257 **INTER CITY CLEANERS** **CERS HAZ WASTE** **S121741428**
ESE **438 S AIRPORT BLVD** **CERS** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.179 mi.
943 ft. **Site 6 of 12 in cluster AA**

Relative: CERS HAZ WASTE:
Lower
Actual: Name: INTER CITY CLEANERS
20 ft. Address: 438 S AIRPORT BLVD
City,State,Zip: S SAN FRANCISCO, CA 94080
Site ID: 124506
CERS ID: 10066243
CERS Description: Hazardous Waste Generator

CERS:
Name: INTER CITY CLEANERS
Address: 438 S AIRPORT BLVD
City,State,Zip: S SAN FRANCISCO, CA 94080
Site ID: 124506

INTER CITY CLEANERS (Continued) **S121741428**

CERS ID: 10066243
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 124506
Site Name: INTER CITY CLEANERS
Violation Date: 02-20-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 10/01/2020. There was no employee training records for 2019. Please conduct and document employee training within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 124506
Site Name: INTER CITY CLEANERS
Violation Date: 03-21-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 03/21/2016. 4 drums of liquid dry cleaning hazardous waste solvent were left open without the drum lids being secured. Secure all of these containers as soon as possible to prevent spill, release, or exposure. Send proof of corrective action to Dan at drompf@smcgov.org or can text or email photos to 650 339 0327.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 124506
Site Name: INTER CITY CLEANERS
Violation Date: 02-20-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 02/20/2020. The hazardous waste label on the waste sludge is missing accumulation start date. The date was filled in before the conclusion of the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 124506
Site Name: INTER CITY CLEANERS
Violation Date: 04-25-2018
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1

INTER CITY CLEANERS (Continued) **S121741428**

Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 05/25/2018. Within 30 days, please notify property owner that the facility stores reportable quantity of chemicals and a HMBP has been submitted.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	124506
Site Name:	INTER CITY CLEANERS
Violation Date:	02-20-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 05/18/2020. 1.Update the federal hazard categories for all the chemicals. 2.Since the facility switched to a new vendor a year ago, please go through the chemical inventory and update chemical inventory. Please change the chemical name and common name of the waste generated to petroleum/naphtha, to be consistent with the new product. 3.The waste petroleum sludge and the filters need to have their individual entry in the chemical inventory section of the HMBP. Resubmit the HMBP within 30 days to reflect the above three issues have been corrected/updated.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	124506
Site Name:	INTER CITY CLEANERS
Violation Date:	04-25-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/25/2018. Every container or drum holding waste petroleum must have a hazardous waste label. There are at least five 15 gallons containers without hazardous waste labels. Please label all hazardous waste containers within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	124506
Site Name:	INTER CITY CLEANERS
Violation Date:	10-15-2013
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA

INTER CITY CLEANERS (Continued) **S121741428**

thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 03/11/2015.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 124506
Site Name: INTER CITY CLEANERS
Violation Date: 04-25-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 05/25/2018. Containers must be securely closed unless adding and removing waste. There are at least five 15 gallon containers containing petroleum waste with lids not being secured. Containers must be secured ASAP but no later than 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 124506
Site Name: INTER CITY CLEANERS
Violation Date: 02-20-2020
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 10/01/2020. Obtain signed copies of manifest #006694784 SKS and #006979459 SKS within 30 days. There were 2 waste pick up episodes in 2019 (based on the manifest), 4 waste pick up episodes in 2018. Please contact safety-kleen or Clean Harbour to find out the number of waste disposal in 2019 and obtain the missing manifest within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-25-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated: waste petroleum residue. Fire extinguishers serviced in 2/2018. Jay: 650-766-7802 jay@intercitymetrocleaners.com
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

INTER CITY CLEANERS (Continued) **S121741428**

Eval General Type:	Other/Unknown
Eval Date:	10-16-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	approved new submittal
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	10-28-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	03-21-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	04-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-25-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Spoke to Karen Day (owner) and Jay (operations manager) on the phone explaining the purpose of my visit: to conduct a HMBP and hazardous waste inspections. Consent obtained from both Karen and Jay. Last HMBP submission was in 10/2017 and it was accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	10-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

INTER CITY CLEANERS (Continued) **S121741428**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-15-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-20-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP was submitted on 9/19/2019, but it was rejected due to obsolete Federal Hazard Category. Facility ordered 60 bags of salt (used as water softener). Each bag weights 40 pounds. Since it is a sensitizers, it is below reporting threshold.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	03-20-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	05-11-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-15-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	10-16-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

INTER CITY CLEANERS (Continued) **S121741428**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: petroleum sludge and filters There were 2 waste pick up episodes in 2019 (based on the manifest), 4 waste pick up episodes in 2018.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-21-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-21-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-20-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-25-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-30-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

INTER CITY CLEANERS (Continued) **S121741428**

Eval Date: 05-18-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: cers plan submitted, reviewed and approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 124506
Site Name: INTER CITY CLEANERS
Site Address: 438 S AIRPORT BLVD
Site City: S SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 10-15-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Identification Signer
Entity Name: Jay Rassouli
Entity Title: Director of Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Marilyn Whinetrop
Entity Title: Not reported
Affiliation Address: 945 Link Rd.

INTER CITY CLEANERS (Continued) **S121741428**

Affiliation City:	Hillsborough
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94010
Affiliation Phone:	(650) 343-4211,
Affiliation Type Desc:	Document Preparer
Entity Name:	Jay Rassouli
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	438 S AIRPORT BLVD
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Vera Gelfand
Entity Title:	Not reported
Affiliation Address:	438 S AIRPORT BLVD
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 875-9200,
Affiliation Type Desc:	Operator
Entity Name:	INTER CITY CLEANERS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 875-9200,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Jay Rassouli
Entity Title:	Not reported
Affiliation Address:	438 S Airport Blvd
Affiliation City:	S San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation

INTER CITY CLEANERS (Continued) **S121741428**

Entity Name:	SAGAN DRIVE-IN CLEANERS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AA258 **NRI SANDBLASTING & POWDER COATING** **San Mateo Co. BI** **S117398259**
ESE **436 AIRPORT** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.180 mi.
953 ft. **Site 7 of 12 in cluster AA**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:

Name:	NRI SANDBLASTING & POWDER COATING
Address:	436 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0028138
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0046354
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	NRI SANDBLASTING & POWDER COATING
Address:	436 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0028138
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0055264
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

AA259 **NRI SANDBLASTING & POWDER COATING** **RCRA NonGen / NLR** **1026823656**
ESE **436 S AIRPORT BLVD.** **CAC003136664**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.180 mi.
953 ft. **Site 8 of 12 in cluster AA**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20210830
Handler Name:	NRI SANDBLASTING & POWDER COATING
Handler Address:	436 S AIRPORT BLVD.
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAC003136664
Contact Name:	JEFFREY CHAN
Contact Address:	436 S AIRPORT BLVD.
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-559-9686
Contact Fax:	Not reported

NRI SANDBLASTING & POWDER COATING (Continued) **1026823656**

Contact Email:	JEFFREY@JCMETALS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	436 S AIRPORT BLVD.
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	CALVIN CHAN
Owner Type:	Other
Operator Name:	JEFFREY CHAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

NRI SANDBLASTING & POWDER COATING (Continued) **1026823656**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210830
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFFREY CHAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	436 S AIRPORT BLVD.
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-559-9686
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALVIN CHAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	436 S AIRPORT BLVD.
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-902-7588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210830
Handler Name:	NRI SANDBLASTING & POWDER COATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

NRI SANDBLASTING & POWDER COATING (Continued) **1026823656**

List of NAICS Codes and Descriptions:
NAICS Code: 236220
NAICS Description: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y260 **A & F AUTO BODY REPAIR** **San Mateo Co. BI** **S105938254**
SW **1265 SAN MATEO AVENUE** **EMI** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **CERS**
0.180 mi.
953 ft. **Site 13 of 30 in cluster Y**

Relative:
Lower

Actual:
20 ft.

San Mateo Co. BI:
Name: JIM GRIFFIN AUTO BODY
Address: 1265 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0024755
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0030097
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: JIM GRIFFIN AUTO BODY
Address: 1265 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0024755
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0030096
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

EMI:
Name: JIM GRIFFIN & SONS AUTO BODY
Address: 1265 SAN MATEO AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Year: 1996
County Code: 41
Air Basin: SF
Facility ID: 9799
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

A & F AUTO BODY REPAIR (Continued) **S105938254**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	JIM GRIFFIN & SONS AUTO BODY
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	9799
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	JIM GRIFFIN & SONS AUTO BODY
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	9799
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	JIM GRIFFIN & SONS AUTO BODY
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	9799
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

A & F AUTO BODY REPAIR (Continued) **S105938254**

Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	JIM GRIFFIN & SONS AUTO BODY
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	9799
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TRANSMISSIONS AUTO REPAIR & BO
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	14307
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TRANSMISSIONS AUTO REPAIR & BO
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	14307
Air District Name:	BA
SIC Code:	7532

A & F AUTO BODY REPAIR (Continued) **S105938254**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TRANSMISSIONS AUTO REPAIR & BO
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	14307
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.019
Reactive Organic Gases Tons/Yr:	0.0167302
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TRANSMISSIONS AUTO REPAIR & BO
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	14307
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.019
Reactive Organic Gases Tons/Yr:	.0167302
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2007
County Code:	41
Air Basin:	SF

A & F AUTO BODY REPAIR (Continued) **S105938254**

Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.132
Reactive Organic Gases Tons/Yr:	.1132336
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.099
Reactive Organic Gases Tons/Yr:	.0850292
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.9000000000000005E-2
Reactive Organic Gases Tons/Yr:	8.5029199999999999E-2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066

A & F AUTO BODY REPAIR (Continued) **S105938254**

Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.9000000000000005E-2
Reactive Organic Gases Tons/Yr:	8.5029199999999999E-2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.135
Reactive Organic Gases Tons/Yr:	0.1154254
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.135
Reactive Organic Gases Tons/Yr:	0.1154254
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

A & F AUTO BODY REPAIR (Continued) **S105938254**

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.135
Reactive Organic Gases Tons/Yr:	0.1154254
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.135167383
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2015
County Code:	41
Air Basin:	SF
Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.13516738
Reactive Organic Gases Tons/Yr:	0.13516738
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

A & F AUTO BODY REPAIR (Continued) **S105938254**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: A & F AUTO BODY REPAIR
Address: 1265 SAN MATEO AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Year: 2016
County Code: 41
Air Basin: SF
Facility ID: 18640
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.135167383
Reactive Organic Gases Tons/Yr: 0.11545047061
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

Name: A & F AUTO BODY REPAIR
Address: 1265 SAN MATEO AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Year: 2017
County Code: 41
Air Basin: SF
Facility ID: 18640
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.135167383
Reactive Organic Gases Tons/Yr: 0.11545047061
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

Name: A & F AUTO BODY REPAIR
Address: 1265 SAN MATEO AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Year: 2018
County Code: 41
Air Basin: SF
Facility ID: 18640
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.135257075
Reactive Organic Gases Tons/Yr: 0.1155270792

A & F AUTO BODY REPAIR (Continued) **S105938254**

Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2019
County Code:	41
Air Basin:	SF
Facility ID:	18640
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.135257075
Reactive Organic Gases Tons/Yr:	0.1155270792
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

CERS:

Name:	TRANSMISSIONS AUTO REPAIR & BO
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066-1528
Site ID:	500092
CERS ID:	110038029415
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	JIM GRIFFIN & SONS AUTO BODY
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066-1528
Site ID:	474741
CERS ID:	110002412657
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	A & F AUTO BODY REPAIR
Address:	1265 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	449005
CERS ID:	110054316281
CERS Description:	US EPA Air Emission Inventory System (EIS)

Y261 **A&F AUTO BODY** **RCRA NonGen / NLR** **1024815950**
SW **1265 SAN MATEO AVE** **CAL000315763**
1/8-1/4 **SAN BRUNO, CA 94066**
0.180 mi.
953 ft. **Site 14 of 30 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070126
Handler Name:	A&F AUTO BODY	
Handler Address:		1265 SAN MATEO AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066-1528
EPA ID:		CAL000315763
Contact Name:		AHED FAYAD
Contact Address:		1265 SAN MATEO AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066-1528
Contact Telephone:		415-786-8211
Contact Fax:		650-588-8249
Contact Email:		SFPALICA@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1265 SAN MATEO AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066-1528
Owner Name:		AHED FAYAD
Owner Type:		Other
Operator Name:		AHED FAYAD
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

A&F AUTO BODY (Continued) **1024815950**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHED FAYAD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1265 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066-0000
Owner/Operator Telephone:	415-786-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AHED FAYAD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1265 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066-1528
Owner/Operator Telephone:	415-786-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

A&F AUTO BODY (Continued) **1024815950**

Historic Generators:
- Receive Date: 20070126
- Handler Name: A&F AUTO BODY
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 811121
- NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

Y262 **SAN BRUNO AUTO KRAFT** **RCRA-SQG** **1000105449**
SW **1269 SAN MATEO AVENUE** **CAD982480824**
1/8-1/4 **SAN BRUNO, CA 94066**
0.182 mi.
959 ft. **Site 15 of 30 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

RCRA-SQG:
- Date Form Received by Agency: 19880721
- Handler Name: SAN BRUNO AUTO KRAFT
- Handler Address: 1269 SAN MATEO AVENUE
- Handler City,State,Zip: SAN BRUNO, CA 94066
- EPA ID: CAD982480824
- Contact Name: ENVIRONMENTAL MANAGER
- Contact Address: 1269 SAN MATEO AVENUE
- Contact City,State,Zip: SAN BRUNO, CA 94066
- Contact Telephone: 415-588-2581
- Contact Fax: Not reported
- Contact Email: Not reported
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Other
- Federal Waste Generator Description: Small Quantity Generator
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: CA
- State District: 2
- Mailing Address: 1269 SAN MATEO AVENUE
- Mailing City,State,Zip: SAN BRUNO, CA 94066
- Owner Name: BRIEN ROGER

SAN BRUNO AUTO KRAFT (Continued) **1000105449**

Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

SAN BRUNO AUTO KRAFT (Continued) **1000105449**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: BRIEN ROGER
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19880721
Handler Name: SAN BRUNO AUTO KRAFT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y263 **VALLEJOS AUTO BODY & PAINT** **RCRA-SQG** **1000280060**
SW **1269 SAN MATEO AVE** **WMUDS/SWAT** **CAD982480832**
1/8-1/4 **SAN BRUNO, CA 94066** **San Mateo Co. BI**
0.182 mi. **EMI**
959 ft. **Site 16 of 30 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

RCRA-SQG:

Date Form Received by Agency:	19880721
Handler Name:	VALLEJOS AUTO BODY & PAINT
Handler Address:	1269 SAN MATEO AVE
Handler City,State,Zip:	SAN BRUNO, CA 94066
EPA ID:	CAD982480832
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	1269 SAN MATEO AVE
Contact City,State,Zip:	SAN BRUNO, CA 94066
Contact Telephone:	415-588-8446
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	SAN MATEO AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066
Owner Name:	JAIME VALLEJO
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAIME VALLEJO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

Historic Generators:
Receive Date: 19880721
Handler Name: VALLEJOS AUTO BODY & PAINT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

WMUDS/SWAT:
Edit Date: Not reported
Complexity: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Base Meridian: Not reported
NPID: Not reported
Tonnage: 0
Regional Board ID: Not reported
Municipal Solid Waste: False
Superorder: False
Open To Public: False
Waste List: False
Agency Type: Not reported
Agency Name: Not reported
Agency Department: Not reported
Agency Address: Not reported
Agency City,St,Zip: Not reported
Agency Contact: Not reported
Agency Telephone: Not reported
Land Owner Name: Not reported
Land Owner Address: Not reported
Land Owner City,St,Zip: CA
Land Owner Contact: Not reported
Land Owner Phone: Not reported
Region: 2
Facility Type: Not reported
Facility Description: Not reported
Facility Telephone: Not reported

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	UN1
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	2 480006NUR
Solid Waste Information ID:	Not reported

San Mateo Co. BI:

Name:	VALLEJO AUTO BODY & PAINT
Address:	1269 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0011553
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0005023
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	VALLEJO AUTO BODY & PAINT
Address:	1269 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0011553
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0012238
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	VALLEJO AUTO BODY & PAINT
Address:	1269 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0011553
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043576
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

EMI:

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	7461
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	7461
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	7461
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	7461
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	7461
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	7461
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	7461
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.098
Reactive Organic Gases Tons/Yr:	0.0855984
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.473
Reactive Organic Gases Tons/Yr:	.418804
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.473
Reactive Organic Gases Tons/Yr:	.418804
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 90255
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	16482

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.473
Reactive Organic Gases Tons/Yr:	.418804
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.473
Reactive Organic Gases Tons/Yr:	.418804
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.27500000000000002
Reactive Organic Gases Tons/Yr:	0.2261224
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2010

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.27500000000000002
Reactive Organic Gases Tons/Yr:	0.2261224
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.275
Reactive Organic Gases Tons/Yr:	0.2261224
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.275
Reactive Organic Gases Tons/Yr:	0.2261224
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.447
Reactive Organic Gases Tons/Yr:	0.3935796
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.446862915
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2015
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.44686291
Reactive Organic Gases Tons/Yr:	0.44686291
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

VALLEJOS AUTO BODY & PAINT (Continued) **1000280060**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2018
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.096000004
Reactive Organic Gases Tons/Yr:	0.094838403952
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	VALLEJO'S AUTO BODY
Address:	1269 SAN MATEO AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2019
County Code:	41
Air Basin:	SF
Facility ID:	16482
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.096000004
Reactive Organic Gases Tons/Yr:	0.094838403952
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Y264 **VALLEJO'S AUTO BODY & PAINT** **RCRA NonGen / NLR** **1024874553**
SW **1269 SAN MATEO AVE** **CAL000443209**
1/8-1/4 **SAN BRUNO, CA 94066**
0.182 mi.
959 ft. **Site 17 of 30 in cluster Y**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:	20190206
Handler Name:	VALLEJO'S AUTO BODY & PAINT
Handler Address:	1269 SAN MATEO AVE
Handler City,State,Zip:	SAN BRUNO, CA 94066
EPA ID:	CAL000443209
Contact Name:	JORGE JIMMENEZ
Contact Address:	1269 SAN MATEO AVE
Contact City,State,Zip:	SAN BRUNO, CA 94066
Contact Telephone:	650-302-7476

Actual:
20 ft.

VALLEJO'S AUTO BODY & PAINT (Continued) **1024874553**

Contact Fax:	Not reported
Contact Email:	VALLEJOSAUTO@HOTMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1269 SAN MATEO AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066
Owner Name:	JORGE JIMENEZ
Owner Type:	Other
Operator Name:	JORGE JIMMENEZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

VALLEJO'S AUTO BODY & PAINT (Continued) **1024874553**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JORGE JIMMENEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1269 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-302-7476
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JORGE JIMENEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1269 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-302-7476
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190206
Handler Name:	VALLEJO'S AUTO BODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

VALLEJO'S AUTO BODY & PAINT (Continued) **1024874553**

List of NAICS Codes and Descriptions:
NAICS Code: 325510
NAICS Description: PAINT AND COATING MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AE265 **UNION PACIFIC** **CPS-SLIC S109277270**
NW **ADJACENT 69 SOUTH LINDEN AVENUE** **CERS N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.182 mi.
960 ft. **Site 1 of 9 in cluster AE**

Relative:
Higher

Actual:
21 ft.

CPS-SLIC:
Name: UNION PACIFIC
Address: ADJACENT 69 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 02/14/2007
Global Id: SL0608137279
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number: 60001636
Latitude: 37.647131175363
Longitude: -122.412028312683
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Solvents
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

CERS:
Name: UNION PACIFIC
Address: ADJACENT 69 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 254432
CERS ID: SL0608137279
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400

UNION PACIFIC (Continued) **S109277270**

Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AD266 **QUONG HOP & CO** **San Mateo Co. BI** **S117397403**
SE **161 BEACON** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.182 mi.
961 ft. **Site 2 of 2 in cluster AD**

Relative: San Mateo Co. BI:
Lower
Name: QUONG HOP & CO
Actual: Address: 161 BEACON
17 ft. City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0010944
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0004367
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: QUONG HOP & CO
Address: 161 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0010944
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0043041
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

AF267 **SAN FRANCISCO HYDRANT SYSTEM** **HIST UST** **U001595741**
ENE **100 UTAH AVE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94128**
0.182 mi.
961 ft. **Site 1 of 8 in cluster AF**

Relative: HIST UST:
Lower
Name: SAN FRANCISCO HYDRANT SYSTEM
Actual: Address: 100 UTAH AVE
20 ft. City,State,Zip: SOUTH SAN FRANCISCO, CA 94128
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000020421
Facility Type: Other
Other Type: AIRPORT HYDRANT SYST
Contact Name: MR. DAVE ROGGE
Telephone: 0000000000
Owner Name: AIRCRAFT SERVICE INTERNATIONAL
Owner Address: 5395 N.W. 36TH STREET

SAN FRANCISCO HYDRANT SYSTEM (Continued) **U001595741**

Owner City,St,Zip:	MIAMI, FL 33166
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1983
Tank Capacity:	00054000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0.375
Leak Detection:	Stock Inventor

AF268 **EXHIBIT GROUP SAN FRANCISCO** **RCRA NonGen / NLR** **1000246281**
ENE **100 UTAH AVE** **FINDS** **CAD981625254**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.182 mi. **HAZNET**
961 ft. **Site 2 of 8 in cluster AF** **HWTS**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	19960927
Handler Name:	EXHIBIT GROUP SAN FRANCISCO
Handler Address:	100 UTAH AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD981625254
Contact Name:	RENE JANSEN
Contact Address:	41480 BOYCE RD
Contact City,State,Zip:	FREMONT, CA 94538-3113
Contact Telephone:	510-440-8300
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	CA
State District:	2
Mailing Address:	BOYCE RD
Mailing City,State,Zip:	FREMONT, CA 94538-3113
Owner Name:	GREYHOUND CORP
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

EXHIBIT GROUP SAN FRANCISCO (Continued) **1000246281**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GREYHOUND CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

EXHIBIT GROUP SAN FRANCISCO (Continued) **1000246281**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960927
Handler Name:	EXHIBIT GROUP SAN FRANCISCO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002728674

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000246281
Registry ID:	110002728674
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002728674

EXHIBIT GROUP SAN FRANCISCO (Continued) **1000246281**

Name: EXHIBIT GROUP SAN FRANCISCO
Address: 100 UTAH AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

HAZNET:
Name: EXHIBIT GROUP SAN FRANCISCO
Address: 100 UTAH AVE
Address 2: Not reported
City,State,Zip: S SAN FRANCISCO, CA 940800000
Contact: DEACT PER 6/95 FEES MOVED-PH
Telephone: --
Mailing Name: Not reported
Mailing Address: --

Year: 1993
Gepaid: CAD981625254
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.005

Year: 1992
Gepaid: CAD981625254
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.7395

Year: 1991
Gepaid: CAD981625254
TSD EPA ID: CAD009452657
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: R01 - Recycler
Tons: 0.035

Year: 1991
Gepaid: CAD981625254
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: D99 - Disposal, Other
Tons: 0.2293

Year: 1991
Gepaid: CAD981625254
TSD EPA ID: HYHQ36009069
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: 14 -
Tons: 0.4035

Year: 1991
Gepaid: CAD981625254
TSD EPA ID: CAD009452657
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: R01 - Recycler
Tons: 0.0525

Year: 1991

EXHIBIT GROUP SAN FRANCISCO (Continued) **1000246281**

Gepaid:	CAD981625254
TSD EPA ID:	CAT000613893
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.78
Year:	1990
Gepaid:	CAD981625254
TSD EPA ID:	CAT000613893
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	1.0875
Year:	1989
Gepaid:	CAD981625254
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.688
Year:	1989
Gepaid:	CAD981625254
TSD EPA ID:	CAT000613893
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.0885

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1993
Gen EPA ID:	CAD981625254
Shipment Date:	19930318
Creation Date:	9/1/1995 0:00:00
Receipt Date:	19930324
Manifest ID:	92537723
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

EXHIBIT GROUP SAN FRANCISCO (Continued) **1000246281**

Additional Code 5:	Not reported
Shipment Date:	19930217
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930223
Manifest ID:	92412735
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930119
Creation Date:	9/5/1995 0:00:00
Receipt Date:	19930122
Manifest ID:	92408482
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	EXHIBIT GROUP SAN FRANCISCO
Address:	100 UTAH AVE
Address 2:	Not reported
City,State,Zip:	S SAN FRANCISCO, CA 940800000
EPA ID:	CAD981625254
Inactive Date:	04/15/1994

EXHIBIT GROUP SAN FRANCISCO (Continued) **1000246281**

Create Date:	04/10/1987
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	--
Mailing Address 2:	Not reported
Mailing City,State,Zip:	--, 99 000000000
Owner Name:	--
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	DEACT PER 6/95 FEES MOVED-PH
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

AF269 **GOODWILL INDUSTRIES OF SAN FRANCISCO, SAN MATEO AN** **RCRA NonGen / NLR** **1024871287**
ENE **100 UTAH AVE** **CAL000439931**
1/8-1/4 **SAN FRANCISCO, CA 94080**
0.182 mi.
961 ft. **Site 3 of 8 in cluster AF**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:	20181016
Handler Name:	GOODWILL INDUSTRIES OF SAN FRANCISCO, SAN MATEO AND MARIN COUNTIES
Handler Address:	100 UTAH AVE
Handler City,State,Zip:	SAN FRANCISCO, CA 94080
EPA ID:	CAL000439931
Contact Name:	CHIMAN LEE
Contact Address:	295 BAY ST
Contact City,State,Zip:	SAN FRANCISCO, CA 94133
Contact Telephone:	415-710-7788
Contact Fax:	Not reported
Contact Email:	CLEE@SFGOODWILL.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	295 BAY ST
Mailing City,State,Zip:	SAN FRANCISCO, CA 94133
Owner Name:	GOODWILL INDUSTRIES OF SAN FRANCISC
Owner Type:	Other
Operator Name:	CHIMAN LEE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

Actual:
20 ft.

GOODWILL INDUSTRIES OF SAN FRANCISCO, SAN MATEO AND MARIN CO (Continued) **1024871287**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHIMAN LEE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	295 BAY ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133
Owner/Operator Telephone:	415-710-7788

GOODWILL INDUSTRIES OF SAN FRANCISCO, SAN MATEO AND MARIN CO (Continued) **1024871287**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GOODWILL INDUSTRIES OF SAN FRANCISC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 295 BAY ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94133
Owner/Operator Telephone: 415-575-2100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181016
Handler Name: GOODWILL INDUSTRIES OF SAN FRANCISCO, SAN MATEO AND MARIN COUNTIES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 522298
NAICS Description: ALL OTHER NONDEPOSITORY CREDIT INTERMEDIATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AF270 **GREYHOUND EXPOSITION SERVICES** **CA FID UST** **S101623119**
ENE **100 UTAH AVE** **N/A**
1/8-1/4 **SO. SAN FRANCISCO, CA 94080**
0.182 mi.
961 ft. **Site 4 of 8 in cluster AF**

Relative:
Lower

Actual:
20 ft.

CA FID UST:
Facility ID: 41000262
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4157610333
Mail To: Not reported
Mailing Address: 100 UTAH AVE

GREYHOUND EXPOSITION SERVICES (Continued) **S101623119**

Mailing Address 2: Not reported
Mailing City,St,Zip: SO. SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

AF271 **GREYHOUND DIAL** **LUST** **S103963665**
ENE **100 UTAH** **San Mateo Co. BI** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.182 mi.
961 ft. **Site 5 of 8 in cluster AF**

Relative:
Lower

Actual:
20 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550090
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: GREYHOUND DIAL
Address: 100 UTAH
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017686
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022586
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

AF272 **GREYHOUND EXPOSITION SERVICES** **LUST** **U001594780**
ENE **100 UTAH AVE** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HIST UST**
0.182 mi. **Cortese**
961 ft. **Site 6 of 8 in cluster AF** **HIST CORTESE**
CERS

Relative:
Lower

Actual:
20 ft.

SAN MATEO CO. LUST:
Name: GREYHOUND EXPOSITION SERVICES
Address: 100 UTAH AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Region: SAN MATEO
Facility ID: 550090
Facility Status: 9- Case Closed
Global ID: T0608100244
APN Number: 015142080
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: GREYHOUND EXPOSITION SERVICES
Address: 100 UTAH
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100244
Global Id: T0608100244
Latitude: 37.645077
Longitude: -122.403328
Status: Completed - Case Closed
Status Date: 07/28/2000
Case Worker: JM
RB Case Number: 41-0256
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550090
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100244
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100244
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100244
Action Type: Other
Date: 09/25/1991
Action: Leak Discovery

Global Id: T0608100244
Action Type: ENFORCEMENT
Date: 09/24/1991

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Action: Notice of Responsibility - #1

Global Id: T0608100244
Action Type: Other
Date: 10/19/1990
Action: Leak Reported

Global Id: T0608100244
Action Type: ENFORCEMENT
Date: 06/27/1997
Action: Closure/No Further Action Letter

LUST:
Global Id: T0608100244
Status: Open - Case Begin Date
Status Date: 10/19/1990

Global Id: T0608100244
Status: Completed - Case Closed
Status Date: 07/28/2000

CERS HAZ WASTE:
Name: GOODWILL INDUSTRIES OF SAN FRANCISCO, SAN MATEO, & MARIN (SSF)
Address: 100 UTAH AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 514161
CERS ID: 10771861
CERS Description: Hazardous Waste Generator

HIST UST:
Name: SAN FRANCISCO HYDRANT SYSTEM
Address: 100 UTAH AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94128
File Number: 0002BB7F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BB7F.pdf
Region: STATE
Facility ID: 00000009479
Facility Type: Other
Other Type: CONVENTION DECORATOR
Contact Name: JOHN SAUTER, GEN'L MGR
Telephone: 4157610333
Owner Name: GREYHOUND EXPOSITION SERVICES,
Owner Address: 100 UTAH AVE
Owner City,St,Zip: SO. SAN FRANCISCO, CA 94080
Total Tanks: 0002

Tank Num: 001
Container Num: 001-WEST
Year Installed: 1975
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Tank Num:	001
Container Num:	001-WEST
Year Installed:	1975
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	002-EAST
Year Installed:	1973
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	002-EAST
Year Installed:	1973
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CORTESE:

Name:	GREYHOUND EXPOSITION SERVICES
Address:	100 UTAH
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100244
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

edr_fname: GREYHOUND EXPOSITION SERV
edr_fadd1: 100 UTAH
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0256

CERS:
Name: GREYHOUND EXPOSITION SERVICES
Address: 100 UTAH
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 209036
CERS ID: T0608100244
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: GOODWILL INDUSTRIES OF SAN FRANCISCO, SAN MATEO, & MARIN (SSF)
Address: 100 UTAH AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 514161
CERS ID: 10771861
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 514161
Site Name: Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date: 01-23-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 02/24/2019.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Site ID:	514161
Site Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date:	01-23-2019
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 05/29/2019. A sample property owner notification letter will be provided along with this inspection report. Fill out the notification letter and provide a copy to the property owner, keep a copy on site, and provide a copy to SMCUPA within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	514161
Site Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date:	01-23-2019
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 03/20/2019. A sample emergency procedures document will be provided along with this inspection report. Fill out the posting, post at the facility and provide evidence to SMCUPA within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	514161
Site Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date:	01-23-2019
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 05/20/2019. ensure all employees are trained prior to the facility going into operation. Currently the labels on the hazardous waste drums indicate that employees have not been properly trained on waste segregation. Provide documentation of training to SMCUPA within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	514161
Site Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date:	01-23-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/29/2019. Current Hazardous waste labels are missing the facility address and phone number. Additionally, contents should be expanded upon. Instead of just "flammable liquids" include some of the most common items that are contained within that drum. Update labels and provide documentation to SMCUPA within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	514161
Site Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date:	01-23-2019
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/24/2019. Complete the HMBP and submit a copy to SMCUPA within 30 days since Hazmat is already on site at the facility. Include all chemicals that are planned to be on site, including e-waste if it will be over 500 lbs.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	514161
Site Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date:	08-05-2021
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Improve the process of waste determination. SMCEH recommend re train all staff and ensure line workers have proper training to identify hazards and secure them in a bin for future waste determination or ask a manager for help in identifying specific hazards until the determinations can be made.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	514161
Site Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date:	01-23-2019
Citation:	40 CFR 1 265.177 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.177
Violation Description:	Failure to separate incompatible wastes from the same container, nearby containers, or unwashed containers which previously contained incompatible waste or materials.
Violation Notes:	Returned to compliance on 10/09/2019.
Violation Division:	San Mateo County Environmental Health

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Violation Program: HW
Violation Source: CERS,

Site ID: 514161
Site Name: Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date: 01-23-2019
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 10/09/2019. Waste determination needs improvement. Currently there is one drum for all "cleaners" and the hazard is listed as "corrosive". Corrosive waste can be either acidic or basic. Acids and bases are not compatible and must be separated for storage and disposal. Provide separate drums for acids, bases and evaluate other waste streams. There should also be a specific container for waste pharmaceuticals. Many wastes can be disposed of as medical waste pharmaceuticals, however, some medications are listed RCRA hazardous waste and must be labeled and disposed of as such. Work with your vendor to make waste determinations and provide documentation that there are containers for each unique waste stream within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 514161
Site Name: Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Violation Date: 01-23-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 05/20/2019. Once HMBP is complete, ensure all employees are trained annually and provide documentation of training to SMCUPA within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-07-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-13-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Initial inspection of new facility. Waste generated: Household waste from public donating HHW that cannot be resold. Facility is not in operation yet, but will be similar in operations to the Burlingame warehouse. Some of the products received as donations (soaps, makeup, cleaners, etc) that can still be used are being sold to resellers. Management also is considering reusing some of the products within the facilities, or opening up the warehouse to give these items away to the public that can be reused in an effort to reduce the amount of Hazardous Waste leaving the facility.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-17-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: site review prior to inspection
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Initial inspection at new facility. HMBP has not been submitted at this time. Facility is not fully operational at this time, however, there are already about 8 large forklift sized propane tanks on site which are over the HMBP threshold. Facility is also planning to have DEF on site in drums as well as electronic waste and Hazardous waste. Submit HMBP within 30 days. Create and submit HMBP within 30 days and provide training to all staff and provide documentation of training to SMCUPA within 30 days. Update CERS to include "Goodwill" as part of the facility name.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Enforcement Action:

Site ID:	514161
Site Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Site Address:	100 UTAH AVE
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	04-16-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV letter certified receipt received in EH 4/22/2019. No received date noted on reciept by Business. 11/21/19: no violations open in dispatch center NOV resolved.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS,

Site ID:	514161
Site Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Site Address:	100 UTAH AVE
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	04-16-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV letter certified receipt received in EH 4/22/2019. No received date noted on reciept by Business. 11/21/19: no violations open in dispatch center NOV resolved.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,

Coordinates:

Site ID:	514161
Facility Name:	Goodwill Industries of San Francisco, San Mateo, & Marin (SSF)
Env Int Type Code:	HMBP
Program ID:	10771861
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.645070

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Longitude: -122.403320

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Ying Luo
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Mirsada Causevic
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (415) 716-0786,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: Michael Ware
Entity Title: Not reported
Affiliation Address: 750 Post St
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94109
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Goodwill Industries of San Francisco, San Mateo and Marin counties
Entity Title: Not reported
Affiliation Address: 750 Post St
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94109
Affiliation Phone: (415) 575-2100,

Affiliation Type Desc: Property Owner
Entity Name: Amber Salazar
Entity Title: Not reported
Affiliation Address: Not reported

GREYHOUND EXPOSITION SERVICES (Continued) **U001594780**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 437-8840,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	750 Post St
Affiliation City:	San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94109
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Michael Ware
Entity Title:	Donation Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Goodwill Industries of San Francisco, San Mateo, and Marin
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AF273 **GOODWILL OF SAN FRANCISCO, SAN MATEO, MARIN COUNTI** **San Mateo Co. BI** **S123184434**
ENE **100 UTAH** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.182 mi.
961 ft. **Site 7 of 8 in cluster AF**

Relative: San Mateo Co. BI:
Lower

Name:	GOODWILL OF SAN FRANCISCO, SAN MATEO, MARIN COUNTIES
Address:	100 UTAH
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0064891
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0087772
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	GOODWILL OF SAN FRANCISCO, SAN MATEO, MARIN COUNTIES
Address:	100 UTAH
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

Actual:
20 ft.

GOODWILL OF SAN FRANCISCO, SAN MATEO, MARIN COUNTIES (Continued) **S123184434**

Region: SAN MATEO
Facility ID: FA0064891
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0087773
Description: GEN <1 TONS HAZ WASTE/YR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Y274 **A & F AUTO BODY REPAIR** **San Mateo Co. BI** **S110376398**
SW **1261-65 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.184 mi.
974 ft. **Site 18 of 30 in cluster Y**

Relative: San Mateo Co. BI:
Lower
Name: A & F AUTO BODY REPAIR
Actual: Address: 1261-65 SAN MATEO
20 ft. City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0045227
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0058484
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: A & F AUTO BODY REPAIR
Address: 1261-65 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0045227
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0058485
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Y275 **JIM GRIFFIN & SON BRITISH** **San Mateo Co. BI** **S106203633**
SW **1261 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.184 mi.
974 ft. **Site 19 of 30 in cluster Y**

Relative: San Mateo Co. BI:
Lower
Name: JIM GRIFFIN & SON BRITISH
Actual: Address: 1261 SAN MATEO
20 ft. City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0024754
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0030093
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: JIM GRIFFIN & SON BRITISH

JIM GRIFFIN & SON BRITISH (Continued) **S106203633**

Address:	1261 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0024754
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0030094
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	JIM GRIFFIN & SON BRITISH
Address:	1261 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0024754
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043540
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AG276 **PIERCE TRUCKING** **LUST** **S106131318**
WSW **201 S LINDEN AVE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA**
0.188 mi.
992 ft. **Site 1 of 8 in cluster AG**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:

Name:	PIERCE TRUCKING
Address:	201 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	559015
Facility Status:	9- Case Closed
Global ID:	T0608161472
APN Number:	012331160
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

AG277 **PIERCE TRUCKING** **LUST** **S106716340**
WSW **201 SOUTH LINDEN AVENUE** **Cortese** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.188 mi.
992 ft. **Site 2 of 8 in cluster AG**

Relative:
Higher

Actual:
22 ft.

LUST:

Name:	PIERCE TRUCKING
Address:	201 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608161472
Global Id:	T0608161472
Latitude:	37.654523
Longitude:	-122.410815
Status:	Completed - Case Closed

PIERCE TRUCKING (Continued) **S106716340**

Status Date: 01/14/2000
Case Worker: JM
RB Case Number: Not reported
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 559015
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608161472
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608161472
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608161472
Action Type: ENFORCEMENT
Date: 09/24/1998
Action: * Historical Enforcement - #1

Global Id: T0608161472
Action Type: Other
Date: 01/10/1995
Action: Leak Reported

LUST:
Global Id: T0608161472
Status: Open - Case Begin Date
Status Date: 01/10/1995

Global Id: T0608161472
Status: Completed - Case Closed
Status Date: 01/14/2000

CORTESE:
Name: PIERCE TRUCKING
Address: 201 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported

PIERCE TRUCKING (Continued) **S106716340**

Global ID:	T0608161472
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	PIERCE TRUCKING
Address:	201 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	250358
CERS ID:	T0608161472
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AE278 **UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVEN** **ENVIROSTOR** **S111464702**
NW **EAST OF 69 S. LINDEN AVENUE** **VCP** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.189 mi.
998 ft. **Site 2 of 9 in cluster AE**

Relative:
Higher

Actual:
21 ft.

ENVIROSTOR:

Name:	UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE
Address:	EAST OF 69 S. LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	60001636
Status:	Active
Status Date:	03/06/2012
Site Code:	201931
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	2.97
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Nathan Unangst
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.64756
Longitude:	-122.4120
APN:	NONE SPECIFIED
Past Use:	RAILROAD RIGHT OF WAY, UNKNOWN
Potential COC:	Arsenic Lead Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Confirmed COC:	NONE SPECIFIED
Potential Description:	OTH, SOIL, SV, UE
Alias Name:	SL0608137279
Alias Type:	GeoTracker Global ID
Alias Name:	201931
Alias Type:	Project Code (Site Code)
Alias Name:	60001636
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/10/2021
Comments:	DTSC provided this Annual Cost Estimate to Union Pacific Railroad.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	09/17/2021
Comments:	Completed on 9/17/2021.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Completed Date: 01/09/2020
Comments: NOE Complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2017
Comments: The Annual Oversight Cost Estimate provides an estimate of DTSC oversight costs for the year beginning July 1, 2017 and ending June 30, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 03/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/17/2016
Comments: The Vapor Intrusion Evaluation Report documents a vapor intrusion investigation at the site. DTSC has reviewed and approved the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 08/17/2016
Comments: The Human Health Risk Assessment assesses potential risk to humans based on detected concentrations of contaminants at the site. DTSC has completed its review and approves this report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/23/2017
Comments: The March 2016 Quarterly Groundwater Monitoring Report describes the quarterly groundwater sampling that took place in March 2016. DTSC has reviewed and approves the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 08/03/2018
Comments: Focused FS accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 01/24/2020
Comments: Approved RAW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/24/2017
Comments: The revised June 2016 quarterly monitoring report provides the

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

results of groundwater monitoring in June 2016. It has addressed DTSC's previous comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/15/2017
Comments: The September 2016 groundwater monitoring report documents the quarterly groundwater monitoring results from September 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/08/2019
Comments: Updated schedule to correspond with public comment period for RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/15/2017
Comments: The January 2017 groundwater monitoring report documents the quarterly groundwater monitoring results from January 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/20/2017
Comments: Data report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 10/24/2019
Comments: Community Profile

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/08/2019
Comments: Public Notice

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/01/2018
Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/15/2018
Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/03/2019

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/12/2019
Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/02/2020
Comments: Report and data accepted without revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/11/2021
Comments: Data and report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/21/2015
Comments: This letter includes a cost estimate of DTSC oversight costs for the year starting July 1, 2015 and ending June 30, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 07/07/2015
Comments: preharp

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/24/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2016
Comments: This letter transmits DTSC’s estimate of oversight costs for the site for the time period July 1, 2016 - June 30, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 05/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/06/2014
Comments: The Site Investigation Report summarizes the 2013 field investigation

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

and presents an updated conceptual site model. The Report recommends the collection of sub-slab soil vapor samples, additional groundwater samples, and monitoring wells MW-01 through MW-05 for four quarters. DTSC accepts the Report's recommendations, but has requested a groundwater monitoring plan to be submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/11/2013
Comments: Fieldword took place 6/17/2013 to 7/11/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/01/2012
Comments: Union Pacific submitted to DTSC all previous environmental reports associated with the Site. DTSC reviewed these reports, provided comments, and made recommendations for future site investigations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 10/17/2014
Comments: The Groundwater Monitoring Plan describes the data quality objectives, sampling procedures, analytical methods, and frequency of groundwater monitoring activities for the Site. The October 17, 2014 Addendum to the Groundwater Monitoring Plan adds that during the first monitoring event, groundwater will also be analyzed for CAM-17 metals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/11/2014
Comments: The Revised Addendum to the Revised Final Sampling and Analysis Work Plan describes the proposed scope of work and procedures for conducting an additional investigation at the site. The investigation will include collecting groundwater samples and subslab vapor samples.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/25/2016
Comments: In 2014 additional site investigation was performed in accordance with the Revised Addendum to the Revised Final Sampling and Analysis Work Plan. The Updated Site Investigation and Conceptual Site Model (Report) incorporates the results from the 2014 investigation to provide an updated conceptual site model.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/12/2015
Comments: This report provides a summary of the quarterly groundwater monitoring activities performed in December 2014.

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 07/02/2015
Comments: The Indoor Air Sampling Work Plan describes proposed indoor air sampling activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/22/2015
Comments: This report provides the results from the March 2015 quarterly groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/18/2015
Comments: This document reports the quarterly groundwater monitoring results for June 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/23/2017
Comments: The December 2015 Quarterly Groundwater Monitoring Report describes the quarterly groundwater sampling that took place in December 2015. DTSC has reviewed and approves the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 08/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2012
Comments: Oversight Cost Estimate included as an Exhibit in the VCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/05/2013
Comments: This letter transmits DTSC’s oversight cost estimate for the Union Pacific Site Adjacent to 69 S Linden Avenue for the fiscal year starting July 1, 2013 and ending June 30, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 07/22/2014
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Future Document Type:	Certification
Future Due Date:	2022
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Land Use Restriction
Future Due Date:	2023
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2022
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Name:	UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE
Address:	EAST OF 69 S. LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	60001636
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.97
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nathan Unangst
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Site Code:	201931
Assembly:	22
Senate:	13
Special Programs Code:	Not reported
Status:	Active
Status Date:	03/06/2012
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.64756 / -122.4120
APN:	NONE SPECIFIED
Past Use:	RAILROAD RIGHT OF WAY, UNKNOWN
Potential COC:	30001, 30013, 30022, 30027, 30028, 30195
Confirmed COC:	NONE SPECIFIED
Potential Description:	OTH, SOIL, SV, UE
Alias Name:	SL0608137279
Alias Type:	GeoTracker Global ID
Alias Name:	201931
Alias Type:	Project Code (Site Code)
Alias Name:	60001636
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Completed Date: 09/10/2021
Comments: DTSC provided this Annual Cost Estimate to Union Pacific Railroad.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/17/2021
Comments: Completed on 9/17/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 01/09/2020
Comments: NOE Complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2017
Comments: The Annual Oversight Cost Estimate provides an estimate of DTSC oversight costs for the year beginning July 1, 2017 and ending June 30, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 03/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/17/2016
Comments: The Vapor Intrusion Evaluation Report documents a vapor intrusion investigation at the site. DTSC has reviewed and approved the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 08/17/2016
Comments: The Human Health Risk Assessment assesses potential risk to humans based on detected concentrations of contaminants at the site. DTSC has completed its review and approves this report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/23/2017
Comments: The March 2016 Quarterly Groundwater Monitoring Report describes the quarterly groundwater sampling that took place in March 2016. DTSC has reviewed and approves the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 08/03/2018
Comments: Focused FS accepted.

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 01/24/2020
Comments: Approved RAW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/24/2017
Comments: The revised June 2016 quarterly monitoring report provides the results of groundwater monitoring in June 2016. It has addressed DTSC's previous comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/15/2017
Comments: The September 2016 groundwater monitoring report documents the quarterly groundwater monitoring results from September 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/08/2019
Comments: Updated schedule to correspond with public comment period for RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/15/2017
Comments: The January 2017 groundwater monitoring report documents the quarterly groundwater monitoring results from January 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/20/2017
Comments: Data report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 10/24/2019
Comments: Community Profile

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/08/2019
Comments: Public Notice

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/01/2018
Comments: Data Report Accepted

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/15/2018
Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/03/2019
Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/12/2019
Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/02/2020
Comments: Report and data accepted without revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/11/2021
Comments: Data and report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/21/2015
Comments: This letter includes a cost estimate of DTSC oversight costs for the year starting July 1, 2015 and ending June 30, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 07/07/2015
Comments: preharp

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/24/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2016
Comments: This letter transmits DTSC’s estimate of oversight costs for the site for the time period July 1, 2016 - June 30, 2017.

Completed Area Name: PROJECT WIDE

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 05/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/06/2014
Comments: The Site Investigation Report summarizes the 2013 field investigation and presents an updated conceptual site model. The Report recommends the collection of sub-slab soil vapor samples, additional groundwater samples, and monitoring wells MW-01 through MW-05 for four quarters. DTSC accepts the Report's recommendations, but has requested a groundwater monitoring plan to be submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/11/2013
Comments: Fieldword took place 6/17/2013 to 7/11/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/01/2012
Comments: Union Pacific submitted to DTSC all previous environmental reports associated with the Site. DTSC reviewed these reports, provided comments, and made recommendations for future site investigations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 10/17/2014
Comments: The Groundwater Monitoring Plan describes the data quality objectives, sampling procedures, analytical methods, and frequency of groundwater monitoring activities for the Site. The October 17, 2014 Addendum to the Groundwater Monitoring Plan adds that during the first monitoring event, groundwater will also be analyzed for CAM-17 metals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/11/2014
Comments: The Revised Addendum to the Revised Final Sampling and Analysis Work Plan describes the proposed scope of work and procedures for conducting an additional investigation at the site. The investigation will include collecting groundwater samples and subslab vapor samples.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/25/2016
Comments: In 2014 additional site investigation was performed in accordance with the Revised Addendum to the Revised Final Sampling and Analysis

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Work Plan. The Updated Site Investigation and Conceptual Site Model (Report) incorporates the results from the 2014 investigation to provide an updated conceptual site model.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/12/2015
Comments: This report provides a summary of the quarterly groundwater monitoring activities performed in December 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 07/02/2015
Comments: The Indoor Air Sampling Work Plan describes proposed indoor air sampling activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/22/2015
Comments: This report provides the results from the March 2015 quarterly groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/18/2015
Comments: This document reports the quarterly groundwater monitoring results for June 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/23/2017
Comments: The December 2015 Quarterly Groundwater Monitoring Report describes the quarterly groundwater sampling that took place in December 2015. DTSC has reviewed and approves the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 08/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2012
Comments: Oversight Cost Estimate included as an Exhibit in the VCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/05/2013
Comments: This letter transmits DTSC’s oversight cost estimate for the Union

UNION PACIFIC - SITE ADJACENT TO 69 S. LINDEN AVENUE (Continued) **S111464702**

Pacific Site Adjacent to 69 S Linden Avenue for the fiscal year starting July 1, 2013 and ending June 30, 2014.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	07/22/2014
Comments:	Not reported
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2022
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Land Use Restriction
Future Due Date:	2023
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2022
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AH279 **GELCO TRUCK LEASING** **LUST** **S105035854**
NNW **1395 LOWRIE** **San Mateo Co. BI** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.191 mi.
1007 ft. **Site 1 of 8 in cluster AH**

Relative:
Higher

Actual:
22 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550013
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	PENSKE TRUCK LEASING CO., LP
Address:	1395 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0028474
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT

GELCO TRUCK LEASING (Continued) **S105035854**

Record Id:	PR0047341
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	PENSKE TRUCK LEASING CO., LP
Address:	1395 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0028474
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0047342
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	PENSKE TRUCK LEASING CO., LP
Address:	1395 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0028474
Prog Element Code:	2352
Record Id:	PR0071251
Description:	TIER I: TANK STOR CAP =>1,320 & <5,000 GAL
Facility Status:	Active, billable
Program Category:	ABOVE GROUND PETROLEUM STORAGE (AST)

AH280 **PENSKE TRUCK LEASING CO., LP** **AST** **A100423240**
NNW **1395 LOWRIE AVE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.191 mi.
1007 ft. **Site 2 of 8 in cluster AH**

Relative: **Higher**

Actual: **22 ft.**

AST:

Name:	PENSKE TRUCK LEASING CO., LP
Address:	1395 LOWRIE AVE
City/Zip:	SOUTH SAN FRANCISCO,94080
Certified Unified Program Agencies:	Not reported
Owner:	Penske Truck Leasing Co., LP
Total Gallons:	Not reported
CERSID:	10068910
Facility ID:	41-000-028474
Business Name:	Penske Truck Leasing Co., L.P.
Phone:	650-589-3099
Fax:	610-775-6442
Mailing Address:	Route 10, Green Hills, P O Box 7635
Mailing Address City:	Reading
Mailing Address State:	PA
Mailing Address Zip Code:	Not reported
Operator Name:	PENSKE TRUCK RENTAL & LEASING
Operator Phone:	610-775-6298
Owner Phone:	610-775-6298
Owner Mail Address:	Route 10, Green Hills, P O Box 7635
Owner State:	PA
Owner Zip Code:	Not reported
Owner Country:	United States
Property Owner Name:	Penske Truck Leasing Co., LP
Property Owner Phone:	610-775-6298

PENSKE TRUCK LEASING CO., LP (Continued) **A100423240**

Property Owner Mailing Address:	Route 10, Green Hills, P O Box 7635
Property Owner City:	Reading
Property Owner Stat :	PA
Property Owner Zip Code:	Not reported
Property Owner Country:	United States
EPAID:	CAL000273147

AH281 **GELCO TRUCK LEASING** **SWEEPS UST** **S101623117**
NNW **1395 LOWRIE AVE** **CA FID UST** **N/A**
1/8-1/4 **SO. SAN FRANCISCO, CA 94080**
0.191 mi.
1007 ft. **Site 3 of 8 in cluster AH**

Relative:
Higher

Actual:
22 ft.

SWEEPS UST:

Name:	GELCO TRUCK LEASING
Address:	1395 LOWRIE AVE
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550104
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

CA FID UST:

Facility ID:	41000930
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SO. SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

AH282 **PENSKE TRUCK LEASING CO., LP** **RCRA NonGen / NLR** **1024807184**
NNW **1395 LOWRIE AVENUE** **CAL000273147**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.191 mi.
1007 ft. **Site 4 of 8 in cluster AH**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20180727
Handler Name:	PENSKE TRUCK LEASING CO., LP
Handler Address:	1395 LOWRIE AVENUE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000273147
Contact Name:	CHRISTOPHER HAWK
Contact Address:	ROUTE 10 GREEN HILLS PO BOX 7635
Contact City,State,Zip:	READING, PA 19603
Contact Telephone:	610-775-6123
Contact Fax:	610-775-6442
Contact Email:	CHRISTOPHER.HAWK@PENSKE.COM
Contact Title:	SR. ENVIRONMENTAL COMPLIANCE ENGINEER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ROUTE 10 GREEN HILLS PO BOX 7635
Mailing City,State,Zip:	READING, PA 19603
Owner Name:	PENSKE TRUCK LEASING CO., LP
Owner Type:	Private
Operator Name:	PENSKE TRUCK LEASING CO., LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

PENSKE TRUCK LEASING CO., LP (Continued) **1024807184**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180727
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

PENSKE TRUCK LEASING CO., LP (Continued) **1024807184**

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PENSKE TRUCK LEASING CO., LP
Legal Status: Private
Date Became Current: 20060125
Date Ended Current: Not reported
Owner/Operator Address: 1395 LOWRIE AVENUE
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 610-775-6298
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 610-775-6442
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PENSKE TRUCK LEASING CO., LP
Legal Status: Private
Date Became Current: 20060125
Date Ended Current: Not reported
Owner/Operator Address: 1395 LOWRIE AVENUE
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 610-775-6298
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 610-775-6442
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PENSKE TRUCK LEASING CO., LP
Legal Status: Private
Date Became Current: 20060125
Date Ended Current: Not reported
Owner/Operator Address: ROUTE 10 GREEN HILLS PO BOX 7635
Owner/Operator City,State,Zip: READING, PA 19603
Owner/Operator Telephone: 610-775-6298
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 610-775-6442
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PENSKE TRUCK LEASING CO., LP
Legal Status: Private
Date Became Current: 20060125
Date Ended Current: Not reported
Owner/Operator Address: ROUTE 10 GREEN HILLS PO BOX 7635
Owner/Operator City,State,Zip: READING, PA 19603
Owner/Operator Telephone: 610-775-6298
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 610-775-6442
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180725
Handler Name: PENSKE TRUCK LEASING CO., LP
Federal Waste Generator Description: Not a generator, verified

PENSKE TRUCK LEASING CO., LP (Continued) **1024807184**

State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20180727
Handler Name:	PENSKE TRUCK LEASING CO., LP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	532120
NAICS Description:	TRUCK, UTILITY TRAILER, AND RV (RECREATIONAL VEHICLE) RENTAL AND LEASING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AH283 **GELCO TRUCKING LEASING DIV. GE** **HIST UST** **U001594771**
NNW **1395 LOWRIE AVE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.191 mi.
1007 ft. **Site 5 of 8 in cluster AH**

Relative: **Higher**
Actual: **22 ft.**

HIST UST:

Name:	GELCO TRUCKING LEASING DIV. GE
Address:	1395 LOWRIE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000046577
Facility Type:	Other
Other Type:	TRUCK LEASING
Contact Name:	PETER FALK
Telephone:	4153572120
Owner Name:	GELCO TRUCK LEASING DIV. GELCO
Owner Address:	1395 LOWRIE AVENUE
Owner City,St,Zip:	SOUTH SAN FRANCISCO, CA 94080

GELCO TRUCKING LEASING DIV. GE (Continued) **U001594771**

Total Tanks: 0001

Tank Num: 001
Container Num: 04-213
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

AH284 **GELCO TRUCKING LEASING DIV GE** **LUST** **U001594770**
NNW **1395 LOWRIE AVENUE** **HIST UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **Cortese**
0.191 mi. **HIST CORTESE**
1007 ft. **Site 6 of 8 in cluster AH** **CERS**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:
Name: GELCO TRUCK LEASING
Address: 1395 LOWRIE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550013
Facility Status: 9- Case Closed
Global ID: T0608100231
APN Number: 015115340
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: GELCO TRUCK LEASING
Address: 1395 LOWRIE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100231
Global Id: T0608100231
Latitude: 37.646558
Longitude: -122.409869
Status: Completed - Case Closed
Status Date: 08/04/1992
Case Worker: JM
RB Case Number: 41-0243
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550013
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100231
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported

GELCO TRUCKING LEASING DIV GE (Continued) **U001594770**

Phone Number: Not reported

Global Id: T0608100231
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100231
Action Type: Other
Date: 03/02/1987
Action: Leak Discovery

Global Id: T0608100231
Action Type: ENFORCEMENT
Date: 06/22/1992
Action: Notice of Responsibility - #1

Global Id: T0608100231
Action Type: ENFORCEMENT
Date: 10/07/1991
Action: Other Report

Global Id: T0608100231
Action Type: Other
Date: 03/02/1987
Action: Leak Reported

LUST:
Global Id: T0608100231
Status: Open - Case Begin Date
Status Date: 03/02/1987

Global Id: T0608100231
Status: Completed - Case Closed
Status Date: 08/04/1992

HIST UST:
Name: GELCO TRUCK LEASING DIV GELCO
Address: 1395 LOWRIE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BEC7
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BEC7.pdf
Region: STATE
Facility ID: 00000056584
Facility Type: Other
Other Type: TRUCK LEASING
Contact Name: CLYDE THORINGTON-DISTRICT MGR.
Telephone: 4155891642
Owner Name: GELCO TRUCK LEASING DIVISION G
Owner Address: 1395 LOWRIE AVENUE

GELCO TRUCKING LEASING DIV GE (Continued) **U001594770**

Owner City,St,Zip:	SOUTH SAN FRANCISCO, CA 94080
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

GELCO TRUCKING LEASING DIV GE (Continued) **U001594770**

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CORTESE:

Name:	GELCO TRUCK LEASING
Address:	1395 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100231
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	GELCO TRUCK LEASING
edr_fadd1:	1395 LOWRIE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0243

GELCO TRUCKING LEASING DIV GE (Continued) **U001594770**

CERS:
- Name: GELCO TRUCK LEASING
- Address: 1395 LOWRIE
- City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Site ID: 235616
- CERS ID: T0608100231
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
- Entity Title: Not reported
- Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
- Affiliation City: SAN MATEO
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: 6503995959,

- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

AH285 **GELCO TRUCK LEASING** **Notify 65** **U000052890**
NNW **1395 LOWRIE AVENUE** **N/A**
1/8-1/4 **SOUTH SAN FRANCI, CA 94080**
0.191 mi.
1007 ft. **Site 7 of 8 in cluster AH**

Relative:
Higher

Actual:
22 ft.

NOTIFY 65:
- Name: GELCO TRUCK LEASING
- Address: 1395 LOWRIE AVENUE
- City,State,Zip: SOUTH SAN FRANCI, CA 94080
- Date Reported: Not reported
- Staff Initials: Not reported
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Issue Date: Not reported
- Incident Description: Not reported
- Global ID: Not reported
- Status: Not reported

AH286 **PENSKE TRUCK LEASING CO., LP** **CERS HAZ WASTE** **S121774954**
NNW **1395 LOWRIE AVE** **CERS TANKS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.191 mi.
1007 ft. **Site 8 of 8 in cluster AH**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:
Name: PENSKE TRUCK LEASING CO., LP
Address: 1395 LOWRIE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 399246
CERS ID: 10068910
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: PENSKE TRUCK LEASING CO., LP
Address: 1395 LOWRIE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 399246
CERS ID: 10068910
CERS Description: Aboveground Petroleum Storage

CERS:
Name: PENSKE TRUCK LEASING CO., LP
Address: 1395 LOWRIE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 399246
CERS ID: 10068910
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Violation Date: 05-20-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to conduct spill prevention briefing for oil-handling personnel at least once a year to assure adequate understanding of the SPCC Plan.
Violation Notes: Returned to compliance on 06/10/2019.
Violation Division: San Mateo County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Violation Date: 05-20-2019
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Returned to compliance on 06/10/2019. OBSERVATION: Documented training of personnel was not available at the time of inspection. CORRECTIVE ACTION: Locate training documentation or conduct training with applicable personnel and document it. Submit a copy of the training documentation to the CUPA. Jose Ortiz needs to perform the annual training.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Violation Date: 04-25-2017
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 05/25/2017. Clean up minor oil spills around waste oil tank, filter crusher, oil basin for draining oil pans, etc.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Violation Date: 05-20-2019
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: Returned to compliance on 06/10/2019. OBSERVATION: A written hazardous waste tank assessment has not been obtained for the USED OIL tank system prior to placing system into service. CORRECTIVE ACTION: Obtain a written hazardous waste tank system assessment for the USED OIL tank system in accordance with 22 CCR 15 66265.192 and submit a copy to the CUPA.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Violation Date: 04-25-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22,

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

	Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/25/2017. update label to show current accumulation for aerosols.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	399246
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	04-23-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes:	Returned to compliance on 07/08/2016. No records of inspections present on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	399246
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	04-25-2017
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	APSA Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 08/11/2017. 55 gallon drums do not have secondary containment in the shop, and it is unclear if the 1000 gallon new oil tank has secondary containment. Demonstrate that all bulk oil containers have secondary containment.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	399246
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-20-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes:	Returned to compliance on 06/10/2019. OBSERVATION: Failure to provide

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

training to all oil-handling personnel regarding one or more of the following: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan. CORRECTIVE ACTION: Provide training in: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan. Dennis Rogers needs to complete his SPCC training this year.

Violation Division: San Mateo County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Violation Date: 05-20-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/20/2019. OBSERVATION: Aerosol drum in the wash rack area was observed without an accumulation start date. The oily debris drum did not have a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. Corrected during inspection both drums were labeled with all the proper information. VIOLATION CORRECTED DURING THE INSPECTION.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Violation Date: 04-25-2017
Citation: HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description: Failure to record in an operating log and retain for three years the following information for each shipment of recycled or exempted oil: 1) The name and address of the used oil recycling facility or generator claiming the oil meets the requirements of HSC 6.5 25250.1. 2) The name and address of the facility receiving the shipment. 3) The quantity of oil delivered. 4) The date of shipment or delivery. 5) A cross-reference to the records and documentation required under HSC 6.5 25250.1.
Violation Notes: Returned to compliance on 08/11/2017. Consolidated manifests for used oil not being kept on-site. please send most recent pick up receipts via email drompf@smcgov.org
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

Violation Date: 05-20-2019
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes: Returned to compliance on 05/20/2019. OBSERVATION: Owner/Operator failed to comply with one or more consolidated manifesting requirements. CORRECTIVE ACTION: Ensure that all wastes transported on a consolidated manifest meet all consolidated manifest requirements, and maintain copies of manifests for three years. Corrected during inspection. The used oil manifests for 1/24/2019,3-20-2019 and May 2019 (it is difficult to read the start date on the label)
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-29-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approval in the CERS portal.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved HMBP and UST pages
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2019

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspection started on 5-20-2019 and 5-22-2019. This site generates: USED OIL - 1-23-2019 275 gal, 3-20-2019 325 gal, 05-06-2019 350 gal USED FILTERS - SQG amounts USED COOLANT - SQG amounts USED PARTS WASHERS FLUID - SQG amounts
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-06-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS NEW SUBMITTAL ALL ELEMENTS
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-16-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	approved
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-23-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-23-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-20-2019

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspection statred on 5/20/2019 and completed on 5/22/2019.
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-02-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-07-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-25-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-12-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-20-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Started on 5/20/2019 and completed on 5/22/2019.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-05-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-16-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-30-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Site Address: 1395 LOWRIE AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 08-04-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 1/25/18: Facility violations have been marked corrected 5/25/17, 8/11/17.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Site Address: 1395 LOWRIE AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 04-23-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: APSA

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

Enf Action Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Site Address: 1395 LOWRIE AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 08-04-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 1/25/18: Facility violations have been marked corrected 5/25/17, 8/11/17.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 399246
Site Name: Penske Truck Leasing Co., LP
Site Address: 1395 LOWRIE AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 04-14-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Facility was marked complied 7/8/16.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Coordinates:
Site ID: 399246
Facility Name: Penske Truck Leasing Co., LP
Env Int Type Code: APSA
Program ID: 10068910
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.648964
Longitude: -122.410461

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Document Preparer
Entity Name: Rita J Trupp
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Brian Yazemboski
Entity Title:	Manager Environmental Services
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Brian Yazemboski
Entity Title:	Not reported
Affiliation Address:	Route 10, Green Hills, P O Box 7635
Affiliation City:	Reading
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	19603-7635
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	Route 10, Green Hills, P O Box 7635
Affiliation City:	Reading
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	19603-7635
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Penske Truck Leasing Co., LP
Entity Title:	Not reported
Affiliation Address:	Route 10, Green Hills, P O Box 7635
Affiliation City:	READING
Affiliation State:	PA
Affiliation Country:	United States
Affiliation Zip:	19603-7635
Affiliation Phone:	(610) 775-6298,
Affiliation Type Desc:	Operator
Entity Name:	PENSKE TRUCK RENTAL & LEASING
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(610) 775-6298,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Penske Truck Leasing Co., L.P.
Entity Title:	Not reported

PENSKE TRUCK LEASING CO., LP (Continued) **S121774954**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Penske Truck Leasing Co., LP
Entity Title:	Not reported
Affiliation Address:	Route 10, Green Hills, P O Box 7635
Affiliation City:	Reading
Affiliation State:	PA
Affiliation Country:	United States
Affiliation Zip:	19603-7635
Affiliation Phone:	(610) 775-6298,

Y287 **WILL-STA, INC.** **LUST** **S103472813**
SW **1276 MONTGOMERY** **San Mateo Co. BI** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **Cortese**
0.192 mi. **HIST CORTESE**
1013 ft. **Site 20 of 30 in cluster Y** **CERS**

Relative:
Lower

Actual:
20 ft.

SAN MATEO CO. LUST:

Name:	WILL-STA, INC.
Address:	1276 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA
Region:	SAN MATEO
Facility ID:	880011
Facility Status:	9- Case Closed
Global ID:	T0608100619
APN Number:	Not reported
Case Type:	SAN BRUNO, CA
EDR Link ID:	SAN BRUNO, CA

LUST:

Name:	WILL-STA, INC.
Address:	1276 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100619
Global Id:	T0608100619
Latitude:	37.640441
Longitude:	-122.41137
Status:	Completed - Case Closed
Status Date:	01/17/1996
Case Worker:	JM
RB Case Number:	41-0650
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	880011
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

WILL-STA, INC. (Continued) **S103472813**

LUST:
Global Id: T0608100619
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100619
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100619
Action Type: Other
Date: 09/10/1986
Action: Leak Discovery

Global Id: T0608100619
Action Type: ENFORCEMENT
Date: 06/05/1991
Action: Notice of Responsibility - #1

Global Id: T0608100619
Action Type: Other
Date: 10/02/1986
Action: Leak Reported

LUST:
Global Id: T0608100619
Status: Open - Case Begin Date
Status Date: 09/02/1986

Global Id: T0608100619
Status: Completed - Case Closed
Status Date: 01/17/1996

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 880011
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST

WILL-STA, INC. (Continued) **S103472813**

Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:

Name: A & Z AUTO BODY
Address: 1276 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0029457
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0053759
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: A & Z AUTO BODY
Address: 1276 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0029457
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0050145
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: A & Z AUTO BODY
Address: 1276 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0029457
Prog Element Code: BUSINESS PLAN - GENERAL
Record Id: PR0065036
Description: BUSINESS PLAN - GENERAL
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:

Name: WILL-STA, INC.
Address: 1276 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100619
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported

WILL-STA, INC. (Continued) **S103472813**

Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	WILL STA INC
edr_fadd1:	1276 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0650

CERS:

Name:	WILL-STA, INC.
Address:	1276 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	192382
CERS ID:	T0608100619
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

288
North
1/8-1/4
0.193 mi.
1017 ft.

SSF SEWAGE PUMP STATION #9
1479 SAN MATEO
SOUTH SAN FRANCISCO, CA 94080

San Mateo Co. BI **S117397362**
N/A

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:

Name:	SSF SEWAGE PUMP STATION #9
Address:	1479 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0008510
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022674
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	SSF SEWAGE PUMP STATION #9
Address:	1479 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0008510
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0027625
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SSF SEWAGE PUMP STATION #9
Address:	1479 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0008510
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0048014
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Y289
SW
1/8-1/4
0.196 mi.
1035 ft.

GRAFEN MACHINE WORKS
1245 SAN MATEO
SAN BRUNO, CA 94066

Site 21 of 30 in cluster Y

San Mateo Co. BI **S102269995**
N/A

Relative:
Lower

Actual:
20 ft.

San Mateo Co. BI:

Name:	GRAFEN MACHINE WORKS
Address:	1245 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018313
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0012218
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	GRAFEN MACHINE WORKS
Address:	1245 SAN MATEO

GRAFEN MACHINE WORKS (Continued) **S102269995**

City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018313
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004956
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: GRAFEN MACHINE WORKS
Address: 1245 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018313
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043579
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: LERA GLASS
Address: 1245 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0045226
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0058482
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: LERA GLASS
Address: 1245 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0045226
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0058481
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: LERA GLASS
Address: 1245 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0045226
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0058480
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Y290 **LERA GLASS INC** **RCRA NonGen / NLR** **1024848830**
SW **1245 SAN MATEO AVE** **CAL000404787**
1/8-1/4 **SAN BRUNO, CA 94066**
0.196 mi.
1035 ft. **Site 22 of 30 in cluster Y**

Relative: **Lower**

Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150302
Handler Name:	LERA GLASS INC	
Handler Address:		1245 SAN MATEO AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAL000404787
Contact Name:		JOHN ROOK
Contact Address:		1245 SAN MATEO AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		650-270-1306
Contact Fax:		Not reported
Contact Email:		LERAGLASS@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1245 SAN MATEO AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066
Owner Name:		LERA GLASS INC
Owner Type:		Other
Operator Name:		JOHN ROOK
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

LERA GLASS INC (Continued) **1024848830**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN ROOK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1245 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-270-1306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LERA GLASS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1245 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-270-1306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LERA GLASS INC (Continued) **1024848830**

Historic Generators:
Receive Date: 20150302
Handler Name: LERA GLASS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 339999
NAICS Description: ALL OTHER MISCELLANEOUS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AI291 **JAPAN AUTO SERVICE** **San Mateo Co. BI** **S109048824**
SW **1249 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.198 mi.
1043 ft. **Site 1 of 31 in cluster AI**

Relative:
Lower

Actual:
20 ft.

San Mateo Co. BI:
Name: JAPAN AUTO SERVICE
Address: 1249 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0022523
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024750
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: JAPAN AUTO SERVICE
Address: 1249 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0022523
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0024751
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: JAPAN AUTO SERVICE
Address: 1249 SAN MATEO

JAPAN AUTO SERVICE (Continued) **S109048824**

City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0022523
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043536
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	SEGOVIA AUTO BODY INC
Address:	1249 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0037330
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0054182
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	SEGOVIA AUTO BODY INC
Address:	1249 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0037330
Prog Element Code:	BUSINESS PLAN - GENERAL
Record Id:	PR0070387
Description:	BUSINESS PLAN - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SEGOVIA AUTO BODY INC
Address:	1249 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0037330
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0054181
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

AI292 **SEGOVIA AUTO BODY INC** **RCRA NonGen / NLR** **1024816139**
SW **1249 SAN MATEO AVE** **CAL000316530**
1/8-1/4 **SAN BRUNO, CA 94066**
0.198 mi.
1043 ft. **Site 2 of 31 in cluster AI**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		20070216
Handler Name:	SEGOVIA AUTO BODY INC	
Handler Address:		1249 SAN MATEO AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066-1528
EPA ID:		CAL000316530
Contact Name:		JOSE SEGOVIA
Contact Address:		1249 SAN MATEO AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		650-583-8084

Actual:
20 ft.

SEGOVIA AUTO BODY INC (Continued) **1024816139**

Contact Fax:	650-583-8075
Contact Email:	SEGOVIAAUTO@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1249 SAN MATEO AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066-1528
Owner Name:	SEGOVIA AUTO BODY INC
Owner Type:	Other
Operator Name:	JOSE SEGOVIA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

SEGOVIA AUTO BODY INC (Continued) **1024816139**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSE SEGOVIA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1249 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-583-8084
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEGOVIA AUTO BODY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24494 PONTIAC ST
Owner/Operator City,State,Zip:	HAYWARD, CA 94066
Owner/Operator Telephone:	415-385-0724
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20070216
Handler Name: SEGOVIA AUTO BODY INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SEGOVIA AUTO BODY INC (Continued) **1024816139**

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AJ293 **ALPHA RESTORATION & WATER PROOFING** **San Mateo Co. BI** **S117398406**
ESE **454 AIRPORT** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.201 mi.
1059 ft. **Site 1 of 3 in cluster AJ**

Relative: **Lower**
Actual: **17 ft.**

San Mateo Co. BI:
Name: ALPHA RESTORATION & WATER PROOFING
Address: 454 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0035012
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0053027
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ALPHA RESTORATION & WATER PROOFING
Address: 454 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0035012
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0053026
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

AJ294 **ALPHA RESTORATION & WATER PROOFING** **RCRA NonGen / NLR** **1024817937**
ESE **454 S AIRPORT BLVD** **CAL000323328**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.201 mi.
1059 ft. **Site 2 of 3 in cluster AJ**

Relative: **Lower**
Actual: **17 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20070808
Handler Name: ALPHA RESTORATION & WATER PROOFING
Handler Address: 454 S AIRPORT BLVD
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-6911
EPA ID: CAL000323328
Contact Name: JACK TABRI
Contact Address: 218 LITTLEFIELD AVENUE
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

ALPHA RESTORATION & WATER PROOFING (Continued) **1024817937**

Contact Telephone:	650-875-7500
Contact Fax:	650-875-7723
Contact Email:	DENISE@ALPHARESTORATION.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	218 LITTLEFIELD AVENUE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6911
Owner Name:	EMILE KISHEK
Owner Type:	Other
Operator Name:	JACK TABRI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

ALPHA RESTORATION & WATER PROOFING (Continued) **1024817937**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EMILE KISHEK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	218 LITTLEFILELD AVENUE
Owner/Operator City,State,Zip:	SO. SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone:	650-875-7500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACK TABRI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	218 LITTLEFIELD AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-875-7500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20070808
Handler Name:	ALPHA RESTORATION & WATER PROOFING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

ALPHA RESTORATION & WATER PROOFING (Continued) **1024817937**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AI295 **SUPERIOR AUTO REPAIR** **RCRA NonGen / NLR** **1024822571**
SW **1253 SAN MATEO AVE** **CAL000340967**
1/8-1/4 **SAN BRUNO, CA 94066**
0.201 mi.
1059 ft. **Site 3 of 31 in cluster AI**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20090227
Handler Name:	SUPERIOR AUTO REPAIR	
Handler Address:		1253 SAN MATEO AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066-0000
EPA ID:		CAL000340967
Contact Name:		NAPOLEON MAGANA GARCIA
Contact Address:		1253 SAN MATEO AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		650-225-9444
Contact Fax:		650-225-9449
Contact Email:		SUPERIORBODY1253@HOTMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1253 SAN MATEO AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066-0000
Owner Name:		NAPOLEON MAGANA GARCIA
Owner Type:		Other
Operator Name:		NAPOLEON MAGANA GARCIA
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No

SUPERIOR AUTO REPAIR (Continued) **1024822571**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NAPOLEON MAGANA GARCIA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	434 38TH ST
Owner/Operator City,State,Zip:	RICHMOND, CA 94805
Owner/Operator Telephone:	707-330-0710

SUPERIOR AUTO REPAIR (Continued) **1024822571**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NAPOLEON MAGANA GARCIA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1253 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-225-9444
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20090227
Handler Name: SUPERIOR AUTO REPAIR	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AI296 **SUPERIOR AUTO REPAIR** **CERS HAZ WASTE** **S113135155**
SW **1253 SAN MATEO AVE** **HAZNET** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **CERS**
0.201 mi. **HWTS**
1059 ft. **Site 4 of 31 in cluster AI**

Relative: **Lower**

Actual: **20 ft.**

CERS HAZ WASTE:

Name:	SUPERIOR AUTO REPAIR
Address:	1253 SAN MATEO AVE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	158274
CERS ID:	10071502
CERS Description:	Hazardous Waste Generator

SUPERIOR AUTO REPAIR (Continued) **S113135155**

HAZNET:

Name:	SUPERIOR AUTO REPAIR
Address:	1253 SAN MATEO AVE
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940660000
Contact:	JOSE MAGANA
Telephone:	6502259444
Mailing Name:	Not reported
Mailing Address:	1253 SAN MATEO AVE
Year:	2005
Gepaid:	CAL000289276
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.054

Additional Info:

Year:	2005
Gen EPA ID:	CAL000289276
Shipment Date:	20050815
Creation Date:	4/13/2006 18:46:51
Receipt Date:	20050818
Manifest ID:	24113264
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.054
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	SUPERIOR AUTO REPAIR
Address:	1253 SAN MATEO AVE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	158274
CERS ID:	10071502
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	158274

SUPERIOR AUTO REPAIR (Continued) **S113135155**

Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	10-23-2020
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 10/23/2020. OBSERVATION: The HMBP was submitted 07/07/2020, 04/20/2020, 03/25/2019, 03/08/2019, and 03/22/2018. The 4-20-20 HMBP submittal was not submitted within 12 months of the 3-25-19 HMBP submittal. CORRECTIVE ACTION: On an ongoing basis, continue to electronically submit and certify the business plan annually on or before the annual due date (within 12 months of the previous submittal).
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	158274
Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	03-22-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 10/05/2018. OBSERVATION: The facility demonstrated that the most recent hazardous waste and hazardous material management training occurred on 1-2-14. CORRECTIVE ACTION: Ensure that the facility employees receive hazardous material management training annually and document it. Submit documentation to the unified program agency demonstrating appropriate personnel have received initial training and maintain ongoing annual training records for a minimum of three years. Within 30 days submit a copy of the 2018 employees hazardous material management training to the SMC CUPA.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	158274
Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	03-12-2014
Citation:	HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a)
Violation Description:	Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 08/20/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	158274
Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	02-19-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter

SUPERIOR AUTO REPAIR (Continued) **S113135155**

	1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 02/19/2016. Funnel on thinner waste drum closed during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	158274
Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	10-23-2020
Citation:	22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description:	Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies) . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment . 3) Lamps shall be marked with Universal Waste-Lamp(s) . 4)Each electronic devices or the container or the designated area shall be marked with Universal Waste-Electronic Device(s) . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s) . 6) CRT glass or the designated area shall be marked with Universal Waste-CRT glass .
Violation Notes:	Returned to compliance on 02/02/2021. OBSERVATION: Approximately 10 used universal waste lamps leaning against the back wall of the shop were not label. CORRECTIVE ACTION: Properly place these lamps in to a container compatible with the waste and label it as universal waste lamp(s). Within 30 days submit corrective action documentation to this office.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	158274
Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	03-22-2018
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 03/22/2018. OBSERVATION: Emergency information of the "emergency coordinator" was not posted next to the telephone. During the inspection, the modified emergency contingency plan was completed and posted in the front office. CORRECTIVE ACTION: Continue to post all required emergency information next to the telephone.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	158274
Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	02-19-2016

SUPERIOR AUTO REPAIR (Continued) **S113135155**

Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Returned to compliance on 04/04/2016. Inactive EPA ID #. Reactivation form completed during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	158274
Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	10-23-2020
Citation:	22 CCR 23 66273.35 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.35
Violation Description:	Failure to accumulate universal waste for one year or less and to demonstrate the length of time that the universal waste has been accumulated from the date it became a waste or was received.
Violation Notes:	Returned to compliance on 02/02/2021. OBSERVATION: Approximately 10 used universal waste lamps leaning against the back wall of the shop were not label. Facility did not demonstrate that the universal waste has been accumulating less than one year. CORRECTIVE ACTION: Properly dispose of the universal waste lamps. Within 30 days, submit a copy of the disposal record to this office.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	158274
Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	02-19-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/22/2018. The facility's Hazardous Materials Inventory Chemical Description is missing new thinner which is received in 55-gallon drums. Revise the Hazardous Materials Inventory Chemical Description page to include all materials present above threshold.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	158274
Site Name:	SUPERIOR AUTO REPAIR
Violation Date:	03-22-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 10/05/2018. OBSERVATION: The business could not demonstrate that the property owner has been notified in writing that the business is subject to the business plan program and has complied with its provisions. CORRECTIVE ACTION: Notify the property owner in writing that the business is subject to the business plan

SUPERIOR AUTO REPAIR (Continued) **S113135155**

program and has complied with its provisions. Within 30 days, submit documentation of correction to the SMC CUPA.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 158274
Site Name: SUPERIOR AUTO REPAIR
Violation Date: 03-22-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/22/2018. OBSERVATION: The most recent HMBP submittal was from 2014. The business has not annually reviewed and submitted the business plan after 2014. During the inspection, the HMBP of the business was reviewed and submitted at the SMC Portal. CORRECTIVE ACTION: Continue to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA annually.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-12-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-22-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Assisted Norma Diaz with updating and submitting the 2018 HMBP information. HMBP submittal accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-20-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Assisted with user name request. They submitted corrections and plan was accepted with some minor comments.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-19-2016

SUPERIOR AUTO REPAIR (Continued) **S113135155**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-22-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous materials inspection. This facility has the following on site: 55 gallon drum of waste paint related material. 55 gallon drum of solvent.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-22-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous waste inspection. 55 gallons of waste paint related material was picked up on 1-25-18.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-17-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-12-2014

SUPERIOR AUTO REPAIR (Continued) **S113135155**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-19-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-20-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-05-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site to conduct a follow up hazardous materials inspection. Verified that the HMBP training records are on site. The most recent training was 10-5-18. Verified that business operator has notified the property owner in writing that the business is subject to the Hazardous Materials Business Plan program and has complied with its provisions.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-23-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. Facility stores the following up to: Paint thinner 55.0 Gallons Waste thinner 55.0 Gallons
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-23-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. The facility has had the following pick ups: 55 gal. of waste paint related material on 10-9-20 per manifest 013941617FLE. 55 gal. of waste paint related material on 5-29-20 per manifest 013941367FLE. 55 gal. of waste paint related

SUPERIOR AUTO REPAIR (Continued) **S113135155**

material on 1-13-20 per manifest 013941278FLE. 55 gal. of waste paint related material on 8-27-19 per manifest 013188728FLE. 55 gal. of waste paint related material on 3-13-19 per manifest 013941367FLE. 55 gal. of waste paint related material on 10-15-18 per manifest 012013743FLE.

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-22-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP submittal reviewed and not accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-09-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP submittal reviewed and accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 158274
Site Name: SUPERIOR AUTO REPAIR
Site Address: 1253 SAN MATEO AVE
Site City: SAN BRUNO
Site Zip: 94066
Enf Action Date: 01-14-2021
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 158274
Site Name: SUPERIOR AUTO REPAIR
Site Address: 1253 SAN MATEO AVE
Site City: SAN BRUNO
Site Zip: 94066
Enf Action Date: 03-12-2014
Enf Action Type: Notice of Violation (Unified Program)

SUPERIOR AUTO REPAIR (Continued) **S113135155**

Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 158274
Facility Name: SUPERIOR AUTO REPAIR
Env Int Type Code: HWG
Program ID: 10071502
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.640150
Longitude: -122.411850

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Document Preparer
Entity Name: NORMA DIAZ
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: MAGANA, NAPOLEON
Entity Title: Not reported
Affiliation Address: 1253 san mateo ave SAN MATEO
Affiliation City: SAN BRUNO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94066
Affiliation Phone: (707) 330-0710,

Affiliation Type Desc: Operator
Entity Name: Napoleon magana Garcia
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 330-0710,

SUPERIOR AUTO REPAIR (Continued) **S113135155**

Affiliation Type Desc:	Parent Corporation
Entity Name:	SUPERIOR AUTO REPAIR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	NORMA DIAZ
Entity Title:	SECRETARY
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Property Owner
Entity Name:	George and Vicki Abrahamsohn
Entity Title:	Not reported
Affiliation Address:	78 Kathleen Ct
Affiliation City:	Pacifica
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94044
Affiliation Phone:	(650) 355-3167,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Napoleon Magana garcia
Entity Title:	Not reported
Affiliation Address:	1253 san mateo ave
Affiliation City:	san bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1253 SAN MATEO AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,

HWTS:

Name:	SUPERIOR AUTO REPAIR
Address:	1253 SAN MATEO AVE
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940660000
EPA ID:	CAL000289276

SUPERIOR AUTO REPAIR (Continued) **S113135155**

Inactive Date:	02/18/2009
Create Date:	12/17/2004
Last Act Date:	04/15/2009
Mailing Name:	Not reported
Mailing Address:	1253 SAN MATEO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN BRUNO, CA 940660000
Owner Name:	JOSE ELIAS MAGANA
Owner Address:	2886 LINCOLN AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	RICHMOND, CA 948041324
Contact Name:	JOSE MAGANA
Contact Address:	1253 SAN MATEO AVE
Contact Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940660000

NAICS:

EPA ID:	CAL000289276
Create Date:	2004-12-17 13:22:43.230
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2004-12-17 13:22:43.20000
Inactive Date:	2009-02-18 00:00:00
Facility Name:	SUPERIOR AUTO REPAIR
Facility Address:	1253 SAN MATEO AVE
Facility Address 2:	Not reported
Facility City:	SAN BRUNO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940660000

AI297 **SAN BRUNO AUTO KRAFT** **RCRA-SQG** **1001075552**
SW **1253 SAN MATEO AVE** **FINDS** **CAR000006403**
1/8-1/4 **SAN BRUNO, CA 94066** **ECHO**
0.201 mi. **San Mateo Co. BI**
1059 ft. **Site 5 of 31 in cluster AI** **EMI**
CERS

Relative:
Lower

Actual:
20 ft.

RCRA-SQG:

Date Form Received by Agency:		19951016
Handler Name:	SAN BRUNO AUTO KRAFT	
Handler Address:		1253 SAN MATEO AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAR000006403
Contact Name:		ROGER BRIEN
Contact Address:		1253 SAN MATEO AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		415-588-2581
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported

SAN BRUNO AUTO KRAFT (Continued) **1001075552**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SAN MATEO AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066
Owner Name:	ROGER K BRIEN
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915

SAN BRUNO AUTO KRAFT (Continued) **1001075552**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROGER K BRIEN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1253 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	415-588-2581
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19951016
Handler Name: SAN BRUNO AUTO KRAFT	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110009552153

Click Here:

Environmental Interest/Information System:
HAZARDOUS AIR POLLUTANT MAJOR
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

SAN BRUNO AUTO KRAFT (Continued) **1001075552**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001075552
Registry ID:	110009552153
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009552153
Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066

San Mateo Co. BI:

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0011552
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0012237
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0011552
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0005022
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0011552
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043509
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	SUPERIOR AUTO REPAIR
Address:	1253 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0045145
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0057889

SAN BRUNO AUTO KRAFT (Continued) **1001075552**

Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SUPERIOR AUTO REPAIR
Address: 1253 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0045145
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0057890
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SUPERIOR AUTO REPAIR
Address: 1253 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0045145
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0057888
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: SUPERIOR AUTO REPAIR
Address: 1253 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0028821
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0048453
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SUPERIOR AUTO REPAIR
Address: 1253 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0028821
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0048452
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SUPERIOR AUTO REPAIR
Address: 1253 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0028821
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0055026
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable

SAN BRUNO AUTO KRAFT (Continued) **1001075552**

Program Category: BUSINESS PLAN PROGRAM

EMI:

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0

SAN BRUNO AUTO KRAFT (Continued) **1001075552**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

SAN BRUNO AUTO KRAFT (Continued) **1001075552**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA

SAN BRUNO AUTO KRAFT (Continued) **1001075552**

SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 940660000
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	4721
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.263
Reactive Organic Gases Tons/Yr:	0.220707
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	SAN BRUNO AUTO KRAFT
Address:	1253 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066-1528
Site ID:	491816
CERS ID:	110009552153
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	ENVIR MGMT
Entity Title:	Not reported
Affiliation Address:	1269 SAN MATEO AVE
Affiliation City:	SANBRUNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	ROGER BRIEN
Entity Title:	Not reported
Affiliation Address:	1253 SAN MATEO AVE
Affiliation City:	SANBRUNO
Affiliation State:	CA

SAN BRUNO AUTO KRAFT (Continued) **1001075552**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AK298 **ULTRA CLEAN TECHNOLOGY** **San Mateo Co. BI** **S117398289**
SE **171 BEACON** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.202 mi.
1066 ft. **Site 1 of 12 in cluster AK**

Relative: **Lower**
Actual: **18 ft.**

San Mateo Co. BI:
Name: ULTRA CLEAN TECHNOLOGY
Address: 171 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028613
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0047820
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

AF299 **CABLECOM LLC** **RCRA NonGen / NLR** **1025859724**
ENE **137 UTAH AVE** **CAC003040298**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.202 mi.
1067 ft. **Site 8 of 8 in cluster AF**

Relative: **Lower**
Actual: **19 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20191024
Handler Name: CABLECOM LLC
Handler Address: 137 UTAH AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-6711
EPA ID: CAC003040298
Contact Name: ROFF GRIMES
Contact Address: 20021 120TH AVE NE
Contact City,State,Zip: BOTHELL, WA 98011
Contact Telephone: 530-363-2094
Contact Fax: 360-668-1400
Contact Email: ROFF.GRIMES@CABLECOMLLC.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 20021 120TH AVE NE
Mailing City,State,Zip: BOTHELL, WA 98011
Owner Name: CABLECOM LLC
Owner Type: Other
Operator Name: ROFF GRIMES

CABLECOM LLC (Continued) **1025859724**

Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191025
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

CABLECOM LLC (Continued) **1025859724**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CABLECOM LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20021 120TH AVE NE
Owner/Operator City,State,Zip:	BOTHELL, WA 98011
Owner/Operator Telephone:	530-363-2094
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROFF GRIMES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20021 120TH AVE NE
Owner/Operator City,State,Zip:	BOTHELL, WA 98011
Owner/Operator Telephone:	530-363-2094
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191024
Handler Name: CABLECOM LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	238290
NAICS Description:	OTHER BUILDING EQUIPMENT CONTRACTORS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AA300 **BOB LEECHS AUTORENTAL-SFO** **HIST UST** **S101623107**
ESE **435 SO AIRPORT BLVD** **CA FID UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.205 mi.
1084 ft. **Site 9 of 12 in cluster AA**

Relative:
Lower

Actual:
17 ft.

HIST UST:

Name:	BOB LEECHS AUTORENTAL-SFO
Address:	435 SO AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C341
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C341.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	41004916
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4155832727
Mail To:	Not reported
Mailing Address:	435 S AIRPORT BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SO. SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

AA301 **BOB LEECH'S AUTORENTAL-SFO** **LUST** **U001594741**
ESE **435 S AIRPORT BLVD** **HIST UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.205 mi.
1084 ft. **Site 10 of 12 in cluster AA**

Relative: **Lower**

Actual: **17 ft.**

SAN MATEO CO. LUST:

Name:	BOB LEECH'S AUTO RENTAL
Address:	435 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550128
Facility Status:	9- Case Closed
Global ID:	T0608100753
APN Number:	015180140
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HIST UST:

Name:	BOB LEECH'S AUTORENTAL-SFO
Address:	435 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000010130
Facility Type:	Other
Other Type:	AUTORENTAL
Contact Name:	Not reported
Telephone:	4155832727
Owner Name:	STLB INC DBA BOB LEECH'S AUTOR
Owner Address:	435 SO AIRPORT BLVD
Owner City,St,Zip:	SO SAN FRANCISCO, CA 94080
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1979
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual

AA302 **BOB LEECH'S AUTORENTAL-SFO** **SWEEPS UST** **S105033241**
ESE **435 S AIRPORT BLVD** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.205 mi.
1084 ft. **Site 11 of 12 in cluster AA**

Relative: **Lower**

Actual: **17 ft.**

SWEEPS UST:

Name:	BOB LEECH'S AUTORENTAL-SFO
Address:	435 S AIRPORT BLVD
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550046
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported

BOB LEECH'S AUTORENTAL-SFO (Continued) **S105033241**

Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550046-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

Name:	BOB LEECH'S AUTORENTAL-SFO
Address:	435 S AIRPORT BLVD
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550046
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

AA303 **BOB LEECH'S AUTO RENTAL** **LUST** **S104161797**
ESE **435 AIRPORT** **San Mateo Co. Bl** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **Cortese**
0.205 mi. **HIST CORTESE**
1084 ft. **Site 12 of 12 in cluster AA**

Relative: **Lower**

Actual: **17 ft.**

LUST:

Name:	BOB LEECH'S AUTO RENTAL
Address:	435 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100753
Global Id:	T0608100753
Latitude:	37.642444
Longitude:	-122.40222
Status:	Completed - Case Closed
Status Date:	03/15/2001
Case Worker:	JM
RB Case Number:	41-0797
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550128
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BOB LEECH'S AUTO RENTAL (Continued) **S104161797**

LUST:
Global Id: T0608100753
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100753
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100753
Action Type: ENFORCEMENT
Date: 04/13/1994
Action: Notice of Responsibility - #1

Global Id: T0608100753
Action Type: Other
Date: 03/10/1994
Action: Leak Reported

Global Id: T0608100753
Action Type: REMEDIATION
Date: 04/01/1994
Action: Excavation

LUST:
Global Id: T0608100753
Status: Open - Case Begin Date
Status Date: 03/10/1994

Global Id: T0608100753
Status: Completed - Case Closed
Status Date: 03/15/2001

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550128
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST

BOB LEECH'S AUTO RENTAL (Continued) **S104161797**

Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: BOB LEECHS AUTO RENTAL SFO
Address: 435 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017709
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022601
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

CORTESE:
Name: BOB LEECH'S AUTO RENTAL
Address: 435 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100753
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: BOB LEECH'S AUTO RENTAL
edr_fadd1: 435 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0797

Y304 **SAN BRUNO TRANSFER STATION** **SWF/LF** **S113020061**
SW **101 TANFORAN AVE** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **HAZNET**
0.207 mi. **NPDES**
1093 ft. **Site 23 of 30 in cluster Y** **CIWQS**
CERS
Relative: **HWTS**
Lower

Actual: **20 ft.**

SWF/LF (SWIS):

Name:	SAN BRUNO TRANSFER STATION
Address:	101 TANFORAN AVE
City,State,Zip:	SAN BRUNO, CA 94066
Region:	STATE
Facility ID:	41-AA-0014
SWIS Number:	41-AA-0014
Point of Contact:	Kelsey Orr
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	San Bruno
Reporting Agency Legal Name:	County of San Mateo
Reporting Agency Department:	Health Department, Environmental Health Services Division
Enforcing Agency Legal Name:	County of San Mateo
Enforcing Agency Department:	Health Department, Environmental Health Services Division
Regulation Status:	Permitted

Activity:

SWIS Number:	41-AA-0014
Site Name:	San Bruno Transfer Station
Activity:	Large Volume Transfer/Processing Facility
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Monthly
Throughput:	120
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	768
Capacity Units:	Tons per day
Total Acreage:	0.5
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Kelsey Orr
Site Operational Status:	Active

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Site Regulatory Status:	Permitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	San Mateo
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	San Bruno
Street Address:	101 Tanforan Ave
City:	San Bruno
State:	CA
ZIP Code:	94066
Reporting Agency Legal Name:	County of San Mateo
Reporting Agency Department:	Health Department, Environmental Health Services Division
Enforcing Agency Legal Name:	County of San Mateo
Enforcing Agency Department:	Health Department, Environmental Health Services Division

Operator:

SWIS Number:	41-AA-0014
Site Name:	San Bruno Transfer Station
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	37.64053
Longitude:	-122.41272
Is Archived:	No
Operator:	Recology of San Bruno
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(650) 583-8536
Street Address:	101 Tanforan Ave
Operator City:	San Bruno
Operator State:	CA
Operator Zip:	94066

Owner:

SWIS Number:	41-AA-0014
Owner:	Recology of San Bruno
Owner Address:	101 Tanforan Avenue
Owner City:	San Bruno
Owner State:	CA
Owner Zip:	94066
Site Name:	San Bruno Transfer Station
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	37.64053
Longitude:	-122.41272
Is Archived:	No

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Started On: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Email: Not reported
Contact Phone: (650) 583-8536

Waste:
SWIS Number: 41-AA-0014
Site Name: San Bruno Transfer Station
Activity: Large Volume Transfer/Processing Facility
Waste Type: Mixed municipal
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Permitted
Site Type: Non-Disposal Only
Point of Contact: Kelsey Orr
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Facility

CERS HAZ WASTE:
Name: SAN BRUNO TRANSFER STATION
Address: 101 TANFORAN AVE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 64357
CERS ID: 10066522
CERS Description: Hazardous Waste Generator

HAZNET:
Name: SAN MATEO COUNTY - ENVIRONMENTAL HEALTH
Address: 101 TANFORAN AVE
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940661534
Contact: ELIZABETH ROUAN
Telephone: 6506556202
Mailing Name: Not reported
Mailing Address: 32 TOWER RD

Year: 2014
Gepaid: CAH111000515
TSD EPA ID: CAD980887418
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.43785

Year: 2011
Gepaid: CAH111000515
TSD EPA ID: CAD980887418
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 5.35845

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Year: 2010
Gepaid: CAH111000515
TSD EPA ID: WAD991281767
CA Waste Code: 612 - Household waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.975

Year: 2010
Gepaid: CAH111000515
TSD EPA ID: KSD980633259
CA Waste Code: 612 - Household waste
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 1.4825

Year: 2010
Gepaid: CAH111000515
TSD EPA ID: NVD980895338
CA Waste Code: 612 - Household waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.0425

Year: 2009
Gepaid: CAH111000515
TSD EPA ID: KSD980633259
CA Waste Code: 612 - Household waste
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 3.075

Year: 2009
Gepaid: CAH111000515
TSD EPA ID: WAD991281767
CA Waste Code: 612 - Household waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 3.85

Year: 2009
Gepaid: CAH111000515
TSD EPA ID: NVD980895338
CA Waste Code: 612 - Household waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.525

Year: 2009
Gepaid: CAH111000515
TSD EPA ID: NVD980895338
CA Waste Code: 612 - Household waste
Disposal Method: H071 - Chemical Reduction With Or Without Precipitation
Tons: 0.0175

Year: 2008
Gepaid: CAH111000515
TSD EPA ID: WAD991281767
CA Waste Code: 612 - Household waste

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Disposal Method: -
Tons: Not reported

Click this hyperlink while viewing on your computer to access
27 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2000
Gen EPA ID: CAH111000515

Shipment Date: 20001215
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001216
Manifest ID: 20817436
Trans EPA ID: CAD982413262
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980887418
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 5.491
Waste Quantity: 1445
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000609
Creation Date: 8/14/2000 0:00:00
Receipt Date: 20000609
Manifest ID: 99476751
Trans EPA ID: CAD982413262
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980887418
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 5.32
Waste Quantity: 1400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAH111000515
Shipment Date:	19991203
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991206
Manifest ID:	99322603
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991203
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991206
Manifest ID:	99322603
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991203
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991206

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Manifest ID:	99322603
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991120
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991122
Manifest ID:	99330630
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991120
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991122
Manifest ID:	99330630
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991120
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991122
Manifest ID:	99330630
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.6054
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990918
Creation Date:	11/18/1999 0:00:00
Receipt Date:	19990921
Manifest ID:	99322602
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.3127
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990918
Creation Date:	11/18/1999 0:00:00
Receipt Date:	19990921
Manifest ID:	99322602
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990820
Creation Date:	10/12/1999 0:00:00
Receipt Date:	19990821
Manifest ID:	99474849
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982446874
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990629
Creation Date:	8/24/1999 0:00:00
Receipt Date:	19990701
Manifest ID:	98643044
Trans EPA ID:	CAD982413262
Trans Name:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.84
Waste Quantity:	1800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAH111000515
Shipment Date:	20081211
Creation Date:	4/29/2009 18:30:21
Receipt Date:	20081218
Manifest ID:	005031292JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081211
Creation Date:	4/29/2009 18:30:21
Receipt Date:	20081218
Manifest ID:	005031292JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081211
Creation Date:	4/29/2009 18:30:21
Receipt Date:	20081218
Manifest ID:	005031292JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081211
Creation Date:	4/29/2009 18:30:08
Receipt Date:	20081223
Manifest ID:	005031293JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081211
Creation Date:	4/29/2009 18:30:08
Receipt Date:	20081223
Manifest ID:	005031293JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081211
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005031293JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081211
Creation Date:	4/29/2009 18:30:08

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Receipt Date:	20081223
Manifest ID:	005031293JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081211
Creation Date:	4/29/2009 18:30:08
Receipt Date:	20081223
Manifest ID:	005031293JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081211
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005031293JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081211
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005031293JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAH111000515
Shipment Date:	20071213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003376157JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKET LINE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003376157JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKET LINE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071213
Creation Date:	5/21/2008 18:30:15
Receipt Date:	20071218
Manifest ID:	003376158JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071213
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071228
Manifest ID:	003376157JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKET LINE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071213
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071228
Manifest ID:	003376157JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKET LINE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071213

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071228
Manifest ID:	003376157JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKET LINE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003376157JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKET LINE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003376157JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKET LINE

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003376157JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKET LINE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL INC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06612
Waste Quantity:	60
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071213
Creation Date:	5/21/2008 18:30:15
Receipt Date:	20071218
Manifest ID:	003376158JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAH111000515
Shipment Date:	20030616
Creation Date:	7/20/2004 12:51:42
Receipt Date:	20030616
Manifest ID:	22680067
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.415
Waste Quantity:	1425
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAH111000515
Shipment Date:	20051219
Creation Date:	1/4/2007 18:30:12
Receipt Date:	20051219
Manifest ID:	24734210
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Meth Code:	R01 - Recycler
Quantity Tons:	10.64
Waste Quantity:	2800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAH111000515
Shipment Date:	19980330
Creation Date:	5/26/1998 0:00:00
Receipt Date:	19980330
Manifest ID:	97284234
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.346
Waste Quantity:	1670
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980315
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980316
Manifest ID:	97337388
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980315
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980316
Manifest ID:	97337388
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980315
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980316
Manifest ID:	97337388
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980315
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	97337388

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980315
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980316
Manifest ID:	97337388
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAH111000515

Shipment Date:	19970916
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	95372985
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970916
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19970917
Manifest ID:	95372985
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970916
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19970917
Manifest ID:	95372985
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970916
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19970917
Manifest ID:	95372985
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970916
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19970917
Manifest ID:	95372985
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAH111000515

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Shipment Date:	20140828
Creation Date:	11/22/2014 22:15:14
Receipt Date:	20140829
Manifest ID:	004256788SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	SAFETY-KLEEN OF CALIFORNIA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140108
Creation Date:	5/22/2014 22:14:52
Receipt Date:	20140108
Manifest ID:	004129012SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	SAFETY-KLEEN OF CALIFORNIA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAH111000515

Shipment Date:	20010607
Creation Date:	7/30/2001 0:00:00
Receipt Date:	20010607

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Manifest ID:	20814006
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.7
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAH111000515
Shipment Date:	20021211
Creation Date:	3/16/2007 18:30:20
Receipt Date:	20021211
Manifest ID:	21752603
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.548
Waste Quantity:	1460
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020520
Creation Date:	7/17/2002 18:35:51
Receipt Date:	20020520
Manifest ID:	21209179
Trans EPA ID:	CAL000113555
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

TSDF EPA ID:	CAH111000474
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020520
Creation Date:	7/17/2002 18:35:51
Receipt Date:	20020520
Manifest ID:	21209179
Trans EPA ID:	CAL000113555
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAH111000474
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020520
Creation Date:	7/17/2002 18:35:51
Receipt Date:	20020520
Manifest ID:	21209179
Trans EPA ID:	CAL000113555
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAH111000474
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.01668
Waste Quantity:	4

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020520
Creation Date:	7/17/2002 18:35:51
Receipt Date:	20020520
Manifest ID:	21209179
Trans EPA ID:	CAL000113555
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAH111000474
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAH111000515
Shipment Date:	20091112
Creation Date:	6/29/2010 18:30:39
Receipt Date:	20091124
Manifest ID:	006121786JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Additional Code 5:	Not reported
Shipment Date:	20091112
Creation Date:	5/27/2010 18:31:00
Receipt Date:	20091117
Manifest ID:	006121785JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091112
Creation Date:	5/27/2010 18:31:00
Receipt Date:	20091117
Manifest ID:	006121785JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091112
Creation Date:	4/21/2013 22:15:04
Receipt Date:	20091127
Manifest ID:	006121788JJK
Trans EPA ID:	CAR000164012

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY INC
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091112
Creation Date:	4/21/2013 22:15:04
Receipt Date:	20091127
Manifest ID:	006121788JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY INC
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.375
Waste Quantity:	750
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091112
Creation Date:	4/21/2013 22:15:04
Receipt Date:	20091127
Manifest ID:	006121788JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY INC
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091112
Creation Date:	5/27/2010 18:31:00
Receipt Date:	20091117
Manifest ID:	006121785JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091112
Creation Date:	6/29/2010 18:30:39
Receipt Date:	20091124
Manifest ID:	006121786JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091112
Creation Date:	6/29/2010 18:30:39
Receipt Date:	20091124
Manifest ID:	006121786JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091112
Creation Date:	5/27/2010 18:31:00
Receipt Date:	20091117
Manifest ID:	006121785JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAH111000515

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Shipment Date:	20101214
Creation Date:	5/27/2011 18:30:13
Receipt Date:	20101230
Manifest ID:	000013512DAT
Trans EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIORNMENTAL SERVICES
TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.9225
Waste Quantity:	1845
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101214
Creation Date:	5/27/2011 18:30:13
Receipt Date:	20101230
Manifest ID:	000013512DAT
Trans EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIORNMENTAL SERVICES
TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.56
Waste Quantity:	1120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100302
Creation Date:	12/3/2010 18:30:16
Receipt Date:	20100305
Manifest ID:	006126442JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	NVD980895338

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100211
Creation Date:	11/3/2010 18:30:37
Receipt Date:	20100217
Manifest ID:	006126094JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100211
Creation Date:	11/3/2010 18:30:37
Receipt Date:	20100217
Manifest ID:	006126094JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100211
Creation Date:	11/3/2010 18:30:37
Receipt Date:	20100217
Manifest ID:	006126094JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	TXR000025072
Trans 2 Name:	ROCKETLINE CARRIER SERVICE
TSDF EPA ID:	WAD991281767
Trans Name:	BURLINGTON ENVIRONMENTAL LLC KENT FACILITY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAH111000515
Shipment Date:	20110722
Creation Date:	9/1/2011 18:31:47
Receipt Date:	20110722
Manifest ID:	007030680JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	5.35845
Waste Quantity:	1285
Quantity Unit:	G

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NPDES:

Name:	SAN BRUNO TRANSFER STATION
Address:	101 TANFORAN AVE
City,State,Zip:	SAN BRUNO, CA 94066
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	457447
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 41I026321
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/03/2015
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	101 Tanforan Ave
Discharge Name:	Recology San Bruno
Discharge City:	San Bruno
Discharge State:	California
Discharge Zip:	94066
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	457447
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I026321
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Received Date:	11/20/2015
Processed Date:	12/03/2015
Status:	Active
Status Date:	12/03/2015
Place Size:	.57
Place Size Unit:	Acres
Contact:	Kirsten Pinochi
Contact Title:	General Manager
Contact Phone:	650-583-8536
Contact Phone Ext:	Not reported
Contact Email:	kpinochi@recology.com
Operator Name:	Recology San Bruno
Operator Address:	101 Tanforan Ave
Operator City:	San Bruno
Operator State:	California
Operator Zip:	94066
Operator Contact:	Kirsten Pinochi
Operator Contact Title:	General Manager
Operator Contact Phone:	650-583-8536
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	kpinochi@recology.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Kirsten Pinochi
Certifier Title:	General Manager
Certification Date:	20-NOV-15
Primary Sic:	4212-Local Trucking Without Storage
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	457447
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I026321
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/03/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Recology San Bruno
Discharge Address:	101 Tanforan Ave
Discharge City:	San Bruno
Discharge State:	California
Discharge Zip:	94066
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	SAN BRUNO TRANSFER STATION
Address:	101 TANFORAN AVE
City,State,Zip:	SAN BRUNO, CA 94066
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41I026321
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	12/03/2015
Operator Name:	Recology San Bruno
Operator Address:	101 Tanforan Ave
Operator City:	San Bruno
Operator State:	California
Operator Zip:	94066

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	457447
Order Number:	Not reported
Regulatory Measure Type:	Industrial

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Place ID:	Not reported
WDID:	2 41I026321
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	11/20/2015
Processed Date:	12/03/2015
Status:	Active
Status Date:	12/03/2015
Place Size:	.57
Place Size Unit:	Acres
Contact:	Kirsten Pinochi
Contact Title:	General Manager
Contact Phone:	650-583-8536
Contact Phone Ext:	Not reported
Contact Email:	kpinochi@recology.com
Operator Name:	Recology San Bruno
Operator Address:	101 Tanforan Ave
Operator City:	San Bruno
Operator State:	California
Operator Zip:	94066
Operator Contact:	Kirsten Pinochi
Operator Contact Title:	General Manager
Operator Contact Phone:	650-583-8536
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	kpinochi@recology.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Kirsten Pinochi
Certifier Title:	General Manager
Certification Date:	20-NOV-15
Primary Sic:	4212-Local Trucking Without Storage
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	457447
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I026321
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/03/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Recology San Bruno
Discharge Address:	101 Tanforan Ave
Discharge City:	San Bruno
Discharge State:	California
Discharge Zip:	94066
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	SAN BRUNO TRANSFER STATION
Address:	101 TANFORAN AVE
City,State,Zip:	SAN BRUNO, CA 94066
Agency:	Recology San Bruno
Agency Address:	101 Tanforan Ave, San Bruno, CA 94066
Place/Project Type:	Industrial - Local Trucking Without Storage
SIC/NAICS:	4212
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I026321
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/03/2015
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Latitude: 37.64058
Longitude: -122.412694

CERS:
Name: SAN BRUNO TRANSFER STATION
Address: 101 TANFORAN AVE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 64357
CERS ID: 836927
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 64357
Site Name: SAN BRUNO TRANSFER STATION
Violation Date: 02-19-2020
Citation: 22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B)
Violation Description: Failure to retain for at least three years a legible copy of each manifest or bill of lading which identifies spent lead-acid storage batteries shipped to a person who stores the batteries or who uses, reuses, recycles or reclaims the batteries or their components.
Violation Notes: Returned to compliance on 02/19/2020. OBSERVATION: During the inspection, the disposal records for spent lead acid batteries was not provided. During the inspection, the employees confirmed that more than 10 spent lead acid batteries are year are taken to interstate battery for proper disposal/recycling. During the inspection, the employees agreed to maintain disposal records for spent lead acid batteries for three years. CORRECTIVE ACTION: Continue to ensure that disposal records for spent lead acid batteries are maintained for three years.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 64357
Site Name: SAN BRUNO TRANSFER STATION
Violation Date: 12-18-2014
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 06/11/2015. Coolant waste container not closed (or closable). May have been complied with earlier but observed 6-11-15. See attachments.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 64357
Site Name: SAN BRUNO TRANSFER STATION
Violation Date: 12-18-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Violation Notes:	Returned to compliance on 02/20/2015. Load check and other materials in lockers unlabeled. See attachments.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	64357
Site Name:	SAN BRUNO TRANSFER STATION
Violation Date:	02-19-2020
Citation:	22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description:	Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies) . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment . 3) Lamps shall be marked with Universal Waste-Lamp(s) . 4)Each electronic devices or the container or the designated area shall be marked with Universal Waste-Electronic Device(s) . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s) . 6) CRT glass or the designated area shall be marked with Universal Waste-CRT glass .
Violation Notes:	Returned to compliance on 02/19/2020. OBSERVATION: The 5 gallon bucket of UW lamps was left open and not labeled. During the inspection, the lamps were transferred to the box of UW lamps and the bucket lid was placed on the container to close it. The UW label was completed and affixed to it. The 30 gallon container of UW batteries at transfer shop not labeled. During the inspection, the universal waste information was added to the UW battery 30 gallon temporary container. CORRECTIVE ACTION: Continue to ensure that all containers of universal waste are labeled properly. Note: OBSERVATION: The 5 gallon bucket of UW lamps was left open and not labeled. During the inspection, the lamps were transferred to the box of UW lamps and the bucket lid was placed on the container to close it. There were 2 boxes of UW lamps were left open. During the inspection, the boxes of universal waste lamps were closed. CORRECTIVE ACTION: Continue to ensure that containers of UW are kept closed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	02-12-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-19-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. The following was picked up: 2-19-20, 50 gallons of used coolant. 12-10-19, 220 gallons of used oil. On 10-18-19 per manifest 013897592FLE 70 pounds of UW aerosols. 125 pounds of waste butane/paint thinner. 18 pounds of waste corrosive (sodium hydroxide, sodium hypochlorite). 8 pounds of waste corrosive (water, oxalic acid). 9-10-19, 240 gallons of used oil. On 7-23-19, per manifest 0132211909FLE 136 pounds of waste aerosols. 592 pounds of flammable liquids (floor cleaner/detergent). 3-27-19, 240 gallons of used oil. On 12-26-18, per manifest 012854652FLE 75 pounds of waste aerosols. 6-13-18, 180 gallons of used oil. 8-3-17, 130 gallons of used oil. 10-19-17, 220 gallons of used oil. 10-24-18, 180 gallons of used oil.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-18-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-11-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-06-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-28-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	ECR down - couldn't sync - paper inspection scanned. No violations noted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-15-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-31-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed program records in the SMC Portal and CERS. Did not find any indication by the operator that this facility treats hazardous waste.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HHW
Eval Source:	CERS,
Eval General Type:	Other/Unknown

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Date:	10-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-28-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	ECR down - see scanned notes. No violations.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. The facility stores the following up to: GREASE Storage Closet Pure 110.0 220.0 Pounds HHW Loadcheck Corrosive Liquids Transer Station Waste 1.0 30.0 Gallons HHW Loadcheck Flammable Liquids Transfer Station Waste 5.0 30.0 Gallons HHW Loadcheck Waste (solids) Transfer Station Waste 20.0 50.0 Pounds Hydraulic Oil Storage Closet Pure 55.0 55.0 Gallons Lead Acid Batteries Transfer Station Waste 30.0 600.0 Pounds Oil Based Paint Transfer Station Waste 5.0 50.0 Gallons PROPANE Transfer Station Pure 5.0 100.0 Gallons USED OIL FILTERS Transfer Station Waste 200.0 200.0 Pounds Used Oily Debris Transfer Station Waste 400.0 400.0 Pounds WASTE ANTIFREEZE Transfer Station Waste 55.0 55.0 Gallons Waste Oil Transfer Station Waste 240.0 290.0 Gallons
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-08-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-15-2016

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-24-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-10-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-01-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal approved.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-13-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received the following message: Hi Aris I updated the HMBP based on your comment. Will submit a revised certified plan early next week after I review the rest of the document. Thanks, Chris Christopher J. Gibson Group Environmental Manager - South Group Recology | 1675 Rogers Avenue | San Jose, CA 95112 T: 408.961.1242 | C: 415.286.3523 cgibson@recology.com HMBP submittal reviewed and not accepted with the following comment: HHW Loadcheck Waste (solids) volume should be changed to pounds . So if the physical state is solid, then volume of unit must be pounds. If physical state is liquid, then volume of unit must be gallons. Please update and resubmit. Thank you.

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 64357
Site Name: SAN BRUNO TRANSFER STATION
Site Address: 101 TANFORAN AVE
Site City: SAN BRUNO
Site Zip: 94066
Enf Action Date: 12-18-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 64357
Facility Name: SAN BRUNO TRANSFER STATION
Env Int Type Code: SMSWIND
Program ID: 836927
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.640580
Longitude: -122.412694

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Chris Gibson
Entity Title:	Not reported
Affiliation Address:	101 TANFORAN AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	101 TANFORAN AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,

Affiliation Type Desc:	Document Preparer
Entity Name:	Chris Gibson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Operator
Entity Name:	Recology of San Bruno
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	6505838536,

Affiliation Type Desc:	Legal Owner
Entity Name:	Recology of San Bruno
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	6505838536,

Affiliation Type Desc:	Legal Owner
Entity Name:	Recology San Bruno
Entity Title:	Not reported
Affiliation Address:	101 TANFORAN AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	United States

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Affiliation Zip: 94066
Affiliation Phone: (650) 583-8536,

Affiliation Type Desc: Operator
Entity Name: Recology San Bruno
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 583-8536,

Affiliation Type Desc: Parent Corporation
Entity Name: SAN BRUNO GARBAGE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: CHRIS GIBSON
Entity Title: ENVIRONMENTAL MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Owner/Operator
Entity Name: Recology San Bruno
Entity Title: Operator
Affiliation Address: 101 Tanforan Ave
Affiliation City: San Bruno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94066
Affiliation Phone: ,

Name: SAN BRUNO TRANSFER STATION
Address: 101 TANFORAN AVE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 64357
CERS ID: 10066522
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 64357
Site Name: SAN BRUNO TRANSFER STATION
Violation Date: 02-19-2020
Citation: 22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B)
Violation Description: Failure to retain for at least three years a legible copy of each

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

manifest or bill of lading which identifies spent lead-acid storage batteries shipped to a person who stores the batteries or who uses, reuses, recycles or reclaims the batteries or their components.

Violation Notes: Returned to compliance on 02/19/2020. OBSERVATION: During the inspection, the disposal records for spent lead acid batteries was not provided. During the inspection, the employees confirmed that more than 10 spent lead acid batteries are year are taken to interstate battery for proper disposal/recycling. During the inspection, the employees agreed to maintain disposal records for spent lead acid batteries for three years. CORRECTIVE ACTION: Continue to ensure that disposal records for spent lead acid batteries are maintained for three years.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 64357
Site Name: SAN BRUNO TRANSFER STATION
Violation Date: 12-18-2014
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 06/11/2015. Coolant waste container not closed (or closable). May have been complied with earlier but observed 6-11-15. See attachments.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 64357
Site Name: SAN BRUNO TRANSFER STATION
Violation Date: 12-18-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 02/20/2015. Load check and other materials in lockers unlabeled. See attachments.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 64357
Site Name: SAN BRUNO TRANSFER STATION
Violation Date: 02-19-2020
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies) . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment . 3) Lamps shall be marked with Universal Waste-Lamp(s) . 4)Each electronic devices or the container or the designated area shall be marked with Universal Waste-Electronic

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

	Device(s) . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s) . 6) CRT glass or the designated area shall be marked with Universal Waste-CRT glass .
Violation Notes:	Returned to compliance on 02/19/2020. OBSERVATION: The 5 gallon bucket of UW lamps was left open and not labeled. During the inspection, the lamps were transferred to the box of UW lamps and the bucket lid was placed on the container to close it. The UW label was completed and affixed to it. The 30 gallon container of UW batteries at transfer shop not labeled. During the inspection, the universal waste information was added to the UW battery 30 gallon temporary container. CORRECTIVE ACTION: Continue to ensure that all containers of universal waste are labeled properly. Note: OBSERVATION: The 5 gallon bucket of UW lamps was left open and not labeled. During the inspection, the lamps were transferred to the box of UW lamps and the bucket lid was placed on the container to close it. There were 2 boxes of UW lamps were left open. During the inspection, the boxes of universal waste lamps were closed. CORRECTIVE ACTION: Continue to ensure that containers of UW are kept closed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	02-12-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	02-19-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. The following was picked up: 2-19-20, 50 gallons of used coolant. 12-10-19, 220 gallons of used oil. On 10-18-19 per manifest 013897592FLE 70 pounds of UW aerosols. 125 pounds of waste butane/paint thinner. 18 pounds of waste corrosive (sodium hydroxide, sodium hypochlorite). 8 pounds of waste corrosive (water, oxalic acid). 9-10-19, 240 gallons of used oil. On 7-23-19, per manifest 0132211909FLE 136 pounds of waste aerosols. 592 pounds of flammable liquids (floor cleaner/detergent). 3-27-19, 240 gallons of used oil. On 12-26-18, per manifest 012854652FLE 75 pounds of waste aerosols. 6-13-18, 180 gallons of used oil. 8-3-17, 130 gallons of used oil. 10-19-17, 220 gallons of used oil. 10-24-18, 180 gallons of used oil.

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-18-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-11-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-06-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-28-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	ECR down - couldn’t sync - paper inspection scanned. No violations noted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-15-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-31-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed program records in the SMC Portal and CERS. Did not find any indication by the operator that this facility treats hazardous waste.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HHW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-28-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	ECR down - see scanned notes. No violations.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine inspection. The facility stores the following up to: GREASE Storage Closet Pure 110.0 220.0 Pounds HHW Loadcheck Corrosive Liquids Transer Station Waste 1.0 30.0 Gallons HHW Loadcheck Flammable Liquids Transfer Station Waste 5.0 30.0 Gallons HHW Loadcheck Waste (solids) Transfer Station Waste 20.0 50.0 Pounds Hydraulic Oil Storage Closet Pure 55.0 55.0 Gallons Lead Acid Batteries Transfer Station Waste 30.0 600.0 Pounds Oil Based Paint Transfer Station Waste 5.0 50.0 Gallons PROPANE Transfer Station Pure 5.0 100.0 Gallons USED OIL FILTERS Transfer Station Waste 200.0 200.0 Pounds Used Oily Debris Transfer Station Waste 400.0 400.0 Pounds WASTE ANTIFREEZE Transfer Station Waste 55.0 55.0 Gallons Waste Oil Transfer Station Waste 240.0 290.0 Gallons
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-08-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP submittal not accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-28-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP submittal reviewed and accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-15-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-24-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP submittal reviewed and accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Date:	03-10-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-01-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal approved.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-13-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received the following message: Hi Aris I updated the HMBP based on your comment. Will submit a revised certified plan early next week after I review the rest of the document. Thanks, Chris Christopher J. Gibson Group Environmental Manager - South Group Recology | 1675 Rogers Avenue | San Jose, CA 95112 T: 408.961.1242 | C: 415.286.3523 cgibson@recology.com HMBP submittal reviewed and not accepted with the following comment: HHW Loadcheck Waste (solids) volume should be changed to pounds . So if the physical state is solid, then volume of unit must be pounds. If physical state is liquid, then volume of unit must be gallons. Please update and resubmit. Thank you.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 64357
Site Name: SAN BRUNO TRANSFER STATION
Site Address: 101 TANFORAN AVE
Site City: SAN BRUNO
Site Zip: 94066
Enf Action Date: 12-18-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 64357
Facility Name: SAN BRUNO TRANSFER STATION
Env Int Type Code: SMSWIND
Program ID: 836927
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.640580
Longitude: -122.412694

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: Chris Gibson
Entity Title: Not reported
Affiliation Address: 101 TANFORAN AVE
Affiliation City: SAN BRUNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94066
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 101 TANFORAN AVE
Affiliation City: SAN BRUNO
Affiliation State: CA

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Chris Gibson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Operator
Entity Name:	Recology of San Bruno
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	6505838536,
Affiliation Type Desc:	Legal Owner
Entity Name:	Recology of San Bruno
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	6505838536,
Affiliation Type Desc:	Legal Owner
Entity Name:	Recology San Bruno
Entity Title:	Not reported
Affiliation Address:	101 TANFORAN AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94066
Affiliation Phone:	(650) 583-8536,
Affiliation Type Desc:	Operator
Entity Name:	Recology San Bruno
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 583-8536,
Affiliation Type Desc:	Parent Corporation
Entity Name:	SAN BRUNO GARBAGE
Entity Title:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	CHRIS GIBSON
Entity Title:	ENVIRONMENTAL MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Owner/Operator
Entity Name:	Recology San Bruno
Entity Title:	Operator
Affiliation Address:	101 Tanforan Ave
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,
Name:	SAN BRUNO TRANSFER STATION
Address:	101 TANFORAN AVE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	64357
CERS ID:	41-AA-0014
CERS Description:	Solid Waste and Recycle Sites

Violations:

Site ID:	64357
Site Name:	SAN BRUNO TRANSFER STATION
Violation Date:	02-19-2020
Citation:	22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B)
Violation Description:	Failure to retain for at least three years a legible copy of each manifest or bill of lading which identifies spent lead-acid storage batteries shipped to a person who stores the batteries or who uses, reuses, recycles or reclaims the batteries or their components.
Violation Notes:	Returned to compliance on 02/19/2020. OBSERVATION: During the inspection, the disposal records for spent lead acid batteries was not provided. During the inspection, the employees confirmed that more than 10 spent lead acid batteries are year are taken to interstate battery for proper disposal/recycling. During the inspection, the employees agreed to maintain disposal records for spent lead acid batteries for three years. CORRECTIVE ACTION: Continue to ensure that disposal records for spent lead acid batteries are maintained for three years.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Site ID:	64357
Site Name:	SAN BRUNO TRANSFER STATION
Violation Date:	12-18-2014
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 06/11/2015. Coolant waste container not closed (or closable). May have been complied with earlier but observed 6-11-15. See attachments.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	64357
Site Name:	SAN BRUNO TRANSFER STATION
Violation Date:	12-18-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 02/20/2015. Load check and other materials in lockers unlabeled. See attachments.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	64357
Site Name:	SAN BRUNO TRANSFER STATION
Violation Date:	02-19-2020
Citation:	22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description:	Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies) . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment . 3) Lamps shall be marked with Universal Waste-Lamp(s) . 4)Each electronic devices or the container or the designated area shall be marked with Universal Waste-Electronic Device(s) . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s) . 6) CRT glass or the designated area shall be marked with Universal Waste-CRT glass .
Violation Notes:	Returned to compliance on 02/19/2020. OBSERVATION: The 5 gallon bucket of UW lamps was left open and not labeled. During the inspection, the lamps were transferred to the box of UW lamps and the bucket lid was placed on the container to close it. The UW label was completed and affixed to it. The 30 gallon container of UW batteries at transfer shop not labeled. During the inspection, the universal waste information was added to the UW battery 30 gallon temporary container. CORRECTIVE ACTION: Continue to ensure that all containers of universal waste are labeled properly. Note: OBSERVATION: The 5 gallon bucket of UW lamps was left open and not labeled. During the inspection, the lamps were transferred to the box of UW lamps and the bucket lid was placed on the container to close it. There were 2 boxes of UW lamps were left open. During the inspection, the boxes of universal waste

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

lamps were closed. CORRECTIVE ACTION: Continue to ensure that containers of UW are kept closed.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-12-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-19-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP submittal reviewed and accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine inspection. The following was picked up: 2-19-20, 50 gallons of used coolant. 12-10-19, 220 gallons of used oil. On 10-18-19 per manifest 013897592FLE 70 pounds of UW aerosols. 125 pounds of waste butane/paint thinner. 18 pounds of waste corrosive (sodium hydroxide, sodium hypochlorite). 8 pounds of waste corrosive (water, oxalic acid). 9-10-19, 240 gallons of used oil. On 7-23-19, per manifest 0132211909FLE 136 pounds of waste aerosols. 592 pounds of flammable liquids (floor cleaner/detergent). 3-27-19, 240 gallons of used oil. On 12-26-18, per manifest 012854652FLE 75 pounds of waste aerosols. 6-13-18, 180 gallons of used oil. 8-3-17, 130 gallons of used oil. 10-19-17, 220 gallons of used oil. 10-24-18, 180 gallons of used oil.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-18-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP submittal reviewed and not accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-11-2015
Violations Found: No

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-06-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-28-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	ECR down - couldn't sync - paper inspection scanned. No violations noted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-15-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-31-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed program records in the SMC Portal and CERS. Did not find any indication by the operator that this facility treats hazardous waste.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HHW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-28-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	ECR down - see scanned notes. No violations.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. The facility stores the following up to: GREASE Storage Closet Pure 110.0 220.0 Pounds HHW Loadcheck Corrosive Liquids Transer Station Waste 1.0 30.0 Gallons HHW Loadcheck Flammable Liquids Transfer Station Waste 5.0 30.0 Gallons HHW Loadcheck Waste (solids) Transfer Station Waste 20.0 50.0 Pounds Hydraulic Oil Storage Closet Pure 55.0 55.0 Gallons Lead Acid Batteries Transfer Station Waste 30.0 600.0 Pounds Oil Based Paint Transfer Station Waste 5.0 50.0 Gallons PROPANE Transfer Station Pure 5.0 100.0 Gallons USED OIL FILTERS Transfer Station Waste 200.0 200.0 Pounds Used Oily Debris Transfer Station Waste 400.0 400.0 Pounds WASTE ANTIFREEZE Transfer Station Waste 55.0 55.0 Gallons Waste Oil Transfer Station Waste 240.0 290.0 Gallons

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-08-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-15-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-24-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-10-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-01-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Eval General Type:	Other/Unknown
Eval Date:	11-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal approved.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	11-13-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received the following message: Hi Aris I updated the HMBP based on your comment. Will submit a revised certified plan early next week after I review the rest of the document. Thanks, Chris Christopher J. Gibson Group Environmental Manager - South Group Recology | 1675 Rogers Avenue | San Jose, CA 95112 T: 408.961.1242 | C: 415.286.3523 cgibson@recology.com HMBP submittal reviewed and not accepted with the following comment: HHW Loadcheck Waste (solids) volume should be changed to pounds . So if the physical state is solid, then volume of unit must be pounds. If physical state is liquid, then volume of unit must be gallons. Please update and resubmit. Thank you.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Enforcement Action:

Site ID:	64357
Site Name:	SAN BRUNO TRANSFER STATION
Site Address:	101 TANFORAN AVE
Site City:	SAN BRUNO
Site Zip:	94066
Enf Action Date:	12-18-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Enf Action Source: CERS,

Coordinates:
Site ID: 64357
Facility Name: SAN BRUNO TRANSFER STATION
Env Int Type Code: SMSWIND
Program ID: 836927
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.640580
Longitude: -122.412694

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: Chris Gibson
Entity Title: Not reported
Affiliation Address: 101 TANFORAN AVE
Affiliation City: SAN BRUNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94066
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 101 TANFORAN AVE
Affiliation City: SAN BRUNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94066
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Chris Gibson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Operator
Entity Name: Recology of San Bruno
Entity Title: Not reported

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Affiliation Address:	Not reported
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	6505838536,
Affiliation Type Desc:	Legal Owner
Entity Name:	Recology of San Bruno
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	6505838536,
Affiliation Type Desc:	Legal Owner
Entity Name:	Recology San Bruno
Entity Title:	Not reported
Affiliation Address:	101 TANFORAN AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94066
Affiliation Phone:	(650) 583-8536,
Affiliation Type Desc:	Operator
Entity Name:	Recology San Bruno
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 583-8536,
Affiliation Type Desc:	Parent Corporation
Entity Name:	SAN BRUNO GARBAGE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	CHRIS GIBSON
Entity Title:	ENVIRONMENTAL MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

SAN BRUNO TRANSFER STATION (Continued) **S113020061**

Affiliation Type Desc:	Owner/Operator
Entity Name:	Recology San Bruno
Entity Title:	Operator
Affiliation Address:	101 Tanforan Ave
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,

HWTS:

Name:	SAN MATEO COUNTY - ENVIRONMENTAL HEALTH
Address:	101 TANFORAN AVE
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940661534
EPA ID:	CAH111000515
Inactive Date:	08/07/2014
Create Date:	07/10/1996
Last Act Date:	08/11/2014
Mailing Name:	Not reported
Mailing Address:	32 TOWER RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 94402
Owner Name:	SAN MATEO COUNTY - ENVIRONMENTAL HE
Owner Address:	2000 ALAMEDA DE LAS PULGAS
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 94403
Contact Name:	ELIZABETH ROUAN
Contact Address:	32 TOWER RD
Contact Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94402

Y305 **RECOLOGY SAN BRUNO DBA SAN BRUNO TRANSFER STATION** **RCRA NonGen / NLR** **1024793107**
SW **101 TANFORAN AVE** **CAL000129333**
1/8-1/4 **SAN BRUNO, CA 94066**
0.207 mi.
1093 ft. **Site 24 of 30 in cluster Y**

Relative: **Lower**

Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	19970122
Handler Name:	RECOLOGY SAN BRUNO DBA SAN BRUNO TRANSFER STATION
Handler Address:	101 TANFORAN AVE
Handler City,State,Zip:	SAN BRUNO, CA 94066-1534
EPA ID:	CAL000129333
Contact Name:	CHRIS GIBSON
Contact Address:	101 TANFORAN AVE
Contact City,State,Zip:	SAN BRUNO, CA 94066
Contact Telephone:	415-286-3523
Contact Fax:	000-000-0000
Contact Email:	CGIBSON@RECOLOGY.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

RECOLOGY SAN BRUNO DBA SAN BRUNO TRANSFER STATION (Continued) **1024793107**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	101 TANFORAN AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066-0000
Owner Name:	RECOLOGY SAN BRUNO
Owner Type:	Other
Operator Name:	CHRIS GIBSON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

RECOLOGY SAN BRUNO DBA SAN BRUNO TRANSFER STATION (Continued) **1024793107**

Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRIS GIBSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	101 TANFORAN AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	415-286-3523
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RECOLOGY SAN BRUNO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	101 TANFORAN AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066-0000
Owner/Operator Telephone:	415-286-3523
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19970122
Handler Name:	RECOLOGY SAN BRUNO DBA SAN BRUNO TRANSFER STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42193
NAICS Description:	RECYCLABLE MATERIAL WHOLESALERS

NAICS Code:	562119
NAICS Description:	OTHER WASTE COLLECTION

RECOLOGY SAN BRUNO DBA SAN BRUNO TRANSFER STATION (Continued) **1024793107**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y306 **SAN BRUNO GARBAGE CO INC** **SWEEPS UST** **S101623094**
SW **101 TANFORAN AVE** **CA FID UST** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.207 mi.
1093 ft. **Site 25 of 30 in cluster Y**

Relative:
Lower

Actual:
20 ft.

SWEEPS UST:

Name:	SAN BRUNO GARBAGE CO INC
Address:	101 TANFORAN AVE
City:	SAN BRUNO
Status:	Active
Comp Number:	880009
Number:	9
Board Of Equalization:	Not reported
Referral Date:	04-11-94
Action Date:	04-11-94
Created Date:	10-13-88
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-880009-000001
Tank Status:	A
Capacity:	7500
Active Date:	04-22-94
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	41004977
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	101 TANFORAN AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN BRUNO 94066
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

Y307 **SAN BRUNO GARBAGE CO INC** **HIST UST** **U001594649**
SW **101 TANFORAN AVE** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.207 mi.
1093 ft. **Site 26 of 30 in cluster Y**

Relative: **Lower**

Actual: **20 ft.**

HIST UST:

Name:	SAN BRUNO GARBAGE CO INC
Address:	101 TANFORAN AVE
City,State,Zip:	SAN BRUNO, CA 94066
File Number:	0002C21B
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C21B.pdf
Region:	STATE
Facility ID:	00000009738
Facility Type:	Other
Other Type:	GARBAGE COLLECTION
Contact Name:	VINCE DELLA CELLA, JR.
Telephone:	4155838536
Owner Name:	SAN BRUNO GARBAGE CO., INC.
Owner Address:	101 TANFORAN AVE.
Owner City,St,Zip:	SAN BRUNO, CA 94066
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1966
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

Y308 **SAN BRUNO GARBAGE** **San Mateo Co. BI** **S103620256**
SW **101 TANFORAN** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.207 mi.
1093 ft. **Site 27 of 30 in cluster Y**

Relative: **Lower**

Actual: **20 ft.**

San Mateo Co. BI:

Name:	SAN BRUNO GARBAGE
Address:	101 TANFORAN
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018213
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022938
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM
Name:	SAN BRUNO GARBAGE
Address:	101 TANFORAN
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018213
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043563
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS

SAN BRUNO GARBAGE (Continued) **S103620256**

Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SAN BRUNO GARBAGE
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018213
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0049039
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SAN BRUNO GARBAGE
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018213
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0049432
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: SAN BRUNO GARBAGE
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018213
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0024461
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: SAN BRUNO TRANSFER STATION
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0046855
Prog Element Code: 3091
Record Id: PR0063758
Description: STORMWATER ANNUAL INSPECTION FEE
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SAN BRUNO TRANSFER STATION
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0046855
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0063756
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

SAN BRUNO GARBAGE (Continued) **S103620256**

Name: SAN BRUNO TRANSFER STATION
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0046855
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0063757
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SAN BRUNO TRANSFER STATION
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0046855
Prog Element Code: PERMIT BY RULE
Record Id: PR0077733
Description: PERMIT BY RULE HHW
Facility Status: Inactive, non-billable
Program Category: PBR-HOUSEHOLD HAZARDOUS WASTE

Name: SMCO RECYCLE ONLY HHW COLLECTION
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0046856
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0063762
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SMCO RECYCLE ONLY HHW COLLECTION
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0046856
Prog Element Code: PERMIT BY RULE
Record Id: PR0063761
Description: PERMIT BY RULE HHW
Facility Status: Inactive, non-billable
Program Category: PBR-HOUSEHOLD HAZARDOUS WASTE

Name: SMCO PHHW
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0029028
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0049056
Description: GEN <1 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SMCO PHHW
Address: 101 TANFORAN

SAN BRUNO GARBAGE (Continued) **S103620256**

City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0029028
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0049057
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SMCO PHHW
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0029028
Prog Element Code: PERMIT BY RULE
Record Id: PR0049054
Description: PERMIT BY RULE HHW
Facility Status: Inactive, non-billable
Program Category: PBR-HOUSEHOLD HAZARDOUS WASTE

Name: SMCO PHHW
Address: 101 TANFORAN
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0029028
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0049055
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Y309 **BUDS AUTO CLINIC** **San Mateo Co. BI** **S105429322**
SW **1254 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.209 mi.
1102 ft. **Site 28 of 30 in cluster Y**

Relative: **Lower**

Actual: **20 ft.**

San Mateo Co. BI:
Name: BUDS AUTO CLINIC
Address: 1254 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018253
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0012171
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: BUDS AUTO CLINIC
Address: 1254 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018253
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004973
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable

BUDS AUTO CLINIC (Continued) **S105429322**

Program Category:	BUSINESS PLAN PROGRAM
Name:	BUDS AUTO CLINIC
Address:	1254 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018253
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043515
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Y310 **BUDS AUTO CLINIC** **RCRA NonGen / NLR** **1024789774**
SW **1254 MONTGOMERY AVE** **CAL000070873**
1/8-1/4 **SAN BRUNO, CA 94066**
0.209 mi.
1102 ft. **Site 29 of 30 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19930730
Handler Name:	BUDS AUTO CLINIC	
Handler Address:		1254 MONTGOMERY AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066-0000
EPA ID:		CAL000070873
Contact Name:		MIKE SALVATO OWNER
Contact Address:		1254 MONTGOMERY AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066-0000
Contact Telephone:		650-873-6700
Contact Fax:		650-873-6701
Contact Email:		BUDSAUTO1024@ATT.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1254 MONTGOMERY AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066-0000
Owner Name:		MICHAEL SALVATO
Owner Type:		Other
Operator Name:		MIKE SALVATO OWNER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes

BUDS AUTO CLINIC (Continued) **1024789774**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL SALVATO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1254 MONTGOMERY AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066-1522
Owner/Operator Telephone:	650-873-6700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

BUDS AUTO CLINIC (Continued) **1024789774**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MIKE SALVATO OWNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1254 MONTGOMERY AVE
Owner/Operator City,State,Zip: SAN BRUNO, CA 94066-0000
Owner/Operator Telephone: 650-873-6700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19930730
Handler Name: BUDS AUTO CLINIC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y311 **BUDS AUTO CLINIC** **CERS HAZ WASTE** **S121744084**
SW **1254 MONTGOMERY AVE** **CERS** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **HWTS**
0.209 mi.
1102 ft. **Site 30 of 30 in cluster Y**

Relative:
Lower

Actual:
20 ft.

CERS HAZ WASTE:
Name: BUDS AUTO CLINIC
Address: 1254 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 13893
CERS ID: 10066555
CERS Description: Hazardous Waste Generator

CERS:
Name: BUDS AUTO CLINIC

BUDS AUTO CLINIC (Continued) **S121744084**

Address: 1254 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 13893
CERS ID: 10066555
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 13893
Site Name: BUDS AUTO CLINIC
Violation Date: 10-31-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 11/13/2017. OBSERVATION: This facility s EPA ID number is inactive. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the SMC CUPA within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 13893
Site Name: BUDS AUTO CLINIC
Violation Date: 10-31-2017
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 10/31/2017. OBSERVATION: Generator failed to post, next to the telephone, Emergency Information (SQG) containing the contact names and numbers of the "Emergency Coordinator". During the inspection, the provided template was completed and posted. CORRECTIVE ACTION: Continue to post the required information.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 13893
Site Name: BUDS AUTO CLINIC
Violation Date: 10-31-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 10/31/2017. OBSERVATION: The site map needs the following: Storm drains, catch basins and sewers Location of nearest fire hydrant, fire pumps, risers, fire department connections and any other emergency response equipment Natural gas and water shut-off Evacuation staging areas During the inspection, the site map was updated and uploaded in the SMC Portal. CORRECTIVE ACTION: Enusre the required information is submitted electronically in the SMC Portal at https://ehesubmit.smchealth.org/servlet/submit
Violation Division: San Mateo County Environmental Health

BUDS AUTO CLINIC (Continued) **S121744084**

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 13893
Site Name: BUDS AUTO CLINIC
Violation Date: 07-15-2021
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: OBSERVATION: EPA ID is inactive. https://hwts.dtsc.ca.gov/facility/CAL000070873 EPA ID inactive date 6/30/20. EVQ online form not available during the inspection. DTSC was emailed to request assistance releasing the form and reactivating the ID number. REQUIRED ACTION: Complete the EVQ form and submit evidence of completion or reactivation of the EPA ID to Env. Health by the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 13893
Site Name: BUDS AUTO CLINIC
Violation Date: 05-02-2019
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 05/02/2019. OBSERVATION: The 55 gallon drum of drained used oil filters was not labeled and left open. During the inspection, the container was labeled and closed. CORRECTIVE ACTION: Continue to keep containers of drained used oil filters and labeled and closed.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 13893
Site Name: BUDS AUTO CLINIC
Violation Date: 10-23-2013
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 03/24/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 13893
Site Name: BUDS AUTO CLINIC
Violation Date: 10-31-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and

BUDS AUTO CLINIC (Continued) **S121744084**

portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 10/31/2017. OBSERVATION: The three used oil 55 gallon drums behind the shop only have blank hazardous waste labels on them. The used oil mop bucket does not have an accumulation start date. During the inspection the containers were labeled with new and completed hazardous waste labels. CORRECTIVE ACTION: Continue to ensure that all hazardous waste containers are marked with all the required information.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 13893
Site Name: BUDS AUTO CLINIC
Violation Date: 07-15-2021
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: OBSERVATION: No record of hazardous waste manifest for paper cartridge oil filters or waste 6-gallon oil bags. REQUIRED ACTION: Submit a picture or record of the waste determination for the items above. Provide evidence that these items are being managed as hazardous waste or if provide a record of the waste determination / laboratory analysis if a non-hazardous waste determination is used. Submit a record by the comply by date. Note: You may want to consult with your waste hauler. If all oily debris including metal filters, paper filters, and oil bags are managed in one drum it must be marked as hazardous waste instead of "used oil and gasoline filters".
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 13893
Site Name: BUDS AUTO CLINIC
Violation Date: 05-02-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/02/2019. OBSERVATION: Two 5 gallon buckets of used oil were left open and not labeled. The 2 gallon jugs of used coolant lacked the accumulation start date. The 55 gallon drum of used oil lacked the business address. During the inspection, the containers were marked with the required information. CORRECTIVE ACTION: Continue to ensure that all containers of hazardous waste are properly labeled.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

BUDS AUTO CLINIC (Continued) **S121744084**

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-21-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site to assist Mike Salvato with updating and resubmitting his HMBP. HMBP reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	10-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-21-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	02-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	05-02-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-23-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown

BUDS AUTO CLINIC (Continued) **S121744084**

Eval Date:	10-31-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	05/10/2017 HMBP submittal not accepted. 10/31/2017 HMBP submittal accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-28-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-02-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. The following has been picked up: 3-14-19 200 gallons of used oil. 12-14-18 1 drum of drained used oil filters. 11-15-18 180 gallons of used oil. 7-31-18 195 gallons of used oil.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-20-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted HMBP submission based on inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-23-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

BUDS AUTO CLINIC (Continued) **S121744084**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-31-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous materials inspection. The facility has the following: - used oil - good oil - drained used oil filters
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-29-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and not accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-26-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	review air board resources for Buds concerns in neighborhood
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-24-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-31-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-07-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection

BUDS AUTO CLINIC (Continued) **S121744084**

Eval Date:	05-02-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct the routine inspection. Facility has the following on site: Three 55 gallon drums for used oil. One 55 gallon drum for motor oil. One 55 gallon drum for drained used oil filters.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP certified submittals reviewed and not accepted due to a more recent submittal was accepted. Reviewed the most recent submittal and accepted with the following notification: Chemical Inventory Reporting of the Annual 2018 Hazardous Materials Business Plan (HMBP) Submittals Must Reference the 24 New Federal Hazard Categories. Effective December 28, 2017, the existing five (5) federal hazard categories available for the completion of chemical inventories as part of the annual hazardous materials business plan submittal will be replaced with twenty-four (24) new federal hazard categories adopted by the United States Environmental Protection Agency (U.S. EPA) as a result of changes to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (HCS).
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-12-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-15-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Met with Mike Salvato to conduct facility inspection using modified procedures. Scope: Auto repair shop and small outdoor area where waste is stored. Hazardous waste generator status: Small quantity generator (less than 270 gallons or 2200 lbs per month) Waste generated: 3x55 gallon used oil approx. 2-4 times per year. 2x5 gallon containers for used antifreeze. Material is re-used until determined to be waste. Metal filters (55 gal) drum on site. No waste container for paper filters or 6-gallon oil bags. Provide waste determination. We discussed proper management of these materials as hazardous waste. Hydrophobic mop used for oil clean-up. Universal waste generator status: CESQUWG. Small quantities of universal waste generated (lamps, batteries, electronics, aerosols).
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW

BUDS AUTO CLINIC (Continued) **S121744084**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: monthly waste generation: <1/4 drum oil filters, 1 drum used oil
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine hazardous waste inspection. The following were picked up from this facility: 200 gallons of used oil on 8-24-17.
1 drum of drained used oil filters on 4-22-17.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 13893
Site Name: BUDS AUTO CLINIC
Site Address: 1254 MONTGOMERY AVE
Site City: SAN BRUNO
Site Zip: 94066
Enf Action Date: 10-23-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 13893
Facility Name: BUDS AUTO CLINIC
Env Int Type Code: HWG
Program ID: 10066555
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.640179
Longitude: -122.412193

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: SALVATO, MIKE
Entity Title: Not reported
Affiliation Address: 1254 MONTGOMERY
Affiliation City: SAN BRUNO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94066
Affiliation Phone: (650) 873-6700,

BUDS AUTO CLINIC (Continued) **S121744084**

Affiliation Type Desc:	Operator
Entity Name:	Michael Salvato
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 873-6700,

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Document Preparer
Entity Name:	Mike Salvato
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Michael Salvato
Entity Title:	Not reported
Affiliation Address:	1254 Montgomery Ave.
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Mike Salvato
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	BUDS AUTO CLINIC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

BUDS AUTO CLINIC (Continued) **S121744084**

Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1254 MONTGOMERY AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,

HWTS:

Name:	BUDS AUTO CLINIC
Address:	1254 MONTGOMERY AVE
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940660000
EPA ID:	CAL000070873
Inactive Date:	06/30/2020
Create Date:	07/30/1993
Last Act Date:	01/04/2021
Mailing Name:	Not reported
Mailing Address:	1254 MONTGOMERY AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN BRUNO, CA 940660000
Owner Name:	MICHAEL SALVATO
Owner Address:	1254 MONTGOMERY AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN BRUNO, CA 940661522
Contact Name:	MICHAEL SALVATO
Contact Address:	1254 MONTGOMERY AVE
Contact Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 94066

NAICS:

EPA ID:	CAL000070873
Create Date:	2004-10-20 10:23:57.043
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	1993-07-30 00:00:00
Inactive Date:	2020-06-30 00:00:00
Facility Name:	BUDS AUTO CLINIC
Facility Address:	1254 MONTGOMERY AVE
Facility Address 2:	Not reported
Facility City:	SAN BRUNO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940660000

AL312 **U-FREIGHT AMERICA INC DBA U-OCEAN (USA) CORP** **RCRA NonGen / NLR** **1024820948**
East **405B SOUTH AIRPORT BLVD** **CAL000335429**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.209 mi.
1105 ft. **Site 1 of 4 in cluster AL**

Relative: **Lower**

Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20080814
Handler Name:	U-FREIGHT AMERICA INC DBA U-OCEAN (USA) CORP
Handler Address:	405B SOUTH AIRPORT BLVD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000335429
Contact Name:	THOMAS HELMER
Contact Address:	395 OYSTER POINT BLVD.
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-583-6527
Contact Fax:	650-583-8122
Contact Email:	TOMHELMER@UFREIGHT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	395 OYSTER POINT BLVD STE 516
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:	U-FREIGHT OF AMERICA INC
Owner Type:	Other
Operator Name:	THOMAS HELMER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

U-FREIGHT AMERICA INC DBA U-OCEAN (USA) CORP (Continued) **1024820948**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THOMAS HELMER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	395 OYSTER POINT BLVD.
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-583-6527
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	U-FREIGHT OF AMERICA INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	395 OYSTER POINT BLVD STE 516
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone:	650-583-6527
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

U-FREIGHT AMERICA INC DBA U-OCEAN (USA) CORP (Continued) **1024820948**

Historic Generators:
- Receive Date: 20080814
- Handler Name: U-FREIGHT AMERICA INC DBA U-OCEAN (USA) CORP
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 541614
- NAICS Description: PROCESS, PHYSICAL DISTRIBUTION, AND LOGISTICS CONSULTING SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

AL313 **PACIFIC PLASTICS PRODUCTS INC** **SEMS-ARCHIVE** **1003879300**
East **405 S AIRPORT BLVD** **CAD982359093**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.209 mi.
1105 ft. **Site 2 of 4 in cluster AL**

Relative: **Lower**

Actual: **20 ft.**

SEMS Archive:
- Site ID: 0903162
- EPA ID: CAD982359093
- Name: PACIFIC PLASTICS PRODUCTS INC
- Address: 405 S AIRPORT BLVD
- Address 2: Not reported
- City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Cong District: 11
- FIPS Code: 06081
- FF: N
- NPL: Not on the NPL
- Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
- Region: 09
- Site ID: 0903162
- EPA ID: CAD982359093
- Site Name: PACIFIC PLASTICS PRODUCTS INC
- NPL: N
- FF: N
- OU: 00
- Action Code: VS
- Action Name: ARCH SITE
- SEQ: 1
- Start Date: Not reported

PACIFIC PLASTICS PRODUCTS INC (Continued) **1003879300**

Finish Date:	1989-07-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	09
Site ID:	0903162
EPA ID:	CAD982359093
Site Name:	PACIFIC PLASTICS PRODUCTS INC
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1987-12-01 05:00:00
Finish Date:	1987-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0903162
EPA ID:	CAD982359093
Site Name:	PACIFIC PLASTICS PRODUCTS INC
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1989-07-24 04:00:00
Qual:	N
Current Action Lead:	St Perf

AL314
East
1/8-1/4
0.209 mi.
1105 ft.

PACIFIC PLASTIC PRODUCTS, INC
405 SOUTH AIRPORT BOULEVARD
S SAN FRANCISCO, CA 94080

ENVIROSTOR **S105026696**
San Mateo Co. BI **N/A**
HIST CORTESE

Site 3 of 4 in cluster AL

Relative:
Lower

Actual:
20 ft.

ENVIROSTOR:

Name:	PACIFIC PLASTIC PRODUCTS, INC
Address:	405 SOUTH AIRPORT BOULEVARD
City,State,Zip:	S SAN FRANCISCO, CA 94080
Facility ID:	41300009
Status:	Refer: RWQCB
Status Date:	05/31/1989
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley

PACIFIC PLASTIC PRODUCTS, INC (Continued) **S105026696**

Assembly: 22
Senate: 13
Special Program: * CERC2
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.64348
Longitude: -122.4027
APN: 015142130
Past Use: NONE SPECIFIED
Potential COC: * ORGANIC LIQUIDS WITH METALS * AQUEOUS SOLUTION WITH METALS Lead Chromium VI
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: MESE HSIN TUNG YANG
Alias Type: Alternate Name
Alias Name: NEW HORIZON FOOD COMPANY
Alias Type: Alternate Name
Alias Name: WINDSURF WAREHOUSE
Alias Type: Alternate Name
Alias Name: 015142130
Alias Type: APN
Alias Name: 41300009
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 05/31/1989
Comments: SUBMIT TO EPA NFA FOR EPA BASED ON AVAILABLE INFO; FACILITY IS NOT AN NPL CANDIDATE PRELIM ASSESS DONE DUE TO ONSITE CONTAMINATION, DHS RECOM- MENDS A SITE INSPECTION

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/28/1987
Comments: SITE SCREENING DONE RATIONALE FOR PA: NEED MORE INFORMATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: FACILITY IDENTIFIED INACTIVE SITE I.D'D IN INITIAL RESEARCH

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

San Mateo Co. BI:

PACIFIC PLASTIC PRODUCTS, INC (Continued) **S105026696**

Name:	U FREIGHT AMERICA INC
Address:	405 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0039023
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0055291
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	U FREIGHT AMERICA INC
Address:	405 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0039023
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0055290
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

HIST CORTESE:

edr_fname:	PACIFIC PLASTIC PRODUCTS,
edr_fadd1:	405 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	CALSI
Reg Id:	41300009

AL315 **GOODWILL INDUSTRIES OF SAN FRANCISCO SAN MATEO MAR** **RCRA NonGen / NLR** **1024859686**
East **405B SOUTH AIRPORT BLVD** **CAL000427087**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.209 mi.
1105 ft. **Site 4 of 4 in cluster AL**

Relative:
Lower

Actual:
20 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20170426
Handler Name:	GOODWILL INDUSTRIES OF SAN FRANCISCO SAN MATEO MARIN COUNTIES
Handler Address:	405B SOUTH AIRPORT BLVD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000427087
Contact Name:	MALLORY ZVARICK
Contact Address:	295 BAY STREET
Contact City,State,Zip:	SAN FRANCISCO, CA 94133
Contact Telephone:	415-575-2153
Contact Fax:	415-575-2171
Contact Email:	MZVARICK@SFGOODWILL.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities

GOODWILL INDUSTRIES OF SAN FRANCISCO SAN MATEO MARIN COUNTIE (Continued) **1024859686**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1500 MISSION ST
Mailing City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner Name:	GOODWILL INDUSTRIES
Owner Type:	Other
Operator Name:	MALLORY ZVARICK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No

GOODWILL INDUSTRIES OF SAN FRANCISCO SAN MATEO MARIN COUNTIE (Continued) **1024859686**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MALLORY ZVARICK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	295 BAY STREET
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133
Owner/Operator Telephone:	415-575-2153
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODWILL INDUSTRIES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	295 BAY STREET
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-575-2101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20170426
Handler Name:	GOODWILL INDUSTRIES OF SAN FRANCISCO SAN MATEO MARIN COUNTIES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	522298
NAICS Description:	ALL OTHER NONDEPOSITORY CREDIT INTERMEDIATION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

GOODWILL INDUSTRIES OF SAN FRANCISCO SAN MATEO MARIN COUNTIE (Continued) **1024859686**

Evaluation Action Summary:
Evaluations: No Evaluations Found

AG316 **WINGFOOT** **San Mateo Co. BI** **S117397782**
WSW **240 DOLLAR** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.213 mi.
1122 ft. **Site 3 of 8 in cluster AG**

Relative:
Higher

Actual:
24 ft.

San Mateo Co. BI:

Name:	WINGFOOT
Address:	240 DOLLAR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017872
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011584
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	WINGFOOT
Address:	240 DOLLAR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017872
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004418
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AM317 **SOUTH SAN FRANCISCO SCAVENGER CO INC** **LUST** **S112968399**
NW **103 S LINDEN AVE** **HAZNET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.213 mi.
1124 ft. **Site 1 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:

Name:	CHEVRON AST FACILITY (FORMER)
Address:	103 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	559201
Facility Status:	9- Case Closed
Global ID:	TI0000000968
APN Number:	014103100
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HAZNET:

Name:	SOUTH SAN FRANCISCO SCAVENGER CO INC
Address:	103 S LINDEN AVE
Address 2:	Not reported

SOUTH SAN FRANCISCO SCAVENGER CO INC (Continued) **S112968399**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact: JOHN ROSSI
Telephone: 6505894020
Mailing Name: Not reported
Mailing Address: 500 E JAMIE CT

Year: 2008
Gepaid: CAC002627549
TSD EPA ID: CAT000646117
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1210.68

Additional Info:
Year: 2008
Gen EPA ID: CAC002627549

Shipment Date: 20080316
Creation Date: 5/16/2008 18:30:07
Receipt Date: 20080311
Manifest ID: 003519052JJK
Trans EPA ID: CAD981420813
Trans Name: ACKLAM TRUCKING
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 21.24
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080313
Creation Date: 4/22/2008 18:30:43
Receipt Date: 20080313
Manifest ID: 002397927JJK
Trans EPA ID: CAD981420813
Trans Name: ACKLAM TRUCKING
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups

SOUTH SAN FRANCISCO SCAVENGER CO INC (Continued) **S112968399**

RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080312
Creation Date:	4/22/2008 18:30:23
Receipt Date:	20080312
Manifest ID:	003519078JJK
Trans EPA ID:	CAR000170217
Trans Name:	PEREZ & SONS T INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080312
Creation Date:	4/22/2008 18:30:23
Receipt Date:	20080312
Manifest ID:	003519079JJK
Trans EPA ID:	CAR000182451
Trans Name:	PACHECO & SONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported

SOUTH SAN FRANCISCO SCAVENGER CO INC (Continued) **S112968399**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080312
Creation Date:	4/22/2008 18:30:23
Receipt Date:	20080312
Manifest ID:	003519080JJK
Trans EPA ID:	CAR000131271
Trans Name:	PRASAD TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080312
Creation Date:	4/22/2008 18:30:23
Receipt Date:	20080312
Manifest ID:	003519081JJK
Trans EPA ID:	CAR000186064
Trans Name:	LP TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080312
Creation Date:	4/22/2008 18:30:23

SOUTH SAN FRANCISCO SCAVENGER CO INC (Continued) **S112968399**

Receipt Date:	20080312
Manifest ID:	003519082JJK
Trans EPA ID:	CAR000186072
Trans Name:	HENRY TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080312
Creation Date:	4/22/2008 18:30:23
Receipt Date:	20080312
Manifest ID:	003519083JJK
Trans EPA ID:	CAR000172320
Trans Name:	R FLORES TRKG
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080312
Creation Date:	4/22/2008 18:30:23
Receipt Date:	20080312
Manifest ID:	003519084JJK
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANSP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117

SOUTH SAN FRANCISCO SCAVENGER CO INC (Continued) **S112968399**

Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080312
Creation Date:	4/22/2008 18:30:23
Receipt Date:	20080312
Manifest ID:	003519085JJK
Trans EPA ID:	CAR000172320
Trans Name:	R FLORES TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	SOUTH SAN FRANCISCO SCAVENGER CO INC
Address:	103 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAC002627549
Inactive Date:	09/01/2008
Create Date:	03/04/2008
Last Act Date:	09/18/2008
Mailing Name:	Not reported
Mailing Address:	500 E JAMIE CT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806222
Owner Name:	SO SAN FRANCISCO SCAVENGER CO INC
Owner Address:	500 E JAMIE CT
Owner Address 2:	Not reported

SOUTH SAN FRANCISCO SCAVENGER CO INC (Continued) **S112968399**

Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806222
Contact Name:	JOHN ROSSI
Contact Address:	500 E JAMIE CT
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806222

AM318 **CHEVRON AST FACILITY (FORMER)** **CPS-SLIC** **S109931098**
NW **103 SOUTH LINDEN STREET** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.213 mi.
1124 ft. **Site 2 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

CPS-SLIC:

Name:	CHEVRON AST FACILITY (FORMER)
Address:	103 SOUTH LINDEN STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/16/2010
Global Id:	T10000000968
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	559201
Latitude:	37.6464175954634
Longitude:	-122.412886619568
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Lead, Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	CHEVRON AST FACILITY (FORMER)
Address:	103 SOUTH LINDEN STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	249754
CERS ID:	T10000000968
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400

CHEVRON AST FACILITY (FORMER) (Continued) **S109931098**

Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AG319 **MARSHAL M MIRZA INC** **LUST U001594798**
WSW **165 SOUTH LINDEN AVENUE** **HIST UST N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.214 mi.
1130 ft. **Site 4 of 8 in cluster AG**

Relative:
Higher

Actual:
24 ft.

SAN MATEO CO. LUST:
Name: MIZRA/SETO PROPERTY
Address: 165 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550030
Facility Status: 9- Case Closed
Global ID: T0608100318
APN Number: 014212110
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HIST UST:
Name: MARSHAL M MIRZA INC
Address: 165 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002C02E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C02E.pdf
Region: STATE
Facility ID: 00000008961
Facility Type: Other
Other Type: GRADING CONTRACTOR
Contact Name: MARSHAL M. MIRZA
Telephone: 4158718550
Owner Name: MARSHAL M. MIRZA, INC.
Owner Address: 165 SOUTH LINDEN AVENUE
Owner City,St,Zip: SO. SAN FRANCISCO, CA 94080
Total Tanks: 0005

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED

MARSHAL M MIRZA INC (Continued) **U001594798**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: 1980
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

AG320 **CLS GLOBAL TRANSPORTATION** **RCRA NonGen / NLR** **1026826877**
WSW **165 S LINDEN AVE** **CAL000461831**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.214 mi.
1130 ft. **Site 5 of 8 in cluster AG**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	20210413
Handler Name:	CLS GLOBAL TRANSPORTATION
Handler Address:	165 S LINDEN AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000461831
Contact Name:	EMILIA VANDENHOEK
Contact Address:	36608 NEWARK BLVD
Contact City,State,Zip:	NEWARK, CA 94560
Contact Telephone:	650-422-9974
Contact Fax:	Not reported
Contact Email:	EMME@CLSGT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported

Actual:
24 ft.

CLS GLOBAL TRANSPORTATION (Continued) **1026826877**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	33657 HARTFORD DR
Mailing City,State,Zip:	UNION CITY, CA 94587
Owner Name:	MOHAMMED AHMED
Owner Type:	Other
Operator Name:	EMILIA VANDENHOEK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210415
Recognized Trader-Importer:	No

CLS GLOBAL TRANSPORTATION (Continued) **1026826877**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EMILIA VANDENHOEK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	36608 NEWARK BLVD
Owner/Operator City,State,Zip:	NEWARK, CA 94560
Owner/Operator Telephone:	650-422-9974
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MOHAMMED AHMED
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	33657 HARTFORD DR
Owner/Operator City,State,Zip:	UNION CITY, CA 94587
Owner/Operator Telephone:	650-587-8888
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210413
Handler Name:	CLS GLOBAL TRANSPORTATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	485510
NAICS Description:	CHARTER BUS INDUSTRY

Facility Has Received Notices of Violations:

Violations:	No Violations Found

CLS GLOBAL TRANSPORTATION (Continued) **1026826877**

Evaluation Action Summary:
Evaluations: No Evaluations Found

AG321 **PACIFIC COAST CAPITAL INVESTORS, LLC** **RCRA NonGen / NLR** **1026041273**
WSW **165 S LINDEN AVE** **CAC003047401**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.214 mi.
1130 ft. **Site 6 of 8 in cluster AG**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20191216
Handler Name:	PACIFIC COAST CAPITAL INVESTORS, LLC
Handler Address:	165 S LINDEN AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6410
EPA ID:	CAC003047401
Contact Name:	PACIFIC COAST CAPITAL INVESTORS LLC
Contact Address:	1575 BAYSHORE HWY
Contact City,State,Zip:	BURLINGAME, CA 94010
Contact Telephone:	626-773-6084
Contact Fax:	Not reported
Contact Email:	PGARCIA@BLUCALINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1575 BAYSHORE HWY
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	PACIFIC COAST CAPITAL INVESTORS LLC
Owner Type:	Other
Operator Name:	PACIFIC COAST CAPITAL INVESTORS LLC
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

PACIFIC COAST CAPITAL INVESTORS, LLC (Continued) **1026041273**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST CAPITAL INVESTORS LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1575 BAYSHORE HWY
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010
Owner/Operator Telephone:	626-773-6084
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC COAST CAPITAL INVESTORS LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1575 BAYSHORE HWY

PACIFIC COAST CAPITAL INVESTORS, LLC (Continued) **1026041273**

Owner/Operator City,State,Zip: BURLINGAME, CA 94010
Owner/Operator Telephone: 626-773-6084
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20191216
Handler Name: PACIFIC COAST CAPITAL INVESTORS, LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AG322 **MIZRA/SETO PROPERTY** **LUST** **S102433418**
WSW **165 LINDEN** **Cortese** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.214 mi. **CERS**
1130 ft. **Site 7 of 8 in cluster AG**

Relative: Higher
Actual: 24 ft.

LUST:
Name: MIZRA/SETO PROPERTY
Address: 165 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100318
Global Id: T0608100318
Latitude: 37.642841
Longitude: -122.413596
Status: Completed - Case Closed
Status Date: 07/24/2000
Case Worker: JM
RB Case Number: 41-0333
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550030
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline

MIZRA/SETO PROPERTY (Continued) **S102433418**

Site History: Not reported

LUST:
Global Id: T0608100318
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100318
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100318
Action Type: Other
Date: 09/13/1987
Action: Leak Discovery

Global Id: T0608100318
Action Type: ENFORCEMENT
Date: 03/16/1994
Action: Notice of Responsibility - #1

Global Id: T0608100318
Action Type: Other
Date: 10/17/1987
Action: Leak Reported

LUST:
Global Id: T0608100318
Status: Open - Case Begin Date
Status Date: 09/17/1987

Global Id: T0608100318
Status: Completed - Case Closed
Status Date: 07/24/2000

CORTESE:
Name: MIZRA/SETO PROPERTY
Address: 165 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100318
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

MIZRA/SETO PROPERTY (Continued) **S102433418**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	MIZRA/SETO PROPERTY
edr_fadd1:	165 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0333

CERS:

Name:	MIZRA/SETO PROPERTY
Address:	165 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	259219
CERS ID:	T0608100318
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

AE323 **SOUTH SAN FRANCISCO SCAVENGER** **LUST** **U001594837**
NW **69 S LINDEN AVE** **HIST UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HAZNET**
0.216 mi. **HWTS**
1140 ft. **Site 3 of 9 in cluster AE**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:

Name:	SOUTH CITY SCAVENGER
Address:	69 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550121
Facility Status:	9- Case Closed
Global ID:	T0608100721
APN Number:	014103090
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HIST UST:

Name:	SOUTH SAN FRANCISCO SCAVENGER
Address:	69 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000013290
Facility Type:	Other
Other Type:	FOR OWN USE
Contact Name:	Not reported
Telephone:	4155894020
Owner Name:	SOUTH SAN FRANCISCO SCAVENGER
Owner Address:	69 SOUTH LINDEN AVENUE
Owner City,St,Zip:	SO. SAN FRANCISCO, CA 94080
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1968
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1968
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL

SOUTH SAN FRANCISCO SCAVENGER (Continued) **U001594837**

Container Construction Thickness: Not reported
Leak Detection: None

HAZNET:

Name:	SOUTH SAN FRANCISCO CA SOUTH LINDEN AVE
Address:	69 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact:	JIM DIEL
Telephone:	9167895184
Mailing Name:	Not reported
Mailing Address:	10031 FOOTHILLS BLVD
Year:	2013
Gepaid:	CAP000241810
TSD EPA ID:	CAD097030993
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Year:	2013
Gepaid:	CAP000241810
TSD EPA ID:	CAT080013352
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	H101 - Sludge Treatment And/Or Dewatering
Tons:	2.45
Year:	2013
Gepaid:	CAP000241810
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1.617

Additional Info:

Year:	2013
Gen EPA ID:	CAP000241810
Shipment Date:	20130913
Creation Date:	10/31/2013 22:15:06
Receipt Date:	20130930
Manifest ID:	011818254JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

SOUTH SAN FRANCISCO SCAVENGER (Continued) **U001594837**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130913
Creation Date:	11/27/2013 22:15:07
Receipt Date:	20130930
Manifest ID:	011818256JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H101 - Sludge Treatment And/Or Dewatering
Quantity Tons:	2.45
Waste Quantity:	4900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130913
Creation Date:	11/27/2013 22:15:07
Receipt Date:	20130930
Manifest ID:	011818255JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D043
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.617
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	D028
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SOUTH SAN FRANCISCO SCAVENGER (Continued) **U001594837**

Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: SOUTH SAN FRANCISCO CA SOUTH LINDEN AVE
Address: 69 S LINDEN AVE
Address 2: PROPERTY ADJACENT EAST TO
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
EPA ID: CAP000241810
Inactive Date: 04/30/2014
Create Date: 01/29/2014
Last Act Date: 07/16/2014
Mailing Name: Not reported
Mailing Address: 2401 E SEPULVEDA BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: LONG BEACH, CA 908100000
Owner Name: UNION PACIFIC RAILROAD
Owner Address: 1400 DOUGLAS STREET
Owner Address 2: Not reported
Owner City,State,Zip: OMAHA, NE 681790000
Contact Name: ANNE THERIAULT
Contact Address: 2401 E SEPULVEDA BLVD
Contact Address 2: Not reported
City,State,Zip: LONG BEACH, CA 908100000

AE324 **SOUTH CITY SCAVENGER** **LUST** **S101303286**
NW **69 LINDEN** **San Mateo Co. BI** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **Cortese**
0.216 mi. **HIST CORTESE**
1140 ft. **Site 4 of 9 in cluster AE** **CERS**

Relative:
Higher

Actual:
21 ft.

LUST:
Name: SOUTH CITY SCAVENGER
Address: 69 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100721
Global Id: T0608100721
Latitude: 37.647316559
Longitude: -122.41247059
Status: Completed - Case Closed
Status Date: 04/19/2011
Case Worker: JM
RB Case Number: 41-0762
Local Agency: SAN MATEO COUNTY LOP
File Location: Not reported
Local Case Number: 550121
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:
Global Id: T0608100721
Contact Type: Regional Board Caseworker

SOUTH CITY SCAVENGER (Continued) **S101303286**

Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100721
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 01/28/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0608100721
Action Type: Other
Date: 06/22/1993
Action: Leak Discovery

Global Id: T0608100721
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/18/2006
Action: Electronic Reporting Submittal Due

Global Id: T0608100721
Action Type: RESPONSE
Date: 07/17/2003
Action: Soil and Water Investigation Workplan

Global Id: T0608100721
Action Type: RESPONSE
Date: 06/12/2003
Action: Interim Remedial Action Plan

SOUTH CITY SCAVENGER (Continued) **S101303286**

Global Id: T0608100721
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 12/04/2003
Action: Staff Letter - #20031204A

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 07/18/2006
Action: Staff Letter - #20060718

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 07/27/2005
Action: Staff Letter - #20050727B

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 04/03/2003
Action: Staff Letter - #20030403C

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 08/24/1993
Action: Notice of Responsibility - #1

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 01/10/2006
Action: Staff Letter - #20060110

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 07/27/2005
Action: Staff Letter - #20050727A

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 06/17/2003
Action: Staff Letter - #20030617

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 04/03/2003
Action: Staff Letter - #20030403B

Global Id: T0608100721
Action Type: ENFORCEMENT

SOUTH CITY SCAVENGER (Continued) **S101303286**

Date: 06/17/2003
Action: Staff Letter - #20030617B

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 04/03/2003
Action: Staff Letter - #20030403A

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 12/04/2003
Action: Staff Letter - #20031204B

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 07/19/2006
Action: Staff Letter - #20060719

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 02/13/2007
Action: Staff Letter - #20070213B

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 02/13/2007
Action: Staff Letter - #20070213A

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 11/29/2006
Action: Staff Letter - #20061129

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 04/01/2004
Action: Staff Letter - #20040401

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 10/24/2008
Action: Staff Letter - #20081024

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Staff Letter - #20090715

Global Id: T0608100721
Action Type: Other
Date: 06/22/1993
Action: Leak Reported

Global Id: T0608100721
Action Type: RESPONSE
Date: 12/29/2006
Action: CAP/RAP - Feasibility Study Report

SOUTH CITY SCAVENGER (Continued) **S101303286**

Global Id: T0608100721
Action Type: RESPONSE
Date: 11/30/2007
Action: Remedial Progress Report

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/14/2007
Action: Remedial Progress Report

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/15/2007
Action: Remedial Progress Report

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 10/08/2003
Action: Interim Remedial Action Report

Global Id: T0608100721
Action Type: RESPONSE
Date: 03/25/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608100721
Action Type: RESPONSE
Date: 07/22/2004
Action: Other Report / Document

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/26/2004
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100721
Action Type: RESPONSE
Date: 10/19/2005
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100721
Action Type: RESPONSE

SOUTH CITY SCAVENGER (Continued) **S101303286**

Date: 08/27/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100721
Action Type: RESPONSE
Date: 07/10/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/29/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

SOUTH CITY SCAVENGER (Continued) **S101303286**

Global Id:	T0608100721
Action Type:	RESPONSE
Date:	05/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0608100721
Action Type:	RESPONSE
Date:	05/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100721
Action Type:	RESPONSE
Date:	02/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100721
Action Type:	RESPONSE
Date:	05/15/2011
Action:	Well Destruction Report
Global Id:	T0608100721
Action Type:	REMEDIATION
Date:	02/27/2006
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0608100721
Action Type:	REMEDIATION
Date:	08/31/1993
Action:	Excavation
Global Id:	T0608100721
Action Type:	REMEDIATION
Date:	01/15/1994
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0608100721
Action Type:	ENFORCEMENT
Date:	11/09/2010
Action:	Letter - Notice - #20101109
Global Id:	T0608100721
Action Type:	ENFORCEMENT
Date:	03/10/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0608100721
Action Type:	ENFORCEMENT
Date:	11/18/2009
Action:	Staff Letter - #20091118
Global Id:	T0608100721
Action Type:	ENFORCEMENT
Date:	11/18/2010
Action:	Staff Letter - #20101118
Global Id:	T0608100721
Action Type:	RESPONSE

SOUTH CITY SCAVENGER (Continued) **S101303286**

Date: 05/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100721
Action Type: RESPONSE
Date: 03/06/2009
Action: Correspondence

Global Id: T0608100721
Action Type: RESPONSE
Date: 05/15/2010
Action: Other Report / Document

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 04/19/2011
Action: Closure/No Further Action Letter - #20110419

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 12/16/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0608100721
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 01/08/2010
Action: Other Workplan

Global Id: T0608100721
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100721
Action Type: RESPONSE
Date: 09/17/2003
Action: Soil and Water Investigation Report

Global Id: T0608100721
Action Type: RESPONSE
Date: 11/08/2006
Action: Corrective Action Plan / Remedial Action Plan

SOUTH CITY SCAVENGER (Continued) **S101303286**

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 10/13/2009
Action: Staff Letter - #20091013

Global Id: T0608100721
Action Type: ENFORCEMENT
Date: 01/21/2010
Action: Staff Letter - #20100121

LUST:
Global Id: T0608100721
Status: Open - Case Begin Date
Status Date: 06/22/1993

Global Id: T0608100721
Status: Open - Site Assessment
Status Date: 06/22/1993

Global Id: T0608100721
Status: Open - Remediation
Status Date: 01/10/2006

Global Id: T0608100721
Status: Open - Remediation
Status Date: 02/13/2007

Global Id: T0608100721
Status: Open - Verification Monitoring
Status Date: 06/24/2009

Global Id: T0608100721
Status: Completed - Case Closed
Status Date: 04/19/2011

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 550121
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: S SAN FRANCISCO SCAVENGER
Address: 69 LINDEN

SOUTH CITY SCAVENGER (Continued) **S101303286**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017702
Prog Element Code: STORES HAZ MAT <6999 GAL, 55999 LB, 2799FT^3
Record Id: PR0004209
Description: STORES HAZ MAT <6999 GAL, 55999 LB, 2799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: S SAN FRANCISCO SCAVENGER
Address: 69 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017702
Prog Element Code: GEN 1-5 TONS HAZ WASTE/YR
Record Id: PR0011605
Description: GEN 1-5 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: S SAN FRANCISCO SCAVENGER
Address: 69 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017702
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026947
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: ACUTECH AUTO
Address: 69 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0040167
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0056180
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ACUTECH AUTO
Address: 69 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0040167
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0056179
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: SOUTH CITY AUTO CENTER
Address: 69 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO

SOUTH CITY SCAVENGER (Continued) **S101303286**

Facility ID: FA0044795
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0056904
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SOUTH CITY AUTO CENTER
Address: 69 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0044795
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0056903
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: BUDGET CAR & TRUCK RENTAL
Address: 69 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027476
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0043682
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: BUDGET CAR & TRUCK RENTAL
Address: 69 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027476
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0043683
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: SOUTH CITY SCAVENGER
Address: 69 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100721
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active

SOUTH CITY SCAVENGER (Continued) **S101303286**

Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SOUTH CITY SCAVENGERS
edr_fadd1:	69 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0762

CERS:

Name:	SOUTH CITY SCAVENGER
Address:	69 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	241029
CERS ID:	T0608100721
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

AE325 **SOUTH SAN FRANCISCO SCAVENGER** **HIST UST** **S101623136**
NW **69 SOUTH LINDEN AVENUE** **CA FID UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.216 mi.
1140 ft. **Site 5 of 9 in cluster AE**

Relative:
Higher

Actual:
21 ft.

HIST UST:

Name:	SOUTH SAN FRANCISCO SCAVENGER
Address:	69 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C314
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C314.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	41004913
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4155894020
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SO. SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

AE326 **SOUTH SAN FRANCISCO SCAVENGERS** **RCRA NonGen / NLR** **1025880387**
NW **69 S LINDEN AVE** **CAP000174946**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.216 mi.
1140 ft. **Site 6 of 9 in cluster AE**

Relative: **Higher**

Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20060615
Handler Name:	SOUTH SAN FRANCISCO SCAVENGERS
Handler Address:	69 S LINDEN AVE
Handler City,State,Zip:	S SAN FRANCISCO, CA 94080
EPA ID:	CAP000174946
Contact Name:	JOHN ROSSI
Contact Address:	PO BOX 348
Contact City,State,Zip:	S SAN FRANCISCO, CA 94083-0348
Contact Telephone:	650-589-4020 x114
Contact Fax:	Not reported
Contact Email:	JOHNR@SSFSCAVENGER.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 348
Mailing City,State,Zip:	S SAN FRANCISCO, CA 94083-0348
Owner Name:	S SAN FRANCISCO SCAVENGER
Owner Type:	Private
Operator Name:	S SAN FRANCISCO SCAVENGER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SOUTH SAN FRANCISCO SCAVENGERS (Continued) **1025880387**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20061122
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	S SAN FRANCISCO SCAVENGER
Legal Status:	Private
Date Became Current:	19690101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 348
Owner/Operator City,State,Zip:	S SAN FRANCISCO, CA 94083-0348
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	S SAN FRANCISCO SCAVENGER
Legal Status:	Private
Date Became Current:	19690101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

SOUTH SAN FRANCISCO SCAVENGERS (Continued) **1025880387**

Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060615
Handler Name: SOUTH SAN FRANCISCO SCAVENGERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56292
NAICS Description: MATERIALS RECOVERY FACILITIES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AE327 **SOUTH CITY AUTO CENTER** **CERS HAZ WASTE** **S121747211**
NW **69 S LINDEN** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.216 mi.
1140 ft. **Site 7 of 9 in cluster AE**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:
Name: SOUTH CITY AUTO CENTER
Address: 69 S LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 154881
CERS ID: 10071217
CERS Description: Hazardous Waste Generator

CERS:
Name: SOUTH CITY AUTO CENTER
Address: 69 S LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 154881
CERS ID: 10071217
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 154881
Site Name: SOUTH CITY AUTO CENTER
Violation Date: 09-19-2018

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 09/19/2018. Last HMBP submitted was 2016. Assisted facility logging into the portal, review the HMBP and submit the plan during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-28-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Returned to compliance on 08/07/2017. Notify property owner in writing that facility is subject to HMBP reporting requirement within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-19-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 04/26/2019.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-19-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 04/26/2019. Reactivate EPA ID# by emailing a completed application to DTSC and complete the eVQ within 30 days. Reactivate EPA ID# by emailing a completed application to DTSC and complete the eVQ within 30 days. The web address for eVQ is: https://evq.dtsc.ca.gov/Home.aspx
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-19-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 04/26/2019. For the drain pan, please label the drain pan with Empty Daily
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-19-2018
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 04/26/2019. Conduct and document employee training within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-02-2020
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Dispose of waste antifreeze within 30 days. The last time the waste antifreeze was disposed of was in April 2018
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-28-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in

SOUTH CITY AUTO CENTER (Continued) **S121747211**

	safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 08/07/2017. Facility needs to document employee training within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-28-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/28/2016. The facility information section of the Hazardous waste label is missing and the accumulation start date is not up to date for the waste oil tank and the waste coolant drum. New labels completed during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-28-2016
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 08/07/2017. Secure compressed gas cylinder located in the repair shop in the employee break area ASAP.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-02-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	1. The HMBP must be re-submitted or re-certified on an annual basis. The last HMBP was submitted on 10/9/20. Please log into the website and submit the HMBP: https://ehesubmit.smchealth.org/
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-02-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	The hazardous waste label on the used oil tank is illegible. New hazardous waste labels was provided to the facility representative. Please place a new and completed hazardous waste label on the used oil tank ASAP but no later than 30 days. Please email me a photo for verification. The accumulation date needs to be written in on the used oil filter labels. New labels were provided to the facility.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-28-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 08/07/2017.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Violation Date:	09-19-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/19/2018. The hazardous waste label for the used oil tank was illegible. A new label was placed on the tank during inspection. The last disposal date on the waste antifreeze drum was 4/13/2016. Owner said there was a more recent pick up, however, owner can t locate receipt due to the fact all the receipts are submitted to the account. Informed owner to make a copy of all the disposal receipts and keep them in a folder in the future.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	02-15-2017

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Assisted owner with letter
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-29-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: attempted to conduct a follow up
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-19-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-01-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-02-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Fluorescent light bulbs - CESQG

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Needs to secure compressed gas cylinder ASAP.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-07-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-04-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: operator on VL, other partner requested Larry's assistance with assistance.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-01-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The latest HMBP was submitted on 10/9/2018 vis san mateo county portal
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: - Oil - Antifreeze - Fuel Filters
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-26-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-07-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-27-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-10-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-12-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Purpose of the site visit is follow up inspection for compliance. 1. Employee training was not documented. Owner went through relevant elements with employees during the follow up. 2. The oil catch basin did not have an "Empty daily" tag". Owner manged to print out the label, laminate the label and affixed it to the mobile catch basin. 3. COmpleted the EPA ID# application form during inspection. 4. The accumulation start dates for the used oil tank and waste filters had not been updated since 8/2018. Accumulation start dates updated during inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-28-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The NOV via certified letter was returned to our office. I stopped by the facility, the owner was not in. I left the NOV with one of the employee.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Eval General Type:	Other/Unknown
Eval Date:	09-01-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-01-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: Used oil in a 200 gallon double walled steel AST Waste antifreeze stored in a 55 gallon poly tank Waste Filters stored in 55 gallon tank Facility mainly generates metal filters but occasionally paper filters are generated. Facility stated Sacramento Oil (company that picks up the waste filters) did not request the facility is separate out the metal and paper filters.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	09-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-17-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	12-02-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	12-07-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-10-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-22-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-21-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	cerify employee training, Once left EPAid application with facility and emailed instruction on eVQ.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-25-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-28-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Eval General Type:	Other/Unknown
Eval Date:	08-29-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-19-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	The last HMBP was submitted in 2016. Assisted facility to update the facility map and logging into the portal.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	09-28-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	09-28-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	10-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-15-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-15-2013

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-24-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 154881
Site Name: SOUTH CITY AUTO CENTER
Site Address: 69 S LINDEN
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 07-07-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 9/6/17: Facility violations marked corrected 8/7/17 in violation dispatch center.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 154881
Site Name: SOUTH CITY AUTO CENTER
Site Address: 69 S LINDEN
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 02-01-2019
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV letter delivered 2/04/2019. 4/8/19: 4 VIOLA.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 154881
Site Name: SOUTH CITY AUTO CENTER
Site Address: 69 S LINDEN
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 02-01-2019
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV letter delivered 2/04/2019. 4/8/19: 4 VIOLA.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Site ID:	154881
Site Name:	SOUTH CITY AUTO CENTER
Site Address:	69 S LINDEN
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	07-07-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	9/6/17: Facility violations marked corrected 8/7/17 in violation dispatch center.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS,

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	KEVIN LU
Entity Title:	Not reported
Affiliation Address:	69 S Linden
Affiliation City:	south san francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Kevin Lu
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	SOUTH CITY AUTO CENTER
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address

SOUTH CITY AUTO CENTER (Continued) **S121747211**

Entity Title:	Not reported
Affiliation Address:	69 S LINDEN
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	KEVIN LU
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	LU, KEVIN
Entity Title:	Not reported
Affiliation Address:	69 LINDEN
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 873-9688,
Affiliation Type Desc:	Operator
Entity Name:	KEVIN LU
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 873-9688,

AE328 **BAYSIDE COLLISION CENTER** **RCRA NonGen / NLR** **1024872624**
NW **69 S LINDEN AVE** **CAL000441272**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.216 mi.
1140 ft. **Site 8 of 9 in cluster AE**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	20181129
Handler Name:	BAYSIDE COLLISION CENTER
Handler Address:	69 S LINDEN AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000441272
Contact Name:	JONATHAN VIDAL
Contact Address:	69 S LINDEN AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-585-1000
Contact Fax:	650-585-4414
Contact Email:	BAYSIDE650@GMAIL.COM
Contact Title:	Not reported

Actual:
21 ft.

BAYSIDE COLLISION CENTER (Continued) **1024872624**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	69 S LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	JONATHAN VIDAL
Owner Type:	Other
Operator Name:	JONATHAN VIDAL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

BAYSIDE COLLISION CENTER (Continued) **1024872624**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181220
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JONATHAN VIDAL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1019 JUNIPERO AVE
Owner/Operator City,State,Zip:	REDWOOD CITY, CA 94061
Owner/Operator Telephone:	650-400-9391
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JONATHAN VIDAL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	69 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-585-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181129
Handler Name:	BAYSIDE COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121

BAYSIDE COLLISION CENTER (Continued) **1024872624**

NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AE329 **SOUTH SAN FRANCISCO SCAVENGER** **SWEEPS UST** **S104494237**
NW **69 S LINDEN AVE** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.216 mi.
1140 ft. **Site 9 of 9 in cluster AE**

Relative:
Higher

Actual:
21 ft.

SWEEPS UST:

Name:	SOUTH SAN FRANCISCO SCAVENGER
Address:	69 S LINDEN AVE
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550039
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550039-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	3

Name:	SOUTH SAN FRANCISCO SCAVENGER
Address:	69 S LINDEN AVE
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550039
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550039-000002
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name: SOUTH SAN FRANCISCO SCAVENGER

SOUTH SAN FRANCISCO SCAVENGER (Continued) **S104494237**

Address:	69 S LINDEN AVE
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550039
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550039-000003
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

Name:	SOUTH SAN FRANCISCO SCAVENGER
Address:	69 S LINDEN AVE
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550039
Number:	9
Board Of Equalization:	Not reported
Referral Date:	02-03-94
Action Date:	02-03-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

AI330 **SEGOVIA AUTO REPAIR** **San Mateo Co. BI** **S109048822**
SW **1229 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.216 mi.
1142 ft. **Site 6 of 31 in cluster AI**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:

Name:	ADVANCED AUTO BODY
Address:	1229 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0050860
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0070610
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	ADVANCED AUTO BODY

SEGOVIA AUTO REPAIR (Continued) **S109048822**

Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0050860
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0070609
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AUTO CLASS SOLUTION
Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0058095
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0080586
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: AUTO CLASS SOLUTION
Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0058095
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0080585
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ADVANCED AUTO
Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0037328
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0054175
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: ADVANCED AUTO
Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0037328
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0054173
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: ADVANCED AUTO
Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066

SEGOVIA AUTO REPAIR (Continued) **S109048822**

Region: SAN MATEO
Facility ID: FA0037328
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0054174
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ADVANCED AUTO BODY
Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0048029
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0065716
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: ADVANCED AUTO BODY
Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0048029
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0065715
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SEGOVIA AUTO REPAIR
Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0028770
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0048289
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SEGOVIA AUTO REPAIR
Address: 1229 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0028770
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0048288
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

AI331 **CASTILLOS AUTO REPAIR** **San Mateo Co. BI** **S108225905**
SW **1240 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.216 mi.
1142 ft. **Site 7 of 31 in cluster AI**

Relative: **Lower**

Actual: **20 ft.**

San Mateo Co. BI:

Name:	GINOS AUTO CENTER
Address:	1240 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0053025
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0073428
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	GINOS AUTO CENTER
Address:	1240 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0053025
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0073429
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	GINOS AUTO CENTER
Address:	1240 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0053025
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0073430
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	C & C AUTOMOTIVE REFINISHING
Address:	1240 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0032031
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0051821
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	C & C AUTOMOTIVE REFINISHING
Address:	1240 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0032031
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0051822
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS

CASTILLOS AUTO REPAIR (Continued) **S108225905**

Facility Status:	Inactive, non-billable
Program Category:	STORMWATER
Name:	CASTILLOS AUTO REPAIR
Address:	1240 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0045273
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0058657
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER
Name:	CASTILLOS AUTO REPAIR
Address:	1240 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0045273
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0058654
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	CASTILLOS AUTO REPAIR
Address:	1240 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0045273
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0058656
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

AI332 **GEORGE ABRAHAMSOHN** **RCRA NonGen / NLR** **1026719804**
SW **1240 MONTGOMERY AVE** **CAC003108462**
1/8-1/4 **SAN BRUNO, CA 94066**
0.216 mi.
1142 ft. **Site 8 of 31 in cluster AI**

Relative: **Lower**

Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20210304
Handler Name:	GEORGE ABRAHAMSOHN	
Handler Address:		1240 MONTGOMERY AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAC003108462
Contact Name:		GEORGE ABRAHAMSOHN
Contact Address:		78 KATHLEEN CT
Contact City,State,Zip:		PACIFICA, CA 94044
Contact Telephone:		650-291-7961
Contact Fax:		Not reported
Contact Email:		D_ELECTRIC@MSN.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified

GEORGE ABRAHAMSOHN (Continued) **1026719804**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	78 KATHLEEN CT
Mailing City,State,Zip:	PACIFICA, CA 94044
Owner Name:	GEORGE ABRAHAMSOHN
Owner Type:	Other
Operator Name:	GEORGE ABRAHAMSOHN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

GEORGE ABRAHAMSOHN (Continued) **1026719804**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210312
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GEORGE ABRAHAMSOHN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	78 KATHLEEN CT
Owner/Operator City,State,Zip:	PACIFICA, CA 94044
Owner/Operator Telephone:	650-291-7961
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGE ABRAHAMSOHN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	78 KATHLEEN CT
Owner/Operator City,State,Zip:	PACIFICA, CA 94044
Owner/Operator Telephone:	650-291-7961
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210304
Handler Name: GEORGE ABRAHAMSOHN	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

GEORGE ABRAHAMSOHN (Continued) **1026719804**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AN333 **AIRBORNE EXPRESS CORP OYS** **LUST** **S103648668**
NE **274 WATTIS WAY** **CHMIRS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **Cortese**
0.217 mi. **HIST CORTESE**
1148 ft. **Site 1 of 8 in cluster AN** **WDS**
CERS

Relative:
Higher

Actual:
25 ft.

SAN MATEO CO. LUST:
Name: MONROE SCHNEIDER ASSOC.
Address: 274 WATTIS WY
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550077
Facility Status: 9- Case Closed
Global ID: T0608100351
APN Number: 015124080
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: MONROE SCHNEIDER ASSOC.
Address: 274 WATTIS
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100351
Global Id: T0608100351
Latitude: 37.647374
Longitude: -122.403276
Status: Completed - Case Closed
Status Date: 05/06/1992
Case Worker: JM
RB Case Number: 41-0369
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550077
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Xylene
Site History: Not reported

LUST:
Global Id: T0608100351
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

AIRBORNE EXPRESS CORP OYS (Continued) **S103648668**

Global Id: T0608100351
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100351
Action Type: Other
Date: 05/08/1991
Action: Leak Discovery

Global Id: T0608100351
Action Type: ENFORCEMENT
Date: 05/08/1991
Action: Notice of Responsibility - #1

Global Id: T0608100351
Action Type: Other
Date: 05/08/1991
Action: Leak Reported

LUST:
Global Id: T0608100351
Status: Open - Case Begin Date
Status Date: 05/08/1991

Global Id: T0608100351
Status: Completed - Case Closed
Status Date: 05/06/1992

CHMIRS:
Name: Not reported
Address: 274 WATTIS WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
OES Incident Number: 0-4802
OES notification: 10/17/2000
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported

AIRBORNE EXPRESS CORP OYS (Continued) **S103648668**

Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Safety Clean & SFFD
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	South City Fire Dept. S.F.
Incident Date:	10/17/200012:00:00 AM
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Road
E Date:	Not reported
Substance:	Diesel
Gallons:	75
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Truck hit saddle tank on a bridge which caused the truck to leak. An hour later at the same location, a different truck also hit it saddle tank on the bridge. The second incident happened at 1525, and started at 274 Wattis Way and ended at the S.F. aairport. Airport personnel were able to assist in the cleaning of the second incident..
	Not reported

AIRBORNE EXPRESS CORP OYS (Continued) **S103648668**

CORTESE:

Name:	MONROE SCHNEIDER ASSOC.
Address:	274 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100351
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	MONROE SCHNEIDER ASSOCIAT
edr_fadd1:	274 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0369

WDS:

Name:	AIRBORNE EXPRESS CORP OYS
Address:	274 Wattis Way
City:	SOUTH SAN FRANCISCO
Facility ID:	San Francisco Bay 41I016290
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	6505889880
Facility Contact:	THOMAS JEFF
Agency Name:	AIRBORNE FREIGHT CORP
Agency Address:	3131 Elliott Ave
Agency City,St,Zip:	Seattle 981211044

AIRBORNE EXPRESS CORP OYS (Continued) **S103648668**

Agency Contact:	SMITH PAUL
Agency Telephone:	2068303831
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name:	MONROE SCHNEIDER ASSOC.
Address:	274 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	203653
CERS ID:	T0608100351
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

AN334 **MONROE SCHNEIDER ASSOC.** **LUST** **S103890780**
NE **274 WATTIS** **San Mateo Co. BI** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **HAZNET**
0.217 mi. **HWTS**
1148 ft. **Site 2 of 8 in cluster AN**

Relative:
Higher

Actual:
25 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550077
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	DHL AIRBORNE EXPRESS
Address:	274 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0026386
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0043294
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	DHL AIRBORNE EXPRESS
Address:	274 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0026386
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0038214
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

HAZNET:

Name:	ONTRAC
Address:	274 WATTIS WAY
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact:	JUDE AMANTE
Telephone:	6502017300
Mailing Name:	Not reported
Mailing Address:	274 WATTIS WAY
Year:	2013
Gepaid:	CAC002755670

MONROE SCHNEIDER ASSOC. (Continued) **S103890780**

TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.209

Additional Info:
Year: 2013
Gen EPA ID: CAC002755670

Shipment Date: 20131226
Creation Date: 3/2/2014 22:15:06
Receipt Date: 20131231
Manifest ID: 005188067FLE
Trans EPA ID: CAR000206086
Trans Name: NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO\\KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: ONTRAC
Address: 274 WATTIS WAY
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAC002755670
Inactive Date: 03/25/2014
Create Date: 12/24/2013
Last Act Date: 03/26/2014
Mailing Name: Not reported
Mailing Address: 274 WATTIS WAY
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: ONTRAC
Owner Address: 274 WATTIS WAY
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Name: JUDE AMANTE
Contact Address: 274 WATTIS WAY
Contact Address 2: Not reported

MONROE SCHNEIDER ASSOC. (Continued) **S103890780**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

AN335 **HARMON SHRAGGE CO** **LUST** **S103472882**
NE **280 WATTIS** **San Mateo Co. BI** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **Cortese**
0.220 mi. **HIST CORTESE**
1163 ft. **Site 3 of 8 in cluster AN** **CERS**

Relative:
Lower

Actual:
20 ft.

SAN MATEO CO. LUST:

Name:	HARMON SHRAGGE CO
Address:	280 WATTIS WY
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550076
Facility Status:	9- Case Closed
Global ID:	T0608100252
APN Number:	015124070
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	HARMON SHRAGGE CO
Address:	280 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100252
Global Id:	T0608100252
Latitude:	37.646702
Longitude:	-122.403305
Status:	Completed - Case Closed
Status Date:	08/22/1996
Case Worker:	JM
RB Case Number:	41-0264
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550076
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100252
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100252
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org

HARMON SHRAGGE CO (Continued) **S103472882**

Phone Number: 6503995959

LUST:
Global Id: T0608100252
Action Type: Other
Date: 10/31/1990
Action: Leak Discovery

Global Id: T0608100252
Action Type: ENFORCEMENT
Date: 11/15/1990
Action: Notice of Responsibility - #1

Global Id: T0608100252
Action Type: Other
Date: 09/28/1990
Action: Leak Reported

LUST:
Global Id: T0608100252
Status: Open - Case Begin Date
Status Date: 09/28/1990

Global Id: T0608100252
Status: Completed - Case Closed
Status Date: 08/22/1996

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550076
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: HARMON SCHRAGGE & CO
Address: 280 WATTIS
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0023125
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026380
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable

HARMON SHRAGGE CO (Continued) **S103472882**

Program Category: UNDERGROUND TANK PROGRAM

CORTESE:

Name:	HARMON SHRAGGE CO
Address:	280 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100252
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	HARMON SCHRAGGE COMPANY
edr_fadd1:	280 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0264

CERS:

Name:	HARMON SHRAGGE CO
Address:	280 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	205564
CERS ID:	T0608100252
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

HARMON SHRAGGE CO (Continued) **S103472882**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AI336 **THE BONEYARD** **San Mateo Co. BI** **S123183800**
SW **1225 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.220 mi.
1164 ft. **Site 9 of 31 in cluster AI**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:

Name:	THE BONEYARD
Address:	1225 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0056453
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0077757
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AI337 **EXPRESS CAFE** **San Mateo Co. BI** **S123179513**
SW **1225 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.220 mi.
1164 ft. **Site 10 of 31 in cluster AI**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:

Name:	EXPRESS CAFE
Address:	1225 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0001441
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043866
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AI338 **EXPRESS CAFE** **San Mateo Co. BI** **S123183454**
SW **1225 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.220 mi.
1164 ft. **Site 11 of 31 in cluster AI**

Relative: San Mateo Co. BI:
Lower
Actual: Name: EXPRESS CAFE
20 ft. Address: 1225 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0053906
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0074477
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

AK339 **SCAFFOLD INSPECTION AND TESTING COMPANY** **RCRA NonGen / NLR** **1024751993**
SE **183 BEACON STREET** **CAC002971790**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.222 mi.
1171 ft. **Site 2 of 12 in cluster AK**

Relative: RCRA NonGen / NLR:
Lower
Actual: Date Form Received by Agency: 20180719
19 ft. Handler Name: SCAFFOLD INSPECTION AND TESTING COMPANY
Handler Address: 183 BEACON STREET
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAC002971790
Contact Name: BILL MITCHELL
Contact Address: 183A BEACON STREET
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 650-278-0917
Contact Fax: Not reported
Contact Email: BILL@SIT-CO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 183A BEACON STREET
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: KATIE DEBATTISTA
Owner Type: Other
Operator Name: BILL MITCHELL
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No

SCAFFOLD INSPECTION AND TESTING COMPANY (Continued) **1024751993**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BILL MITCHELL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	183A BEACON STREET
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

SCAFFOLD INSPECTION AND TESTING COMPANY (Continued) **1024751993**

Owner/Operator Telephone:	650-278-0917
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KATIE DEBATTISTA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	183A BEACON STREET
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-4626
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180719
Handler Name:	SCAFFOLD INSPECTION AND TESTING COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	238220
NAICS Description:	PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AK340 **ATLAS METAL SPINNING CO INC** **San Mateo Co. BI** **S117398501**
SE **183 BEACON** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.222 mi.
1171 ft. **Site 3 of 12 in cluster AK**

Relative: **Lower**
Actual: **19 ft.**

San Mateo Co. BI:

Name:	CAPITAL BUILDING MAINTENANCE
Address:	183 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0022512
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0024721

ATLAS METAL SPINNING CO INC (Continued) **S117398501**

Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	ATLAS METAL SPINNING CO INC
Address:	183 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0005524
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004265
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	ATLAS METAL SPINNING CO INC
Address:	183 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0005524
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011637
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	CAPITAL BLDG MAINT GROUP LLC
Address:	183 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0039080
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0055340
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AK341 **ACCESS SYSTEMS & SOLUTIONS INC DBA SCAFFOLD INSPEC** **RCRA NonGen / NLR** **1024823340**
SE **183 BEACON ST STE A** **CAL000343897**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.222 mi.
1171 ft. **Site 4 of 12 in cluster AK**

Relative: **Lower**

Actual: **19 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20090612
Handler Name:	ACCESS SYSTEMS & SOLUTIONS INC DBA SCAFFOLD INSPECTION & TESTING CO
Handler Address:	183 BEACON ST STE A
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6921
EPA ID:	CAL000343897
Contact Name:	BONNIE MOSTERT
Contact Address:	183 BEACON ST STE A
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-588-4626
Contact Fax:	650-588-4659
Contact Email:	OFFICE@SIT-CO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported

ACCESS SYSTEMS & SOLUTIONS INC DBA SCAFFOLD INSPECTION & TES (Continued) **1024823340**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	183 BEACON ST STE A
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6921
Owner Name:	ACCESS SYSTEMS & SOLUTIONS INC
Owner Type:	Other
Operator Name:	BONNIE MOSTERT
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

ACCESS SYSTEMS & SOLUTIONS INC DBA SCAFFOLD INSPECTION & TES (Continued) **1024823340**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ACCESS SYSTEMS & SOLUTIONS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	183 BEACON ST STE A
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6921
Owner/Operator Telephone:	650-588-4626
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BONNIE MOSTERT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	183 BEACON ST STE A
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-4626
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20090612
Handler Name:	ACCESS SYSTEMS & SOLUTIONS INC DBA SCAFFOLD INSPECTION & TESTING CO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56291
NAICS Description:	REMEDIATION SERVICES

ACCESS SYSTEMS & SOLUTIONS INC DBA SCAFFOLD INSPECTION & TES (Continued) **1024823340**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AM342 **FOUR STAR AUTOMOTIVE INC** **SWEEPS UST** **S102269488**
WNW **113 S LINDEN AVE** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.223 mi.
1175 ft. **Site 3 of 17 in cluster AM**

Relative: Higher
Actual: 21 ft.

SWEEPS UST:

Name:	FOUR STAR AUTOMOTIVE INC
Address:	113 S LINDEN AVE
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550085
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

AM343 **FOUR STAR AUTOMOTIVE** **RCRA-SQG** **1000351865**
WNW **113 S LINDEN AVE** **LUST** **CAD982009763**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HIST UST**
0.223 mi. **CA FID UST**
1175 ft. **Site 4 of 17 in cluster AM** **FINDS**
ECHO

Relative: Higher
San Mateo Co. Bl
Cortese
Actual: 21 ft.
HIST CORTESE
CERS

RCRA-SQG:

Date Form Received by Agency:		19960901
Handler Name:	FOUR STAR AUTOMOTIVE	
Handler Address:		113 S LINDEN AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD982009763
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported

FOUR STAR AUTOMOTIVE (Continued) **1000351865**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	S LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	FERRARIO BRUCE
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

FOUR STAR AUTOMOTIVE (Continued) **1000351865**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FERRARIO BRUCE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: FOUR STAR AUTOMOTIVE	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

FOUR STAR AUTOMOTIVE (Continued) **1000351865**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN MATEO CO. LUST:
Name: FOUR STAR AUTOMOTIVE, INC.
Address: 113 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550049
Facility Status: 9- Case Closed
Global ID: T0608100226
APN Number: 014212010
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: FOUR STAR AUTOMOTIVE, INC.
Address: 113 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100226
Global Id: T0608100226
Latitude: 37.653099
Longitude: -122.411036
Status: Completed - Case Closed
Status Date: 06/28/1996
Case Worker: JM
RB Case Number: 41-0237
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550049
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0608100226
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100226
Contact Type: Local Agency Caseworker

FOUR STAR AUTOMOTIVE (Continued) **1000351865**

Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100226
Action Type: Other
Date: 07/10/1989
Action: Leak Discovery

Global Id: T0608100226
Action Type: ENFORCEMENT
Date: 08/18/1989
Action: Notice of Responsibility - #1

Global Id: T0608100226
Action Type: Other
Date: 12/04/1988
Action: Leak Reported

LUST:
Global Id: T0608100226
Status: Open - Case Begin Date
Status Date: 12/04/1988

Global Id: T0608100226
Status: Completed - Case Closed
Status Date: 06/28/1996

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550049
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST UST:
Name: FOUR STAR AUTOMOTIVE INC
Address: 113 SOUTH LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BE8C

FOUR STAR AUTOMOTIVE (Continued) **1000351865**

URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BE8C.pdf
Region:	STATE
Facility ID:	00000043078
Facility Type:	Other
Other Type:	AUTO REPAIR
Contact Name:	DON CORDO
Telephone:	4159523111
Owner Name:	FOUR STAR AUTOMOTIVE A PARTNER
Owner Address:	113 SOUTH LINDEN AVE
Owner City,St,Zip:	SOUTH SAN FRANCISCO, CA 94080
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1977
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	10
Leak Detection:	None
Tank Num:	002
Container Num:	1
Year Installed:	1977
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	10
Leak Detection:	None

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	41000248
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	113 S LINDEN AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SO. SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

FINDS:

Registry ID: 110002775257

Click Here:

FOUR STAR AUTOMOTIVE (Continued) **1000351865**

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000351865
Registry ID:	110002775257
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002775257
Name:	FOUR STAR AUTOMOTIVE
Address:	113 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

San Mateo Co. BI:

Name:	FOUR STAR AUTOMOTIVE INC
Address:	113 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017744
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022625
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	FOUR STAR AUTOMOTIVE INC
Address:	113 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017812
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011540
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	FOUR STAR AUTOMOTIVE INC
Address:	113 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017812
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004278
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

CORTESE:

Name:	FOUR STAR AUTOMOTIVE, INC.

FOUR STAR AUTOMOTIVE (Continued) **1000351865**

Address:	113 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100226
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	FOUR STAR AUTOMOTIVE INC
edr_fadd1:	113 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0237

CERS:

Name:	FOUR STAR AUTOMOTIVE, INC.
Address:	113 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	253269
CERS ID:	T0608100226
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND

FOUR STAR AUTOMOTIVE (Continued) **1000351865**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AC344 **PRE CUT SPECIALTIES** **San Mateo Co. BI** **S117397452**
SSE **344 SHAW** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.223 mi.
1176 ft. **Site 2 of 2 in cluster AC**

Relative: San Mateo Co. BI:
Lower

Name:	PRE CUT SPECIALTIES
Address:	344 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0011692
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004443
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Actual:
20 ft.

AI345 **AMAZON AUTO BODY** **RCRA NonGen / NLR** **1024830074**
SW **1255 MONTGOMERY AVE** **CAL000364546**
1/8-1/4 **SAN BRUNO, CA 94066**
0.223 mi.
1178 ft. **Site 12 of 31 in cluster AI**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		20110614
Handler Name:	AMAZON AUTO BODY	
Handler Address:		1255 MONTGOMERY AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAL000364546
Contact Name:		CRISTIANE PEREIRA
Contact Address:		380 HAZEL AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		650-225-0885
Contact Fax:		650-225-9503
Contact Email:		AMAZONAUTOBODY@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1255 MONTGOMERY AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066-0000
Owner Name:		CRISTIANE PEREIRA
Owner Type:		Other

Actual:
20 ft.

AMAZON AUTO BODY (Continued) **1024830074**

Operator Name:	CRISTIANE PEREIRA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

AMAZON AUTO BODY (Continued) **1024830074**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CRISTIANE PEREIRA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	380 HAZEL AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-225-0885
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRISTIANE PEREIRA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1255 MONTGOMERY AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066-0000
Owner/Operator Telephone:	650-225-0885
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20110614
Handler Name: AMAZON AUTO BODY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AI346 **PRO TECH** **San Mateo Co. BI** **S110071836**
SW **1255 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.223 mi.
1178 ft. **Site 13 of 31 in cluster AI**

Relative: San Mateo Co. BI:
Lower

Actual: Name: PRO TECH
20 ft. Address: 1255 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0025945
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0037345
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PRO TECH
Address: 1255 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0025945
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043586
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: AMAZON
Address: 1255 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0048165
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0065961
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: AMAZON
Address: 1255 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0048165
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0065960
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PROFESSIONAL AUTO BODY IN
Address: 1255 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0047431
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0064706
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS

PRO TECH (Continued) **S110071836**

Facility Status:	Inactive, non-billable
Program Category:	STORMWATER
Name:	PROFESSIONAL AUTO BODY IN
Address:	1255 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0047431
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0064705
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

AI347 **AMAZON AUTOBODY** **RCRA NonGen / NLR** **1024751583**
SW **1255 MONTGOMERY AVE** **CAC002971376**
1/8-1/4 **SAN BRUNO, CA 94066**
0.223 mi.
1178 ft. **Site 14 of 31 in cluster AI**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20180717
Handler Name:	AMAZON AUTOBODY	
Handler Address:		1255 MONTGOMERY AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAC002971376
Contact Name:		MARGARET CAMARGO
Contact Address:		1255 MONTGOMERY AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		415-872-9105
Contact Fax:		Not reported
Contact Email:		JASMIN@HAYWARDENVIRONMENTAL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1255 MONTGOMERY AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066
Owner Name:		MARGARET CAMARGO
Owner Type:		Other
Operator Name:		MARGARET CAMARGO
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No

AMAZON AUTOBODY (Continued) **1024751583**

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARGARET CAMARGO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1255 MONTGOMERY AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	415-872-9105
Owner/Operator Telephone Ext:	Not reported

AMAZON AUTOBODY (Continued) **1024751583**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARGARET CAMARGO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1255 MONTGOMERY AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	415-872-9105
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180717
Handler Name: AMAZON AUTOBODY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AK348 **CALIFORNIA PACKAGING PRODUCTS** **HIST UST** **U001594745**
SE **184 BEACON STREET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.225 mi.
1188 ft. **Site 5 of 12 in cluster AK**

Relative:
Lower

Actual:
20 ft.

HIST UST:

Name:	CALIFORNIA PACKAGING PRODUCTS
Address:	184 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C217
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C217.pdf
Region:	STATE
Facility ID:	00000053979
Facility Type:	Other
Other Type:	PACKAGING PRODUCTS

CALIFORNIA PACKAGING PRODUCTS (Continued) **U001594745**

Contact Name:	LOESCH, DONALD
Telephone:	4159521755
Owner Name:	SAL ENTERPRISES INC.
Owner Address:	643 FAIRWAY CIRCLE
Owner City,St,Zip:	HILLSBOROUGH, CA 94010
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

AJ349 **ATLAS METAL SPINNING CO INC** **RCRA-SQG** **1000157548**
SE **470 S AIRPORT BLVD** **FINDS** **CAD981627045**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.225 mi. **HAZNET**
1189 ft. **Site 3 of 3 in cluster AJ** **HWTS**

Relative: **Lower**
Actual: **18 ft.**

RCRA-SQG:

Date Form Received by Agency:	19870129
Handler Name:	ATLAS METAL SPINNING CO INC
Handler Address:	470 S AIRPORT BLVD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD981627045
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	470 S AIRPORT BLVD
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-871-6710
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	470 S AIRPORT BLVD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	MARION ADAMIS
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

ATLAS METAL SPINNING CO INC (Continued) **1000157548**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARION ADAMIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

ATLAS METAL SPINNING CO INC (Continued) **1000157548**

Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19870129
Handler Name: ATLAS METAL SPINNING CO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332116
NAICS Description: METAL STAMPING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002729762

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

ATLAS METAL SPINNING CO INC (Continued) **1000157548**

corrective action activities required under RCRA.

~~Click this hyperlink~~ while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000157548
Registry ID:	110002729762
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002729762
Name:	ATLAS METAL SPINNING CO INC
Address:	470 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

HAZNET:

Name:	ATLAS METAL SPINNING CO INC
Address:	470 S AIRPORT BLVD
Address 2:	Not reported
City,State,Zip:	S SAN FRANCISCO, CA 940800000
Contact:	DEBORAH ADAMIS
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	470 S AIRPORT BLVD
Year:	1999
Gepaid:	CAD981627045
TSD EPA ID:	CAD980887418
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.38
Year:	1998
Gepaid:	CAD981627045
TSD EPA ID:	CAD059494310
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	D99 - Disposal, Other
Tons:	0.2085
Year:	1996
Gepaid:	CAD981627045
TSD EPA ID:	CAT080031628
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.323
Year:	1994
Gepaid:	CAD981627045
TSD EPA ID:	CAD009452657
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	-
Tons:	0.2293
Year:	1993
Gepaid:	CAD981627045
TSD EPA ID:	CAD009452657
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	R01 - Recycler
Tons:	0.035

ATLAS METAL SPINNING CO INC (Continued) **1000157548**

Year: 1993
Gepaid: CAD981627045
TSD EPA ID: CAD009452657
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 0.2293

Year: 1992
Gepaid: CAD981627045
TSD EPA ID: CAD009452657
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: R01 - Recycler
Tons: 0.0175

Year: 1992
Gepaid: CAD981627045
TSD EPA ID: CAD009452657
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 0.2293

Year: 1991
Gepaid: CAD981627045
TSD EPA ID: CAD009452657
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: R01 - Recycler
Tons: 0.0175

Year: 1991
Gepaid: CAD981627045
TSD EPA ID: CAD009452657
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 0.2293

Click this hyperlink while viewing on your computer to access
6 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 1996
Gen EPA ID: CAD981627045

Shipment Date: 19960418
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960508
Manifest ID: 95856082
Trans EPA ID: CAD980695761
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080031628
Trans Name: Not reported
TSDF Alt EPA ID: CAT080031628
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: F001

ATLAS METAL SPINNING CO INC (Continued) **1000157548**

Meth Code:	R01 - Recycler
Quantity Tons:	0.323
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD981627045
Shipment Date:	19990324
Creation Date:	5/20/1999 0:00:00
Receipt Date:	19990324
Manifest ID:	98638719
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.38
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981627045
Shipment Date:	19940610
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92674851
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F001

ATLAS METAL SPINNING CO INC (Continued) **1000157548**

Meth Code:	- Not reported
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD981627045
Shipment Date:	19930622
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930622
Manifest ID:	92421969
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930611
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930611
Manifest ID:	92421890
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported

ATLAS METAL SPINNING CO INC (Continued) **1000157548**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD981627045
Shipment Date:	19980713
Creation Date:	9/22/1998 0:00:00
Receipt Date:	19980724
Manifest ID:	98268085
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	ATLAS METAL SPINNING CO INC
Address:	470 S AIRPORT BLVD
Address 2:	Not reported
City,State,Zip:	S SAN FRANCISCO, CA 940800000
EPA ID:	CAD981627045
Inactive Date:	06/30/2001
Create Date:	04/10/1987
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	470 S AIRPORT BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	MARION ADAMIS
Owner Address:	470 S AIRPORT BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA --
Contact Name:	DEBORAH ADAMIS
Contact Address:	470 S AIRPORT BLVD
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000

AO350 **EURO AUTOBODY** **CERS HAZ WASTE** **S121768615**
WNW **119 S LINDEN AVE** **EMI** **N/A**
1/8-1/4 **S SAN FRAN, CA 94080**
0.226 mi.
1191 ft. **Site 1 of 17 in cluster AO**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	EURO AUTOBODY
Address:	119 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	369584
CERS ID:	10647373
CERS Description:	Hazardous Waste Generator

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	06-14-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-25-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: - Solid/sludge from the recycling machine. The facility only uses water based paint. Ther
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	07-25-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-28-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	08-04-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

EURO AUTOBODY (Continued) **S121768615**

Eval General Type: Other/Unknown
Eval Date: 08-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-22-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-17-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-04-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility uses solvent recycling machine. No need for disposal yet.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-04-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On the facility map in the portal, the waste solvent recycling machine was stated as Recirculating machine.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-18-2015

EURO AUTOBODY (Continued) **S121768615**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-25-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility has a solvent recycling machine on site. Facility states they give the recycled dry waste to their paint supplier.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-02-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HMBP submitted on 7/13/2019 Facility stores less than reportable quantity of chemical and thus no longer be subject to the HMBP progarm
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-04-2016
Violations Found: No

EURO AUTOBODY (Continued) **S121768615**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-06-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-17-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Fire extinguishers serviced in 2/2017. The business owner owns the property. Facility has one 150 cubic feet of CO2 cylinder, one 150 cubic feet of Oxygen and 150 cubic feet of Argon cylinders.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	ALEKSANDR KHAIMSKIY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	ALEKSANDR KHAIMSKIY
Entity Title:	MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	EURO AUTOBODY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

EURO AUTOBODY (Continued) **S121768615**

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	119 S LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	EURO AUTOBODY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 952-2237,

Affiliation Type Desc:	Legal Owner
Entity Name:	KHAIMSKIY, ALEX
Entity Title:	Not reported
Affiliation Address:	119 LINDEN
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 952-2237,

Affiliation Type Desc:	Environmental Contact
Entity Name:	ALEKSANDR KHAIMSKIY
Entity Title:	Not reported
Affiliation Address:	119 S LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

EMI:

Name:	EURO AUTOBODY
Address:	119 S LINDEN AVE
City,State,Zip:	S SAN FRAN, CA 94080
Year:	2018
County Code:	41

EURO AUTOBODY (Continued) **S121768615**

Air Basin:	SF
Facility ID:	200097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.00552
Reactive Organic Gases Tons/Yr:	0.005453208
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	EURO AUTOBODY
Address:	119 S LINDEN AVE
City,State,Zip:	S SAN FRAN, CA 94080
Year:	2019
County Code:	41
Air Basin:	SF
Facility ID:	200097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.00552
Reactive Organic Gases Tons/Yr:	0.005453208
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

AO351 **EURO AUTOBODY** **RCRA NonGen / NLR** **1024860770**
WNW **119 SOUTH LINDEN AVENUE** **CAL000429225**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.226 mi.
1191 ft. **Site 2 of 17 in cluster AO**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		20170717
Handler Name:	EURO AUTOBODY	
Handler Address:		119 SOUTH LINDEN AVENUE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAL000429225
Contact Name:		ALEX KHAIMSKIY
Contact Address:		119 SOUTH LINDEN AVENUE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		650-952-2237
Contact Fax:		650-952-1895
Contact Email:		EUROAUTOBODY@SBCGLOBAL.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported

Actual:
21 ft.

EURO AUTOBODY (Continued) **1024860770**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	119 SOUTH LINDEN AVENUE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	ALEX KHAIMSKIY
Owner Type:	Other
Operator Name:	ALEX KHAIMSKIY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

EURO AUTOBODY (Continued) **1024860770**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALEX KHAIMSKIY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 SOUTH LINDEN AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-952-2237
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALEX KHAIMSKIY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 SOUTH LINDEN AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-952-2237
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20170717
Handler Name: EURO AUTOBODY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

EURO AUTOBODY (Continued) **1024860770**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AO352 **PRESSURE GROUT COMPANY** **LUST** **1001610365**
WNW **125 LINDEN** **Cortese** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.226 mi. **CERS**
1191 ft. **Site 3 of 17 in cluster AO**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:

Name:	PRESSURE GROUT COMPANY
Address:	119 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	559005
Facility Status:	9- Case Closed
Global ID:	T0608105263
APN Number:	014212020
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	PRESSURE GROUT COMPANY
Address:	119 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608105263
Global Id:	T0608105263
Latitude:	37.653666
Longitude:	-122.410621
Status:	Completed - Case Closed
Status Date:	06/04/1996
Case Worker:	JM
RB Case Number:	41-0426
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	559005
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0608105263
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608105263
Contact Type:	Local Agency Caseworker

PRESSURE GROUT COMPANY (Continued) **1001610365**

Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608105263
Action Type: Other
Date: 03/18/1991
Action: Leak Discovery

Global Id: T0608105263
Action Type: ENFORCEMENT
Date: 07/20/1995
Action: * Historical Enforcement - #1

Global Id: T0608105263
Action Type: Other
Date: 03/18/1991
Action: Leak Reported

LUST:
Global Id: T0608105263
Status: Open - Case Begin Date
Status Date: 03/18/1991

Global Id: T0608105263
Status: Completed - Case Closed
Status Date: 06/04/1996

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550066
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: PRESSURE GROUT COMPANY
Address: 119 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE

PRESSURE GROUT COMPANY (Continued) **1001610365**

Envirostor Id:	Not reported
Global ID:	T0608105263
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	PRESSURE GROUT COMPANY
edr_fadd1:	119 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0426

CERS:

Name:	PRESSURE GROUT COMPANY
Address:	119 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	247556
CERS ID:	T0608105263
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

PRESSURE GROUT COMPANY (Continued) **1001610365**

Affiliation Phone: 6503995959,

AG353 **MERCURY TOURS** **RCRA NonGen / NLR** **1024785893**
WSW **180 S LINDEN AVE** **CAL000009145**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.226 mi.
1193 ft. **Site 8 of 8 in cluster AG**

Relative: **Higher**
Actual: **23 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19891114
Handler Name:	MERCURY TOURS	
Handler Address:		180 S LINDEN AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
EPA ID:		CAL000009145
Contact Name:		ROBERT (JAKE) JACOBSEN
Contact Address:		180 S LINDEN AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		650-588-1448
Contact Fax:		650-588-1848
Contact Email:		JAKE0214@COMCAST.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		180 S LINDEN AVE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:		KEELING GEORGE
Owner Type:		Other
Operator Name:		ROBERT (JAKE) JACOBSEN
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No

MERCURY TOURS (Continued) **1024785893**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEELING GEORGE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	180 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone:	650-588-1448
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT (JAKE) JACOBSEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	180 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-1448

MERCURY TOURS (Continued) **1024785893**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19891114
Handler Name: MERCURY TOURS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AP354 **ACUTECH AUTOS INC** **RCRA NonGen / NLR** **1024867824**
NW **57 S LINDEN AVE** **CAL000436423**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.228 mi.
1204 ft. **Site 1 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20180522
Handler Name: ACUTECH AUTOS INC
Handler Address: 57 S LINDEN AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAL000436423
Contact Name: NIKI TAM
Contact Address: 57 S LINDEN AVE
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 650-871-7797
Contact Fax: 650-871-2408
Contact Email: ACUTECH@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported

ACUTECH AUTOS INC (Continued) **1024867824**

State District:	Not reported
Mailing Address:	57 S LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	ACUTECH AUTOS INC
Owner Type:	Other
Operator Name:	NIKI TAM
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

ACUTECH AUTOS INC (Continued) **1024867824**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NIKI TAM
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	57 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-871-7797
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ACUTECH AUTOS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	57 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-871-7797
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180522
Handler Name: ACUTECH AUTOS INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541110
NAICS Description:	OFFICES OF LAWYERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AP355 **ROGERS TRUCKS & EQUIPMENT INC** **RCRA NonGen / NLR** **1006816738**
NW **57 S LINDEN AVE** **CAR000145987**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.228 mi.
1204 ft. **Site 2 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20030626
Handler Name:	ROGERS TRUCKS & EQUIPMENT INC
Handler Address:	57 S LINDEN AVE
Handler City,State,Zip:	S SAN FRANCISCO, CA 94080
EPA ID:	CAR000145987
Contact Name:	PHILLIP L ROGERS
Contact Address:	PO BOX 280270
Contact City,State,Zip:	SAN FRANCISCO, CA 94128-0270
Contact Telephone:	650-952-1800
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 280270
Mailing City,State,Zip:	SAN FRANCISCO, CA 94128-0270
Owner Name:	RALPH AND PHILLIP ROGERS
Owner Type:	Private
Operator Name:	RALPH AND PHILLIP ROGERS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

ROGERS TRUCKS & EQUIPMENT INC (Continued) **1006816738**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20030702
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RALPH AND PHILLIP ROGERS
Legal Status:	Private
Date Became Current:	19691001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RALPH AND PHILLIP ROGERS
Legal Status:	Private
Date Became Current:	19691001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ROGERS TRUCKS & EQUIPMENT INC (Continued) **1006816738**

Historic Generators:
- Receive Date: 20030626
- Handler Name: ROGERS TRUCKS & EQUIPMENT INC
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 48411
- NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

AP356 **CALISTOGA WATER** **SEMS** **1005440843**
NW **57 SOUTH LINDEN AVENUE** **CAN000905641**
1/8-1/4 **SOUTH SAN FRANCISCO, CA**
0.228 mi.
1204 ft. **Site 3 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

SEMS:
- Site ID: 0905641
- EPA ID: CAN000905641
- Name: CALISTOGA WATER
- Address: 57 SOUTH LINDEN AVENUE
- Address 2: Not reported
- City,State,Zip: SOUTH SAN FRANCISCO, CA
- Cong District: Not reported
- FIPS Code: 06081
- Latitude: Not reported
- Longitude: Not reported
- FF: N
- NPL: Not on the NPL
- Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
- Region: 09
- Site ID: 0905641
- EPA ID: CAN000905641
- Site Name: CALISTOGA WATER
- NPL: N
- FF: N
- OU: 00
- Action Code: HX
- Action Name: PRE-CERC

CALISTOGA WATER (Continued) **1005440843**

SEQ: 1
Start Date: Not reported
Finish Date: 8/3/2000 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

AP357 **ROGERS TRUCKS & EQUIPMENT** **CERS HAZ WASTE** **S113796980**
NW **57 S LINDEN AVE** **HAZNET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.228 mi. **HWTS**
1204 ft. **Site 4 of 16 in cluster AP**

Relative: Higher
Actual: 21 ft.

CERS HAZ WASTE:
Name: SKYLINE COACH, INC
Address: 57 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 520969
CERS ID: 10771729
CERS Description: Hazardous Waste Generator

HAZNET:
Name: ROGERS TRUCKS & EQUIPMENT
Address: 57 S LINDEN AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact: PHILLIP ROGERS/PRESIDENT
Telephone: 6509521800
Mailing Name: Not reported
Mailing Address: PO BOX 280270

Year: 2012
Gepaid: CAL000270406
TSD EPA ID: NVT330010000
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.45

Year: 2011
Gepaid: CAL000270406
TSD EPA ID: CAD059494310
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.066

Additional Info:
Year: 2012
Gen EPA ID: CAL000270406

Shipment Date: 20120803
Creation Date: 1/9/2013 22:15:34
Receipt Date: 20120816
Manifest ID: 009821367JJK
Trans EPA ID: CAR000171017

ROGERS TRUCKS & EQUIPMENT (Continued) **S113796980**

Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120222
Creation Date:	8/22/2012 22:15:08
Receipt Date:	20120306
Manifest ID:	009208994JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC TRANS
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000270406
Shipment Date:	20110624
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	007886157JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES

ROGERS TRUCKS & EQUIPMENT (Continued) **S113796980**

TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.066
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	SKYLINE COACH, INC
Address:	57 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	520969
CERS ID:	10771729
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	520969
Site Name:	SKYLINE COACH, INC
Violation Date:	09-26-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/11/2018. Facility has requested log in credential. Please complete and submit the Hazardous Materials Business Plan within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	520969
Site Name:	SKYLINE COACH, INC
Violation Date:	09-26-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/11/2018.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	520969
Site Name:	SKYLINE COACH, INC
Violation Date:	09-28-2020

ROGERS TRUCKS & EQUIPMENT (Continued) **S113796980**

Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/12/2020. Within 30 days label all drums that area not properly labeled. Drum labeling: please mark the accumulation date on the waste filter drum. The waste absorbent drum needs to be labeled with a full on hazardous waste label. One of the three 55 gallon drums containing used oil has a faded label, please complete a new hazardous waste label and place on this 55 gallon used oil drum.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	520969
Site Name:	SKYLINE COACH, INC
Violation Date:	09-26-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 10/11/2018.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	520969
Site Name:	SKYLINE COACH, INC
Violation Date:	09-28-2020
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 10/12/2020. Dispose the used oil within 30 days. The last disposal was in February of 2019. The waste needs to be picked up every 6 months. The disposal frequency is independent of how much used oil that is generated.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	09-28-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

ROGERS TRUCKS & EQUIPMENT (Continued) **S113796980**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-13-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-08-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-04-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-16-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-26-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	This is the first inspection of the facility. Waste generated at the facility - waste oil - filters - waste absorbemt
Eval Division:	San Mateo County Environmental Health

ROGERS TRUCKS & EQUIPMENT (Continued) **S113796980**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-26-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: This is the first inspection of the facility.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-24-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the faiclity: Used oil stored in 3 55 gallon drum inside the trailer Filters stored in one 55 gallon drum Waste absorbent stored in a 55 gallon drum
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-25-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-27-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-25-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW

ROGERS TRUCKS & EQUIPMENT (Continued) **S113796980**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-28-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-12-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 4/12
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The latest HMBP was submitted on 9/9/2020 via san mateo county portal and it was subsequently accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Document Preparer
Entity Name: KEN KOBAYASHI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: SKYLINE COACH, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

ROGERS TRUCKS & EQUIPMENT (Continued) **S113796980**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 794-1210,
Affiliation Type Desc:	Parent Corporation
Entity Name:	SKYLINE COACH, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	MASAMI MITO
Entity Title:	PRESIDENT
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	MASAMI MITO
Entity Title:	Not reported
Affiliation Address:	1790 WILLOW WAY
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	LASSEN TOUR & TRAVEL, INC.
Entity Title:	Not reported
Affiliation Address:	57 S. LINDEN AVE
Affiliation City:	SOUTH SAN FRANICISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(415) 421-2171,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1790 WILLOW WAY
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	MITO, MASAMI
Entity Title:	Not reported

ROGERS TRUCKS & EQUIPMENT (Continued) **S113796980**

Affiliation Address: 57 S LINDEN AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (415) 716-0399,

HWTS:
Name: ROGERS TRUCKS & EQUIPMENT
Address: 57 S LINDEN AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAL000270406
Inactive Date: 06/30/2013
Create Date: 05/14/2003
Last Act Date: 03/26/2014
Mailing Name: Not reported
Mailing Address: PO BOX 280270
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN FRANCISCO, CA 941280270
Owner Name: ROGERS TRUCK & EQUIPMENT INC
Owner Address: 57 S LINDEN AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Contact Name: PHILLIP ROGERS/PRESIDENT
Contact Address: PO BOX 280270
Contact Address 2: Not reported
City,State,Zip: SAN FRANCISCO, CA 941280270

NAICS:
EPA ID: CAL000270406
Create Date: 2009-12-03 12:41:18.000
NAICS Code: 562119
NAICS Description: Other Waste Collection
Issued EPA ID Date: 2003-05-14 11:30:22.51300
Inactive Date: 2013-06-30 00:00:00
Facility Name: ROGERS TRUCKS & EQUIPMENT
Facility Address: 57 S LINDEN AVE
Facility Address 2: Not reported
Facility City: SOUTH SAN FRANCISCO
Facility County: Not reported
Facility State: CA
Facility Zip: 94080

AP358 **ACUTECH AUTO** **CERS HAZ WASTE** **S124441116**
NW **57 S LINDEN AVE** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.228 mi.
1204 ft. **Site 5 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:
Name: ACUTECH AUTO
Address: 57 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 548816
CERS ID: 10764484

ACUTECH AUTO (Continued) **S124441116**

CERS Description: Hazardous Waste Generator

CERS:
Name: ACUTECH AUTO
Address: 57 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 548816
CERS ID: 10764484
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 548816
Site Name: ACUTECH AUTO
Violation Date: 02-19-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/19/2020. Facility recently obtained an extra set of oxygen and acetylene cylinders. Because of the new addition of acetylene cylinder, Acetylene must be reported in the Hazardous Materials Business Plan within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 548816
Site Name: ACUTECH AUTO
Violation Date: 05-09-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/09/2018. The hazardous waste label for the used oil tank is illegible. A new label was completed during inspection. The hazardous waste label for the waste antifreeze contains information for the old location. A new label was completed during inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 548816
Site Name: ACUTECH AUTO
Violation Date: 02-19-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Every container holding hazardous waste must be properly labeled with

ACUTECH AUTO (Continued) **S124441116**

appropriate and completed labels (i.e. Hazardous waste label, filter). The hazardous waste label on the used oil tank is illegible, the accumulation dates on the waste antifreeze drum have not been updated. There was a 50 gallon red drum and a 15 gallon drum used to temporarily hold filters, until they are punched. These 2 drums also need to be labeled Drain used oil filters . The roll around carboy either needs to have a complete hazardous waste label or facility can choose to empty the content on a daily basis. If facility empty the content of the carboy on a daily basis, then have a label Empty Daily affixed to the carboy. Complete the labeling requirement for all the above referenced containers within 30 days.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 548816
Site Name: ACUTECH AUTO
Violation Date: 02-19-2020
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Conduct employee training within 30 days and place special emphasis on better housekeeping.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 548816
Site Name: ACUTECH AUTO
Violation Date: 02-19-2020
Citation: 40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171
Violation Description: Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes: All hazardous waste labels and the drained oil filters labels must have accumulaton start dates on them.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 548816
Site Name: ACUTECH AUTO
Violation Date: 05-09-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/08/2018. Facility needs to submit a Hazardous Materials Business Plan within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 548816

ACUTECH AUTO (Continued) **S124441116**

Site Name:	ACUTECH AUTO
Violation Date:	05-09-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/08/2018.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	548816
Site Name:	ACUTECH AUTO
Violation Date:	05-09-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 08/27/2018. Facility needs to apply for a new EPA ID# (provided an application to the facility during the inspection) ASAP but no later than 30 days. Sacramento Waste Oil has picked up used oil and waste antifreeze using the EPA ID# associated with the former location (69 S. Linden). EPA ID Application completed and emailed it to DTSC during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	548816
Site Name:	ACUTECH AUTO
Violation Date:	02-19-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/19/2020. Conduct employee training within 30 days and place special emphasis on better housekeeping.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	548816
Site Name:	ACUTECH AUTO
Violation Date:	05-09-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 08/08/2018.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

ACUTECH AUTO (Continued) **S124441116**

Site ID:	548816
Site Name:	ACUTECH AUTO
Violation Date:	05-09-2018
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/08/2018. Facility needs to submit a Hazardous Materials Business Plan within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	548816
Site Name:	ACUTECH AUTO
Violation Date:	02-19-2020
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	There was over 2.5 inches of waste antifreeze in the secondary containment. Secondary containment is not meant to collect careless handing or dripping from poor housekeeping. Empty out the waste antifreeze from the secondary containment within 30 days and keep the containment free of waste antifreeze at all time.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	548816
Site Name:	ACUTECH AUTO
Violation Date:	05-09-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 09/11/2018. Facility needs to notify property owner that the facility is subject to the HMBP reporting requirement once the HMBP is submitted.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	548816
Site Name:	ACUTECH AUTO
Violation Date:	05-09-2018
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 08/08/2018. Facility needs a separate container for the waste paper and plastic filters.

ACUTECH AUTO (Continued) **S124441116**

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 548816
Site Name: ACUTECH AUTO
Violation Date: 02-19-2020
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: At the end of the day make sure to close the opening on the waste antifreeze drum. Facility stated it find a plug to close the opening for the waste antifreeze drum. Also, remember to lift the funnel that is attached to the used oil tank (there is a shut off valve).
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-19-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-19-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: This is the first inspection of the facility at the new location. Assisted facility to obtain a user name and password for the San Mateo

ACUTECH AUTO (Continued) **S124441116**

	County portal.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-17-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-07-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility has started to separate metal filters from paper filters. However, it still has one 55 gallon drum of mixed filters still needed to be sorted. Informed facility it has been out of compliance for 4 months and that the filters needed to be sorted within 14 days. In addition, there are 3 55 gallon drums are still sitting in the parking lot. Miki said he will bring one solvent drum inside and use it and will dispose of the other 2 drums within 14 days.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP submitted on 3/21/2019 via San Mateo County portal.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-28-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-08-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP assistance
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown

ACUTECH AUTO (Continued) **S124441116**

Eval Date:	08-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: - used oil in a 220 gallon tank. Facility also have a carboy that is used to collect used oil before it is emptied into the used oil tank. - waste antifreeze stored in a 55 gallon poly drum - Non-metal filters stored in a 55 gallon drum - Metal filters are stored in a 55 gallon drum. one 50 gallon and one 15 gallon containers are used to temporarily storing filters until they can be crushed. There were 4 pick ups for the drained oil filters drum 6 used oil pick up episodes in 2019 and one pick up for 2020 thus far 3 waste antifreeze pick up episodes for 2019.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-16-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

ACUTECH AUTO (Continued) **S124441116**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 548816
Site Name: ACUTECH AUTO
Site Address: 57 S LINDEN AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 08-02-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV delivered 8/03/2018. 8/27/18: EPA ID active, 1 remaining violation 9/17/18: violations resolved 9/24/18: facility RTC.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 548816
Site Name: ACUTECH AUTO
Site Address: 57 S LINDEN AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 08-02-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV delivered 8/03/2018. 8/27/18: EPA ID active, 1 remaining violation 9/17/18: violations resolved 9/24/18: facility RTC.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: Niki Tam
Entity Title: Not reported
Affiliation Address: 57 S Linden Ave
Affiliation City: South San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Niki Tam

ACUTECH AUTO (Continued) **S124441116**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	57 S LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	TAM, NIKI
Entity Title:	Not reported
Affiliation Address:	57 S LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 871-7797,
Affiliation Type Desc:	Operator
Entity Name:	Niki Tam
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 871-7797,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ACUTECH AUTO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Niki Tam
Entity Title:	owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AP359 **SKYLINE COACH INC** **RCRA NonGen / NLR** **1024870252**
NW **57 S LINDEN AVE** **CAL000438879**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.228 mi.
1204 ft. **Site 6 of 16 in cluster AP**

Relative: **Higher**

Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20180906
Handler Name:	SKYLINE COACH INC	
Handler Address:		57 S LINDEN AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAL000438879
Contact Name:		MASAMI MITO
Contact Address:		1790 WILLOW WAY
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		650-794-1210
Contact Fax:		650-794-1226
Contact Email:		SF@SKYLINECOACH.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1790 WILLOW WAY
Mailing City,State,Zip:		SAN BRUNO, CA 94066
Owner Name:		MATSUNORI UENO MYWAY TOURS INC
Owner Type:		Other
Operator Name:		MASAMI MITO
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SKYLINE COACH INC (Continued) **1024870252**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MASAMI MITO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1790 WILLOW WAY
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-794-1210
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MATSUNORI UENO MYWAY TOURS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	330 10TH ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94103
Owner/Operator Telephone:	415-252-2994
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SKYLINE COACH INC (Continued) **1024870252**

Historic Generators:
Receive Date: 20180906
Handler Name: SKYLINE COACH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 485510
NAICS Description: CHARTER BUS INDUSTRY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AP360 **UNION PACIFIC RAILROAD** **RCRA-VSQG** **1024876833**
NW **57 SOUTH LINDEN AVE** **CAR000283028**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.228 mi.
1204 ft. **Site 7 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

RCRA-VSQG:
Date Form Received by Agency: 20180423
Handler Name: UNION PACIFIC RAILROAD
Handler Address: 57 SOUTH LINDEN AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAR000283028
Contact Name: KRISTEN STEVENS
Contact Address: EAST SEPULVEDA BLVD
Contact City,State,Zip: LONG BEACH, CA 90810
Contact Telephone: 562-756-0076
Contact Fax: Not reported
Contact Email: KMSTEVEN@UP.COM
Contact Title: ENVIRO FIELD OPS
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: EAST SEPULVEDA BLVD
Mailing City,State,Zip: LONG BEACH, CA 90810
Owner Name: UNION PACIFIC RAILROAD

UNION PACIFIC RAILROAD (Continued) **1024876833**

Owner Type:	Private
Operator Name:	OLYMPIAN GULF PROPERTIES, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180503
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

UNION PACIFIC RAILROAD (Continued) **1024876833**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D043
Waste Description: VINYL CHLORIDE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: OLYMPIAN GULF PROPERTIES, INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2000 ALAMEDA DEL PULGAS
Owner/Operator City,State,Zip: SAN MATEO, CA 94403
Owner/Operator Telephone: 402-544-5000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: KMSTEVEN@UP.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: UNION PACIFIC RAILROAD
Legal Status: Private
Date Became Current: 18940207
Date Ended Current: Not reported
Owner/Operator Address: 1400 DOUGLAS STREET
Owner/Operator City,State,Zip: OMAHA, NE 68179
Owner/Operator Telephone: 402-544-5000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: KMSTEVEN@UP.COM

Historic Generators:
Receive Date: 20180423
Handler Name: UNION PACIFIC RAILROAD
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 482111
NAICS Description: LINE-HAUL RAILROADS

UNION PACIFIC RAILROAD (Continued) **1024876833**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AO361 **PRESSURE GROUT COMPANY** **LUST** **S113168783**
WNW **125 S LINDEN AVE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA**
0.228 mi.
1206 ft. **Site 4 of 17 in cluster AO**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:

Name:	PRESSURE GROUT COMPANY
Address:	125 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550066
Facility Status:	9- Case Closed
Global ID:	T0608100406
APN Number:	014212040
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

AO362 **PRESSURE GROUT COMPANY** **LUST** **S110060821**
WNW **125 SOUTH LINDEN AVENUE** **Cortese** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.228 mi. **CERS**
1206 ft. **Site 5 of 17 in cluster AO**

Relative:
Higher

Actual:
21 ft.

LUST:

Name:	PRESSURE GROUT COMPANY
Address:	125 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100406
Global Id:	T0608100406
Latitude:	37.653122
Longitude:	-122.411024
Status:	Completed - Case Closed
Status Date:	08/09/1993
Case Worker:	JM
RB Case Number:	41-0427
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550066
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100406
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board

PRESSURE GROUT COMPANY (Continued) **S110060821**

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100406
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100406
Action Type: Other
Date: 05/30/1990
Action: Leak Discovery

Global Id: T0608100406
Action Type: ENFORCEMENT
Date: 03/14/1990
Action: Notice of Responsibility - #1

Global Id: T0608100406
Action Type: Other
Date: 05/30/1990
Action: Leak Reported

LUST:
Global Id: T0608100406
Status: Open - Case Begin Date
Status Date: 03/14/1990

Global Id: T0608100406
Status: Completed - Case Closed
Status Date: 08/09/1993

CORTESE:
Name: PRESSURE GROUT COMPANY
Address: 125 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100406
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported

PRESSURE GROUT COMPANY (Continued) **S110060821**

Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: PRESSURE GROUT COMPANY
edr_fadd1: 125 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0427

CERS:
Name: PRESSURE GROUT COMPANY
Address: 125 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 213857
CERS ID: T0608100406
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AO363 **BLUE SKY AUTO BODY** **RCRA NonGen / NLR** **1024848174**
WNW **125 S LINDEN** **CAL000403568**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.228 mi.
1206 ft. **Site 6 of 17 in cluster AO**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150109
Handler Name:	BLUE SKY AUTO BODY	
Handler Address:		125 S LINDEN
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-6410
EPA ID:		CAL000403568
Contact Name:		RAYMOND SITU
Contact Address:		125 S LINDEN AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-879-1878
Contact Fax:		650-583-6066
Contact Email:		BLUESKYAUTO125@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		125 S LINDEN AVE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-6410
Owner Name:		GUOHUI CHEN
Owner Type:		Other
Operator Name:		RAYMOND SITU
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

BLUE SKY AUTO BODY (Continued) **1024848174**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAYMOND SITU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	125 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-879-1878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GUOHUI CHEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	424 WILDE AVE
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94134
Owner/Operator Telephone:	415-830-2623
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BLUE SKY AUTO BODY (Continued) **1024848174**

Historic Generators:
Receive Date: 20150109
Handler Name: BLUE SKY AUTO BODY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AO364 **BLUE SKY AUTO BODY INC** **CERS HAZ WASTE** **S121768582**
WNW **125 S LINDEN AVE** **EMI** **N/A**
1/8-1/4 **S SAN FRAN, CA 94080** **CERS**
0.228 mi.
1206 ft. **Site 7 of 17 in cluster AO**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:
Name: BLUE SKY AUTO
Address: 125 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 369480
CERS ID: 10508146
CERS Description: Hazardous Waste Generator

EMI:
Name: BLUE SKY AUTO BODY INC
Address: 125 S LINDEN AVE
City,State,Zip: S SAN FRAN, CA 94080
Year: 2018
County Code: 41
Air Basin: SF
Facility ID: 22735
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.024000001
Reactive Organic Gases Tons/Yr: 0.023709600988
Carbon Monoxide Emissions Tons/Yr: Not reported

BLUE SKY AUTO BODY INC (Continued) **S121768582**

NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	BLUE SKY AUTO BODY INC
Address:	125 S LINDEN AVE
City,State,Zip:	S SAN FRAN, CA 94080
Year:	2019
County Code:	41
Air Basin:	SF
Facility ID:	22735
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.024000001
Reactive Organic Gases Tons/Yr:	0.023709600988
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

CERS:

Name:	BLUE SKY AUTO
Address:	125 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	369480
CERS ID:	10508146
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	03-03-2016
Citation:	22 CCR 12 66262.34(b)(1) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(b)(1)
Violation Description:	Failure to dispose of hazardous waste after the first 100-kilogram threshold amount was accumulated within a 90 day period.
Violation Notes:	Returned to compliance on 04/14/2016. Waste thinner (55 gallon drum) needs to be disposed of within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	09-07-2017
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 10/06/2017. Facility s EPA ID# is in the INACTIVE status. Please reactivate the EPAID# by completing the

BLUE SKY AUTO BODY INC (Continued) **S121768582**

application and email it to DTSC. Once the number is activated, facility has to go to the following website to create an account: https://evq.dtsc.ca.gov/Home.aspx

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 369480
Site Name: BLUE SKY AUTO
Violation Date: 03-03-2016
Citation: 40 CFR 1 265.35 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.35
Violation Description: Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless it can be demonstrated to the Department that aisle space is not needed for any of these purposes.
Violation Notes: Returned to compliance on 04/14/2016. nothing should be blocking the waste oil tank
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 369480
Site Name: BLUE SKY AUTO
Violation Date: 09-07-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 09/07/2017.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 369480
Site Name: BLUE SKY AUTO
Violation Date: 03-03-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 04/14/2016. a plastic shop vac containing paint related waste was found in front of the first service bay with no labels. The owner stated it is used to hold paint paper cups and associated waste.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 369480
Site Name: BLUE SKY AUTO
Violation Date: 03-03-2016

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Citation:	40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171
Violation Description:	Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes:	Returned to compliance on 04/14/2016. The plastic shop vac is not suitable to hold thinner waste and has no lid. A metals container is required.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	03-03-2016
Citation:	40 CFR 1 265.172 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.172
Violation Description:	Failure to accumulate or store hazardous waste in a lined/compatible container.
Violation Notes:	Returned to compliance on 04/14/2016.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	07-23-2019
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 10/10/2019. Dispose of used oil within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	03-03-2016
Citation:	HSC 6.5 25186.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25186.2
Violation Description:	Failure to properly handle, store, or treat hazardous waste or provided false information submitted on the permit application and other documents.
Violation Notes:	Returned to compliance on 04/14/2016. plastic shop vac is an improper container for holding thinner
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	07-23-2019
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 10/10/2019. Facility stated they purchase new fire extinguishers every year. However, facility is not able to locate the purchase receipts for the fire extinguishers. Please have the fire extinguishers services by a contractor or purchase new ones within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	07-23-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/10/2019. The facility information has faded on the used oil tank hazardous waste label. The accumulation start date may be outdated (2013). After the used oil is picked up. Mark accumulation start date on the hazardous waste label. The facility information on the hazardous waste label on the waste thinner drum is not legible and accumulation start date is missing. Facility needs to place a completed hazardous waste label on the solvent drum within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	07-23-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/23/2019. The used oil is stored in a 200 gallon above ground tank. In the portal it was reported as 55 gallon drum. The information was updated during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	369480
Site Name:	BLUE SKY AUTO

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Violation Date:	03-03-2016
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 04/14/2016. recommend staff to attend San Mateo County sponsored training in order to correct violation.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	09-07-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 10/06/2017.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	07-23-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 10/10/2019. Facility has an invoice from Safety-kleen of waste solvent picked up on 2/7/2019 and the manifest visible on line via Safey-kleen website. Facility can t locate the last used oil pick up record. Contact Safety-Kleen find out the last used oil pick up date and obtain the receipt within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	369480
Site Name:	BLUE SKY AUTO
Violation Date:	07-23-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 10/10/2019. Conduct and document employee training within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-06-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	02-12-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-23-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP submitted on 12/19/2018.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	08-13-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-07-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP re-certified on 9/7/2017. blueskyauto125@gmail.com
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	11-01-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	11-06-2020

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-03-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-03-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-04-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Informed the painter and the owner that they need a metal can with lid to keep the drained filters from straining the paint. Also informed the owner the rain that accumulated over night in the shop vac has to be disposed of as haz waste. Owner said he would do so.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-23-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-23-2019

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: - used oil - waste solvent (last pick up was on 2/4/2019) - waste antifreeze (stored in 1 gallon container)
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-14-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-29-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-04-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-06-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-27-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-18-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-15-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-07-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: used oil kept in Used oil tank. Waste thinner in 55 gallon drum. Some coolant - kept in 1 gallon jars (5 gallons at time of inspection. Fire extinguishers purchased recently. blueskyauto125@gmail.com
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-11-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-30-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-03-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: follow up inspection attempted
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-04-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-23-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-16-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-19-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-23-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 369480
Facility Name: BLUE SKY AUTO
Env Int Type Code: HWG
Program ID: 10508146
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.644880
Longitude: -122.413270

Affiliation:
Affiliation Type Desc: Operator
Entity Name: guohui chen
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 583-6078,

Affiliation Type Desc: Document Preparer
Entity Name: dennis deng
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	dennis deng
Entity Title:	office worker
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	CHEN, GUOHUI
Entity Title:	Not reported
Affiliation Address:	4158791878 125 SOUTH LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(415) 879-1878,
Affiliation Type Desc:	Parent Corporation
Entity Name:	BLUE SKY AUTO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Environmental Contact
Entity Name:	guohui chen
Entity Title:	Not reported
Affiliation Address:	125 SOUTH LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported

BLUE SKY AUTO BODY INC (Continued) **S121768582**

Affiliation Address: 125 S LINDEN AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

AO365 **OGDEN AVIATION SERVICES** **CERS HAZ WASTE** **S113075582**
West **129 S LINDEN AVE** **HAZNET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.229 mi. **HWTS**
1211 ft. **Site 8 of 17 in cluster AO**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:
Name: PRIMEFLIGHT AVIATION SERVICES
Address: 129 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 559035
CERS ID: 10807201
CERS Description: Hazardous Waste Generator

HAZNET:
Name: OGDEN AVIATION SERVICES
Address: 129 S LINDEN AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Contact: RON CONKLIN-FOREMAN
Telephone: 4158778402
Mailing Name: Not reported
Mailing Address: PO BOX 280386

Year: 2001
Gepaid: CAL000138426
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.072

Year: 1999
Gepaid: CAL000138426
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.0756

Year: 1998
Gepaid: CAL000138426
TSD EPA ID: CAD980887418
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.336

Year: 1998
Gepaid: CAL000138426
TSD EPA ID: CAD009452657

OGDEN AVIATION SERVICES (Continued) **S113075582**

CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.1008

Year: 1998
Gepaid: CAL000138426
TSD EPA ID: CAD980887418
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method: H01 - Transfer Station
Tons: 0.3127

Year: 1997
Gepaid: CAL000138426
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.2304

Year: 1997
Gepaid: CAL000138426
TSD EPA ID: CAD980887418
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.399

Year: 1996
Gepaid: CAL000138426
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.2052

Year: 1996
Gepaid: CAL000138426
TSD EPA ID: CAD009452657
CA Waste Code: 352 - Other organic solids
Disposal Method: R01 - Recycler
Tons: 4.16

Year: 1996
Gepaid: CAL000138426
TSD EPA ID: CAD009452657
CA Waste Code: 352 - Other organic solids
Disposal Method: T03 - Treatment, Incineration
Tons: 0.45

Click this hyperlink while viewing on your computer to access
1 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2001
Gen EPA ID: CAL000138426

Shipment Date: 20010605

OGDEN AVIATION SERVICES (Continued) **S113075582**

Creation Date:	7/30/2001 0:00:00
Receipt Date:	20010608
Manifest ID:	20926523
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAL000138426
Shipment Date:	19981029
Creation Date:	12/10/1998 0:00:00
Receipt Date:	19981029
Manifest ID:	98408209
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1008
Waste Quantity:	28
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980811
Creation Date:	10/20/1998 0:00:00
Receipt Date:	19980813
Manifest ID:	98110032
Trans EPA ID:	CAD981377633
Trans Name:	Not reported

OGDEN AVIATION SERVICES (Continued) **S113075582**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980127
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980129
Manifest ID:	96866658
Trans EPA ID:	CAD981377633
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3127
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000138426

Shipment Date:	19991203
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991203
Manifest ID:	99494577
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported

OGDEN AVIATION SERVICES (Continued) **S113075582**

TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991203
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991203
Manifest ID:	99494577
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0756
Waste Quantity:	21
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAL000138426

Shipment Date:	19951027
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951027
Manifest ID:	95692963
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

OGDEN AVIATION SERVICES (Continued) **S113075582**

Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAL000138426
Shipment Date:	19970925
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970925
Manifest ID:	96697683
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1116
Waste Quantity:	31
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970620
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970620
Manifest ID:	96866463
Trans EPA ID:	CAD981377633
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.399
Waste Quantity:	95
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

OGDEN AVIATION SERVICES (Continued) **S113075582**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970506
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970506
Manifest ID:	96875861
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1188
Waste Quantity:	33
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000138426
Shipment Date:	19961212
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961212
Manifest ID:	95920002
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0828
Waste Quantity:	23
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961001

OGDEN AVIATION SERVICES (Continued) **S113075582**

Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961001
Manifest ID:	96295961
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1224
Waste Quantity:	34
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960920
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960920
Manifest ID:	96356094
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960423
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960423
Manifest ID:	96051776
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported

OGDEN AVIATION SERVICES (Continued) **S113075582**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.4
Waste Quantity:	4800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960307
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960307
Manifest ID:	96050462
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.76
Waste Quantity:	3520
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	PRIMEFLIGHT AVIATION SERVICES
Address:	129 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	559035
CERS ID:	10807201
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	559035
Site Name:	PRIMEFLIGHT AVIATION SERVICES
Violation Date:	08-30-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 09/16/2019. Conduct and document employee

OGDEN AVIATION SERVICES (Continued) **S113075582**

training within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 559035
Site Name: PRIMEFLIGHT AVIATION SERVICES
Violation Date: 08-30-2019
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 10/01/2019. Submit a Hazardous Materials Business Plan within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 559035
Site Name: PRIMEFLIGHT AVIATION SERVICES
Violation Date: 08-30-2019
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 09/16/2019. Notify the property owner that the facility is subject to the HMBP reporting requirement.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 559035
Site Name: PRIMEFLIGHT AVIATION SERVICES
Violation Date: 08-30-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/01/2019. There is a hazardous waste label hung on the post for the used oil tank. This label had accumulation start dates filled in but the facility information, physical properties and hazard were left blank. The waste antifreeze tank and the 55 gallon used filters drums had no hazardous waste labels. Please make sure all containers containing hazardous waste with hazardous waste labels within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 09-24-2019

OGDEN AVIATION SERVICES (Continued) **S113075582**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-30-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-30-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	This is the first inspection of the facility. Hazardous waste generated at the facility: - Used oil in a 250 gallon above ground steel tank - used antifreeze stored in a 60 gallon above ground steel tank - Used fuel filters
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-06-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-06-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	MANIFEST. permit
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-30-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-22-2021

OGDEN AVIATION SERVICES (Continued) **S113075582**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-30-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	This is the first inspection of the facility. Facility submitted login request during inspection
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-16-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Onsite at facilities request to verify that violations have been corrected. All violations have been addressed, will close out all violations.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-24-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP issues
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-07-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Wayne Kwan
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

OGDEN AVIATION SERVICES (Continued) **S113075582**

Affiliation Type Desc:	Parent Corporation
Entity Name:	PrimeFlight Aviation Services
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	612 West Field road
Affiliation City:	San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	BUCARO, DAN
Entity Title:	Not reported
Affiliation Address:	612 West Field road
Affiliation City:	San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94128
Affiliation Phone:	(650) 877-1563,

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Wayne Kwan
Entity Title:	Not reported
Affiliation Address:	612 West Field Road
Affiliation City:	San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94128
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Wayne Kwan
Entity Title:	Operations Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

OGDEN AVIATION SERVICES (Continued) **S113075582**

Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	PrimeFlight Aviation Services
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 877-0310,

HWTS:

Name:	OGDEN AVIATION SERVICES
Address:	129 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAL000138426
Inactive Date:	06/30/2002
Create Date:	08/02/1995
Last Act Date:	10/08/2002
Mailing Name:	Not reported
Mailing Address:	PO BOX 280386
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN FRANCISCO, CA 941280386
Owner Name:	OGDEN AVIATION SERVICES INC
Owner Address:	PO BOX 28-0386
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941280000
Contact Name:	RON CONKLIN-FOREMAN
Contact Address:	INACTIVE PER VQ00 - BMI
Contact Address 2:	Not reported
City,State,Zip:	SAN FRANCISCO, CA 941280000

AO366 **AP ENTERPRISE** **AST** **A100417177**
West **129 S LINDEN AVE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.229 mi.
1211 ft. **Site 9 of 17 in cluster AO**

Relative: **Higher**

Actual: **22 ft.**

AST:

Name:	AP ENTERPRISE
Address:	129 S LINDEN AVE
City/Zip:	SOUTH SAN FRANCISCO,94080
Certified Unified Program Agencies:	Not reported
Owner:	MASTERTEC INC
Total Gallons:	Not reported
CERSID:	10341772
Facility ID:	Not reported
Business Name:	AP ENTERPRISE
Phone:	6504773737
Fax:	6508770855
Mailing Address:	7 W 41ST AVE., STE 420 C/O MASTERTEC INC
Mailing Address City:	SAN MATEO
Mailing Address State:	CA

AP ENTERPRISE (Continued) **A100417177**

Mailing Address Zip Code:	94403
Operator Name:	AP Enterprise
Operator Phone:	6504773737
Owner Phone:	6504773737
Owner Mail Address:	7 W 41ST AVE., STE 420 C/O MASTERTEC INC
Owner State:	CA
Owner Zip Code:	94403
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAL000354310

AO367 **MASTERTEC INC DBA AP ENTERPRISE** **RCRA NonGen / NLR** **1025868184**
West **129 S LINDEN AVE** **CAL000354310**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.229 mi.
1211 ft. **Site 10 of 17 in cluster AO**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20100702
Handler Name:	MASTERTEC INC DBA AP ENTERPRISE
Handler Address:	129 S LINDEN AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000354310
Contact Name:	ANDY GOMEZ JR
Contact Address:	129 S LINDEN AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Contact Telephone:	650-877-0310
Contact Fax:	650-341-6823
Contact Email:	SGOMEZ409@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	7 W 41ST AVE STE 420
Mailing City,State,Zip:	SAN MATEO, CA 94403-5105
Owner Name:	MASTERTEC INC SANDRA & ANDREW GOMEZ JR
Owner Type:	Other
Operator Name:	ANDY GOMEZ JR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No

MASTERTEC INC DBA AP ENTERPRISE (Continued) **1025868184**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MASTERTEC INC SANDRA & ANDREW GOMEZ JR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7 W 41ST AVE STE 420

MASTERTEC INC DBA AP ENTERPRISE (Continued) **1025868184**

Owner/Operator City,State,Zip: SAN MATEO, CA 94403-5105
Owner/Operator Telephone: 650-477-3737
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ANDY GOMEZ JR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 129 S LINDEN AVE
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone: 650-877-0310
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100702
Handler Name: MASTERTEC INC DBA AP ENTERPRISE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AO368 **PRIMEFLIGHT AVIATION SERVICES** **RCRA NonGen / NLR** **1025873368**
West **129 S LINDEN AVE** **CAL000446494**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94128**
0.229 mi.
1211 ft. **Site 11 of 17 in cluster AO**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20190605
Handler Name: PRIMEFLIGHT AVIATION SERVICES
Handler Address: 129 S LINDEN AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94128
EPA ID: CAL000446494
Contact Name: ANDY GOMEZ

PRIMEFLIGHT AVIATION SERVICES (Continued) **1025873368**

Contact Address:	129 S LINDEN AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94128
Contact Telephone:	650-877-0310
Contact Fax:	Not reported
Contact Email:	AGOMEZ@PRIMEFLIGHT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	612 W FIELD RD
Mailing City,State,Zip:	SAN FRANCISCO, CA 94128
Owner Name:	PRIMEFLIGHT AVIATION SERVICES
Owner Type:	Other
Operator Name:	ANDY GOMEZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

PRIMEFLIGHT AVIATION SERVICES (Continued) **1025873368**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIMEFLIGHT AVIATION SERVICES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	612 W FIELD RD
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94128
Owner/Operator Telephone:	650-877-1560
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANDY GOMEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	129 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94128
Owner/Operator Telephone:	650-877-0310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190605
Handler Name:	PRIMEFLIGHT AVIATION SERVICES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

PRIMEFLIGHT AVIATION SERVICES (Continued) **1025873368**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AO369 **PKS TOWING & BODY SHOP,INC** **RCRA-SQG** **1000134170**
West **129 SOUTH LINDEN** **FINDS** **CAD982481343**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.229 mi.
1211 ft. **Site 12 of 17 in cluster AO**

Relative: **Higher**
Actual: **22 ft.**

RCRA-SQG:
Date Form Received by Agency: 19880729
Handler Name: PKS TOWING & BODY SHOP,INC
Handler Address: 129 SOUTH LINDEN
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAD982481343
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 129 SOUTH LINDEN
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 415-761-5022
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 2
Mailing Address: SOUTH LINDEN
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: PKS TOWING & BODY SHOP INC
Owner Type: Private
Operator Name: NOT REQUIRED
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No

PKS TOWING & BODY SHOP,INC (Continued) **1000134170**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

PKS TOWING & BODY SHOP,INC (Continued) **1000134170**

Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PKS TOWING & BODY SHOP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19880729
Handler Name: PKS TOWING & BODY SHOP,INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110009546330

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PKS TOWING & BODY SHOP,INC (Continued) **1000134170**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000134170
Registry ID:	110009546330
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009546330
Name:	PKS TOWING & BODY SHOP,INC
Address:	129 SOUTH LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

AI370 **KUSBER ENTERPRISES** **San Mateo Co. BI** **S102269993**
SW **1213 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.231 mi.
1219 ft. **Site 15 of 31 in cluster AI**

Relative: **Lower**

Actual: **20 ft.**

San Mateo Co. BI:

Name:	KUSBER ENTERPRISES
Address:	1213 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018314
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0012219
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	KUSBER ENTERPRISES
Address:	1213 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018314
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043580
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	KUSBER ENTERPRISES
Address:	1213 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018314
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004984
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AI371 **CRANKSHAFT CORPORATION** **San Mateo Co. BI** **S108054600**
SW **1247 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.231 mi.
1219 ft. **Site 16 of 31 in cluster AI**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:

Name:	CRANKSHAFT CORPORATION
Address:	1247 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0029735
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0051175
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	CRANKSHAFT CORPORATION
Address:	1247 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0029735
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0051174
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

AI372 **HOOKER-KOLB MEAT CO INC** **HIST UST** **U001594646**
SW **1247 MONTGOMERY AVE** **San Mateo Co. BI** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.231 mi.
1219 ft. **Site 17 of 31 in cluster AI**

Relative: **Lower**
Actual: **20 ft.**

HIST UST:

Name:	HOOKER-KOLB MEAT CO INC
Address:	1247 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
File Number:	0002BF33
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BF33.pdf
Region:	STATE
Facility ID:	00000008811
Facility Type:	Other
Other Type:	MEAT PLANT (FEDERAL)
Contact Name:	Not reported
Telephone:	4155888944
Owner Name:	HOOKER-KOLB MEAT CO., INC.
Owner Address:	1247 MONTGOMERY AVE.
Owner City,St,Zip:	SAN BRUNO, CA 94066
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1974
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

HOOKER-KOLB MEAT CO INC (Continued) **U001594646**

Click here for Geo Tracker PDF:

San Mateo Co. BI:

Name:	CRANKSHAFT CORP
Address:	1247 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0059775
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0082189
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	CRANKSHAFT CORP
Address:	1247 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0059775
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0082188
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

AK373 **TRICOR CALIFORNIA, INC.** **LUST** **U001594850**
SE **182 BEACON ST** **HIST UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **Cortese**
0.231 mi. **HIST CORTESE**
1221 ft. **Site 6 of 12 in cluster AK** **CERS**

Relative:
Lower

Actual:
19 ft.

SAN MATEO CO. LUST:

Name:	TRICOR
Address:	182 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550138
Facility Status:	9- Case Closed
Global ID:	T0608100824
APN Number:	015171190
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	TRICOR
Address:	182 BEACON
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100824
Global Id:	T0608100824
Latitude:	37.639362
Longitude:	-122.402905
Status:	Completed - Case Closed
Status Date:	09/22/1997
Case Worker:	JM
RB Case Number:	41-0886

TRICOR CALIFORNIA, INC. (Continued) **U001594850**

Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550138
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100824
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100824
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100824
Action Type: ENFORCEMENT
Date: 09/28/1994
Action: Notice of Responsibility - #1

Global Id: T0608100824
Action Type: Other
Date: 04/30/1987
Action: Leak Reported

LUST:
Global Id: T0608100824
Status: Open - Case Begin Date
Status Date: 04/30/1987

Global Id: T0608100824
Status: Completed - Case Closed
Status Date: 09/22/1997

HIST UST:
Name: TRICOR CALIFORNIA, INC.
Address: 182 BEACON ST
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000063270
Facility Type: Other

TRICOR CALIFORNIA, INC. (Continued) **U001594850**

Other Type: COURIER SERVICE
Contact Name: Not reported
Telephone: 4155886200
Owner Name: TRICOR CALIFORNIA, INC.
Owner Address: 213 EAST HARRIS AVENUE
Owner City,St,Zip: SOUTH SAN FRANCISCO, CA 94080
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1975
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

CORTESE:
Name: TRICOR
Address: 182 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100824
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: TRICOR
edr_fadd1: 182 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0886

CERS:
Name: TRICOR
Address: 182 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

TRICOR CALIFORNIA, INC. (Continued) **U001594850**

Site ID: 236271
CERS ID: T0608100824
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AK374 **ULTRA CLEAN TECHNOLOGY** **San Mateo Co. BI** **S117398073**
SE **182-184 BEACON** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.231 mi.
1221 ft. **Site 7 of 12 in cluster AK**

Relative: **Lower**
Actual: **19 ft.**

San Mateo Co. BI:
Name: ULTRA CLEAN TECHNOLOGY
Address: 182-184 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026795
Prog Element Code: GEN 6-25 TONS HAZ WASTE/YR
Record Id: PR0039713
Description: GEN 6-25 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ULTRA CLEAN TECHNOLOGY
Address: 182-184 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026795
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0039720
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: ULTRA CLEAN TECHNOLOGY
Address: 182-184 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

ULTRA CLEAN TECHNOLOGY (Continued) **S117398073**

Region:	SAN MATEO
Facility ID:	FA0026795
Prog Element Code:	ABOVE GROUND TANK/SPCC
Record Id:	PR0065319
Description:	ABOVE GROUND TANK/SPCC
Facility Status:	Inactive, non-billable
Program Category:	ABOVE GROUND PETROLEUM STORAGE (AST)

AK375 **TRI-COR INTERNATIONAL INC** **HIST UST** **S113139039**
SE **182 BEACON STREET** **HAZNET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.231 mi.
1221 ft. **Site 8 of 12 in cluster AK**

Relative: **Lower**
Actual: **19 ft.**

HIST UST:

Name:	TRI-COR INTERNATIONAL INC
Address:	182 BEACON STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C216
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C216.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	SIEGER ENGINEERING
Address:	182 BEACON ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact:	JAMES BETTENCOURT

TRI-COR INTERNATIONAL INC (Continued) **S113139039**

Telephone: 6505835345
Mailing Name: Not reported
Mailing Address: 130 BEACON ST

Year: 2007
Gepaid: CAL000298522
TSD EPA ID: CAD980887418
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 1.251

Year: 2007
Gepaid: CAL000298522
TSD EPA ID: CAD980887418
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 8.00223

Year: 2007
Gepaid: CAL000298522
TSD EPA ID: CAD008302903
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.4

Year: 2006
Gepaid: CAL000298522
TSD EPA ID: CAD097030993
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: D99 - Disposal, Other
Tons: 2

Year: 2006
Gepaid: CAL000298522
TSD EPA ID: CAD097030993
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: R01 - Recycler
Tons: 0.231

Year: 2006
Gepaid: CAL000298522
TSD EPA ID: CAD980887418
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.1684

Additional Info:
Year: 2006
Gen EPA ID: CAL000298522

Shipment Date: 20061005
Creation Date: 4/19/2007 18:31:07

TRI-COR INTERNATIONAL INC (Continued) **S113139039**

Receipt Date:	20061006
Manifest ID:	001626854JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.1684
Waste Quantity:	520
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060508
Creation Date:	12/20/2006 18:30:44
Receipt Date:	20060518
Manifest ID:	24798359
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	2
Waste Quantity:	4000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060508
Creation Date:	12/20/2006 18:30:44
Receipt Date:	20060518
Manifest ID:	24798359
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES

TRI-COR INTERNATIONAL INC (Continued) **S113139039**

TSDF Alt EPA ID: CAD097030993
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAL000298522

Shipment Date: 20071016
Creation Date: 1/8/2008 18:30:50
Receipt Date: 20071029
Manifest ID: 000128010VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070913
Creation Date: 12/28/2007 18:30:32
Receipt Date: 20070917
Manifest ID: 000518229SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980887418
Trans Name: EVERGREEN OIL INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported

TRI-COR INTERNATIONAL INC (Continued) **S113139039**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.85565
Waste Quantity:	445
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070530
Creation Date:	10/23/2007 18:30:15
Receipt Date:	20070614
Manifest ID:	000148516VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070525
Creation Date:	10/23/2007 18:30:15
Receipt Date:	20070605
Manifest ID:	000175885SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.55958
Waste Quantity:	374
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

TRI-COR INTERNATIONAL INC (Continued) **S113139039**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070504
Creation Date:	10/10/2007 18:30:08
Receipt Date:	20070507
Manifest ID:	000175884SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070419
Creation Date:	8/29/2007 18:30:06
Receipt Date:	20070420
Manifest ID:	000175883SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070315
Creation Date:	8/19/2007 18:30:34
Receipt Date:	20070316

TRI-COR INTERNATIONAL INC (Continued) **S113139039**

Manifest ID:	000175881SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.085
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070227
Creation Date:	8/9/2007 18:31:05
Receipt Date:	20070227
Manifest ID:	000175868SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC 050702
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.668
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	SIEGER ENGINEERING
Address:	182 BEACON ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000298522
Inactive Date:	06/30/2007
Create Date:	09/16/2005
Last Act Date:	03/17/2008
Mailing Name:	Not reported

TRI-COR INTERNATIONAL INC (Continued) **S113139039**

Mailing Address:	130 BEACON ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	LEONARD MEZHVINSKY
Owner Address:	130 BEACON ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact Name:	JAMES BETTENCOURT
Contact Address:	130 BEACON ST
Contact Address 2:	EXT 364
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000

NAICS:

EPA ID:	CAL000298522
Create Date:	2006-11-27 18:30:15.000
NAICS Code:	332721
NAICS Description:	Precision Turned Product Manufacturing
Issued EPA ID Date:	2005-09-16 13:04:30.28000
Inactive Date:	2007-06-30 00:00:00
Facility Name:	SIEGER ENGINEERING
Facility Address:	182 BEACON ST
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

AK376 **TRICOR** **LUST** **S105036131**
SE **182 BEACON** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.231 mi.
1221 ft. **Site 9 of 12 in cluster AK**

Relative:
Lower

Actual:
19 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550138
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

AK377 **TRI-COR INTERNATIONAL INC.** **HIST UST** **U001594849**
SE **182 BEACON ST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.231 mi.
1221 ft. **Site 10 of 12 in cluster AK**

Relative: **Lower**
Actual: **19 ft.**

HIST UST:

Name:	TRI-COR INTERNATIONAL INC.
Address:	182 BEACON ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000053978
Facility Type:	Other
Other Type:	DELIVERY SERVICE
Contact Name:	PAM, HELEN
Telephone:	4158714533
Owner Name:	SAL ENTERPRISES INC.
Owner Address:	643 FAIRWAY CIRCLE
Owner City,St,Zip:	HILLSBOROUGH, CA 94010
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

AQ378 **MIKES COLLISION CENTER** **RCRA-SQG** **1000220752**
West **137 SO LINDEN AVE** **FINDS** **CAD982336760**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.231 mi.
1222 ft. **Site 1 of 3 in cluster AQ**

Relative: **Higher**
Actual: **22 ft.**

RCRA-SQG:

Date Form Received by Agency:		19871201
Handler Name:	MIKES COLLISION CENTER	
Handler Address:		137 SO LINDEN AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD982336760
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		137 SO LINDEN AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-588-6118
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2

MIKES COLLISION CENTER (Continued) **1000220752**

Mailing Address:	SO LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	MIKE DRANEAS
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

MIKES COLLISION CENTER (Continued) **1000220752**

Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MIKE DRANEAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19871201
Handler Name: MIKES COLLISION CENTER	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

MIKES COLLISION CENTER (Continued) **1000220752**

FINDS:
Registry ID: 110002796127

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000220752
Registry ID:	110002796127
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002796127
Name:	MIKES COLLISION CENTER
Address:	137 SO LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

AQ379 **PRESTIGE AUTO BODY AND PAINT** **RCRA NonGen / NLR** **1024864709**
West **143 SO LINDEN AVE** **CAL000433273**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.234 mi.
1233 ft. **Site 2 of 3 in cluster AQ**

Relative:
Higher

Actual:
23 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20180122
Handler Name:	PRESTIGE AUTO BODY AND PAINT
Handler Address:	143 SO LINDEN AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000433273
Contact Name:	KATHERINE YACKEL OWNER
Contact Address:	143 SO LINDEN AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-588-2194
Contact Fax:	650-588-5619
Contact Email:	KATHY@PRESTIGEAUTOBODYANDPAINT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	143 SO LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	KATHERINE YACKEL
Owner Type:	Other
Operator Name:	KATHERINE YACKEL OWNER
Operator Type:	Other

PRESTIGE AUTO BODY AND PAINT (Continued) **1024864709**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

PRESTIGE AUTO BODY AND PAINT (Continued) **1024864709**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KATHERINE YACKEL OWNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	143 SO LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-2194
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KATHERINE YACKEL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	143 SO LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-2194
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180122
Handler Name:	PRESTIGE AUTO BODY AND PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AQ380 **PRESTIGE AUTO BODY** **CERS HAZ WASTE** **S124446940**
West **143 S LINDEN AVE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.234 mi.
1233 ft. **Site 3 of 3 in cluster AQ**

Relative:
Higher

Actual:
23 ft.

CERS HAZ WASTE:

Name:	PRESTIGE AUTO BODY
Address:	143 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	554562
CERS ID:	10811551
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	554562
Site Name:	PRESTIGE AUTO BODY
Violation Date:	10-15-2020
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 02/26/2021. Within 30 days, obtain a signed copy of manifest# 013187529 for a disposal episode of June 2020.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	554562
Site Name:	PRESTIGE AUTO BODY
Violation Date:	10-24-2018
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/27/2019. Please submit a Hazardous Materials Business Plan within 30 days. The HMBP can be submitted through the san mateo county portal: ehesubmit.smchealth.org or the California State CERS website.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	554562
Site Name:	PRESTIGE AUTO BODY
Violation Date:	10-15-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/26/2021. Conduct and document employee training for 2020 within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP

PRESTIGE AUTO BODY (Continued) **S124446940**

Violation Source: CERS,

Site ID: 554562
Site Name: PRESTIGE AUTO BODY
Violation Date: 10-24-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 03/22/2019. Please submit a Hazardous Materials Business Plan within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 554562
Site Name: PRESTIGE AUTO BODY
Violation Date: 10-15-2020
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/26/2021. Within 30 days, please add the two 30 gallon waste thinner drums to the chemical inventory of the Hazardous Materials Business Plan. Currently, the chemical inventory only includes the new thinner stored in a 30 gallon drum.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-02-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-14-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-24-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is the first inspection of the facility Waste generated at the facility - waster based paint - Waste solvent

PRESTIGE AUTO BODY (Continued) **S124446940**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-21-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-14-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: solvent based waste thinner stored in a 30 gallon drum. Another 30 gallon drum stores water based paint/thinner waste.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-22-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-12-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-26-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

PRESTIGE AUTO BODY (Continued) **S124446940**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-14-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The latest HMBP was submitted on 3/27/2020 via san mateo county portal
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-24-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-24-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-28-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: KATHERINE YACKEL
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Prestige Auto Body
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

PRESTIGE AUTO BODY (Continued) **S124446940**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: KATHERINE YACKEL
Entity Title: Not reported
Affiliation Address: 143 SO LINDEN AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 143 S LINDEN AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: KATHERINE YACKEL
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: DAVID BRODHEAD
Entity Title: Not reported
Affiliation Address: 7550 ALPINE ROAD
Affiliation City: LA HONDA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: Not reported
Affiliation Phone: (650) 827-3503,

Affiliation Type Desc: Legal Owner
Entity Name: YACKEL, KATHY
Entity Title: Not reported
Affiliation Address: 143 S LINDEN AVE

PRESTIGE AUTO BODY (Continued) **S124446940**

Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-2194,
Affiliation Type Desc:	Operator
Entity Name:	YACKEL, KATHY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 588-2194,
Name:	PRESTIGE AUTO BODY
Address:	143 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	554562
CERS ID:	10811551
CERS Description:	Hazardous Waste Onsite Treatment

Violations:

Site ID:	554562
Site Name:	PRESTIGE AUTO BODY
Violation Date:	10-15-2020
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 02/26/2021. Within 30 days, obtain a signed copy of manifest# 013187529 for a disposal episode of June 2020.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	554562
Site Name:	PRESTIGE AUTO BODY
Violation Date:	10-24-2018
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/27/2019. Please submit a Hazardous Materials Business Plan within 30 days. The HMBP can be submitted through the san mateo county portal: ehesubmit.smchealth.org or the California State CERS website.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	554562

PRESTIGE AUTO BODY (Continued) **S124446940**

Site Name:	PRESTIGE AUTO BODY
Violation Date:	10-15-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/26/2021. Conduct and document employee training for 2020 within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	554562
Site Name:	PRESTIGE AUTO BODY
Violation Date:	10-24-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/22/2019. Please submit a Hazardous Materials Business Plan within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	554562
Site Name:	PRESTIGE AUTO BODY
Violation Date:	10-15-2020
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/26/2021. Within 30 days, please add the two 30 gallon waste thinner drums to the chemical inventory of the Hazardous Materials Business Plan. Currently, the chemical inventory only includes the new thinner stored in a 30 gallon drum.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-02-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-14-2019
Violations Found:	No

PRESTIGE AUTO BODY (Continued) **S124446940**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-24-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	This is the first inspection of the facility Waste generated at the facility - waster based paint - Waste solvent
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-21-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-14-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: solvent based waste thinner stored in a 30 gallon drum. Another 30 gallon drum stores water based paint/thinner waste.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-22-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-12-2020
Violations Found:	No

PRESTIGE AUTO BODY (Continued) **S124446940**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-26-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-14-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The latest HMBP was submitted on 3/27/2020 via san mateo county portal
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-24-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-24-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-28-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: KATHERINE YACKEL
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

PRESTIGE AUTO BODY (Continued) **S124446940**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Prestige Auto Body
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Environmental Contact
Entity Name:	KATHERINE YACKEL
Entity Title:	Not reported
Affiliation Address:	143 SO LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	143 S LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	KATHERINE YACKEL
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	DAVID BRODHEAD

PRESTIGE AUTO BODY (Continued) **S124446940**

Entity Title:	Not reported
Affiliation Address:	7550 ALPINE ROAD
Affiliation City:	LA HONDA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 827-3503,
Affiliation Type Desc:	Legal Owner
Entity Name:	YACKEL, KATHY
Entity Title:	Not reported
Affiliation Address:	143 S LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-2194,
Affiliation Type Desc:	Operator
Entity Name:	YACKEL, KATHY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 588-2194,

AR381 **1245 MONTGOMERY AVE (WELCH-UST)** **LUST** **S121307864**
SW **1245 MONTGOMERY AVENUE** **Cortese** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **CERS**
0.238 mi.
1256 ft. **Site 1 of 13 in cluster AR**

Relative: **Higher**
Actual: **21 ft.**

LUST:

Name:	1245 MONTGOMERY AVE (WELCH-UST)
Address:	1245 MONTGOMERY AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000011034
Global Id:	T10000011034
Latitude:	37.64016
Longitude:	-122.41265
Status:	Completed - Case Closed
Status Date:	11/04/2019
Case Worker:	PF
RB Case Number:	41-1244
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern:	Benzene, Diesel, Gasoline
Site History:	A 3,000 gallon UST was removed from the site on November 18, 1999. TPHd, TPHg, and benzene were found in soil,and subsequent investigation in 2001 discovered TPHd and benzene in groundwater. Dual phase extraction was conducted in 2011; 2015 groundwater data

1245 MONTGOMERY AVE (WELCH-UST) (Continued) **S121307864**

confirmed water quality objectives were achieved for all petroleum related parameters except benzene. Remaining benzene concentrations in groundwater are limited and stable. 2018 Soil vapor and indoor air monitoring data indicate soil vapor has been impacted by benzene with highest concentrations in the northeast corner of the vacant warehouse; indoor air concentrations do not exceed commercial 8-hour exposure ESLs; outdoor air benzene concentrations are nearly double the indoor air values. No further corrective actions are required for UST site. Closure package completed and distributed to RP in November 2019.

LUST:
Global Id: T10000011034
Contact Type: Regional Board Caseworker
Contact Name: PHYLLIS FLACK
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: phyllis.flack@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T10000011034
Action Type: Other
Date: 11/18/1999
Action: Leak Reported

Global Id: T10000011034
Action Type: ENFORCEMENT
Date: 11/04/2019
Action: Closure/No Further Action Letter - #41-1244

Global Id: T10000011034
Action Type: RESPONSE
Date: 01/21/2020
Action: Correspondence

Global Id: T10000011034
Action Type: REMEDIATION
Date: 01/02/2011
Action: Dual Phase Extraction

Global Id: T10000011034
Action Type: REMEDIATION
Date: 01/01/1999
Action: Excavation

Global Id: T10000011034
Action Type: Other
Date: 11/18/1999
Action: Leak Began

Global Id: T10000011034
Action Type: RESPONSE
Date: 09/30/2020
Action: Well Destruction Report

1245 MONTGOMERY AVE (WELCH-UST) (Continued) **S121307864**

Global Id: T10000011034
Action Type: Other
Date: 11/18/1999
Action: Leak Stopped

Global Id: T10000011034
Action Type: ENFORCEMENT
Date: 10/31/2017
Action: File Review - Closure

Global Id: T10000011034
Action Type: ENFORCEMENT
Date: 07/08/2019
Action: Notification - Preclosure - #41-1244

Global Id: T10000011034
Action Type: ENFORCEMENT
Date: 03/23/2020
Action: Staff Letter - #41-1244

Global Id: T10000011034
Action Type: Other
Date: 11/18/1999
Action: Leak Discovery

LUST:
Global Id: T10000011034
Status: Open - Case Begin Date
Status Date: 11/18/1999

Global Id: T10000011034
Status: Open - Inactive
Status Date: 10/18/2017

Global Id: T10000011034
Status: Open - Site Assessment
Status Date: 10/18/2017

Global Id: T10000011034
Status: Open - Eligible for Closure
Status Date: 05/28/2019

Global Id: T10000011034
Status: Open - Eligible for Closure
Status Date: 05/28/2019

Global Id: T10000011034
Status: Open - Verification Monitoring
Status Date: 05/28/2019

Global Id: T10000011034
Status: Completed - Case Closed
Status Date: 11/04/2019

CORTESE:

1245 MONTGOMERY AVE (WELCH-UST) (Continued) **S121307864**

Name:	1245 MONTGOMERY AVE (WELCH-UST)
Address:	1245 MONTGOMERY AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T10000011034
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	1245 MONTGOMERY AVE (WELCH-UST)
Address:	1245 MONTGOMERY AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	427864
CERS ID:	T10000011034
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	PHYLLIS FLACK - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AR382 **PHASE II CORP** **RCRA-SQG** **1000379055**
SW **1229 MONTGOMERY** **ENVIROSTOR** **CAD056188212**
1/8-1/4 **SAN BRUNO, CA 94066** **CPS-SLIC**
0.238 mi. **SWEEPS UST**
1256 ft. **Site 2 of 13 in cluster AR** **HIST UST**
CA FID UST
Relative: **EMI**
Higher **ENF**
Actual: **CERS**
21 ft. **HWTS**

RCRA-SQG:

Date Form Received by Agency:	19960901

PHASE II CORP (Continued) **1000379055**

Handler Name:	PHASE II CORP
Handler Address:	1229 MONTGOMERY
Handler City,State,Zip:	SAN BRUNO, CA 94066
EPA ID:	CAD056188212
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	1229 MONTGOMERY
Mailing City,State,Zip:	SAN BRUNO, CA 94066
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No

PHASE II CORP (Continued) **1000379055**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

PHASE II CORP (Continued) **1000379055**

Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: PHASE II CORP	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19960901
Handler Name: PHASE II CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19801003
Handler Name: PHASE II CORP	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19920227
Handler Name: PHASE II CORP	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PHASE II CORP (Continued) **1000379055**

Electronic Manifest Broker: Not reported

Receive Date: 19940318
Handler Name: PHASE II
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960228
Handler Name: PHASE II
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: PHASE II
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334412
NAICS Description: BARE PRINTED CIRCUIT BOARD MANUFACTURING

NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

PHASE II CORP (Continued) **1000379055**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19941021
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENVIROSTOR:
Name: PHASE II, INC.
Address: 1229 MONTGOMERY AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Facility ID: 71002470
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit

PHASE II CORP (Continued) **1000379055**

Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.63978
Longitude: -122.4125
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD056188212
Alias Type: EPA Identification Number
Alias Name: 71002470
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:
Name: 1245 MONTGOMERY AVE (WELCH)
Address: 1245 MONTGOMERY AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 10/31/2007
Global Id: SL0608187730
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.640136894
Longitude: -122.412673591
Case Type: Cleanup Program Site
Case Worker: KDK
Local Agency: Not reported

PHASE II CORP (Continued) **1000379055**

RB Case Number: 41S0155
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern: Benzene, Other Solvent or Non-Petroleum Hydrocarbon, Trichloroethylene (TCE)
Site History: The site is a vacant, 20-foot high warehouse building constructed in 1963. From 1963 to 1972, the warehouse was leased to a wood cabinet maker. In 1972, the site was leased to San Bruno Auto Center, a towing and auto repair facility, which installed and operated a 3,000-gallon underground fuel storage tank (UST) and equipment for its tow trucks. Since 1971 Phase II Corporation (Phase II), a printed circuit board manufacturer, leased the adjacent property and in 1983, leased the site itself. Phase II operated a plating and etching facility at the site.The operation used hazardous materials and generated hazardous waste during its operation, treating and discharging approximately 500,000 gallons/month of process water to the sewer. The site was abandoned in 1998 when the company went bankrupt. In 1998, the San Mateo County Health Services Agency notified the property owner that the facility must be decommissioned, decontaminated, and closed.The facility was closed until 1999 and the warehouse was leased to a garment cutting business, Juan s Cutting Service, and then to an automobile towing company, Aaces Towing. A TCE/DCE/VC/benzene plume extends offsite under adjacent buildings and under Montgomery Ave. Two on-site source areas associated with past operations: SW of the building and beneath the former storage area in front part of building.San Bruno does use some groundwater to supplement the water supplied via the Hetch Hetchy/SFPUC. This site is not impacting the groundwater used for drinking water, although the cleanup will require achieving drinking water standards.

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:
Name: PHASE II
Address: 1245 MONTGOMERY AVE
City: SAN BRUNO
Status: Active
Comp Number: 880049
Number: 9
Board Of Equalization: Not reported
Referral Date: 04-11-94
Action Date: 04-11-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: PHASE II
Address: 1245 MONTGOMERY AV

PHASE II CORP (Continued) **1000379055**

City,State,Zip: SAN BRUNO, CA 94066
File Number: 0002C17B
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C17B.pdf
Region: STATE
Facility ID: 00000066188
Facility Type: Other
Other Type: PRINTED CIRCUIT BOAR
Contact Name: BUTCH SMITH
Telephone: 4155897709
Owner Name: JOSEPH WELCH
Owner Address: 383 SAN BRUNO AVE., WEST
Owner City,St,Zip: SAN BRUNO, CA 94066
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: 6U
Container Construction Thickness: X
Leak Detection: None

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00000000
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: 5
Leak Detection: Visual

Tank Num: 002
Container Num: 0000000001
Year Installed: 1984
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 0.5
Leak Detection: Visual

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 41004984
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155897709
Mail To: Not reported
Mailing Address: 1229 MONTGOMERY AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN BRUNO 94066
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported

PHASE II CORP (Continued) **1000379055**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:

Name:	WELCH FAMILY PARTNERSHIP C/O C
Address:	1245 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	20143
Air District Name:	BA
SIC Code:	6531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.008
Reactive Organic Gases Tons/Yr:	0.0055888
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

ENF:

Name:	FORMER PHASE II PLATING SHOP
Address:	1245 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	2
Facility Id:	226250
Agency Name:	San Bruno Investment Company Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.639996
Place Longitude:	-122.41245
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported

PHASE II CORP (Continued) **1000379055**

Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 41S0155
Reg Measure Id:	169588
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	239500
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	02/28/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 41S0155
Description:	Not reported
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0

PHASE II CORP (Continued) **1000379055**

Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	FORMER PHASE II PLATING SHOP
Address:	1245 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	2
Facility Id:	226250
Agency Name:	San Bruno Investment Company Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.639996
Place Longitude:	-122.41245
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 41S0155
Reg Measure Id:	169588
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013

PHASE II CORP (Continued) **1000379055**

Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	239297
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	12/07/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 41S0155
Description:	Request for site history and workplan for additional investigation
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CERS:

Name:	WELCH FAMILY PARTNERSHIP C/O C
Address:	1245 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	504460
CERS ID:	110058339089
CERS Description:	US EPA Air Emission Inventory System (EIS)
Name:	1245 MONTGOMERY AVE (WELCH)
Address:	1245 MONTGOMERY AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	210457
CERS ID:	SL0608187730
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ERICA KALVE - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported

PHASE II CORP (Continued) **1000379055**

Affiliation Address: 1515 Clay Street, Suite 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5106222064,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: KYLE COCKERHAM - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: FANGS AUTO
Address: 1245 A MONTGOMERY AVE
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 94066
EPA ID: CAL000454138
Inactive Date: Not reported
Create Date: 04/08/2020
Last Act Date: 07/24/2020
Mailing Name: Not reported
Mailing Address: 1245 A MONTGOMERY AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN BRUNO, CA 94066
Owner Name: YONG KANG XIE
Owner Address: 328 ANITA DR
Owner Address 2: Not reported
Owner City,State,Zip: MILLBRAE, CA 940300000
Contact Name: YONG KANG XIE
Contact Address: 328 ANITA DR
Contact Address 2: Not reported
City,State,Zip: MILLBRAE, CA 94030

NAICS:
EPA ID: CAL000454138
Create Date: 2020-04-08 12:56:53.923
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 2020-04-08 12:56:53.92300
Inactive Date: Not reported
Facility Name: FANGS AUTO
Facility Address: 1245 A MONTGOMERY AVE
Facility Address 2: Not reported
Facility City: SAN BRUNO
Facility County: Not reported
Facility State: CA
Facility Zip: 94066

AR383 **PHASE II** **San Mateo Co. BI** **S121700707**
SW **1245 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.238 mi.
1256 ft. **Site 3 of 13 in cluster AR**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	PHASE II
Address:	1245 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018250
Prog Element Code:	COND EXEMPT - SPECIAL WASTES
Record Id:	PR0030028
Description:	COND EXEMPT - SPECIAL WASTES
Facility Status:	Inactive, non-billable
Program Category:	CONDITIONALLY EXEMPT (CE)

Name:	PHASE II
Address:	1245 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018250
Prog Element Code:	GEN 51-250 TONS HAZ WASTE/YR
Record Id:	PR0012180
Description:	GEN 51-250 TONS HAZ WASTE/YR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PHASE II
Address:	1245 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0018250
Prog Element Code:	STORES HAZ MAT <15999GAL, 111999LB, 5599FT^3
Record Id:	PR0004970
Description:	STORES HAZ MAT <15999GAL, 111999LB, 5599CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AR384 **PRESTIGE AUTO BODY & PAINT** **San Mateo Co. BI** **S121700767**
SW **1245A MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.238 mi.
1256 ft. **Site 4 of 13 in cluster AR**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	PRESTIGE AUTO BODY & PAINT
Address:	1245A MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0035253
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0053065
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PRESTIGE AUTO BODY & PAINT
Address:	1245A MONTGOMERY

PRESTIGE AUTO BODY & PAINT (Continued) **S121700767**

City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0035253
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0053066
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: PRESTIGE AUTO BODY & PAINT
Address: 1245A MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0035253
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0053064
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

AR385 **PHASE II** **HIST UST** **S112966337**
SW **1245 MONTGOMERY AVENUE** **HAZNET** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **HWTS**
0.238 mi.
1256 ft. **Site 5 of 13 in cluster AR**

Relative:
Higher

Actual:
21 ft.

HIST UST:
Name: PHASE II
Address: 1245 MONTGOMERY AVENUE
City,State,Zip: SAN BRUNO, CA 94066
File Number: 0002BFA0
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BFA0.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:
Name: WELCH FAMILY PARTNERSHIP
Address: 1245 MONTGOMERY AVE

PHASE II (Continued) **S112966337**

Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940661521
Contact: PHIL SELLERS
Telephone: 5104203317
Mailing Name: Not reported
Mailing Address: 383 SAN BRUNO AVE W

Year: 2007
Gepaid: CAC002624355
TSD EPA ID: CAT000646117
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.75

Additional Info:
Year: 2007
Gen EPA ID: CAC002624355

Shipment Date: 20071221
Creation Date: 3/8/2008 18:30:20
Receipt Date: 20071226
Manifest ID: 003842628JJK
Trans EPA ID: CAR000177527
Trans Name: PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: D040
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.75
Waste Quantity: 3500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: WELCH FAMILY PARTNERSHIP
Address: 1245 MONTGOMERY AVE
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940661521
EPA ID: CAC002624355
Inactive Date: 05/27/2008
Create Date: 11/28/2007
Last Act Date: 06/11/2008
Mailing Name: Not reported
Mailing Address: 383 SAN BRUNO AVE W

PHASE II (Continued) **S112966337**

Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN BRUNO, CA 940663526
Owner Name:	WELCH FAMILY PARTNERSHIP
Owner Address:	383 SAN BRUNO AVE W
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN BRUNO, CA 940663526
Contact Name:	PHIL SELLERS
Contact Address:	383 SAN BRUNO AVE W
Contact Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940663526

AR386 **MOBILE ACTION AUTO BODY** **San Mateo Co. BI** **S121700758**
SW **1245A MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.238 mi.
1256 ft. **Site 6 of 13 in cluster AR**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	MOBILE ACTION AUTO BODY
Address:	1245A MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0028959
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0048893
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	MOBILE ACTION AUTO BODY
Address:	1245A MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0028959
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0051736
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	MOBILE ACTION AUTO BODY
Address:	1245A MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0028959
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0048894
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

AR387 **1245 MONTGOMERY AVE** **CPS-SLIC** **S105194040**
SW **1245 MONTGOMERY AVENUE** **N/A**
1/8-1/4 **SAN BRUNO, CA**
0.238 mi.
1256 ft. **Site 7 of 13 in cluster AR**

Relative:
Higher

Actual:
21 ft.

SLIC REG 2:

Region:	2
Facility ID:	41S0155
Facility Status:	Pollution Characterization
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

AR388 **PHASE II** **San Mateo Co. BI** **S121700689**
SW **1245 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.238 mi.
1256 ft. **Site 8 of 13 in cluster AR**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:

Name:	PHASE II
Address:	1245 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0006530
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022964
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

AR389 **PRESTIGE AUTO BODY** **San Mateo Co. BI** **S121700784**
SW **1245 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.238 mi.
1256 ft. **Site 9 of 13 in cluster AR**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:

Name:	PRESTIGE AUTO BODY
Address:	1245 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0039905
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0055912
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

PRESTIGE AUTO BODY (Continued) **S121700784**

Name:	PRESTIGE AUTO BODY
Address:	1245 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0039905
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0055913
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	PRESTIGE AUTO BODY
Address:	1245 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0039905
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0055911
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AS390 **MERCK SHARP & DOHME SAN FRANCISCO BRAN** **RCRA NonGen / NLR** **1000172983**
SSE **340 SHAW RD** **FINDS** **CAT000646216**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.238 mi.
1257 ft. **Site 1 of 2 in cluster AS**

Relative: **Lower**

Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	19800814
Handler Name:	MERCK SHARP & DOHME SAN FRANCISCO BRAN
Handler Address:	340 SHAW RD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAT000646216
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	340 SHAW RD
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-583-4330
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	CA
State District:	2
Mailing Address:	340 SHAW ROAD
Mailing City,State,Zip:	S SAN FRANCISCO, CA 94080
Owner Name:	MR CLARENCE KRIEGER
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

MERCK SHARP & DOHME SAN FRANCISCO BRAN (Continued) **1000172983**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:
Owner/Operator Indicator: Operator

MERCK SHARP & DOHME SAN FRANCISCO BRAN (Continued) **1000172983**

Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MR CLARENCE KRIEGER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19800814
Handler Name:	MERCK SHARP & DOHME SAN FRANCISCO BRAN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110002944878

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

MERCK SHARP & DOHME SAN FRANCISCO BRAN (Continued) **1000172983**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000172983
Registry ID:	110002944878
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002944878
Name:	MERCK SHARP & DOHME SAN FRANCISCO BRAN
Address:	340 SHAW RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

AS391 **RENTAL CAR SHUTTLE** **San Mateo Co. BI** **S117398467**
SSE **340 SHAW** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.238 mi.
1257 ft. **Site 2 of 2 in cluster AS**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:

Name:	DOUBLE DAY OFFICE SVCS INC
Address:	340 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0037659
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0054532
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	RENTAL CAR SHUTTLE
Address:	340 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0026789
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0039690
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	RENTAL CAR SHUTTLE
Address:	340 SHAW
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0026789
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0039691
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AT392 **A SILVESTRI CORPORATION** **RCRA NonGen / NLR** **1024792121**
West **149 SOUTH LINDEN AVENUE** **CAL000116138**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.238 mi.
1257 ft. **Site 1 of 2 in cluster AT**

Relative: **Higher**
Actual: **24 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	19940922
Handler Name:	A SILVESTRI CORPORATION
Handler Address:	149 SOUTH LINDEN AVENUE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
EPA ID:	CAL000116138
Contact Name:	DENISE LEVESQUE
Contact Address:	149 S LINDEN AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	415-871-5081
Contact Fax:	000-000-0000
Contact Email:	FACTORY@ASILVESTRI.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	149 S LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6410
Owner Name:	SILVESTRI BYPASS TRUST
Owner Type:	Other
Operator Name:	DENISE LEVESQUE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

A SILVESTRI CORPORATION (Continued) **1024792121**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SILVESTRI BYPASS TRUST
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	149 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6410
Owner/Operator Telephone:	415-871-5081
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DENISE LEVESQUE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	149 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-871-5081
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

A SILVESTRI CORPORATION (Continued) **1024792121**

Historic Generators:
Receive Date: 19940922
Handler Name: A SILVESTRI CORPORATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 327991
NAICS Description: CUT STONE AND STONE PRODUCT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AT393 **SILVESTRI** **CERS HAZ WASTE** **S121790347**
West **149 S LINDEN** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.238 mi.
1257 ft. **Site 2 of 2 in cluster AT**

Relative:
Higher

Actual:
24 ft.

CERS HAZ WASTE:
Name: SILVESTRI
Address: 149 S LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 67942
CERS ID: 10066723
CERS Description: Hazardous Waste Generator

CERS:
Name: SILVESTRI
Address: 149 S LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 67942
CERS ID: 10066723
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 67942
Site Name: SILVESTRI
Violation Date: 04-04-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical

SILVESTRI (Continued) **S121790347**

	characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/07/2017. The 55 gallon drum storing waste rags need to be labeled.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	67942
Site Name:	SILVESTRI
Violation Date:	04-04-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 04/19/2017. Facility map is missing required elements.. Please update within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	67942
Site Name:	SILVESTRI
Violation Date:	06-11-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 07/02/2019. OBSERVATION: The business did not provide one or more of the following: initial employee training, adequate employee training, annual employee training and/or maintain records of employee training. CORRECTIVE ACTION: Provide all employees with required training that includes: safe handling hazardous materials, emergency response procedures, and proper use of response quipment. Maintain records of training available for 3 years. Please provide Hazardous Materials Busness Plan training within 30 days. Notifiy me when it is complete.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	67942
Site Name:	SILVESTRI
Violation Date:	06-24-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

SILVESTRI (Continued) **S121790347**

Violation Notes:	Returned to compliance on 07/08/2021. OBSERVATION: Facility was unable to demonstrate that the two drums of hazardous waste had been disposed of within the last year. REQUIRED ACTION: Schedule a pick up with a registered hazardous waste transporter for all hazardous waste and provide a copy of the manifest to the Inspector within 30 days. If waste has been disposed of within the last year, submit copies of the manifests showing this instead. Ensure that hazardous waste is disposed of within 180 days of accumulation start date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	67942
Site Name:	SILVESTRI
Violation Date:	06-11-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/11/2019. OBSERVATION: The start date on the waste rag drum was missing. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. Start date applied durning the inspection. Violation closed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	67942
Site Name:	SILVESTRI
Violation Date:	04-04-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/06/2017. Facility needs to add additional chemical in the inventory: Castro oil, flammable paint, hydrochloric acid, and part A fiberglass resin. Please update within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	67942
Site Name:	SILVESTRI
Violation Date:	06-24-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 07/08/2021. OBSERVATION: The 55 gallon drum

SILVESTRI (Continued) **S121790347**

of rags was labeled as waste oil liquid. REQUIRED ACTION: Ensure that the labels on all hazardous waste containers accurately reflect what is inside. Update the label and submit a photo to the inspector showing that his has been accomplished.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 67942
Site Name: SILVESTRI
Violation Date: 06-24-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 07/08/2021. OBSERVATION: The last documented hazardous material business plan training was conducted in 2019. REQUIRED ACTION: Perform safety training for all employees, at a minimum including emergency response plans and procedures in the event of a release or threatened release of a hazardous material, notification procedures of appropriate parties and emergency response personnel, procedures for mitigation of a release or threatened release, and evacuation plans and procedures for the business site. Submit documentation to the Inspector demonstrating that all employees have received training. Ensure that initial and annual refresher training records for all employees are retained for a minimum of three years.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 67942
Site Name: SILVESTRI
Violation Date: 06-24-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 07/08/2021. OBSERVATION: Copies of past manifests were not available at the time of the inspection. REQUIRED ACTION: Submit copies of all manifests from the last two years to the inspector.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 67942
Site Name: SILVESTRI
Violation Date: 04-04-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing,

SILVESTRI (Continued) **S121790347**

	disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 04/19/2017. Facility s EPA ID# status is Inactive. Please activate your EPA ID # (CAL000116138).
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	67942
Site Name:	SILVESTRI
Violation Date:	06-11-2019
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 07/02/2019. OBSERVATION: Plummed eye wash has not been tested and maintained to assure its proper operation in time of emergency. CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating EYE WASH has been properly tested or maintained. Either remove the eyewash that is in an area not being used or maintain the eyewash.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	67942
Site Name:	SILVESTRI
Violation Date:	06-24-2021
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 07/15/2021. OBSERVATION: The hmbp submittal from 9/16/20 was not accepted, and revisions have not been submitted. REQUIRED ACTION: Re-submit your business plan only in the County Portal and address the following comments from your previous inspector "Please complete the Safety and First Aid and Spill Control portions of the Emergency Equipment Section of Consolidated Emergency Response/Contingency Plan segment of the HMBP"
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	67942
Site Name:	SILVESTRI
Violation Date:	06-11-2019
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that

SILVESTRI (Continued) **S121790347**

requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 07/02/2019. OBSERVATION: The business failed to update business plan within 30 days when one of the following occurs: a 100 percent or more increase in the quantity of a previously disclosed material; any handling of a previously undisclosed hazardous material; a change of business address, business ownership, or business name; or a substantial change in the handler's operations that requires modification to any portion of the business plan. CORRECTIVE ACTION: Update all submittal elements effected by the change(s) and electronically submit the update within 30 days. Update the chemical inventory. 1. Propane - update the largest container amount. 2. Remove the chemicals you no longer use. 3. Update the methanol maximum daily amount to 165 gal instead of 55 gallons. And incease the average daily amount. 4. Add R-215 reducer and Polyplex? (Ask Tony)
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-21-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-25-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown

SILVESTRI (Continued) **S121790347**

Eval Date: 05-26-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-15-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-07-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-04-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Assist facility with HMBP chemical inventory and map.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-14-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-29-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-04-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency

SILVESTRI (Continued) **S121790347**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-24-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-12-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-15-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: onsite to investigate illegal hazardous waste disposal. observed abandoned hazardous waste at another location with A silvestri contact info on it as they had purchased the paint cans. Unable to determine how these paint cans and other hazardous materials arrived onsite here. further follow up and sampling needed to determine if the other materials are related to statue manufacturing.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-04-2017

SILVESTRI (Continued) **S121790347**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility has one drum of waste rag and one drum of paint booth filters. last waste pick up was on 4/6/2016.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-11-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-11-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	One shipment of Non-RCRA hazardous waste solid rags 400 punds in 2019 - 2-27-2019
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-24-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-30-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-23-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-01-2019
Violations Found:	No

SILVESTRI (Continued) **S121790347**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-20-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-02-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-22-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-10-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-25-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-25-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

SILVESTRI (Continued) **S121790347**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-31-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Document Preparer
Entity Name: Denise Levesque
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: SILVESTRI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Silvestri Family LP
Entity Title: Not reported
Affiliation Address: 149 S. Linden Ave
Affiliation City: S. San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 871-5081,

Affiliation Type Desc: Legal Owner
Entity Name: SILVERSTRI, PAOLA
Entity Title: Not reported
Affiliation Address: 149 LINDEN

SILVESTRI (Continued) **S121790347**

Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 871-5081,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	149 S LINDEN
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Denise Levesque
Entity Title:	Bookkeeper
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Rita Nardi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 871-5081,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Denise Levesque
Entity Title:	Not reported
Affiliation Address:	149 S. Linden Ave
Affiliation City:	S. San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

AK394 **K WILSON & COMPANY INC** **RCRA NonGen / NLR** **1024801920**
SE **189 BEACON ST** **CAL000234898**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.238 mi.
1259 ft. **Site 11 of 12 in cluster AK**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		20020227
Actual: Handler Name:	K WILSON & COMPANY INC	
19 ft. Handler Address:		189 BEACON ST
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000

K WILSON & COMPANY INC (Continued) **1024801920**

EPA ID:	CAL000234898
Contact Name:	STEVE WILSON
Contact Address:	189 BEACON ST
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-952-3003
Contact Fax:	650-952-2577
Contact Email:	STEVE@KWILSONCO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	189 BEACON ST
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:	STEVEN WILSON
Owner Type:	Other
Operator Name:	STEVE WILSON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

K WILSON & COMPANY INC (Continued) **1024801920**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVE WILSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	189 BEACON ST
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-952-3003
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEVEN WILSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	189 BEACON ST
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone:	650-952-3059
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020227
Handler Name: K WILSON & COMPANY INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

K WILSON & COMPANY INC (Continued) **1024801920**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 3259
NAICS Description: OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AK395 **K WILSON & COMPANY INC** **San Mateo Co. BI** **S117398462**
SE **189 BEACON** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.238 mi.
1259 ft. **Site 12 of 12 in cluster AK**

Relative: **Lower**
Actual: **19 ft.**

San Mateo Co. BI:
Name: K WILSON & COMPANY INC
Address: 189 BEACON
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0037552
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0054327
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

AM396 **SOUTH LINDEN, LLC** **RCRA NonGen / NLR** **1025862539**
NW **88 S LINDEN AVE** **CAC003043267**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.239 mi.
1263 ft. **Site 5 of 17 in cluster AM**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20191114
Handler Name: SOUTH LINDEN, LLC
Handler Address: 88 S LINDEN AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-6413
EPA ID: CAC003043267
Contact Name: HENRY DU
Contact Address: 1015 EL CAMINO REAL
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-3206
Contact Telephone: 510-579-6468
Contact Fax: Not reported
Contact Email: TIFFANY.RELIANCE@GMAIL.COM
Contact Title: Not reported
EPA Region: 09

SOUTH LINDEN, LLC (Continued) **1025862539**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1015 EL CAMINO REAL
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-3206
Owner Name:	SOUTH LINDEN, LLC
Owner Type:	Other
Operator Name:	HENRY DU
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

SOUTH LINDEN, LLC (Continued) **1025862539**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191122
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTH LINDEN, LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	88 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6413
Owner/Operator Telephone:	510-579-6468
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HENRY DU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1015 EL CAMINO REAL
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-3206
Owner/Operator Telephone:	510-579-6468
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191114
Handler Name: SOUTH LINDEN, LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	236220
NAICS Description:	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

SOUTH LINDEN, LLC (Continued) **1025862539**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AM397 **PINNICLE PRODUCTIONS** **RCRA-SQG 1004677598**
NW **88 S LINDEN AVE** **FINDS CAR000099366**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **ECHO**
0.239 mi. **HAZNET**
1263 ft. **Site 6 of 17 in cluster AM** **HWTS**

Relative:
Higher

Actual:
21 ft.

RCRA-SQG:

Date Form Received by Agency:		20010703
Handler Name:	PINNICLE PRODUCTIONS	
Handler Address:		88 S LINDEN AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAR000099366
Contact Name:		JEFF SMITH
Contact Address:		88 S LINDEN AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		650-583-2636
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		88 S LINDEN AVE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		PINNICLE PRODUCTIONS
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

PINNICLE PRODUCTIONS (Continued) **1004677598**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PINNICLE PRODUCTIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	88 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

PINNICLE PRODUCTIONS (Continued) **1004677598**

Owner/Operator Telephone:	650-583-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PINNICLE PRODUCTIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	88 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-583-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010703
Handler Name: PINNICLE PRODUCTIONS	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20010703
Handler Name: PINNICLE PRODUCTIONS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

PINNICLE PRODUCTIONS (Continued) **1004677598**

FINDS:
Registry ID: 110012236525

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
Registry ID: 110070678423

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004677598
Registry ID:	110012236525
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012236525
Name:	PINNICLE PRODUCTIONS
Address:	88 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

HAZNET:

Name:	PINNICLE PRODUCTIONS
Address:	88 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact:	Jeff Smith
Telephone:	6505832636
Mailing Name:	Not reported
Mailing Address:	88 S Linden Ave
Year:	2003
Gepaid:	CAR000099366
TSD EPA ID:	CAD053044053
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.2919
Year:	2002
Gepaid:	CAR000099366
TSD EPA ID:	CAD053044053
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.7506

PINNICLE PRODUCTIONS (Continued) **1004677598**

Year:	2001
Gepaid:	CAR000099366
TSD EPA ID:	CAD053044053
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.8005

Additional Info:

Year:	2003
Gen EPA ID:	CAR000099366
Shipment Date:	20030415
Creation Date:	8/29/2003 18:31:02
Receipt Date:	20030417
Manifest ID:	22373782
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030121
Creation Date:	5/6/2003 18:31:20
Receipt Date:	20030127
Manifest ID:	22109908
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

PINNICLE PRODUCTIONS (Continued) **1004677598**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAR000099366
Shipment Date:	20011227
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011231
Manifest ID:	21329869
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011025
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011029
Manifest ID:	21386012
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1125
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010820
Creation Date:	10/3/2001 0:00:00

PINNICLE PRODUCTIONS (Continued) **1004677598**

Receipt Date:	20010821
Manifest ID:	20998774
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5004
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAR000099366
Shipment Date:	20021101
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021107
Manifest ID:	21938925
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020815
Creation Date:	3/17/2003 18:31:23
Receipt Date:	20020821
Manifest ID:	21748326
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

PINNICLE PRODUCTIONS (Continued) **1004677598**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020522
Creation Date:	1/14/2003 18:31:21
Receipt Date:	20020524
Manifest ID:	21592717
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020225
Creation Date:	7/17/2002 18:31:10
Receipt Date:	20020227
Manifest ID:	21497776
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2085

PINNICLE PRODUCTIONS (Continued) **1004677598**

Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: PINNICLE PRODUCTIONS
Address: 88 S LINDEN AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAR000099366
Inactive Date: 06/30/2003
Create Date: 03/04/2003
Last Act Date: 03/28/2005
Mailing Name: Not reported
Mailing Address: 88 S Linden Ave
Mailing Address 2: Not reported
Mailing City,State,Zip: South San Francisco, CA 94080
Owner Name: Pinnicle Productions
Owner Address: 88 S Linden Ave
Owner Address 2: Not reported
Owner City,State,Zip: South San Francisco, CA 94080
Contact Name: Jeff Smith
Contact Address: 88 S Linden Ave
Contact Address 2: Not reported
City,State,Zip: South San Francisco, CA 94080

AU398 **GRANITE EXCAVATION AND DEMOLITION INC** **RCRA NonGen / NLR** **1024751180**
WSW **160 S. LINDEN AVE, STE 100** **CAC002970972**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 1 of 16 in cluster AU**

Relative: **Higher**
Actual: **24 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20180716
Handler Name: GRANITE EXCAVATION AND DEMOLITION INC
Handler Address: 160 S. LINDEN AVE, STE 100
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAC002970972
Contact Name: ERWIN O TOOLE
Contact Address: 160 S. LINDEN AVE, STE 100
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 650-737-8700
Contact Fax: Not reported
Contact Email: ERWIN@GRANITESF.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported

GRANITE EXCAVATION AND DEMOLITION INC (Continued) **1024751180**

State District:	Not reported
Mailing Address:	160 S. LINDEN AVE, STE 100
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	GRANITE EXCAVATION AND DEMOLITION
Owner Type:	Other
Operator Name:	ERWIN O TOOLE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180830
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

GRANITE EXCAVATION AND DEMOLITION INC (Continued) **1024751180**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GRANITE EXCAVATION AND DEMOLITION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	160 S. LINDEN AVE, STE 100
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-737-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERWIN O TOOLE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	160 S. LINDEN AVE, STE 100
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-737-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180716
Handler Name:	GRANITE EXCAVATION AND DEMOLITION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AU399 **DUPONT** **RESPONSE** **1000925659**
WSW **160 LINDEN** **ENVIROSTOR** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **LUST**
0.240 mi. **San Mateo Co. BI**
1268 ft. **Site 2 of 16 in cluster AU** **Cortese**
HIST CORTESE
Relative: Higher **NPDES**
CIWQS
Actual: 24 ft. **CERS**

RESPONSE:

Name:	E.I. DUPONT DE NEMOURS
Address:	160 SOUTH LINDEN AVENUE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Facility ID:	41280049
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	Not reported
National Priorities List:	NO
Cleanup Oversight Agencies:	NONE SPECIFIED
Lead Agency Description:	Not reported
Project Manager:	Not reported
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Site Code:	200394
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	22
Senate:	13
Special Program Status:	Not reported
Status:	Certified
Status Date:	01/01/1983
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.64251
Longitude:	-122.4144
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC :	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	DUPONT DE NEMOURS & COMPANY
Alias Type:	Alternate Name
Alias Name:	110033618645
Alias Type:	EPA (FRS #)
Alias Name:	200394
Alias Type:	Project Code (Site Code)
Alias Name:	41280049
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	01/01/1983
Comments:	Certified Site. 1600 tons of hazardous waste was removed. No month and day information was available. January 1 chosen because it gives the earliest statute of limitations date.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

DUPONT (Continued) **1000925659**

Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Site Discovery. Facility was identified as an active site independent of drive-by; same address as Koningsberg Electronics, Inc, (#41360066).

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: E.I. DUPONT DE NEMOURS
Address: 160 SOUTH LINDEN AVENUE
City,State,Zip: S SAN FRANCISCO, CA 94080
Facility ID: 41280049
Status: Certified
Status Date: 01/01/1983
Site Code: 200394
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.64251
Longitude: -122.4144
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: DUPONT DE NEMOURS & COMPANY
Alias Type: Alternate Name
Alias Name: 110033618645
Alias Type: EPA (FRS #)
Alias Name: 200394
Alias Type: Project Code (Site Code)
Alias Name: 41280049
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

DUPONT (Continued) **1000925659**

Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/01/1983
Comments: Certified Site. 1600 tons of hazardous waste was removed. No month and day information was available. January 1 chosen because it gives the earliest statute of limitations date.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Site Discovery. Facility was identified as an active site independent of drive-by; same address as Koningsberg Electronics, Inc, (#41360066).

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Name: DUPONT
Address: 160 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100658
Global Id: T0608100658
Latitude: 37.643406602
Longitude: -122.414492
Status: Completed - Case Closed
Status Date: 10/06/2011
Case Worker: JM
RB Case Number: 41-0692
Local Agency: SAN MATEO COUNTY LOP
File Location: Not reported
Local Case Number: 550117
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Arsenic, Stoddard solvent / Mineral Spriits / Distillates
Site History: Extracted from URS documents San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced reports. The former DuPont plant in South San Francisco was an active paint manufacturing operation from 1934 through 1982. Peak production at the plant occurred in 1955, when employment reached 250 workers. In 1982, operations were reduced, and from 1982 until September 2000 the facility was used mainly for warehousing paints and quality control testing of bulk paints that were shipped to the NUMMI plant in Fremont, California. In 1985, DuPont sold one of its parcels (150 South Linden Avenue) to Bay Cities Building Materials. In September 2000, Intrinsic Ventures LLC of Menlo Park, California, purchased the remaining parcel (160 South Linden Avenue) from DuPont. The Site is

DUPONT (Continued) **1000925659**

currently being used for commercial occupancy. The Site is located on a bay plain about 1.5 miles west of San Francisco Bay. The Site is located at an elevation of about 20 feet above sea level and slopes gently northwestward. A map prepared by the U.S. Geological Survey shows that old marshlands, that have been covered with man-made fill, begin about 500 feet northeast of the site and extend to the edge of San Francisco Bay. On the U.S. Geological Survey map the Site is shown as being underlain by the Quaternary age Colma Formation, which is composed of sand, sandy clay, and silty sand. Toward San Francisco Bay, younger alluvium and bay mud overlie the Colma Formation. Depth to groundwater at the Site during the latest monitoring event on June 14, 2007 ranged from 5.38 to 8.57 feet bgs. The average direction of groundwater flow for that date was to the northeast at an average gradient of 0.013 feet per foot. The entire area from the Site eastward to San Francisco Bay is developed as industrial and commercial properties. Industrial and commercial properties also extend north, west, and south from the Site. There are no residential properties in the vicinity of the Site. Several investigations have been conducted at the Site to characterize its soil, groundwater quality, and hydrogeologic conditions. In general, these investigations were designed to evaluate the extent of impacted soils and groundwater beneath the Site and to assess the hydrogeologic conditions. Groundwater monitoring is ongoing at the Site. DuPont Environmental Remediation Services (DERS) performed a limited Environmental Assessment of the Site in 1991. Eleven soil borings were advanced at locations selected after a review of historical site activities. Soil samples were collected from each boring. The soil analytical results from this investigation showed the presence of impacted soils in the area of the former tank farm. Soils were impacted with BTEX and other volatile organic compounds (VOCs), including acetone, 2-butanone, hexanone, methylene chloride, and di-nbutylphthlate. In October 1998, URS Greiner Woodward-Clyde performed a Phase II Environmental Site Assessment (ESA) at the Site. Eleven more soil borings were advanced at locations based on the results of the DERS investigation and a historical review of Site activities. Soil and groundwater samples were collected at each boring. In addition, shallow soil samples were collected at five other locations. Toluene, ethylbenzene, xylenes, TPH-gas, and total petroleum hydrocarbons as diesel (TPH-diesel) were detected in over half of the soil samples. Benzo(a)pyrene, di-n-butylphthalate, and naphthalene were detected in soil samples from the tank farm area. BTEX, acetone, 2-butanone, 1,2-dichloroethane, and several semi-volatile organic compounds (SVOCs) were detected in Site groundwater samples. Site Specific Target Levels (SSTLs) were prepared for several future use scenarios in response to a County request and submitted with the Phase II ESA Report. URS performed a remedial investigation at the Site in July 1999. Among other tasks, the remedial investigation included collection and analysis of groundwater samples from the former tank farm area. The remedial investigation results indicated a potential hydrocarbon plume (TPH-mineral spirits, toluene, ethylbenzene, and xylenes) in groundwater that extended from the former tank farm area to South Linden Avenue. DuPont conducted a soil removal action in May-July 2000 under the direction of the County. URS submitted a remedial action report on July 26, 2000 that detailed the source removal activities performed as part of this action. The excavations were backfilled with imported clean bank-run fill material. In August

DUPONT (Continued) **1000925659**

2000, four monitoring wells were installed in accordance with the work plan. Three monitoring wells were installed along the centerline of the plume and are being sampled in accordance with the groundwater monitoring and reporting plan. The fourth well was installed at an upgradient location and serves as a background well. Five quarters of groundwater monitoring were performed from December 2000 through December 2001 to investigate plume stability at the Site. Because the sampling results indicated a stable plume, the County approved a change to semiannual monitoring beginning in June 2002. In December 2002, URS performed an off-site groundwater investigation to evaluate possible off-site groundwater impacts of the former DuPont Automotive Products facility, in response to the San Mateo County Health Services Agency request for investigation. The investigation activities included sampling and analysis of shallow groundwater in two areas. The first area of investigation was along the border between the former DuPont Automotive Products facility and the adjacent Bay Cities Building Materials site. The second area of investigation occurred in the roadway on South Linden Avenue. Six soil borings were advanced and groundwater was collected from the temporary wells installed in the borings. Analytical results showed that the risk-based screening levels (RBSLs), based on exposure to vapor emissions from groundwater in indoor environment, were not exceeded at the sampled locations. Hence, it was concluded that the former DuPont Automotive Products facility was not causing human health concerns at the adjacent Bay Cities Building Materials site or in the roadway of South Linden Avenue. In a letter dated July 28, 2003, the County approved the elimination of groundwater analysis for TPH-gas, total petroleum hydrocarbons as mineral spirits (TPH-mineral spirits), and equipment blanks based on the submitted groundwater monitoring data. In 2003, the County notified DuPont by letter that the Site would need to be remediated to a residential standard unless a new, separate deed restriction was recorded for the Site. In a letter dated September 14, 2005, the County requested that DuPont compare historical Site soil and groundwater data with San Francisco Bay Region Water Quality Control Board Environmental Screening Levels (ESLs) for a hypothetical future residential land use of residential slab-ongrade construction. In response to the County s request, DuPont submitted the Current Conditions Report on March 31, 2006. On June 8, 2006, the County requested that a Work Plan be submitted to establish cleanup goals and either propose additional Site characterization based on the residential land use criteria or evaluate several remedial alternatives. As a result of previous investigations and removal actions, concentrations and distributions of constituents of concern are well understood over much of the Site. However, as stated in DuPont s July 3, 2006, recommendations for further characterization in the Amendment to the Current Conditions Report, additional groundwater sampling was needed to address data gaps pertinent to an assumed future residential use with slab-on-grade construction. In a letter dated July 18, 2006, the County provided comments and requested that additional groundwater data be collected as part of the Work Plan to assess plume stability. On August 10, 2006, DuPont submitted the Site Characterization Work Plan for Potential Future Residential Use, which presented the proposed work scope to further characterize and evaluate on-site soil, groundwater and soil gas based on a future hypothetical residential land use scenario, assuming slab-on-grade construction. The Work Plan was prepared in response to the County s letters of

DUPONT (Continued) **1000925659**

June 8 and July 18, 2006. The Work Plan also presented a proposed scope of work to further evaluate and characterize the stability of the groundwater plume, both on-site and off-site, in response to the County s letter of July 18, 2006. In a letter dated September 6, 2006, the County indicated acceptance of the work plan with modifications including analysis for hexavalent chromium in soil, evaluation of soil ecotoxicity screening levels, unsuitability of GeoprobeTM methods for geotechnical sampling, and collecting samples from the adjacent downgradient property location. In a letter dated November 22, 2006, the County indicated that it had received verification of the commercial deed restriction cosigned by San Mateo County, and that the deed restriction may decrease the scope of, but not necessarily eliminate, the Work Plan submitted on August 10, 2006. In a meeting with URS on December 5, 2006, the County agreed to a modification of the scope of work in the work plan to include only characterization of the on-site and off-site stability of the toluene plume in groundwater. The revised scope of work was summarized in a letter from URS to the County dated December 22, 2006. A subsurface investigation to characterize the groundwater toluene plume stability on-site and off-site was performed on January 31 and February 1 and 2, 2007. Fourteen grab groundwater samples were collected and analyzed for BTEX, acetone, 2-butanone (MEK), 4-methyl-2-pentanone (MIBK), 1,2-dichloroethane (DCA), and naphthalene. The data show that constituent levels exceeded RWQCB ESLs for groundwater as a potential drinking water resource at several sample locations on the Site and the adjacent property at 150 South Linden Avenue. None of the groundwater sample results exceed the Site-Specific Target Levels (SSTLs) developed for the Dupont facility or the RWQCB ESLs for indoor air impact in a commercial/industrial land use scenario with highly permeable soils. DuPont submitted the Site Groundwater Plume Stability Characterization Report on April 25, 2007, and concluded in the report that upgradient and crossgradient extents of the main contaminant plume in shallow groundwater had been substantially delineated. The report also concluded that the downgradient offsite extent of the main contaminant plume in shallow groundwater had not been fully delineated; however, the plume appeared to narrow substantially to the east beyond the west margin of South Linden Avenue. The June 14, 2007 groundwater monitoring results showed benzene, toluene, ethylbenzene, xylenes, acetone, 2-butanone (MEK) and 4-methyl-2-pentanone (MIBK) in monitoring well MW-1 at concentrations of 170 micrograms per liter (g/L), 150,000 g/L, 4,700 g/L, 23,000 g/L, 8,200 g/L, 110 g/L and 790 g/L respectively (URS 2007b). Well MW-1 is the well closest to the former source area and is upgradient to the Central Concrete Supply Company (former Bay Cities Building Materials) site. In the July 1999 remedial investigation, two borings, A1 and A2, were advanced at the property boundary between the former DuPont site and the Bay Cities Building Materials site, and three borings, B1, B2, and B3, were advanced in South Linden Avenue roadway, adjacent to the two sites. In July 1999, BTEX was detected at both borings advanced at the property boundary, A1 and A2. Benzene was detected at concentrations of 100 g/L at boring A1 and 200 g/L at boring A2. Toluene was detected at concentrations of 45,000 g/L at boring A1 and 110,000 g/L at boring A2. Ethylbenzene was detected at concentrations of 3,000 g/L at boring A1 and 3,500 g/L at boring A2. Total xylenes were detected at concentrations of 13,000 g/L at boring A1 and 16,000 g/L at boring A2. TPH-gas was detected at concentrations of 130 mg/L at boring A1

DUPONT (Continued) **1000925659**

and 190 mg/L at boring A2. TPH-diesel was found at concentrations of 4.2 mg/L at boring A1 and 3.9 mg/L at boring A2. In July 1999, BTEX was also present in all three borings advanced in the South Linden Avenue roadway, B1, B2, and B3. The concentrations ranged from 0.3 g/L (data qualified with a J) to 50 g/L for benzene, 180 g/L to 12,000 g/L for toluene, 8 g/L to 390 g/L for ethylbenzene, and 39 g/L to 2,000 g/L for total xylenes. TPH-gas was detected at concentrations ranging from 0.38 mg/L to 28 mg/L, and TPH-diesel was found at concentrations ranging from 0.67 mg/L to 1.5 mg/L. These results were obtained before the May-June 2000 soil removal action in the vicinity of the former tank farm area of the site, and therefore represent a range of concentrations that might be expected off-site.

LUST:
Global Id: T0608100658
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100658
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 10/06/2011
Action: Closure/No Further Action Letter - #20111006

Global Id: T0608100658
Action Type: Other
Date: 02/09/1993
Action: Leak Discovery

Global Id: T0608100658
Action Type: RESPONSE
Date: 12/16/2010
Action: Correspondence

Global Id: T0608100658
Action Type: RESPONSE
Date: 08/15/2011
Action: Well Destruction Report

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 09/10/2003
Action: Staff Letter - #20030910A

DUPONT (Continued) **1000925659**

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 05/31/2007
Action: Staff Letter - #20060906

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 06/10/2002
Action: Staff Letter - #20020610

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 03/28/2008
Action: Staff Letter - #20080328

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 09/07/2006
Action: Notice of Responsibility - #20060907

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 05/03/1993
Action: Notice of Responsibility - #1

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 07/28/2003
Action: Staff Letter - #20030728

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 10/08/2002
Action: Staff Letter - #20021008

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 09/14/2005
Action: Staff Letter - #20050914

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 09/06/2006
Action: Staff Letter - #20060906

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 06/08/2006
Action: Staff Letter - #20060608

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 09/10/2003
Action: Staff Letter - #20030910B

Global Id: T0608100658
Action Type: ENFORCEMENT

DUPONT (Continued) **1000925659**

Date: 05/26/2009
Action: Staff Letter - #20090526

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 03/17/2009
Action: Verbal Enforcement

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Staff Letter - #20090714

Global Id: T0608100658
Action Type: Other
Date: 04/24/1987
Action: Leak Reported

Global Id: T0608100658
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100658
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100658
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100658
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100658
Action Type: RESPONSE
Date: 02/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100658
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100658
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100658
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

DUPONT (Continued) **1000925659**

Global Id: T0608100658
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100658
Action Type: RESPONSE
Date: 04/19/2002
Action: Soil and Water Investigation Report

Global Id: T0608100658
Action Type: RESPONSE
Date: 08/11/2003
Action: Soil and Water Investigation Report

Global Id: T0608100658
Action Type: RESPONSE
Date: 10/10/2003
Action: Electronic Reporting Submittal Due

Global Id: T0608100658
Action Type: RESPONSE
Date: 07/07/2006
Action: Soil and Water Investigation Report

Global Id: T0608100658
Action Type: RESPONSE
Date: 08/08/2006
Action: Risk Assessment Report

Global Id: T0608100658
Action Type: RESPONSE
Date: 09/27/2007
Action: Soil and Water Investigation Report

Global Id: T0608100658
Action Type: RESPONSE
Date: 06/30/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100658
Action Type: REMEDIATION
Date: 11/01/2010
Action: Excavation

Global Id: T0608100658
Action Type: REMEDIATION
Date: 05/01/2000
Action: Excavation

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 08/05/2010
Action: Staff Letter - #20100805

Global Id: T0608100658
Action Type: RESPONSE

DUPONT (Continued) **1000925659**

Date: 12/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100658
Action Type: RESPONSE
Date: 04/15/2009
Action: Correspondence

Global Id: T0608100658
Action Type: RESPONSE
Date: 09/25/2009
Action: Other Workplan

Global Id: T0608100658
Action Type: RESPONSE
Date: 03/26/2010
Action: Site Assessment Report

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 02/16/2011
Action: Notification - Fee Title Owners Notice - #20110216

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 02/16/2011
Action: Staff Letter - #20110216

Global Id: T0608100658
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100658
Action Type: RESPONSE
Date: 03/10/2004
Action: Other Report / Document

Global Id: T0608100658
Action Type: ENFORCEMENT
Date: 11/11/2009
Action: Staff Letter - #20091111

LUST:
Global Id: T0608100658
Status: Open - Case Begin Date
Status Date: 04/24/1987

Global Id: T0608100658
Status: Open - Site Assessment
Status Date: 03/01/1999

Global Id: T0608100658
Status: Open - Remediation
Status Date: 10/01/1999

Global Id: T0608100658

DUPONT (Continued) **1000925659**

Status: Open - Verification Monitoring
Status Date: 07/01/2000

Global Id: T0608100658
Status: Open - Site Assessment
Status Date: 09/14/2005

Global Id: T0608100658
Status: Open - Verification Monitoring
Status Date: 10/08/2007

Global Id: T0608100658
Status: Completed - Case Closed
Status Date: 10/06/2011

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Post remedial action monitoring
Case Number: 550117
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 3/1/1999
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 10/1/1999
Date Post Remedial Action Monitoring Began: 7/1/2000

San Mateo Co. BI:
Name: E I DUPONT AUTO SERVICE CENTER
Address: 160 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017794
Prog Element Code: GEN 6-25 TONS HAZ WASTE/YR
Record Id: PR0011537
Description: GEN 6-25 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: E I DUPONT AUTO SERVICE CENTER
Address: 160 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017794
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026218
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

DUPONT (Continued) **1000925659**

Name: E I DUPONT AUTO SERVICE CENTER
Address: 160 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017794
Prog Element Code: STORES HAZ MAT <31999GAL,239999LB, 111999FT^3
Record Id: PR0004208
Description: STORES HAZ MAT <31999GAL,223999LB, 111999CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: SFO AIRPORTER INC
Address: 160 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0051800
Prog Element Code: 2353
Record Id: PR0071798
Description: TANK STOR CAP =>1,320 & <10,000 GAL
Facility Status: Active, billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: SFO AIRPORTER INC
Address: 160 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0051800
Prog Element Code: STORES HAZ MAT <15999GAL, 111999LB, 5599FT^3
Record Id: PR0071795
Description: STORES HAZ MAT <15999GAL, 111999LB, 5599CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: SFO AIRPORTER INC
Address: 160 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0051800
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0071794
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: GRANITE EXCAVATION & DEMOLITION
Address: 160 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0053669
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0074146
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: GRANITE EXCAVATION & DEMOLITION
Address: 160 LINDEN

DUPONT (Continued) **1000925659**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0053669
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0074147
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ELEMENT FIVE
Address: 160 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0054621
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0075316
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PRAXAIR DISTRIBUTIONS, INC
Address: 160 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027588
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0044259
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: DUPONT
Address: 160 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100658
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

DUPONT (Continued) **1000925659**

HIST CORTESE:

edr_fname:	DUPONT
edr_fadd1:	160 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0692

NPDES:

Name:	COMPASS TRANSPORTATION
Address:	160 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	434637
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 41I024053
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/01/2013
Termination Date Of Regulatory Measure:	03/04/2021
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	160 South Linden Avenue
Discharge Name:	Transdev Services
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	434637
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I024053
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported

DUPONT (Continued) **1000925659**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	02/01/2013
Processed Date:	02/01/2013
Status:	Active
Status Date:	02/01/2013
Place Size:	2
Place Size Unit:	Acres
Contact:	Kevin Taylor
Contact Title:	Director of Operations
Contact Phone:	650-246-2770
Contact Phone Ext:	Not reported
Contact Email:	ktaylor@compasstransportation.net
Operator Name:	Transdev Services
Operator Address:	160 South Linden Avenue
Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080
Operator Contact:	Kevin Taylor
Operator Contact Title:	Not reported
Operator Contact Phone:	650-246-2770
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	ktaylor@compasstransportation.net
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay Pacific Ocean
Certifier:	Kevin Taylor
Certifier Title:	Director of Operations
Certification Date:	15-JUN-15
Primary Sic:	4111-Local and Suburban Transit

DUPONT (Continued) **1000925659**

Secondary Sic:	4141-Local Bus Charter Service
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	434637
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I024053
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/01/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Transdev Services
Discharge Address:	160 South Linden Avenue
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported

DUPONT (Continued) **1000925659**

Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	COMPASS TRANSPORTATION
Address:	160 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Agency:	Transdev Services
Agency Address:	160 South Linden Avenue, South San Francisco , CA 94080
Place/Project Type:	Industrial - Local and Suburban Transit
SIC/NAICS:	4111(+)
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I024053
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	02/01/2013
Termination Date:	03/04/2021
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.6429
Longitude:	-122.41419

CERS:

Name:	DUPONT
Address:	160 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	192301

DUPONT (Continued) **1000925659**

CERS ID: T0608100658
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AU400 **WEST COAST AUTOMOTIVE SERVICE CENTER** **LUST** **S113096331**
WSW **160 S LINDEN AVE** **HAZNET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HWP**
0.240 mi. **HWTS**
1268 ft. **Site 3 of 16 in cluster AU**

Relative: **Higher**
Actual: **24 ft.**

SAN MATEO CO. LUST:
Name: DUPONT
Address: 160 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550117
Facility Status: 9- Case Closed
Global ID: T0608100658
APN Number: 014241040
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HAZNET:
Name: JMB CONSTRUCTION
Address: 160 S LINDEN
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Contact: BRANDON MCLOUGHLIN - FOREMAN
Telephone: 4155597639
Mailing Name: Not reported
Mailing Address: 150 EXECUTIVE PARK BLVD STE 4400

Year: 2000
Gepaid: CAL000181670
TSD EPA ID: CAD028409019
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station

WEST COAST AUTOMOTIVE SERVICE CENTER (Continued) **S113096331**

Tons: 0.2

Additional Info:
Year: 2000
Gen EPA ID: CAL000181670

Shipment Date: 20000518
Creation Date: 9/25/2000 0:00:00
Receipt Date: 20000530
Manifest ID: 20042132
Trans EPA ID: CAD981694722
Trans Name: Not reported
Trans 2 EPA ID: CAD982524480
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: Not reported
TSDF Alt EPA ID: CAD028409019
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWP:
EPA ID: CAD009206855
Name: WEST COAST AUTOMOTIVE SERVICE CENTER
Address: 160 S LINDEN AVE
Cleanup Status: CLOSED
Latitude: 37.64251
Longitude: -122.4144
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: Not reported
Senate District: 13
Assembly District: 22
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: 10/18/2017 - Facility submitted Part A application on 11/18/1980 and DSH issued an ISD on 3/6/1981. Then on 6/23/1982 the facility submitted a closure plan which was a approved on 8/16/1983 (see closure verification letter).
Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: RCRA
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 81-85%

WEST COAST AUTOMOTIVE SERVICE CENTER (Continued) **S113096331**

Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Closure:
EPA ID: CAD009206855
Facility Type: Historical - Non-Operating
Facility Name: WEST COAST AUTOMOTIVE SERVICE CENTER
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Clean Closed
Due Date: Not reported
Comments: Not reported
Unit Names: Unit1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 08/16/1983

HWTS:
Name: JMB CONSTRUCTION
Address: 160 S LINDEN
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
EPA ID: CAL000181670
Inactive Date: 06/30/2001
Create Date: 06/11/1998
Last Act Date: 04/19/2002
Mailing Name: Not reported
Mailing Address: 150 EXECUTIVE PARK BLVD STE 4400
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 941343309
Owner Name: MARGARET BURKE
Owner Address: 150 EXECUTIVE PARK BLVD STE 4400
Owner Address 2: Not reported
Owner City,State,Zip: SAN FRANCISCO, CA 941343309
Contact Name: BRANDON MCLOUGHLIN - FOREMAN
Contact Address: 5 MURRAY ST
Contact Address 2: Not reported
City,State,Zip: SAN FRANCISCO, CA 941120000

AU401 **WEST COAST AUTOMOTIVE SERVICE CENTER** **HIST UST** **S112999743**
WSW **160 S LINDEN AVE** **ICE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 4 of 16 in cluster AU**

Relative:
Higher

Actual:
24 ft.

HIST UST:
Name: EI DUPONT DE NEMOURS AND CO
Address: 160 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BE4A
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BE4A.pdf

WEST COAST AUTOMOTIVE SERVICE CENTER (Continued) **S112999743**

Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

ICE:

Envirostor ID:	3001215
Name:	WEST COAST AUTOMOTIVE SERVICE CENTER
Address:	160 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD009206855
Site Type:	INSPECTION
Facility Status:	No Action

Inspection:

Action Type:	Focused Compliance Inspection - Initiative
Action Date:	07/25/2002
Violation Class:	No Violations
RTC Date:	Not reported

AU402 **DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR** **SEMS-ARCHIVE** **1000335044**
WSW **160 S LINDEN AVE** **CORRACTS** **CAD009206855**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **RCRA NonGen / NLR**
0.240 mi.
1268 ft. **Site 5 of 16 in cluster AU**

Relative:
Higher

Actual:
24 ft.

SEMS Archive:

Site ID:	0903899
EPA ID:	CAD009206855
Name:	AUTOMOTIVE SERVICE CENTER
Address:	160 S. LINDEN AVE.
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Cong District:	11
FIPS Code:	06081
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR (Continued) **1000335044**

Region:	09
Site ID:	0903899
EPA ID:	CAD009206855
Site Name:	AUTOMOTIVE SERVICE CENTER
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0903899
EPA ID:	CAD009206855
Site Name:	AUTOMOTIVE SERVICE CENTER
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	2
Start Date:	Not reported
Finish Date:	2013-11-08 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0903899
EPA ID:	CAD009206855
Site Name:	AUTOMOTIVE SERVICE CENTER
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1991-09-24 04:00:00
Qual:	D
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0903899
EPA ID:	CAD009206855
Site Name:	AUTOMOTIVE SERVICE CENTER
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1991-05-21 04:00:00
Finish Date:	1991-05-21 04:00:00

DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR (Continued) **1000335044**

Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0903899
EPA ID: CAD009206855
Site Name: AUTOMOTIVE SERVICE CENTER
NPL: N
FF: N
OU: 00
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Date: 2003-07-01 04:00:00
Finish Date: 2004-09-23 04:00:00
Qual: N
Current Action Lead: St Perf

CORRACTS:
Name: DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR
Address: 160 S LINDEN AVE
Address 2: Not reported
EPA ID: CAD009206855
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-MEDIUM CA PRIORITY
Actual Date: 19910919
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA NonGen / NLR:
Date Form Received by Agency: 20001109
Handler Name: DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR
Handler Address: 160 S LINDEN AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAD009206855
Contact Name: GENE RUSSELL
Contact Address: 6004 BRIDGEHEAD RD
Contact City,State,Zip: OAKLEY, CA 94561
Contact Telephone: 925-776-1177
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Other
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 160 S LINDEN AVE
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR (Continued) **1000335044**

Owner Name:	EI DU PONT DE NEMOURS & COMPANY INC.
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021029
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR (Continued) **1000335044**

Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EI DU PONT DE NEMOURS & COMPANY INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1007 MARKET STREET
Owner/Operator City,State,Zip: WILMINGTON, DE 19898
Owner/Operator Telephone: 302-774-3891
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EI DU PONT DE NEMOURS & COMPANY INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1007 MARKET STREET
Owner/Operator City,State,Zip: CITY NOT REPORTED, DE 99999
Owner/Operator Telephone: 302-774-3891
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001109
Handler Name: DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR (Continued) **1000335044**

Receive Date: 19940222
Handler Name: DU PONT/KANSAI-AUTOMOTIVE COATINGS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960214
Handler Name: DU PONT - KANSAI
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: DUPONT/KANSAI
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: DUPONT/KANSAI
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32551
NAICS Description: PAINT AND COATING MANUFACTURING

DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR (Continued) **1000335044**

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19860312
Actual Return to Compliance Date:	19910312
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

DUPONT/ KANSAI AUTOMOTIVE SERVICE CTR (Continued) **1000335044**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20020725
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19860312
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910312
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

AU403 **WEST COAST AUTOMOTIVE SERVICE CENTER** **ENVIROSTOR** **S100948238**
WSW **160 S LINDEN AVE** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 6 of 16 in cluster AU**

Relative:
Higher

Actual:
24 ft.

ENVIROSTOR:

Name:	WEST COAST AUTOMOTIVE SERVICE CENTER
Address:	160 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Facility ID:	80001622
Status:	Inactive - Needs Evaluation
Status Date:	03/30/2011
Site Code:	Not reported
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.64251
Longitude:	-122.4144
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD009206855
Alias Type:	EPA Identification Number
Alias Name:	80001622
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	09/19/1991
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	03/31/2004
Comments:	No action under CERCLA, but ongoing work needed to address contamination.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported

WEST COAST AUTOMOTIVE SERVICE CENTER (Continued) **S100948238**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:
Name: WEST COAST AUTOMOTIVE SERVICE CENTER
Address: 160 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Site ID: 261012
CERS ID: CAD009206855
CERS Description: Hazardous Waste

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-25-2002
Violations Found: No
Eval Type: DTSC Focused Compliance Inspection
Eval Notes: Focused Compliance Inspection - Initiative
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

AU404 **E I DUPONT AUTO SERVICE CENTER** **CA FID UST** **S101593810**
WSW **160 S LINDEN AVE** **N/A**
1/8-1/4 **SO. SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 7 of 16 in cluster AU**

Relative:
Higher

Actual:
24 ft.

CA FID UST:
Facility ID: 41000627
Regulated By: UTNKA
Regulated ID: CAD009206
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155881812
Mail To: Not reported
Mailing Address: 160 S LINDEN AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SO. SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

AU405 **E.I. DUPONT DE NEMOURS** **HIST Cal-Sites** **S100714698**
WSW **160 SOUTH LINDEN AVENUE** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 8 of 16 in cluster AU**

Relative:
Higher

Actual:
24 ft.

Calsite:

Name:	E.I. DUPONT DE NEMOURS
Address:	160 SOUTH LINDEN AVENUE
City:	S SAN FRANCISCO
Region:	BERKELEY
Facility ID:	41280049
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	01011983
Status:	CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name:	CERTIFIED
Lead Agency:	N/A
NPL:	Not reported
SIC Code:	28
SIC Name:	MANU - CHEMICALS & ALLIED PRODUCTS
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
Staff Member Responsible for Site:	GWHITE
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	Not reported
Region Water Control Board Name:	Not reported
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	19
State Senate District Code:	08
Facility ID:	41280049
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08011980
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported

E.I. DUPONT DE NEMOURS (Continued) **S100714698**

For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	41280049
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01011983
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	160 SOUTH LINDEN AVENUE
Alternate City,St,Zip:	S SAN FRANCISCO, CA 94080
Background Info:	The Site is located in an industrial area. There is a one-story building and a warehouse on the Site, which is used for automotive storage. A portion of the Site is leased to a wood pallet company and another portion is used for storage of inactive AT&T vehicles. From 1935 to 2000, DuPont de Nemours (DuPont) owned the Site. DuPont manufactured automotive paints and varnishes until 1982, and warehoused and distributed their products until 1990. Deerfield Realty Corporation acquired the Site in September 2000 and plans to develop it as a Class A office park.
Comments Date:	08011980
Comments:	independent of drive-by; same address as Koningsberg
Comments Date:	08011980
Comments:	Electronics, Inc, (#41360066).
Comments Date:	11212002
Comments:	Completed Site Screening. In 1991, soil samples were collected
Comments Date:	01011983
Comments:	Certified Site. 1600 tons of hazardous waste was removed. No
Comments Date:	01011983
Comments:	month and day information was available. January 1 chosen
Comments Date:	01011983
Comments:	because it gives the earliest statute of limitations date.
Comments Date:	01161981
Comments:	Facility drive-by: No evidence of waste.
Comments Date:	01181981
Comments:	Recommend NFA based on Drive-by.
Comments Date:	08011980

E.I. DUPONT DE NEMOURS (Continued) **S100714698**

Comments:	Site Discovery. Facility was identified as an active site
Comments Date:	11212002
Comments:	and analyzed for volatile organic compounds, semi-volatile
Comments Date:	11212002
Comments:	organic compounds, total petroleum hydrocarbons and some metals.
Comments Date:	11212002
Comments:	The results indicated that lead, toluene, xylene and benzene
Comments Date:	11212002
Comments:	were detected in soil at concentrations that exceeded industrial
Comments Date:	11212002
Comments:	screening levels. In 2000, hot spot soil removal was conducted
Comments Date:	11212002
Comments:	in three areas on the property. Contaminated soil was excavated
Comments Date:	11212002
Comments:	to industrial standards and disposed at an appropriate facility.
Comments Date:	11212002
Comments:	Confirmation samples were collected from the excavated areas
Comments Date:	11212002
Comments:	and arsenic was detected at concentrations ranging from 1.2 to
Comments Date:	11212002
Comments:	20 ppm and concentrations of lead remaining in the soil were
Comments Date:	11212002
Comments:	between 2.1 and 762 ppm. The San Mateo County Health Services
Comments Date:	11212002
Comments:	Agency (SMCHSA), the lead agency for the Site, issued a no
Comments Date:	11212002
Comments:	further action letter with respect to the contaminated soil.
Comments Date:	11212002
Comments:	The groundwater contaminants detected during the Phase 1 ESA
Comments Date:	11212002
Comments:	included TPH as gasoline, benzene, toluene and xylene. After
Comments Date:	11212002
Comments:	the underground storage tank (believed to be the groundwater
Comments Date:	11212002
Comments:	contamination source) was removed, four monitoring wells were
Comments Date:	11212002
Comments:	installed. SMCHSA is currently overseeing quarterly groundwater
Comments Date:	11212002
Comments:	monitoring at the Site.
ID Name:	CALSTARS CODE
ID Value:	200394
Alternate Name:	DUPONT DE NEMOURS & COMPANY
Alternate Name:	E.I. DUPONT DE NEMOURS
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

AU406 **SFO AIRPORTER INC** **AST** **A100424398**
WSW **160 S LINDEN AVE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 9 of 16 in cluster AU**

Relative: AST:
Higher

Name:	SFO AIRPORTER INC
Address:	160 S LINDEN AVE
City/Zip:	SOUTH SAN FRANCISCO,94080
Certified Unified Program Agencies:	Not reported

Actual:
24 ft.

SFO AIRPORTER INC (Continued) **A100424398**

Owner:	SFO AIRPORTER INC
Total Gallons:	Not reported
CERSID:	10342027
Facility ID:	Not reported
Business Name:	SFO AIRPORTER INC
Phone:	6502462775
Fax:	6502462778
Mailing Address:	160 S LINDEN AVE
Mailing Address City:	SOUTH SAN FRANCISCO
Mailing Address State:	CA
Mailing Address Zip Code:	94080
Operator Name:	SFO Airporter
Operator Phone:	6502462770
Owner Phone:	6502462775
Owner Mail Address:	160 S LINDEN AVE 300
Owner State:	CA
Owner Zip Code:	94080
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	cal000374091

AU407 **SFO AIRPORTER INC** **CERS HAZ WASTE** **S121746754**
WSW **160 S LINDEN AVE** **CERS TANKS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.240 mi.
1268 ft. **Site 10 of 16 in cluster AU**

Relative:
Higher

Actual:
24 ft.

CERS HAZ WASTE:

Name:	SFO AIRPORTER INC
Address:	160 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	152691
CERS ID:	10342027
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	SFO AIRPORTER INC
Address:	160 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	152691
CERS ID:	10342027
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	SFO AIRPORTER INC
Address:	160 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	152691
CERS ID:	10342027
CERS Description:	Chemical Storage Facilities

SFO AIRPORTER INC (Continued) **S121746754**

Violations:

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	12-08-2017
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes:	Returned to compliance on 08/08/2018. The latest SPCC plan was executed on 9/2/1017. The 5 year review is overdue. Please complete the 5 year review within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	04-13-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/11/2018. There were numerous 55 gallon drums either had illegible labels or the paper and metal oil filter drums were incorrectly labeled (paper filter drums need the hazardous waste labels, while the metal filter drums only need the simplified Oil Filter labels). All containers/ drums holding hazardous waste need to have complete hazardous waste label affixed to it. Unless the facility can ensure the content of such container is emptied on a daily basis, in such case, a hazardous waste label marked "Empty Daily" is sufficient. Please correct the issue ASAP.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	10-17-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 11/15/2019. The only manifest available for review was the paper filter disposal on 9/3/2019. Contact World Oil to obtain manifest for 2018 and 2019 (facility has used oil waste antifreeze disposal receipts for review) within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

SFO AIRPORTER INC (Continued) **S121746754**

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	09-23-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date.
Violation Notes:	Label the used oil tank with hazardous waste label within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	04-13-2018
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 05/11/2018. There was severe evidence of used oil dripping around the used oil tank. House keeping in the waste storage area must be maintained daily to avoid the hazardous waste leaving the site and negatively impacting the environment.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	10-17-2019
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 11/15/2019. The secondary containment for the 55 gallon drum holding diesel hose dripping is full of liquid. Pump out the liquid and keep the secondary containment dry at all time. It is designed to hold accidental discharge from the drum but not unidentified liquid. This is a repeat violation. Correct the violation within 30 days. Also there are bus parts that scattered across the yard especially near the swale. Cover or remove items that could cause liquid draining to the storm drain during a rain event.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	10-17-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

SFO AIRPORTER INC (Continued) **S121746754**

Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 11/15/2019. The hazardous waste label for the used oil tank is posted on the wall while the used oil tank itself had no hazardous waste label affixed to it. Facility can leave the label on the wall but the used oil tank itself must have a hazardous waste label affixed to it as soon as possible but no later than 30 days. The 55 gallon drum holding the above ground diesel hose dripping needs to be labeled with hazardous waste label. Label the drum within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	12-08-2017
Citation:	HSC 6.5 25160(b)(1)(C) - California Health and Safety Code, Chapter 6.5, Section(s) 25160(b)(1)(C)
Violation Description:	Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes:	Returned to compliance on 04/13/2018. Send 2017 manifest to DTSC.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	09-23-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Every container containing hazardous waste needs to be labeled with hazardous waste labels; which include the above tank used to store used oil, the 55 gallon drum storing waste absorbent, the one 55 gallon drum by the above ground diesel tank, the two 55 gallon drums storing used oil. Please place the hazardous waste labels on all the containers and tank within 30 days. When you obtain 55 gallon drums for the used filters and waste antifreeze, please remember to label them as well. One of the 55 gallon used oil drum was marked Empty , but in reality it is not. Only label a drum that is truly empty empty because such mislabeling may cause confusion for the first responder if for some reason they need to be called upon. Any container that is marked empty daily has to be empty on a daily basis. The 55 gallon drum sitting next to the diesel tank needs to be closed with bung when not in use or you have the option to use the same drum or a smaller container for [Truncated]
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

SFO AIRPORTER INC (Continued) **S121746754**

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	12-08-2017
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 05/11/2018. The secondary containment where a 55 gallon drum is intended for the diesel fueling hose to be kept is almost full. Please empty the content in the secondary containment within 30 day.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	09-23-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards.
Violation Notes:	Facility needs to conduct monthly Above ground storage tank inspection. All the containers containing petroleum product also need to be inspected.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	12-08-2017
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/13/2018. Obtain 2016 signed manifests: 015640176JJK and 015640175 JJK within 30 days. Obtain 2017 signed manifest: 016869483 JJK within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	09-23-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

SFO AIRPORTER INC (Continued) **S121746754**

Violation Notes:	Facility should have re-certify or submit a updated HMBP in January of 2020. Please submit a HMBP within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	04-13-2018
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Release/Leaks/Spills - General
Violation Notes:	Returned to compliance on 05/11/2018. Evidence of spill and leak was evident from the used oil tank. Daily house keeping is necessary.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	12-08-2017
Citation:	HSC 6.5 25123.3(h)(2) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(2)
Violation Description:	Failure to determine the status of any hazardous waste if a signed copy of the manifest isn t received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isn t received within 60 days of the date the waste was accepted by the initial transporter.
Violation Notes:	Returned to compliance on 04/13/2018. Submit an exception report to DTSC for manifests 016869483 JJK, 015640176 JJK and 015640175 JJK.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	10-17-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 11/15/2019. Facility conducts training pursuant to the Storm Water Pollution Prevention Plan. This training covers some of the elements for the hazardous waste program, however, it is not complete and it does not covered the training elements for the Hazardous Materials Business Plan. Conduct and document employee training within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	152691
Site Name:	SFO AIRPORTER INC
Violation Date:	04-13-2018

SFO AIRPORTER INC (Continued) **S121746754**

Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 05/11/2018. There were numerous 55 gallons drums containing used oil, oil filters either did not have any lids securely fastened or without bung. The definition of a Closed container is the content of the container will not spilled out if the container is tipped over. Please close all containers ASAP.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 152691
Site Name: SFO AIRPORTER INC
Violation Date: 12-08-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/11/2018.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-12-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-01-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

SFO AIRPORTER INC (Continued) **S121746754**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-11-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-22-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-22-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility moved out the location in April this year but found the location unsuitable. Facility moved the operation back to this location in June of 2020. Please contact the County if the facility is to move out again so that a closure inspection can be properly conducted. Waste generated at the facility: Used oil in a AST as well as two 55 gallon drums (temporary collection from draining the used oil underneath the vehicles) Used Antifreeze: At the time of inspection there is no container for this waste due to the facility moving back to the location and had no need for a container yet. Facility is expected to move out of this location again at the end of the year. Waste absorbent kept in a 55 poly tank in the yard Waste filters: at the time of inspection, there is no container for this waste yet.
Eval Division: San Mateo County Environmental Health

SFO AIRPORTER INC (Continued) **S121746754**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-22-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The latest HMBP was submitted on 1/9/2019 via San Mateo County Portal. Facility has new fleet manager and needs access to the portal.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: Waste absorbent, Used oil, filters, waste antifreeze clarifier waste (pumped out twice a year) 55 gallon diesel tank that hold dripping from the fuel hose for the above ground diesel tank.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-18-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 55 gallon drum holding diesel fuel has been emptied.

SFO AIRPORTER INC (Continued) **S121746754**

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-22-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-21-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-16-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

SFO AIRPORTER INC (Continued) **S121746754**

Eval General Type: Other/Unknown
Eval Date: 10-24-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Kevin Taylor: (650) 246- 2770 ktaylor@compasstransportation.net Last HMBP submitted in 2/2017.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-22-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: labels
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-22-2015

SFO AIRPORTER INC (Continued) **S121746754**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-12-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-12-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-04-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-26-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

SFO AIRPORTER INC (Continued) **S121746754**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-22-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	The latest SPCC Plan is dated 12/12/2017 Facility has one Diesel AST in the yard.
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-16-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-25-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-09-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-13-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The follow up inspection was conducted on 4/12/2018. The Exception Report has yet been filed with DTSC. Facility has obtained the signed copy of the manifest that were not on file during the 12/2017

SFO AIRPORTER INC (Continued) **S121746754**

inspection. The content of the 2nd containment was emptied, but there was accumulation of water again, most likely from the rain. During the follow up inspection, additional violations were noted and need to be corrected ASAP.

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-15-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-20-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-05-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-20-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-16-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-17-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency

SFO AIRPORTER INC (Continued) **S121746754**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-17-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP submitted on 1/9/2019 via san mateo county portal.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-08-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Kevin Taylor: (650) 246- 2770 ktaylor@compasstransportation.net
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-08-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Kevin Taylor: (650) 246- 2770 ktaylor@compasstransportation.net Waste generated at the facility: used oil, waste antifreeze, absorbent sock, absorbent, metal filters, paper filters, contaminated diesel.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-22-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-22-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

SFO AIRPORTER INC (Continued) **S121746754**

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 152691
Facility Name: SFO AIRPORTER INC
Env Int Type Code: HMBP
Program ID: 10342027
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.642570
Longitude: -122.414890

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: Mike Olson
Entity Title: Not reported
Affiliation Address: 720 East Butterfield rd
Affiliation City: Lomard
Affiliation State: IL
Affiliation Country: Not reported
Affiliation Zip: 60148
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 160 S LINDEN AVE
Affiliation City: S SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: SFO AIRPORTER INC

SFO AIRPORTER INC (Continued) **S121746754**

Entity Title:	Not reported
Affiliation Address:	160 S LINDEN AVE 300
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 246-2725,
Affiliation Type Desc:	Operator
Entity Name:	SFO AIRPORTER INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 246-2725,
Affiliation Type Desc:	Parent Corporation
Entity Name:	SFO AIRPORTER INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AU408 **DC3 THERAPEUTICS LLC** **RCRA NonGen / NLR** **1024850730**
WSW **160 S LINDEN AVE STE 130** **CAL000408582**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 11 of 16 in cluster AU**

Relative: **Higher**
Actual: **24 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150717
Handler Name:	DC3 THERAPEUTICS LLC	
Handler Address:		160 S LINDEN AVE STE 130
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAL000408582
Contact Name:		JONATHAN WRAY
Contact Address:		160 S LINDEN AVE STE 130
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-594-9306
Contact Fax:		650-449-1372
Contact Email:		JON@DC3THERAPEUTICS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		160 S LINDEN AVE STE 130

DC3 THERAPEUTICS LLC (Continued) **1024850730**

Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	DC3 THERAPEUTICS LLC
Owner Type:	Other
Operator Name:	JONATHAN WRAY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

DC3 THERAPEUTICS LLC (Continued) **1024850730**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: JONATHAN WRAY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 160 S LINDEN AVE STE 130
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 415-594-9306
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DC3 THERAPEUTICS LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6601 3RD ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94124
Owner/Operator Telephone: 650-219-3247
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20150717
Handler Name: DC3 THERAPEUTICS LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AU409 **GRANITE EXCAVATION & DEMOLITION INC** **RCRA NonGen / NLR** **1025868787**
WSW **160 S LINDEN AVE STE 100** **CAL000385009**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 12 of 16 in cluster AU**

Relative: **Higher**

Actual: **24 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20130429
Handler Name:	GRANITE EXCAVATION & DEMOLITION INC
Handler Address:	160 S LINDEN AVE STE 100
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6435
EPA ID:	CAL000385009
Contact Name:	ERWIN O TOOLE
Contact Address:	160 SOUTH LINDEN AVE SUITE 100
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-737-8700
Contact Fax:	650-737-8704
Contact Email:	ERWIN@GRANITESF.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	160 S LINDEN AVE STE 100
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6435
Owner Name:	GRANITE EXCAVATION & DEMOLITION INC
Owner Type:	Other
Operator Name:	ERWIN O TOOLE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

GRANITE EXCAVATION & DEMOLITION INC (Continued) **1025868787**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERWIN O TOOLE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	160 SOUTH LINDEN AVE SUITE 100
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-737-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GRANITE EXCAVATION & DEMOLITION INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	160 S LINDEN AVE STE 100
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6435
Owner/Operator Telephone:	650-737-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GRANITE EXCAVATION & DEMOLITION INC (Continued) **1025868787**

Historic Generators:
Receive Date: 20130429
Handler Name: GRANITE EXCAVATION & DEMOLITION INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 23499
NAICS Description: ALL OTHER HEAVY CONSTRUCTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AU410 **E.I. DUPONT DE NEMOURS & CO.** **HIST UST** **U001594756**
WSW **160 S LINDEN AVE** **NPDES** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.240 mi.
1268 ft. **Site 13 of 16 in cluster AU**

Relative:
Higher

Actual:
24 ft.

HIST UST:
Name: E.I. DUPONT DE NEMOURS & CO.
Address: 160 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000063422
Facility Type: Other
Other Type: CLOSED PAINT PLANT
Contact Name: ROGERS J. OLIVERA
Telephone: 4157820213
Owner Name: E.I. DUPONT DE NEMOURS & CO.
Owner Address: 1007 MARKET STREET
Owner City,St,Zip: WILMINGTON, DE 19898
Total Tanks: 0006

Tank Num: 001
Container Num: 1
Year Installed: 1977
Tank Capacity: 00001150
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Not reported

E.I. DUPONT DE NEMOURS & CO. (Continued) **U001594756**

Tank Num: 002
Container Num: 2
Year Installed: 1982
Tank Capacity: 00000700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Not reported

Tank Num: 003
Container Num: 3
Year Installed: 1977
Tank Capacity: 00000600
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Not reported

Tank Num: 004
Container Num: 4
Year Installed: 1977
Tank Capacity: 00000120
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Not reported

Tank Num: 005
Container Num: 5
Year Installed: 1977
Tank Capacity: 00000200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

Tank Num: 006
Container Num: 8
Year Installed: 1979
Tank Capacity: 00000200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

NPDES:
Name: LINDEN STATION
Address: 160 SOUTH LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 41W000433

E.I. DUPONT DE NEMOURS & CO. (Continued) **U001594756**

Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	11/30/2011
Operator Name:	Linden Station LLC
Operator Address:	160 South Linden Avenue
Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080

CERS:

Name:	PRAXAIR INC
Address:	160 SO LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	487869
CERS ID:	110041168517
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	DUPONT KANSAI
Address:	160 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6419
Site ID:	465319
CERS ID:	110000782181
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	GENE RUSSELL
Entity Title:	Not reported
Affiliation Address:	6004 BRIDGEHEAD ROAD
Affiliation City:	OAKLEY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AU411 **SFO AIRPORTER INC DBA COMPASS TRANSPORATTION** **RCRA NonGen / NLR** **1024834088**
WSW **160 S LINDEN AVE STE 300** **CAL000374091**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 14 of 16 in cluster AU**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20120427
Handler Name:	SFO AIRPORTER INC DBA COMPASS TRANSPORATTION
Handler Address:	160 S LINDEN AVE STE 300
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6419
EPA ID:	CAL000374091

SFO AIRPORTER INC DBA COMPASS TRANSPORATTION (Continued) **1024834088**

Contact Name:	KEVIN TAYLOR
Contact Address:	160 S LINDEN AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-246-2770
Contact Fax:	650-246-2778
Contact Email:	KTAYLOR@COMPASSTRANSPORTATION.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	160 S LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6419
Owner Name:	SFO AIRPORTER INC
Owner Type:	Other
Operator Name:	KEVIN TAYLOR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

SFO AIRPORTER INC DBA COMPASS TRANSPORATTION (Continued) **1024834088**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEVIN TAYLOR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	160 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-246-2770
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SFO AIRPORTER INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	160 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6419
Owner/Operator Telephone:	650-246-2775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20120427
Handler Name:	SFO AIRPORTER INC DBA COMPASS TRANSPORATTION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SFO AIRPORTER INC DBA COMPASS TRANSPORATTION (Continued) **1024834088**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48849
NAICS Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AU412 **E I DUPONT DE NEMONES + CO** **SWEEPS UST** **1000339669**
WSW **160 S LINDEN AVE** **HIST UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 15 of 16 in cluster AU**

Relative:
Higher

Actual:
24 ft.

SWEEPS UST:
Name: E I DUPONT AUTO SERVICE CENTER/C/E NEMOURS & CO., INC.
Address: 160 S LINDEN AVE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550146
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550146-000001
Tank Status: A
Capacity: 10000
Active Date: 02-18-93
Tank Use: PETROLEUM
STG: P
Content: GASOHOL
Number Of Tanks: 4

Name: E I DUPONT AUTO SERVICE CENTER/C/E NEMOURS & CO., INC.
Address: 160 S LINDEN AVE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550146
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550146-000002
Tank Status: A

E I DUPONT DE NEMONES + CO (Continued) **1000339669**

Capacity: 10000
Active Date: 02-18-93
Tank Use: PETROLEUM
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Name: E I DUPONT AUTO SERVICE CENTER/C/E NEMOURS & CO., INC.
Address: 160 S LINDEN AVE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550146
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550146-000003
Tank Status: A
Capacity: 10000
Active Date: 02-18-93
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: E I DUPONT AUTO SERVICE CENTER/C/E NEMOURS & CO., INC.
Address: 160 S LINDEN AVE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550146
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550146-000004
Tank Status: A
Capacity: 10000
Active Date: 02-18-93
Tank Use: EMPTY
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: E I DUPONT DE NEMONES + CO
Address: 160 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BE45
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BE45.pdf
Region: STATE
Facility ID: 00000016634
Facility Type: Other
Other Type: CLOSED PAINT PLANT

E I DUPONT DE NEMONES + CO (Continued) **1000339669**

Contact Name:	ROGERS. J. OLIVERA
Telephone:	4157820213
Owner Name:	E. I. DUPONT DE NEMDUES + CO.
Owner Address:	1007 MARKET STREET
Owner City,St,Zip:	WILMINGTON, DE 19898
Total Tanks:	0013
Tank Num:	001
Container Num:	6
Year Installed:	1977
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4"
Leak Detection:	None
Tank Num:	002
Container Num:	7
Year Installed:	1961
Tank Capacity:	00000720
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual
Tank Num:	003
Container Num:	9
Year Installed:	1977
Tank Capacity:	00000735
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	4
Leak Detection:	Not reported
Tank Num:	004
Container Num:	10
Year Installed:	1979
Tank Capacity:	00000650
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	10
Leak Detection:	None
Tank Num:	005
Container Num:	11
Year Installed:	1979
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	None
Tank Num:	006
Container Num:	12
Year Installed:	1962
Tank Capacity:	00001000
Tank Used for:	WASTE

E I DUPONT DE NEMONES + CO (Continued) **1000339669**

Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Not reported

Tank Num: 007
Container Num: 13
Year Installed: 1973
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: None

Tank Num: 008
Container Num: 14
Year Installed: 1973
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: None

Tank Num: 009
Container Num: 15
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 010
Container Num: 16
Year Installed: 1962
Tank Capacity: 00000750
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

Tank Num: 011
Container Num: 17
Year Installed: 1958
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/2
Leak Detection: 10

Tank Num: 012
Container Num: 18
Year Installed: 1935
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

E I DUPONT DE NEMONES + CO (Continued) **1000339669**

Tank Num:	013
Container Num:	19
Year Installed:	1979
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

AU413 **ACCURATE PRINTING** **RCRA NonGen / NLR** **1024872214**
WSW **160 S LINDEN AVE #129** **CAL000440861**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 16 of 16 in cluster AU**

Relative: **Higher**
Actual: **24 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20181119
Handler Name:	ACCURATE PRINTING	
Handler Address:		160 S LINDEN AVE #129
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAL000440861
Contact Name:		AGNES SXETO
Contact Address:		160 S LINDEN AVE #129
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		415-243-3998
Contact Fax:		Not reported
Contact Email:		AGNES@UNION-PRINTING.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		160 S LINDEN AVE #129
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		JOSEPH SETO
Owner Type:		Other
Operator Name:		AGNES SXETO
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No

ACCURATE PRINTING (Continued) **1024872214**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AGNES SXETO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	160 S LINDEN AVE #129
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-243-3998
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ACCURATE PRINTING (Continued) **1024872214**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOSEPH SETO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	160 S LINDEN AVE #129
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	415-243-3998
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181119
Handler Name: ACCURATE PRINTING	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AN414 **EVENT MANAGEMENTS** **San Mateo Co. BI** **S117398338**
NE **277 WATTIS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.240 mi.
1268 ft. **Site 4 of 8 in cluster AN**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:

Name:	EVENT MANAGEMENTS
Address:	277 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0029676
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0050730
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AN415 **CLARKLIFT OF SAN FRANCISCO** **RCRA-SQG** **1000363673**
NE **277 WATTIS WAY** **HIST UST** **CAD060139847**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **FINDS**
0.240 mi. **ECHO**
1268 ft. **Site 5 of 8 in cluster AN** **HAZNET**
HWTS

Relative:
Higher

Actual:
21 ft.

RCRA-SQG:

Date Form Received by Agency:	19960901
Handler Name:	CLARKLIFT OF SAN FRANCISCO
Handler Address:	277 WATTIS WAY
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD060139847
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	PO BOX 32060
Mailing City,State,Zip:	SAN JOSE, CA 95152
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHOW ED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Historic Generators:
Receive Date: 19960901
Handler Name: CLARKLIFT OF SAN FRANCISCO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860819
Handler Name: CLARKLIFT OF SAN FRANCISCO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HIST UST:
Name: CLARKLIFT OF SAN FRANCISCO
Address: 277 WATTIS WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BD96
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BD96.pdf
Region: STATE
Facility ID: 00000038051
Facility Type: Other
Other Type: FORKLIFT REPAIR
Contact Name: Not reported
Telephone: 4158714330
Owner Name: CLARKLIFT OF SAN JOSE, INC.
Owner Address: 875 MABURY RD.
Owner City,St,Zip: SAN JOSE, CA 95133
Total Tanks: 0001

Tank Num: 001

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

FINDS:
Registry ID: 110002652567

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000363673
Registry ID: 110002652567
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002652567
Name: CLARKLIFT OF SAN FRANCISCO
Address: 277 WATTIS WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

HAZNET:
Name: CLARKLIFT OF SAN FRANCISCO
Address: 277 WATTIS WAY
Address 2: Not reported
City,State,Zip: SO SAN FRANCISCO, CA 940800000
Contact: INACTIVE PER MOVE 11-16-94 PER
Telephone: --
Mailing Name: Not reported
Mailing Address: PO BOX 32060

Year: 1999
Gepaid: CAD060139847
TSD EPA ID: CAD059494310
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station
Tons: 0.25

Year: 1998
Gepaid: CAD060139847
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 5.32

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Year:	1998
Gepaid:	CAD060139847
TSD EPA ID:	CAD059494310
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	D99 - Disposal, Other
Tons:	0.25

Year:	1997
Gepaid:	CAD060139847
TSD EPA ID:	CAD980887418
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	5.32

Year:	1997
Gepaid:	CAD060139847
TSD EPA ID:	CAD059494310
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	D99 - Disposal, Other
Tons:	0.25

Year:	1996
Gepaid:	CAD060139847
TSD EPA ID:	CAD980887418
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	12.16

Year:	1995
Gepaid:	CAD060139847
TSD EPA ID:	CAD059494310
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	D99 - Disposal, Other
Tons:	0.225

Year:	1995
Gepaid:	CAD060139847
TSD EPA ID:	CAD980887418
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	5.7

Year:	1994
Gepaid:	CAD060139847
TSD EPA ID:	CAD083166728
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	1.4594

Year:	1994
Gepaid:	CAD060139847
TSD EPA ID:	CAD980887418
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	2.28

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Click this hyperlink while viewing on your computer to access
8 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1994
Gen EPA ID:	CAD060139847
Shipment Date:	19940822
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940822
Manifest ID:	93123517
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.28
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940503
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940504
Manifest ID:	93393950
Trans EPA ID:	CAD982417255
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD083166728
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.7297
Waste Quantity:	175
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940203

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940203
Manifest ID:	93393650
Trans EPA ID:	CAD982417255
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD083166728
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD083166728
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.7297
Waste Quantity:	175
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD060139847
Shipment Date:	19931104
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931101
Manifest ID:	93199791
Trans EPA ID:	CAD982417255
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD083166728
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD083166728
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5254
Waste Quantity:	126
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930624
Creation Date:	9/8/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	89637250
Trans EPA ID:	CAD980695340
Trans Name:	Not reported

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980695340
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.5421
Waste Quantity:	130
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930511
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930512
Manifest ID:	93275236
Trans EPA ID:	CAD982417255
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD083166728
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4503
Waste Quantity:	108
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930409
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930409
Manifest ID:	92008646
Trans EPA ID:	CAL000027759
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000048571
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Quantity Tons:	1.33
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930301
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930302
Manifest ID:	92690624
Trans EPA ID:	CAD982417255
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD083166728
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD083166728
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD060139847
Shipment Date:	19970519
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970519
Manifest ID:	96617945
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.32
Waste Quantity:	1400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970414
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970418
Manifest ID:	96610393
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000027730
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD060139847
Shipment Date:	19981028
Creation Date:	1/21/1999 0:00:00
Receipt Date:	19981109
Manifest ID:	98268975
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980617

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Creation Date:	9/3/1998 0:00:00
Receipt Date:	19980617
Manifest ID:	97284303
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.32
Waste Quantity:	1400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD060139847
Shipment Date:	19950606
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950606
Manifest ID:	95334724
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.7
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950331
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950417
Manifest ID:	95332521
Trans EPA ID:	CAD980695761
Trans Name:	Not reported

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Trans 2 EPA ID:	TXD988052494
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD060139847
Shipment Date:	19991102
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991217
Manifest ID:	99471680
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD060139847
Shipment Date:	19960607
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960607
Manifest ID:	96238723
Trans EPA ID:	CAD982413262
Trans Name:	Not reported

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.32
Waste Quantity:	1400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960208
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960208
Manifest ID:	95859959
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.84
Waste Quantity:	1800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CLARKLIFT OF SAN FRANCISCO
Address:	277 WATTIS WAY
Address 2:	Not reported
City,State,Zip:	SO SAN FRANCISCO, CA 940800000
EPA ID:	CAD060139847
Inactive Date:	06/30/2000
Create Date:	04/10/1987
Last Act Date:	09/14/2004
Mailing Name:	Not reported
Mailing Address:	PO BOX 32060
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN JOSE, CA 951520000
Owner Name:	--
Owner Address:	--

CLARKLIFT OF SAN FRANCISCO (Continued) **1000363673**

Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	INACTIVE PER MOVE 11-16-94 PER
Contact Address:	INACTIVE PER VQ00 - BMI
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

AN416 **ROY BRIZIO STREET RODS** **San Mateo Co. BI** **S117397322**
NE **263 WATTIS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.241 mi.
1272 ft. **Site 6 of 8 in cluster AN**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	ROY BRIZIO STREET RODS
Address:	263 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0003587
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011610
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	ROY BRIZIO STREET RODS
Address:	263 WATTIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0003587
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004341
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AI417 **ROROS AUTO REPAIR INC** **RCRA NonGen / NLR** **1026055296**
SW **1212 MONTGOMERY AVE** **CAL000451477**
1/8-1/4 **SAN BRUNO, CA 94066**
0.241 mi.
1272 ft. **Site 18 of 31 in cluster AI**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20191219
Handler Name:	ROROS AUTO REPAIR INC	
Handler Address:		1212 MONTGOMERY AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAL000451477
Contact Name:		HENRY CHENG
Contact Address:		1212 MONTGOMERY AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		650-871-0681
Contact Fax:		650-636-4577
Contact Email:		INFO@ROROSAUTO.COM
Contact Title:		Not reported
EPA Region:		09

ROROS AUTO REPAIR INC (Continued) **1026055296**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1212 MONTGOMERY AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066
Owner Name:	ROROS AUTO REPAIR INC
Owner Type:	Other
Operator Name:	HENRY CHENG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

ROROS AUTO REPAIR INC (Continued) **1026055296**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HENRY CHENG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1212 MONTGOMERY AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-871-0681
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROROS AUTO REPAIR INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1212 MONTGOMERY AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-871-0681
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191219
Handler Name: ROROS AUTO REPAIR INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

ROROS AUTO REPAIR INC (Continued) **1026055296**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AI418 **RORO'S AUTO BODY** **San Mateo Co. BI** **S125911071**
SW **1212 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.241 mi.
1272 ft. **Site 19 of 31 in cluster AI**

Relative: **Higher**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	RORO'S AUTO BODY
Address:	1212 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0067216
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0090420
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

AI419 **PRIMESHAPE AUTOBODY** **RCRA NonGen / NLR** **1024809082**
SW **1212 MONTGOMERY AVE** **CAL000282793**
1/8-1/4 **SAN BRUNO, CA 94066**
0.241 mi.
1272 ft. **Site 20 of 31 in cluster AI**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20040602
Handler Name:	PRIMESHAPE AUTOBODY	
Handler Address:		1212 MONTGOMERY AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAL000282793
Contact Name:		KISHORE MISRI
Contact Address:		1212 MONTGOMERY AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066-0000
Contact Telephone:		650-871-0681
Contact Fax:		650-871-0685
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1212 MONTGOMERY AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066-0000

PRIMESHAPE AUTOBODY (Continued) **1024809082**

Owner Name:	KISHORE MISRI
Owner Type:	Other
Operator Name:	KISHORE MISRI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

PRIMESHAPE AUTOBODY (Continued) **1024809082**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: KISHORE MISRI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3615 FLEETWOOD DR
Owner/Operator City,State,Zip: SAN BRUNO, CA 94066-0000
Owner/Operator Telephone: 650-871-0663
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KISHORE MISRI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1212 MONTGOMERY AVE
Owner/Operator City,State,Zip: SAN BRUNO, CA 94066-0000
Owner/Operator Telephone: 650-871-0681
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040602
Handler Name: PRIMESHAPE AUTOBODY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AI420 **PRIMESHAPE AUTOBODY INC** **RCRA-SQG** **1001023170**
SW **1212 MONTGOMERY AVE** **FINDS** **CAR000005280**
1/8-1/4 **SAN BRUNO, CA 94066** **ECHO**
0.241 mi. **San Mateo Co. BI**
1272 ft. **Site 21 of 31 in cluster AI** **EMI**
HAZNET
Relative: **HWTS**
Higher

Actual: RCRA-SQG:
21 ft.

Date Form Received by Agency:	19950824
Handler Name:	PRIMESHAPE AUTOBODY INC
Handler Address:	1212 MONTGOMERY AVE
Handler City,State,Zip:	SAN BRUNO, CA 94066
EPA ID:	CAR000005280
Contact Name:	DAVID WALKER
Contact Address:	1212 MONTGOMERY AVE
Contact City,State,Zip:	SAN BRUNO, CA 94066
Contact Telephone:	415-871-0681
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	MONTGOMERY AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066
Owner Name:	DAVID WALKER
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAVID WALKER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1212 MONTGOMERY AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	415-871-0681
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19950824
Handler Name:	PRIMESHAPE AUTOBODY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110070732052

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
Registry ID: 110002907720

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
Registry ID: 110070593686

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001023170
Registry ID: 110002907720

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002907720
Name: PRIMESHAPE AUTO, INC
Address: 1212 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 94066

San Mateo Co. BI:
Name: PRIMESHAPE AUTOBODY INC
Address: 1212 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0023521
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043529
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: PRIMESHAPE AUTOBODY INC
Address: 1212 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0023521
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0027266
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PRIMESHAPE AUTOBODY INC
Address: 1212 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0023521
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0027267
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

EMI:
Name: PRIMESHAPE AUTO, INC
Address: 1212 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 940660000
Year: 2003
County Code: 41
Air Basin: SF
Facility ID: 15943
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PRIMESHAPE AUTO, INC
Address: 1212 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 940660000
Year: 2004
County Code: 41
Air Basin: SF
Facility ID: 15943
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.164
Reactive Organic Gases Tons/Yr: 0.1371784
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PRIMESHAPE AUTO, INC
Address: 1212 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 940660000
Year: 2005
County Code: 41
Air Basin: SF
Facility ID: 15943
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .164
Reactive Organic Gases Tons/Yr: .1371784
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PRIMESHAPE AUTO, INC
Address: 1212 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 940660000
Year: 2006
County Code: 41
Air Basin: SF
Facility ID: 15943
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .183

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Reactive Organic Gases Tons/Yr: .1549542
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PRIMESHAPE AUTO, INC
Address: 1212 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 940660000
Year: 2007
County Code: 41
Air Basin: SF
Facility ID: 15943
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .183
Reactive Organic Gases Tons/Yr: .1549542
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PRIMESHAPE AUTO, INC
Address: 1212 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 94066
Year: 2008
County Code: 41
Air Basin: SF
Facility ID: 15943
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .183
Reactive Organic Gases Tons/Yr: .1549542
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PRIMESHAPE AUTO, INC
Address: 1212 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 94066
Year: 2009
County Code: 41
Air Basin: SF
Facility ID: 15943
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.183
Reactive Organic Gases Tons/Yr:	0.15495419999999999
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PRIMESHAPE AUTO, INC
Address:	1212 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	15943
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.14599999999999999
Reactive Organic Gases Tons/Yr:	0.1191144
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PRIMESHAPE AUTO, INC
Address:	1212 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	15943
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.146
Reactive Organic Gases Tons/Yr:	0.1191144
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PRIMESHAPE AUTO, INC
Address:	1212 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	15943

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.146
Reactive Organic Gases Tons/Yr:	0.1191144
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PRIMESHAPE AUTO, INC
Address:	1212 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	15943
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.146
Reactive Organic Gases Tons/Yr:	0.1191144
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PRIMESHAPE AUTO, INC
Address:	1212 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	15943
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.145598575
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PRIMESHAPE AUTO, INC
Address:	1212 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2015

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

County Code:	41
Air Basin:	SF
Facility ID:	15943
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.145598565
Reactive Organic Gases Tons/Yr:	0.144659309
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PRIMESHAPE AUTO INC
Address:	1212 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2018
County Code:	41
Air Basin:	SF
Facility ID:	15943
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.960000038
Reactive Organic Gases Tons/Yr:	0.94838403754
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	PRIMESHAPE AUTO INC
Address:	1212 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2019
County Code:	41
Air Basin:	SF
Facility ID:	15943
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.960000038
Reactive Organic Gases Tons/Yr:	0.94838403754
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

HAZNET:

Name:	PRIMESHAPE AUTOBODY INC
Address:	1212 MONTGOMERY AVE
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940660000
Contact:	DAVID WALKER
Telephone:	4158710681
Mailing Name:	Not reported
Mailing Address:	1212 MONTGOMERY AVE
Year:	2000
Gepaid:	CAR000005280
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.1764
Year:	2000
Gepaid:	CAR000005280
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	-
Tons:	0
Year:	1999
Gepaid:	CAR000005280
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.1116
Year:	1998
Gepaid:	CAR000005280
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.1656
Year:	1997
Gepaid:	CAR000005280
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.2304
Year:	1997
Gepaid:	CAR000005280
TSD EPA ID:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.0684
Year:	1996
Gepaid:	CAR000005280
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	-

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Tons: 0.072

Year: 1996
Gepaid: CAR000005280
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.4716

Year: 1996
Gepaid: CAR000005280
TSD EPA ID: CAD009452657
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

Year: 1995
Gepaid: CAR000005280
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.306

Click this hyperlink while viewing on your computer to access additional CA HAZNET: detail in the EDR Site Report.

Additional Info:
Year: 1998
Gen EPA ID: CAR000005280

Shipment Date: 19981222
Creation Date: 2/8/1999 0:00:00
Receipt Date: 19981223
Manifest ID: 98411049
Trans EPA ID: CAD008252405
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.0684
Waste Quantity: 19
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980320
Creation Date: 5/26/1998 0:00:00

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Receipt Date:	19980324
Manifest ID:	96698495
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0972
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAR000005280
Shipment Date:	19961114
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961115
Manifest ID:	96559500
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1116
Waste Quantity:	31
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960903
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960903
Manifest ID:	96298402
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1116
Waste Quantity:	31
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960624
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960625
Manifest ID:	96296884
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1368
Waste Quantity:	38
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960416
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960416
Manifest ID:	95920139
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1116

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Waste Quantity:	31
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960221
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960221
Manifest ID:	95922226
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960221
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960221
Manifest ID:	95922226
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Additional Info:

Year:	2000
Gen EPA ID:	CAR000005280
Shipment Date:	20001206
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001211
Manifest ID:	20433707
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1044
Waste Quantity:	29
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001206
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001211
Manifest ID:	20433707
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000427
Creation Date:	6/13/2000 0:00:00
Receipt Date:	20000428
Manifest ID:	98373119
Trans EPA ID:	CAD008252405

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000427
Creation Date:	6/13/2000 0:00:00
Receipt Date:	20000428
Manifest ID:	98373119
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAR000005280

Shipment Date:	19971027
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971029
Manifest ID:	96779473
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0864
Waste Quantity:	24
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970610
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19970610
Manifest ID:	96878114
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0612
Waste Quantity:	17
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970402
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970404
Manifest ID:	96874533
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0828
Waste Quantity:	23
Quantity Unit:	G
Additional Code 1:	Not reported

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970122
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970122
Manifest ID:	96561422
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0684
Waste Quantity:	19
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAR000005280
Shipment Date:	19951201
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951201
Manifest ID:	95359483
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Shipment Date:	19950914
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950919
Manifest ID:	95470443
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAR000005280

Shipment Date:	19991005
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19991008
Manifest ID:	99490440
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0684
Waste Quantity:	19
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991005
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19991008
Manifest ID:	99490440
Trans EPA ID:	CAD008252405

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990512
Creation Date:	7/13/1999 0:00:00
Receipt Date:	19990512
Manifest ID:	98727115
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0432
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990512
Creation Date:	7/13/1999 0:00:00
Receipt Date:	19990512
Manifest ID:	98727115
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001

PRIMESHAPE AUTOBODY INC (Continued) **1001023170**

Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	PRIMESHAPE AUTOBODY INC
Address:	1212 MONTGOMERY AVE
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940660000
EPA ID:	CAR000005280
Inactive Date:	06/30/1998
Create Date:	12/08/1995
Last Act Date:	07/06/2010
Mailing Name:	Not reported
Mailing Address:	1212 MONTGOMERY AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN BRUNO, CA 940661522
Owner Name:	DAVID WALKER
Owner Address:	1212 MONTGOMERY AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN BRUNO, CA 940661522
Contact Name:	DAVID WALKER
Contact Address:	INACT PER 98VQ FINAL NOTICE
Contact Address 2:	- BATCH 4/27
City,State,Zip:	SAN BRUNO, CA 940661522

AI421 **M&H COLLISION LLC** **RCRA NonGen / NLR** **1025874351**
SW **1212 MONTGOMERY AVE** **CAL000447482**
1/8-1/4 **SAN BRUNO, CA 94066**
0.241 mi.
1272 ft. **Site 22 of 31 in cluster AI**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20190716
Handler Name:	M&H COLLISION LLC	
Handler Address:		1212 MONTGOMERY AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAL000447482
Contact Name:		ALDO MARTIN
Contact Address:		1212 MONTGOMERY AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		415-377-8678
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported

M&H COLLISION LLC (Continued) **1025874351**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1212 MONTGOMERY AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066
Owner Name:	M&H COLLISION LLC
Owner Type:	Other
Operator Name:	ALDO MARTIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190729

M&H COLLISION LLC (Continued) **1025874351**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALDO MARTIN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1212 MONTGOMERY AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	415-377-8678
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	M&H COLLISION LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	359 EDINBURGH ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94112
Owner/Operator Telephone:	415-377-8678
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190716
Handler Name: M&H COLLISION LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

M&H COLLISION LLC (Continued) **1025874351**

Evaluation Action Summary:
Evaluations: No Evaluations Found

AI422 **M&H COLLISION LLC** **San Mateo Co. BI** **S124430754**
SW **1212 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.241 mi.
1272 ft. **Site 23 of 31 in cluster AI**

Relative: San Mateo Co. BI:
Higher
Actual: Name: M&H COLLISION LLC
21 ft. Address: 1212 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0066406
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0089513
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

AI423 **CALIFORNIA ETCHING CORP** **San Mateo Co. BI** **S123179964**
SW **1212 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.241 mi.
1272 ft. **Site 24 of 31 in cluster AI**

Relative: San Mateo Co. BI:
Higher
Actual: Name: CALIFORNIA ETCHING CORP
21 ft. Address: 1212 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0004320
Prog Element Code: BUSINESS PLAN - GENERAL
Record Id: PR0054344
Description: BUSINESS PLAN - GENERAL
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

AN424 **SAMSON PRESS** **San Mateo Co. BI** **S117397623**
NE **261 WATTIS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.241 mi.
1273 ft. **Site 7 of 8 in cluster AN**

Relative: San Mateo Co. BI:
Higher
Actual: Name: SAMSON PRESS
21 ft. Address: 261 WATTIS
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0015764
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004591

SAMSON PRESS (Continued) **S117397623**

Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: SAMSON PRESS
Address: 261 WATTIS
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0015764
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011781
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

AN425 **SAN FRANCISCO DELUXE TOURS** **San Mateo Co. BI** **S117398558**
NE **259 WATTIS AVE - ADJ BACKLOT** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.241 mi.
1274 ft. **Site 8 of 8 in cluster AN**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:
Name: SAN FRANCISCO DELUXE TOURS
Address: 259 WATTIS AVE - ADJ BACKLOT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045073
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0057654
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

AM426 **KEN MANUFACTURING COMPANY** **ENVIROSTOR** **S106797917**
NW **78 SOUTH LINDEN AVENUE** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080**
0.242 mi.
1277 ft. **Site 7 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

ENVIROSTOR:
Name: KEN MANUFACTURING COMPANY
Address: 78 SOUTH LINDEN AVENUE
City,State,Zip: S SAN FRANCISCO, CA 94080
Facility ID: 41280135
Status: Refer: Other Agency
Status Date: 06/01/1988
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley

KEN MANUFACTURING COMPANY (Continued) **S106797917**

Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.64721
Longitude: -122.4134
APN: 014102100
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 014102100
Alias Type: APN
Alias Name: 41280135
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/01/1988
Comments: SITE SCREENING DONE RECOMMEND PRELIMINARY ASSESSMENT (LOW) BASED ON LACK OF INFORMATION.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AM427 **KEM MFG CORP** **SEMS-ARCHIVE** **1003878712**
NW **78 S LINDEN AVE** **CAD980883375**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.242 mi.
1277 ft. **Site 8 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

SEMS Archive:
Site ID: 0902128
EPA ID: CAD980883375
Name: KEM MFG CORP
Address: 78 S LINDEN AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Cong District: 11
FIPS Code: 06081
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09
Site ID: 0902128
EPA ID: CAD980883375

KEM MFG CORP (Continued) **1003878712**

Site Name:	KEM MFG CORP
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-03-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	09
Site ID:	0902128
EPA ID:	CAD980883375
Site Name:	KEM MFG CORP
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1984-07-01 05:00:00
Finish Date:	1984-07-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902128
EPA ID:	CAD980883375
Site Name:	KEM MFG CORP
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-03-01 05:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902128
EPA ID:	CAD980883375
Site Name:	KEM MFG CORP
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1984-09-01 05:00:00
Qual:	L
Current Action Lead:	EPA Perf

AP428 **MIRAGE REPAIR SHOP** **CERS HAZ WASTE** **S121786803**
NNW **49 S LINDEN** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.244 mi.
1288 ft. **Site 8 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	MIRAGE REPAIR SHOP
Address:	49 S LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	49353
CERS ID:	10067776
CERS Description:	Hazardous Waste Generator

CERS:

Name:	MIRAGE REPAIR SHOP
Address:	49 S LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	49353
CERS ID:	10067776
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	49353
Site Name:	MIRAGE REPAIR SHOP
Violation Date:	03-10-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 04/02/2017. conduct employee training and document within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	49353
Site Name:	MIRAGE REPAIR SHOP
Violation Date:	03-10-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/10/2016.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	49353
Site Name:	MIRAGE REPAIR SHOP
Violation Date:	03-10-2016
Citation:	HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description:	Failure to retain paperwork documenting disposal of used oil for three years.

MIRAGE REPAIR SHOP (Continued) **S121786803**

Violation Notes: Returned to compliance on 03/15/2016.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 49353
Site Name: MIRAGE REPAIR SHOP
Violation Date: 03-10-2016
Citation: 22 CCR 12 66262.34(b)(1) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(b)(1)
Violation Description: Failure to dispose of hazardous waste after the first 100-kilogram threshold amount was accumulated within a 90 day period.
Violation Notes: Returned to compliance on 03/15/2016. Dispose water based waste paint, waste thinner and used oil within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 49353
Site Name: MIRAGE REPAIR SHOP
Violation Date: 03-10-2016
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.
Violation Notes: Returned to compliance on 03/15/2016. Dispose water based paint waste and waste thinner within 30 days. Facility is not able to locate any proof that the water based paint related waste and waste thinner were ever picked up. No disposal record for used oil since 2011. Dispose water based waste paint, waste thinner and used oil within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 49353
Site Name: MIRAGE REPAIR SHOP
Violation Date: 03-08-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to

MIRAGE REPAIR SHOP (Continued) **S121786803**

	leak.
Violation Notes:	Returned to compliance on 03/06/2019. The bungs for the two 55 gallon drums storing used oil are missing and can't be retrieved.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	49353
Site Name:	MIRAGE REPAIR SHOP
Violation Date:	10-17-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/17/2019. Facility has not update the accumulation start dates for the used oil drums. New labels were completed during inspection
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	49353
Site Name:	MIRAGE REPAIR SHOP
Violation Date:	03-10-2016
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 03/23/2016. facility personnel should attend San Mateo County training
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	49353
Site Name:	MIRAGE REPAIR SHOP
Violation Date:	10-17-2019
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 12/03/2019. Facility is draining many filters over a tray that eventually drain into the 55 gallon drum. This is not an acceptable fuel filter management and storage practice. Facility stated they will be getting an oil crusher within a month. Please put filters into storage drum within 14 days when the oil crusher arrives.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	49353
Site Name:	MIRAGE REPAIR SHOP
Violation Date:	03-08-2018

MIRAGE REPAIR SHOP (Continued) **S121786803**

Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 05/02/2019. Facility s EPA ID# is Inactive. Please complete the EPA ID Application (attached) and send it to DTSC within 30 days. After the number is re-activated, please go to the website: https://evq.dtsc.ca.gov/Register.aspx and either registered for an account then complete the questionnaire or log in and complete the questionnaire.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-07-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-08-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	HMBP certified in 12/2017.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-08-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: used oil and paint related wate. Fire extinguishers serviced in 2/2018.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	04-02-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	06-21-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

MIRAGE REPAIR SHOP (Continued) **S121786803**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-10-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-01-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Used oil has been picked up on 10/18/18. Facility no longer stores waste coolant. The poly drum has been removed from the facility.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-17-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-24-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	on site to assist faiclity reactivbate EPA ID#. Contacted eVQ and helped faiclity completed the eVQ.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-10-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-17-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated: used oil stored in two 55 gallon drums Waste thinner

MIRAGE REPAIR SHOP (Continued) **S121786803**

	in a 30 gallon drum
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-18-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-10-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-10-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-29-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	EPA ID#
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-05-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP

MIRAGE REPAIR SHOP (Continued) **S121786803**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: labels, 2nd containment oil clean up.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-15-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-18-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-03-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-06-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-27-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

MIRAGE REPAIR SHOP (Continued) **S121786803**

Eval Date:	08-10-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-17-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	HMBP submitted on 4/112019 via san mateo portal
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-03-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-07-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-27-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-28-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-11-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

MIRAGE REPAIR SHOP (Continued) **S121786803**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-17-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Jesus Avila
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: JESUS AVILA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 271-1901,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 49 S LINDEN
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: AVILA, JESUS

MIRAGE REPAIR SHOP (Continued) **S121786803**

Entity Title:	Not reported
Affiliation Address:	49 SOUTH LINDEN
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 271-1901,
Affiliation Type Desc:	Parent Corporation
Entity Name:	MIRAGE REPAIR SHOP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Jesus Avila
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	JESUS AVILA
Entity Title:	Not reported
Affiliation Address:	49 SOUTH LINDEN
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

AP429 **MIRAGE REPAIR SHOP** **RCRA NonGen / NLR** **1025867043**
NNW **49 S LINDEN AVE** **CAL000289763**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.244 mi.
1288 ft. **Site 9 of 16 in cluster AP**

Relative: **Higher**

Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20051227
Handler Name:	MIRAGE REPAIR SHOP	
Handler Address:		49 S LINDEN AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
EPA ID:		CAL000289763
Contact Name:		JESUS AVILA
Contact Address:		49 SOUTH LINDEN AV
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		650-271-1901
Contact Fax:		Not reported
Contact Email:		MIRAGEAUTOS@GMAIL.COM
Contact Title:		Not reported

MIRAGE REPAIR SHOP (Continued) **1025867043**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	49 S LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:	JESUS AVILA
Owner Type:	Other
Operator Name:	JESUS AVILA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

MIRAGE REPAIR SHOP (Continued) **1025867043**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JESUS AVILA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	332 COMMERCIAL
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-271-1901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JESUS AVILA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	49 SOUTH LINDEN AV
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-271-1901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20051227
Handler Name: MIRAGE REPAIR SHOP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111

MIRAGE REPAIR SHOP (Continued) **1025867043**

NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AM430 **RALPH KING FURNITURE AND CABINETRY** **RCRA NonGen / NLR** **1024872027**
WNW **100 S LINDEN AVE** **CAL000440673**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94044**
0.244 mi.
1290 ft. **Site 9 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20181109
Handler Name:	RALPH KING FURNITURE AND CABINETRY
Handler Address:	100 S LINDEN AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94044
EPA ID:	CAL000440673
Contact Name:	REBECCA GUZZETTA
Contact Address:	100 S LINDEN AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94044
Contact Telephone:	415-822-5847
Contact Fax:	415-822-5926
Contact Email:	REBECCA@RALPHKINGCABINETRY.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	100 S LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94044
Owner Name:	RALPH W KING
Owner Type:	Other
Operator Name:	REBECCA GUZZETTA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

RALPH KING FURNITURE AND CABINETRY (Continued) **1024872027**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	REBECCA GUZZETTA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	100 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94044
Owner/Operator Telephone:	415-822-5847
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

RALPH KING FURNITURE AND CABINETRY (Continued) **1024872027**

Owner/Operator Name:	RALPH W KING
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1314 S DELAWARE ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	415-989-5847
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181109
Handler Name:	RALPH KING FURNITURE AND CABINETRY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	337110
NAICS Description:	WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AM431 **RALPH KING FURNITURE & CABINETRY, INC.** **CERS HAZ WASTE** **S122492556**
WNW **100 S LINDEN AVE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.244 mi.
1290 ft. **Site 10 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	RALPH KING FURNITURE & CABINETRY, INC.
Address:	100 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	437388
CERS ID:	10762297
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	437388
Site Name:	Ralph King Furniture & Cabinetry, Inc.
Violation Date:	09-21-2021
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

RALPH KING FURNITURE & CABINETRY, INC. (Continued) **S122492556**

Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 09/21/2021. OBSERVATION: The container of hazardous waste solvent in the work area was not closed at the time of the inspection. This was corrected during the inspection and a cap was put on. In the future ensure that all containers of hazardous waste are completely closed except when adding or removing waste. This can be accomplished by using the cap as done during the inspection, or by using a funnel that latches shut and maintains the container vapor tight.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	437388
Site Name:	Ralph King Furniture & Cabinetry, Inc.
Violation Date:	09-21-2021
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	OBSERVATION: EPA ID number expired on 6/30/20. REQUIRED ACTION: Re-activate EPA ID number by using one of the two options found at https://dtsc.ca.gov/reactivate-epa-id-number/
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	437388
Site Name:	Ralph King Furniture & Cabinetry, Inc.
Violation Date:	09-21-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/21/2021. OBSERVATION: The four 5 gallon buckets of hazardous waste were not labeled at the time of the inspection. This was corrected during the inspection. In the future ensure that as soon as hazardous waste begins accumulating in a container that it is properly labeled with the following requirements: "Hazardous Waste", name and address of the generator, composition and physical state, hazardous properties, and the accumulation start date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-01-2019

RALPH KING FURNITURE & CABINETRY, INC. (Continued) **S122492556**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	This is the first inspection of the facility. Waste generated at the facility: waste solvent Waste is disposed of on a bi-monthly basis.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-21-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility generates waste solvent/paint. Takes approximately 30 gallons at a time to the tunnel road VSQG drop off 5-6 times per year.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	437388
Facility Name:	Ralph King Furniture & Cabinetry, Inc.
Env Int Type Code:	HWG
Program ID:	10762297
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.646650
Longitude:	-122.413520

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Identification Signer
Entity Name:	Ralph King
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

RALPH KING FURNITURE & CABINETRY, INC. (Continued) **S122492556**

Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Ralph King
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (415) 822-5847,

Affiliation Type Desc: Document Preparer
Entity Name: Kelley Clements Runyon
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Ralph King Furniture Cabinetry
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AI432 **CERTIFIED AUTOBODY** **RCRA NonGen / NLR** **1024798879**
SSW **1201 SAN MATEO AVE** **CAL000206531**
1/8-1/4 **SAN BRUNO, CA 94066**
0.245 mi.
1293 ft. **Site 25 of 31 in cluster AI**

Relative: **Lower**

Actual: **20 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20010529
Handler Name: CERTIFIED AUTOBODY
Handler Address: 1201 SAN MATEO AVE
Handler City,State,Zip: SAN BRUNO, CA 94066-0000
EPA ID: CAL000206531
Contact Name: MOHAMAD SALEH/OWNER
Contact Address: 1201 SAN MATEO AVE
Contact City,State,Zip: SAN BRUNO, CA 94066
Contact Telephone: 650-583-6804
Contact Fax: 000-000-0000
Contact Email: CERTIFIEDAUTOBODY@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

CERTIFIED AUTOBODY (Continued) **1024798879**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1201 SAN MATEO AVE
Mailing City,State,Zip:	SAN BRUNO, CA 94066-0000
Owner Name:	MOHAMAD SALEH
Owner Type:	Other
Operator Name:	MOHAMAD SALEH/OWNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905

CERTIFIED AUTOBODY (Continued) **1024798879**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MOHAMAD SALEH/OWNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 SAN MATEO AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-583-6804
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MOHAMAD SALEH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2504 LANSDWON CT
Owner/Operator City,State,Zip:	BRENTWOOD, CA 94513-0000
Owner/Operator Telephone:	650-271-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010529
Handler Name: CERTIFIED AUTOBODY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

CERTIFIED AUTOBODY (Continued) **1024798879**

Evaluation Action Summary:
Evaluations: No Evaluations Found

AI433 **BUG AUTO BODY & SALES** **RCRA-SQG** **1000103345**
SSW **1201 SAN METEO AVE** **FINDS** **CAD981683808**
1/8-1/4 **SAN BRUNO, CA 94066** **ECHO**
0.245 mi.
1293 ft. **Site 26 of 31 in cluster AI**

Relative: **Lower**
Actual: **20 ft.**

RCRA-SQG:

Date Form Received by Agency:		19960901
Handler Name:	BUG AUTO BODY & SALES	
Handler Address:		1201 SAN METEO AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAD981683808
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		1201 SAN MATEO AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN

BUG AUTO BODY & SALES (Continued) **1000103345**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON SCHUMACHER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

BUG AUTO BODY & SALES (Continued) **1000103345**

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: BUG AUTO BODY & SALES
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19861022
Handler Name: BUG AUTO BODY & SALES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002751282

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BUG AUTO BODY & SALES (Continued) **1000103345**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000103345
Registry ID:	110002751282
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002751282
Name:	BUG AUTO BODY & SALES
Address:	1201 SAN METEO AVE
City,State,Zip:	SAN BRUNO, CA 94066

AI434 **FANGS AUTO** **RCRA NonGen / NLR** **1026492643**
SSW **1201 SAN MATEO AVE** **CAL000457435**
1/8-1/4 **SAN BRUNO, CA 94066**
0.245 mi.
1293 ft. **Site 27 of 31 in cluster AI**

Relative: **Lower**

Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20201012
Handler Name:	FANGS AUTO	
Handler Address:		1201 SAN MATEO AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAL000457435
Contact Name:		YONGKANG XIE
Contact Address:		327 AINTA DR
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		415-640-1418
Contact Fax:		Not reported
Contact Email:		FANGSAUTOSF@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1201 SAN MATEO AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066
Owner Name:		YONGKANG XIE
Owner Type:		Other
Operator Name:		YONGKANG XIE
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No

FANGS AUTO (Continued) **1026492643**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201026
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	YONGKANG XIE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	327 AINTA DR
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	415-640-1418
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FANGS AUTO (Continued) **1026492643**

Owner/Operator Indicator: Operator
Owner/Operator Name: YONGKANG XIE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 327 AINTA DR
Owner/Operator City,State,Zip: SAN BRUNO, CA 94066
Owner/Operator Telephone: 415-640-1418
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20201012
Handler Name: FANGS AUTO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AI435 **CERTIFIED AUTO BODY** **San Mateo Co. BI** **1004368730**
SSW **1201 SAN MATEO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.245 mi.
1293 ft. **Site 28 of 31 in cluster AI**

Relative:
Lower

Actual:
20 ft.

San Mateo Co. BI:
Name: CERTIFIED AUTO BODY
Address: 1201 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018285
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0004989
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: CERTIFIED AUTO BODY

CERTIFIED AUTO BODY (Continued) **1004368730**

Address: 1201 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018285
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043477
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: CERTIFIED AUTO BODY
Address: 1201 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018285
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0012199
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

AI436 **FANG'S AUTO** **CERS HAZ WASTE** **S113105015**
SSW **1201 SAN MATEO AVE** **HAZNET** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **CERS**
0.245 mi. **HWTS**
1293 ft. **Site 29 of 31 in cluster AI**

Relative: **Lower**
Actual: **20 ft.**

CERS HAZ WASTE:
Name: FANG'S AUTO
Address: 1201 SAN MATEO AVE
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 569567
CERS ID: 10854427
CERS Description: Hazardous Waste Generator

HAZNET:
Name: CERTIFIED AUTOBODY
Address: 1201 SAN MATEO AVE
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940660000
Contact: MOHAMAD SALEH/OWNER
Telephone: 6505836804
Mailing Name: Not reported
Mailing Address: 1201 SAN MATEO AVE

Year: 2019
Gepaid: CAL000206531
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.32400

Year: 2018
Gepaid: CAL000206531
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site

FANG'S AUTO (Continued) **S113105015**

Tons:	0.54000
Year:	2017
Gepaid:	CAL000206531
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.108
Year:	2016
Gepaid:	CAL000206531
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.54
Year:	2015
Gepaid:	CAL000206531
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.324
Year:	2009
Gepaid:	CAL000206531
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H020 - Solvents Recovery
Tons:	0.198
Year:	2008
Gepaid:	CAL000206531
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H020 - Solvents Recovery
Tons:	0.4248
Year:	2007
Gepaid:	CAL000206531
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H020 - Solvents Recovery
Tons:	0.198
Year:	2007
Gepaid:	CAL000206531
TSD EPA ID:	CAD059494310
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.198
Year:	2006
Gepaid:	CAL000206531
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H020 - Solvents Recovery

FANG'S AUTO (Continued) **S113105015**

Tons: 0.2268

Click this hyperlink while viewing on your computer to access
6 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2006
Gen EPA ID:	CAL000206531
Shipment Date:	20061117
Creation Date:	3/30/2007 13:34:03
Receipt Date:	20061122
Manifest ID:	000577308JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.2268
Waste Quantity:	63
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20060614
Creation Date:	9/14/2006 18:31:14
Receipt Date:	20060615
Manifest ID:	25089657
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FANG'S AUTO (Continued) **S113105015**

Shipment Date:	20060208
Creation Date:	7/5/2006 12:02:53
Receipt Date:	20060214
Manifest ID:	24475156
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2052
Waste Quantity:	57
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAL000206531

Shipment Date:	20020529
Creation Date:	8/5/2002 18:31:21
Receipt Date:	20020603
Manifest ID:	21409184
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000206531

FANG'S AUTO (Continued) **S113105015**

Shipment Date:	20090714
Creation Date:	1/8/2010 18:30:35
Receipt Date:	20090722
Manifest ID:	005777608JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC RESOURCE RECOVERY
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000206531

Shipment Date:	20040806
Creation Date:	11/5/2004 18:30:59
Receipt Date:	20040806
Manifest ID:	23864123
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2124
Waste Quantity:	59
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000206531

FANG'S AUTO (Continued) **S113105015**

Shipment Date:	20031203
Creation Date:	8/24/2004 10:00:04
Receipt Date:	20031209
Manifest ID:	22901508
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1332
Waste Quantity:	37
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030422
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030422
Manifest ID:	22612202
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000206531

Shipment Date:	20151028
Creation Date:	6/11/2016 18:30:14
Receipt Date:	20151109
Manifest ID:	014804626JJK
Trans EPA ID:	CAR000245050

FANG'S AUTO (Continued) **S113105015**

Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA ENVIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150813
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150821
Manifest ID:	014397426JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA EVNIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150527
Creation Date:	1/20/2016 22:15:07
Receipt Date:	20150612
Manifest ID:	014397203JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA ENVIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005

FANG'S AUTO (Continued) **S113105015**

Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAL000206531
Shipment Date:	20010608
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010628
Manifest ID:	20701606
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000003707
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0972
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000206531
Shipment Date:	20151028
Creation Date:	6/11/2016 18:30:14
Receipt Date:	20151109
Manifest ID:	014804626JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA ENVIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005

FANG'S AUTO (Continued) **S113105015**

Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150813
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150821
Manifest ID:	014397426JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA EVNIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150527
Creation Date:	1/20/2016 22:15:07
Receipt Date:	20150612
Manifest ID:	014397203JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA ENVIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FANG'S AUTO (Continued) **S113105015**

Additional Info:

Year:	2005
Gen EPA ID:	CAL000206531
Shipment Date:	20050823
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050830
Manifest ID:	24113309
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050215
Creation Date:	4/2/2005 18:31:07
Receipt Date:	20050215
Manifest ID:	24103259
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000206531

FANG'S AUTO (Continued) **S113105015**

Shipment Date:	20070904
Creation Date:	12/28/2007 18:30:39
Receipt Date:	20070906
Manifest ID:	001660095JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20070426
Creation Date:	10/10/2007 18:30:16
Receipt Date:	20070502
Manifest ID:	001647128JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000206531

Shipment Date:	20080905
Creation Date:	2/2/2009 18:30:08
Receipt Date:	20080911
Manifest ID:	003937891JJK

FANG'S AUTO (Continued) **S113105015**

Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC COAST LACQUER
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.216
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080317
Creation Date:	8/20/2008 18:30:32
Receipt Date:	20080321
Manifest ID:	001644202JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC COAST LACQUER
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.2088
Waste Quantity:	58
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000206531

Shipment Date:	20171106
Creation Date:	10/16/2018 18:30:37
Receipt Date:	20171114
Manifest ID:	011126537FLE
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA ENVIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405

FANG'S AUTO (Continued) **S113105015**

Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171010
Creation Date:	10/6/2018 18:30:15
Receipt Date:	20171017
Manifest ID:	015366491JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA EVNIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	10/16/2018 18:30:28
Receipt Date:	20170829
Manifest ID:	017051341JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA EVNIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G

FANG'S AUTO (Continued) **S113105015**

Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170705
Creation Date:	10/16/2018 18:30:28
Receipt Date:	20170718
Manifest ID:	017051334JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA ENVIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170530
Creation Date:	10/6/2018 18:30:15
Receipt Date:	20170606
Manifest ID:	017051230JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SONS
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170112
Creation Date:	5/11/2018 18:30:43
Receipt Date:	20170123

FANG'S AUTO (Continued) **S113105015**

Manifest ID:	016352412JJK
Trans EPA ID:	CAR000245050
Trans Name:	ECOTRANS RECYCLING
Trans 2 EPA ID:	CAR000009910
Trans 2 Name:	CALIFORNIA ENVIRONMENTAL & LITHO
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	FANG'S AUTO
Address:	1201 SAN MATEO AVE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	569567
CERS ID:	10854427
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	569567
Site Name:	FANG'S AUTO
Violation Date:	10-16-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 10/19/2020. OBSERVATION: The business did not demonstrate that records of employee training have been maintained. CORRECTIVE ACTION: Provide all employees with required training that includes: safe handling hazardous materials, emergency response procedures, and proper use of response equipment. Maintain records of training available for 3 years. Within 30 days, submit a copy of the employee training log to this office.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	569567
Site Name:	FANG'S AUTO
Violation Date:	10-16-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste",

FANG'S AUTO (Continued) **S113105015**

name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 10/16/2020. OBSERVATION: The partially full white used oil caddie was not labeled. The 2 partially full 55 gallon metal drums of used oil were not labeled. The one partially full poly white 55 gallon drum of used oil was not labeled. The partially full black 55 gallon metal drum of paper used oil filters was not labeled. During the inspection, the provided labels were completed and affixed to the containers. CORRECTIVE ACTION: Continue to ensure that all containers of HW are properly labeled.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 569567
Site Name: FANG'S AUTO
Violation Date: 10-16-2020
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 10/16/2020. OBSERVATION: The partially full black 55 gallon metal drum of drained metal used oil filters was not labeled. During the inspection, the provided label was completed and affixed to this container. CORRECTIVE ACTION: Continue to ensure that all containers of drained metal used oil filters are properly labeled.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 569567
Site Name: FANG'S AUTO
Violation Date: 10-16-2020
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 10/16/2020. OBSERVATION: The one partially full poly white 55 gallon drum of used oil was left open. The partially full black 55 gallon metal drum of paper used oil filters was left open. During the inspection, the container of filters was closed and a used filter and funnel were placed at the opening to drain the oil into the used oil container. CORRECTIVE ACTION: Continue to ensure that all containers of hazardous waste are kept closed unless adding or removing hazardous waste.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 10-16-2020

FANG'S AUTO (Continued) **S113105015**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP submittal reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-16-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-16-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. The facility has the following on site: Argon 75% Co2 25% mixture up 171 cubic feet. Used oil up to 165 gallons.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Fang Zhang
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1201 SAN MATEO AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

FANG'S AUTO (Continued) **S113105015**

Affiliation Type Desc:	Legal Owner
Entity Name:	ZHANG, LANFANG
Entity Title:	Not reported
Affiliation Address:	1201 SAN MATEO AVE
Affiliation City:	SAN BRUNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94066
Affiliation Phone:	(415) 282-3268,

Affiliation Type Desc:	Parent Corporation
Entity Name:	FANG'S AUTO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Yongkang Xie
Entity Title:	Not reported
Affiliation Address:	1201 San Mateo Ave.
Affiliation City:	San Bruno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94066
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Fang Zhang
Entity Title:	Office Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Yongkang Xie
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(415) 282-3268,

HWTS:

Name:	CERTIFIED AUTOBODY
Address:	1201 SAN MATEO AVE
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940660000
EPA ID:	CAL000206531

FANG'S AUTO (Continued) **S113105015**

Inactive Date: Not reported
Create Date: 05/29/2001
Last Act Date: 12/14/2020
Mailing Name: Not reported
Mailing Address: 1201 SAN MATEO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN BRUNO, CA 940660000
Owner Name: MOHAMAD SALEH
Owner Address: 2504 LANSDWON CT
Owner Address 2: Not reported
Owner City,State,Zip: BRENTWOOD, CA 945130000
Contact Name: MOHAMAD SALEH/OWNER
Contact Address: 1201 SAN MATEO AVE
Contact Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 94066

NAICS:
EPA ID: CAL000206531
Create Date: 2002-03-14 16:36:29.000
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 2001-05-29 00:00:00
Inactive Date: Not reported
Facility Name: CERTIFIED AUTOBODY
Facility Address: 1201 SAN MATEO AVE
Facility Address 2: Not reported
Facility City: SAN BRUNO
Facility County: Not reported
Facility State: CA
Facility Zip: 940660000

Name: FANGS AUTO
Address: 1201 SAN MATEO AVE
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 94066
EPA ID: CAL000457435
Inactive Date: Not reported
Create Date: 10/12/2020
Last Act Date: 10/12/2020
Mailing Name: Not reported
Mailing Address: 1201 SAN MATEO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN BRUNO, CA 94066
Owner Name: YONGKANG XIE
Owner Address: 327 AINTA DR
Owner Address 2: Not reported
Owner City,State,Zip: SAN BRUNO, CA 94066
Contact Name: YONGKANG XIE
Contact Address: 327 AINTA DR
Contact Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 94066

NAICS:
EPA ID: CAL000457435
Create Date: 2020-10-12 13:18:22.510
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance

FANG'S AUTO (Continued) **S113105015**

Issued EPA ID Date:	2020-10-12 13:18:22.48700
Inactive Date:	Not reported
Facility Name:	FANGS AUTO
Facility Address:	1201 SAN MATEO AVE
Facility Address 2:	Not reported
Facility City:	SAN BRUNO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94066

AM437 **HARRIS BROTHERS AUTO BODY WORKS** **CERS HAZ WASTE S121765276**
WNW **104 S LINDEN AVE** **CERS N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.246 mi.
1297 ft. **Site 11 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	HARRIS BROTHERS AUTO BODY WORKS
Address:	104 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	35556
CERS ID:	10070404
CERS Description:	Hazardous Waste Generator

CERS:

Name:	PENINSULA AUTO BODY
Address:	104 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6409
Site ID:	486586
CERS ID:	110010466673
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	HARRIS BROTHERS AUTO BODY WORKS
Address:	104 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	35556
CERS ID:	10070404
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	10-28-2013
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 04/02/2017. All hazardous waste must be closed when no hazardous waste in either removed or added. Summary of Violation issued.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	10-28-2013

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	Returned to compliance on 01/30/2014. All spills must be cleaned as soon as possible; soapy water from car detailing activity must be cleaned. Summary of Violation issued.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	01-18-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/31/2018. Facility needs to conduct employee training. This is a repeat violation.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	02-02-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 02/09/2016. There are 3 five gallon container inside a safety cabinet that were not labeled. A 5 gallon container underneath the paint mixing bench is also not labeled. All 4 5 gallon containers need to be labeled.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	09-30-2021
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	OBSERVATION: EPA ID number expired on 6/30/20. REQUIRED ACTION: Re-activate EPA ID number by using one of the two options found at https://dtsc.ca.gov/reactivate-epa-id-number/

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 35556
Site Name: HARRIS BROTHERS AUTO BODY WORKS
Violation Date: 01-18-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 01/18/2018. Last submission was on 2/2/16. Facility needs to re-certify HMBP. Review HMBP during inspection and submitted the HMBP during inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 35556
Site Name: HARRIS BROTHERS AUTO BODY WORKS
Violation Date: 09-30-2021
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: OBSERVATION: Both the 5 gallon container and 55 gallon of waste solvent/paint were open at the time of the inspection. REQUIRED ACTION: Close all containers of hazardous waste except when adding or removing waste. For the small container you can either remove the funnel and cap the container when not in use or replace the funnel with one that latches shut and is vapor tight. The drum needs to be closed, bolted shut and properly capped except when adding or removing waste. Submit photos to the inspector showing that this has been accomplished.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 35556
Site Name: HARRIS BROTHERS AUTO BODY WORKS
Violation Date: 10-01-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/03/2019. Facility personnel use a 5 gallon container. To hold waste solvent, when it is close to being full, the content is then transfer to the 55 gallon drum. This 5 gallon container needs to have a hazardous waste label affixed to it.

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

A label was completed during inspection. The 55 gallon drum was not labeled with accumulation start date. Corrected during inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 35556
Site Name: HARRIS BROTHERS AUTO BODY WORKS
Violation Date: 09-30-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: OBSERVATION: There was no 55 gallon drum new solvent onsite, and there was observed a 55 gallon drum of new oil. REQUIRED ACTION: When you update your hazardous material business plan please ensure the chemical inventory accurately reflects the storage you have onsite.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 35556
Site Name: HARRIS BROTHERS AUTO BODY WORKS
Violation Date: 10-28-2013
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes: Returned to compliance on 11/28/2013. All employees handling hazardous waste must be properly trained. Summary of Violation issued.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 35556
Site Name: HARRIS BROTHERS AUTO BODY WORKS
Violation Date: 10-28-2013
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 11/28/2013. All hazardous waste must be removed every 180 days. Summary of Violation issued.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 35556
Site Name: HARRIS BROTHERS AUTO BODY WORKS
Violation Date: 01-18-2018
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description: Failure to prepare a Uniform Hazardous Waste Manifest and, if necessary, a Continuation Sheet, before the transport of a hazardous waste off-site for transfer, treatment, storage, or disposal.

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Violation Notes:	Returned to compliance on 01/18/2018. Phoned safety kleen during inspection and safety kleen emailed a copy of manifest during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	02-02-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/09/2016. Conduct employee training within 30 days
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	10-28-2013
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 11/28/2013. facility must keep records of all hazardous waste disposal manifests. Summary of Violation issue. Summary of Violation issued.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	09-30-2021
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	OBSERVATION: Training records were not available at the time of the inspection, however staff explained they do have annual trainings through their online system and could provide records. REQUIRED ACTION: Submit records of employee training to the inspector within 7 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	10-01-2019

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 12/03/2019. Dispose of the waste solvent stored in the 55 gallon drum within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	09-30-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVATION: The 5 gallon container of waste solvent/paint and the red roll around container for waste antifreeze did not have labels. REQUIRED ACTION: Ensure that all containers holding hazardous waste are labeled with the following requirements: "Hazardous Waste", name and address of the generator, composition and physical state, hazardous properties, and the accumulation start date. Submit documentation to your inspector showing that these containers have been labeled.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	02-02-2016
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 02/09/2016. need to dispose waste stored i 3 five gallon containers and in the 2 fifty-five gallon drums within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	01-18-2018

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/31/2018. There are 11 five gallon containers holding waste thinner without hazardous waste labels. The accumulation date for the 55 gallon drum is dated 2014. Facility needs to update the accumulation start date after each waste pick up.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	02-02-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 02/09/2016. Facility can either empty container daily or find a cap for the 5 gallon container beneath the paint working bench.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	10-01-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 12/03/2019. Conduct employee training within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	01-18-2018
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

	greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 01/31/2018. According to DTSC website the last disposal was in 2/2016. But the facility has an invoice dated 1/27/2017 for 2 drums of waste. There is no manifest attached with it. I phoned safety kleen and safety kleen confirmed that the last pick up was on 1/27/2017. Facility needs to dispose of waste at least twice a year based on the quantity of waste generated. Currently there is one 55 gallon drum and 11 five gallon containers holding waste. The waste must be disposed in 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	01-18-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 01/31/2018. Each container holding waste must be closed. There is a funnel inserted in one of the opening in the 55 gallon drum as a result the drum is not closed . Locate the bung and secure the drum.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	10-28-2013
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 11/28/2013. All hazardous waste containers must be properly labeled and have an accumulation start date clearly indicated and visible for inspection. Summary of Violation issued.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	01-18-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 01/31/2018.

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	10-01-2019
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 12/03/2019. The last HMBP submitted was on 1/18/2018. An HMBP should have been submitted before or on 1/18/2019. HMBP submission is almost 21 months overdue. Please log into the San Mateo county portal: https://ehesubmit.smchealth.org/ and either re-certified the existing HMBP or update any information and submit within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	02-02-2016
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 02/09/2016.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS
Violation Date:	09-30-2021
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	OBSERVATION: The last electronically submitted update to the hazardous material business plan was on 11/5/19 REQUIRED ACTION: Login and update your business plan electronically in the San Mateo County Portal at https://ehesubmit.smchealth.org/ This is an annual requirement.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	35556
Site Name:	HARRIS BROTHERS AUTO BODY WORKS

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Violation Date: 09-30-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: OBSERVATION: No manifests were available at the time of the inspection. REQUIRED ACTION: Locate all manifests from the past 2 years and submit copies to your inspector within 30 days. Ensure that these manifests are retained for at least 3 years.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-18-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Harrisbrossf@sbcglobal.net
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-13-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-30-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-23-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-01-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-27-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: waste disposed. labeled affixed.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	EPA ID# active last update on 1/3/2018. Waste generated at the facility: waste thinner. Harrisbrossf@sbcglobal.net
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-02-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-02-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-02-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-08-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-01-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: waste solvent in a 55 gallon drum.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-09-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	01-18-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	03-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The waste paint/thinner drums were picked up on 1/23/18 and 1/31/2018.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	04-08-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	04-15-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-30-2021
Violations Found:	Yes

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Eval Type:	Routine done by local agency
Eval Notes:	Facility may be eligible for VSQG program. More information on disposal options with the County VSQG program is available at: https://www.smchealth.org/vsqg
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-24-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-06-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-27-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-30-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	You would be eligible to be removed from this regulatory program if you can reduce hazardous material storage for individual chemicals to below 200 cubic feet for gases, 55 gallons for liquids, and 500 lbs for solids. Switching to smaller containers for the waste thinner, and removing the 55 gallon drum of new oil would accomplish this for you. Contact your inspector if you intend to do this, otherwise please address all cited violations on this report within the time frame stated.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Last HMBP submitted on 1/18/2018.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 35556
Site Name: HARRIS BROTHERS AUTO BODY WORKS
Site Address: 104 S LINDEN AVE
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 10-28-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 35556
Facility Name: HARRIS BROTHERS AUTO BODY WORKS
Env Int Type Code: HWG
Program ID: 10070404
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.646490
Longitude: -122.413720

Affiliation:
Affiliation Type Desc: CUPA District

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Document Preparer
Entity Name:	Abe Abuyahya
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	ALLAN, KARIM & ABE ABUYAHYA
Entity Title:	Not reported
Affiliation Address:	104 LINDEN
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 244-0100,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Abe Abuyahya
Entity Title:	Not reported
Affiliation Address:	104 S. Linden
Affiliation City:	SSF
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Abu Abuyahya
Entity Title:	owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Abe Abuyahya
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

HARRIS BROTHERS AUTO BODY WORKS (Continued) **S121765276**

Affiliation Phone:	(650) 244-0100,
Affiliation Type Desc:	Parent Corporation
Entity Name:	HARRIS BROTHERS AUTO BODY WORKS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	104 S LINDEN AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

AM438 **HARRIS BROS AUTO BODY WORKS** **RCRA NonGen / NLR** **1024817451**
WNW **104 S LINDEN AVE** **CAL000321676**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.246 mi.
1297 ft. **Site 12 of 17 in cluster AM**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070702
Handler Name:	HARRIS BROS AUTO BODY WORKS
Handler Address:	104 S LINDEN AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6409
EPA ID:	CAL000321676
Contact Name:	LEO SANCHEZ
Contact Address:	104 S LINDEN AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6409
Contact Telephone:	650-244-0100
Contact Fax:	650-244-0298
Contact Email:	HARRISBROSSF@SBCGLOBAL.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	104 S LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6409
Owner Name:	IBRAHIM ABUYAHYA
Owner Type:	Other
Operator Name:	LEO SANCHEZ
Operator Type:	Other
Short-Term Generator Activity:	No

HARRIS BROS AUTO BODY WORKS (Continued) **1024817451**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

HARRIS BROS AUTO BODY WORKS (Continued) **1024817451**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEO SANCHEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	104 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6409
Owner/Operator Telephone:	650-244-0100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	IBRAHIM ABUYAHYA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	104 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6409
Owner/Operator Telephone:	650-244-0100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20070702
Handler Name:	HARRIS BROS AUTO BODY WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AO439 **ALL PETROLEUM RECOVERY SERVICE LLC** **RCRA NonGen / NLR** **1001815470**
WNW **114 SO LINDEN AVE** **CAR000053454**
1/8-1/4 **SO SAN FRANCISCO, CA 94080**
0.246 mi.
1298 ft. **Site 13 of 17 in cluster AO**

Relative: **Higher**

Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20000706
Handler Name:	ALL PETROLEUM RECOVERY SERVICE LLC
Handler Address:	114 SO LINDEN AVE
Handler City,State,Zip:	SO SAN FRANCISCO, CA 94080
EPA ID:	CAR000053454
Contact Name:	KATHLEEN ALEXANDER
Contact Address:	255 KENT RD
Contact City,State,Zip:	PACIFICA, CA 94044-3925
Contact Telephone:	650-355-6322
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	255 KENT RD
Mailing City,State,Zip:	PACIFICA, CA 94044-3925
Owner Name:	TOM AND KATE ALEXANDER
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

ALL PETROLEUM RECOVERY SERVICE LLC (Continued) **1001815470**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOM AND KATE ALEXANDER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	255 KENT RD
Owner/Operator City,State,Zip:	PACIFICA, CA 94044-3925
Owner/Operator Telephone:	650-355-6322
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20000706
Handler Name:	ALL PETROLEUM RECOVERY SERVICE LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

ALL PETROLEUM RECOVERY SERVICE LLC (Continued) **1001815470**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AP440 **PENSKE TRUCK LEASING CO** **RCRA-SQG** **1000383088**
NW **62 S LINDEN AVE** **CAD981661846**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.246 mi.
1300 ft. **Site 10 of 16 in cluster AP**

Relative: **Higher**
Actual: **21 ft.**

RCRA-SQG:

Date Form Received by Agency:	20180625
Handler Name:	PENSKE TRUCK LEASING CO
Handler Address:	62 S LINDEN AVE
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAD981661846
Contact Name:	CHRIS HAWK
Contact Address:	ROUTE 10 GREEN HILLS
Contact City,State,Zip:	READING, PA 19603
Contact Telephone:	610-775-6123
Contact Fax:	610-775-6442
Contact Email:	CHRISTOPHER.HAWK@PENSKE.COM
Contact Title:	SR. ENVIRONMENTAL COMPLIANCE ENGINEER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	ROUTE 10 GREEN HILLS
Mailing City,State,Zip:	READING, PA 19603
Owner Name:	MARIANNE LAMBERTS, MICHELE IRONSIDE AND JEANNETTE V
Owner Type:	Private
Operator Name:	PENSKE TRUCK LEASING CO., LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

PENSKE TRUCK LEASING CO (Continued) **1000383088**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180625
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM

PENSKE TRUCK LEASING CO (Continued) **1000383088**

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PENSKE TRUCK LEASING CO., LP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ROUTE 10 GREEN HILLS
Owner/Operator City,State,Zip: READING, PA 19603
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: A P LABORTHE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MARIANNE LAMBERTS, MICHELE IRONSIDE AND JEANNETTE VAN BIB

PENSKE TRUCK LEASING CO (Continued) **1000383088**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2180 GEARY ROAD, APT 19
Owner/Operator City,State,Zip:	PLEASANT HILL, CA 94523
Owner/Operator Telephone:	925-943-5248
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19861007
Handler Name:	PENSKE TRUCK LEASING CO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20180625
Handler Name:	PENSKE TRUCK LEASING CO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19910710
Handler Name:	PENSKE TRUCK LEASING CO LP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53212
NAICS Description:	TRUCK, UTILITY TRAILER, AND RV (RECREATIONAL VEHICLE) RENTAL AND LEASING
NAICS Code:	811111

PENSKE TRUCK LEASING CO (Continued) **1000383088**

NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AP441 **HERTZ-PENSKE TRUCK LEASING IN** **HIST UST** **S101593651**
NW **62 S LINDEN AVENUE** **CA FID UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.246 mi.
1300 ft. **Site 11 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

HIST UST:

Name:	HERTZ-PENSKE TRUCK LEASING IN
Address:	62 S LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002F829
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F829.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	41000014
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SO. SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported

HERTZ-PENSKE TRUCK LEASING IN (Continued) **S101593651**

DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

AP442 **PENSKE TRUCK LEASING II** **LUST** **S101303285**
NW **62 LINDEN** **SWEEPS UST** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **CHMIRS**
0.246 mi. **San Mateo Co. BI**
1300 ft. **Site 12 of 16 in cluster AP** **Cortese**
HIST CORTESE
Relative: **CERS**
Higher

Actual: **21 ft.**

LUST:
Name: PENSKE TRUCK LEASING II
Address: 62 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608199177
Global Id: T0608199177
Latitude: 37.653182
Longitude: -122.410791
Status: Completed - Case Closed
Status Date: 01/17/2003
Case Worker: JM
RB Case Number: 41-0250
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550166
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608199177
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608199177
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608199177
Action Type: ENFORCEMENT
Date: 05/08/2000

PENSKE TRUCK LEASING II (Continued) **S101303285**

Action: Notice of Responsibility - #1

Global Id: T0608199177
Action Type: ENFORCEMENT
Date: 01/17/2003
Action: Closure/No Further Action Letter - #2

Global Id: T0608199177
Action Type: Other
Date: 04/17/2000
Action: Leak Reported

LUST:
Global Id: T0608199177
Status: Open - Case Begin Date
Status Date: 04/17/2000

Global Id: T0608199177
Status: Open - Site Assessment
Status Date: 04/17/2000

Global Id: T0608199177
Status: Completed - Case Closed
Status Date: 01/17/2003

Name: PENSKE TRUCK LEASING II
Address: 62 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100238
Global Id: T0608100238
Latitude: 37.648014867
Longitude: -122.413063
Status: Completed - Case Closed
Status Date: 01/17/2003
Case Worker: JM
RB Case Number: 41-0250
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550106
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100238
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100238

PENSKE TRUCK LEASING II (Continued) **S101303285**

Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100238
Action Type: Other
Date: 08/15/1992
Action: Leak Discovery

Global Id: T0608100238
Action Type: ENFORCEMENT
Date: 01/17/2003
Action: Closure/No Further Action Letter - #2

Global Id: T0608100238
Action Type: ENFORCEMENT
Date: 09/02/1992
Action: Notice of Responsibility - #1

Global Id: T0608100238
Action Type: Other
Date: 10/13/1992
Action: Leak Reported

Global Id: T0608100238
Action Type: REMEDIATION
Date: 06/08/1992
Action: Excavation

LUST:
Global Id: T0608100238
Status: Open - Case Begin Date
Status Date: 08/13/1992

Global Id: T0608100238
Status: Open - Verification Monitoring
Status Date: 08/13/1992

Global Id: T0608100238
Status: Completed - Case Closed
Status Date: 01/17/2003

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550106
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown

PENSKE TRUCK LEASING II (Continued) **S101303285**

Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/1/1965

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550166
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/1/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: HERTZ PENSKE TRUCK LEASING
Address: 62 S LINDEN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550105
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550105-000004
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: PETROLEUM
Number Of Tanks: 3

Name: HERTZ PENSKE TRUCK LEASING
Address: 62 S LINDEN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550105
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

PENSKE TRUCK LEASING II (Continued) **S101303285**

SWRCB Tank Id: 41-000-550105-000007
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Name: HERTZ PENSKE TRUCK LEASING
Address: 62 S LINDEN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550105
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550105-000008
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Name: HERTZ PENSKE TRUCK LEASING
Address: 62 S LINDEN AVE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550105
Number: 9
Board Of Equalization: Not reported
Referral Date: 04-22-94
Action Date: 04-22-94
Created Date: 10-13-88
Owner Tank Id: 2(685-6)
SWRCB Tank Id: 41-000-550105-000001
Tank Status: A
Capacity: 12000
Active Date: 07-07-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 5

Name: HERTZ PENSKE TRUCK LEASING
Address: 62 S LINDEN AVE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550105
Number: 9
Board Of Equalization: Not reported
Referral Date: 04-22-94

PENSKE TRUCK LEASING II (Continued) **S101303285**

Action Date:	04-22-94
Created Date:	10-13-88
Owner Tank Id:	1(685-5)
SWRCB Tank Id:	41-000-550105-000002
Tank Status:	A
Capacity:	10000
Active Date:	07-07-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Name:	HERTZ PENSKE TRUCK LEASING
Address:	62 S LINDEN AVE
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550105
Number:	9
Board Of Equalization:	Not reported
Referral Date:	04-22-94
Action Date:	04-22-94
Created Date:	10-13-88
Owner Tank Id:	3(685-7)
SWRCB Tank Id:	41-000-550105-000003
Tank Status:	A
Capacity:	1000
Active Date:	07-07-92
Tank Use:	PETROLEUM
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported
Name:	HERTZ PENSKE TRUCK LEASING
Address:	62 S LINDEN AVE
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550105
Number:	9
Board Of Equalization:	Not reported
Referral Date:	04-22-94
Action Date:	04-22-94
Created Date:	10-13-88
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-550105-000005
Tank Status:	A
Capacity:	12000
Active Date:	04-22-94
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported
Name:	HERTZ PENSKE TRUCK LEASING
Address:	62 S LINDEN AVE
City:	S SAN FRANCISCO
Status:	Active
Comp Number:	550105

PENSKE TRUCK LEASING II (Continued) **S101303285**

Number:	9
Board Of Equalization:	Not reported
Referral Date:	04-22-94
Action Date:	04-22-94
Created Date:	10-13-88
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-550105-000006
Tank Status:	A
Capacity:	10000
Active Date:	04-22-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CHMIRS:

Name:	Not reported
Address:	62 SOUTH LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
OES Incident Number:	12-1076
OES notification:	02/24/2012
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported

PENSKE TRUCK LEASING II (Continued) **S101303285**

Date/Time:	845
Year:	2012
Agency:	ERTS
Incident Date:	2/24/2012
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel
Quantity Released:	50
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states that a truck at a Penske terminal malfunctioned resulting in the release of 50 gallons of diesel over a 30ftx10ft area. Release has been contained and a contractor is enroute to complete clean up.

San Mateo Co. BI:

Name:	PENSKE TRUCK LEASING CO., LP
Address:	62 SOUTH LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017858
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022640
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Active, billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	PENSKE TRUCK LEASING CO., LP
Address:	62 SOUTH LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017858
Prog Element Code:	GEN <1 TONS HAZ WASTE/YR
Record Id:	PR0011574
Description:	GEN <1 TONS HAZ WASTE/YR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name: PENSKE TRUCK LEASING CO., LP

PENSKE TRUCK LEASING II (Continued) **S101303285**

Address: 62 SOUTH LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017858
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0004253
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: PENSKE TRUCK LEASING CO., LP
Address: 62 SOUTH LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017858
Prog Element Code: 2352
Record Id: PR0076230
Description: TIER I: TANK STOR CAP =>1,320 & <5,000 GAL
Facility Status: Active, billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: PENSKE TRUCK LEASING CO., LP
Address: 62 SOUTH LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017858
Prog Element Code: TIERED PERMITING-GENERAL
Record Id: PR0069987
Description: TIERED PERMITING-GENERAL
Facility Status: Inactive, non-billable
Program Category: TIERED PERMITTING

CORTESE:
Name: PENSKE TRUCK LEASING II
Address: 62 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100238
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

PENSKE TRUCK LEASING II (Continued) **S101303285**

Name:	PENSKE TRUCK LEASING II
Address:	62 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608199177
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	PENSKE TRUCK LEASING II
edr_fadd1:	62 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0250

CERS:

Name:	PENSKE TRUCK LEASING II
Address:	62 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	196980
CERS ID:	T0608199177
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100

PENSKE TRUCK LEASING II (Continued) **S101303285**

Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Name: PENSKE TRUCK LEASING II
Address: 62 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 196980
CERS ID: T0608100238
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

AP443 **PENSKE TRUCK LEASING CO., LP** **UST** **U004264251**
NW **62 SOUTH LINDEN AVENUE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.246 mi.
1300 ft. **Site 13 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

UST:
Name: PENSKE TRUCK LEASING CO., LP
Address: 62 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Facility ID: FA0017858
Permitting Agency: San Mateo County Environmental Health
CERSID: 10130341
Latitude: 37.271881
Longitude: -119.270233

AP444 **PENSKE TRUCK LEASING CO., LP** **AST** **A100423261**
NW **62 SOUTH LINDEN AVENUE** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.246 mi.
1300 ft. **Site 14 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

AST:

Name:	PENSKE TRUCK LEASING CO., LP
Address:	62 SOUTH LINDEN AVENUE
City/Zip:	SOUTH SAN FRANCISCO,94080
Certified Unified Program Agencies:	Not reported
Owner:	Penske Truck Leasing Co., LP
Total Gallons:	Not reported
CERSID:	10130341
Facility ID:	FA0017858
Business Name:	Penske Truck Leasing Co., L.P.
Phone:	650-873-5443
Fax:	650-873-5346
Mailing Address:	Rt 10, Green Hills, P O Box 7635
Mailing Address City:	Reading
Mailing Address State:	PA
Mailing Address Zip Code:	196037635
Operator Name:	Penske Truck Leasing Co., LP
Operator Phone:	610-775-6298
Owner Phone:	610-775-6298
Owner Mail Address:	Route 10, Green Hills, P O Box 7635
Owner State:	PA
Owner Zip Code:	Not reported
Owner Country:	United States
Property Owner Name:	Albert P. Labarthe
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Pleasant Hill
Property Owner Stat :	CA
Property Owner Zip Code:	Not reported
Property Owner Country:	United States
EPAID:	CAD981661846

AP445 **HERTZ-PENSKE TRUCK LEASING, IN** **LUST** **U001594786**
NW **62 S LINDEN AVE** **HIST UST** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.246 mi.
1300 ft. **Site 15 of 16 in cluster AP**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:

Name:	PENSKE TRUCK LEASING II
Address:	62 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550166
Facility Status:	9- Case Closed
Global ID:	T0608199177
APN Number:	014102070
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

Name:	PENSKE TRUCK LEASING II
Address:	62 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO

HERTZ-PENSKE TRUCK LEASING, IN (Continued) **U001594786**

Facility ID: 550106
Facility Status: 9- Case Closed
Global ID: T0608100238
APN Number: 014102070
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HIST UST:
Name: HERTZ-PENSKE TRUCK LEASING, IN
Address: 62 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000003308
Facility Type: Other
Other Type: TRUCK LEASING
Contact Name: MICHAEL J. DALY
Telephone: 2153207000
Owner Name: RICHARD MEYERCHOFF, ET AL
Owner Address: 181 - 28TH STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94121
Total Tanks: 0004

Tank Num: 001
Container Num: 685 5
Year Installed: 1973
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 685 6
Year Installed: 1973
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 685 7
Year Installed: 1973
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 004
Container Num: 685 8
Year Installed: 1973
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported

HERTZ-PENSKE TRUCK LEASING, IN (Continued) **U001594786**

Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

AP446 **PENSKE TRUCK LEASING CO., LP** **CERS HAZ WASTE** **S121788059**
NW **62 SOUTH LINDEN AVENUE** **CERS TANKS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.246 mi.
1300 ft. **Site 16 of 16 in cluster AP**

Relative: Higher
Actual: 21 ft.

CERS HAZ WASTE:
Name: PENSKE TRUCK LEASING CO., LP
Address: 62 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 56073
CERS ID: 10130341
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: PENSKE TRUCK LEASING CO., LP
Address: 62 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 56073
CERS ID: 10130341
CERS Description: Underground Storage Tank

Name: PENSKE TRUCK LEASING CO., LP
Address: 62 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 56073
CERS ID: 10130341
CERS Description: Aboveground Petroleum Storage

CERS:
Name: PENSKE TRUCK LEASING CO., LP
Address: 62 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 56073
CERS ID: 10130341
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 56073
Site Name: Penske Truck Leasing Co., LP
Violation Date: 05-14-2019
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 06/13/2019. The line leak detector for the regular gasoline failed the test. Please make necessary repair or replacement, then retest and forward me the report within 30 days. Tanknology called in the failed LLD test and the maintenance company will respond.

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 56073
Site Name: Penske Truck Leasing Co., LP
Violation Date: 06-28-2020
Citation: HSC 6.7 25291(a)(1) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(1)
Violation Description: Failure to construct, operate, and maintain primary containment as product-tight.
Violation Notes: Returned to compliance on 02/11/2021. The product piping for the regular unleaded fuel system failed the SB989 testing. Repair must be cmpleted and re-tested within 6 months from the date (5/7/2020) the failure was condfirmed.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 56073
Site Name: Penske Truck Leasing Co., LP
Violation Date: 06-12-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 06/27/2019. Signed copies of manifest for parts washer solvent, fuel pumped out (to facilitate UST repari) and fuel filters for 2019 were all missing. Please contact Safety Kleen to obtain signed copies of manifest: 006827676 SKS, 006859017 SKS, 007074415 SKS, 007074414 SKS, 006861972 SKS, 008681971 SKS, 006859019 SKS, 006859018 SKS, 006845781 SKS, 006845782 SKS, 006833929 SKS, 006833930 SKS, 006827677 SKS, 006827678 SKS, 012878118 SKS, 006981014 SKS, 012825534 FLE, 012825536 FLE, within 30 days. In the future, please make sure to obtained sign copies of manifest within 60 days from the day of waste pick up.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 56073
Site Name: Penske Truck Leasing Co., LP
Violation Date: 05-27-2021
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Start conducting daily inspections of the hazardous waste tank system. Provide records to the inspector within 30 days. A template will be emailed.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	09-04-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/05/2020. The trough used to hold used oil either needs to be closed (in this case impossible) and labeled with a hazardous waste label or empty the used oil on a daily basis and affix a label marked EMPTY DAILY . Correct this within 30 days and please take a photo can send it to me so I can close out the violation. The facility information portion of the hazardous waste label on the used antifreeze drum has faded. Either refresh the existing label or complete a new label which was provided during the inspection. Please complete this ASAP and no later than 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-27-2021
Citation:	HSC 6.5 25201 - California Health and Safety Code, Chapter 6.5, Section(s) 25201
Violation Description:	Failure to obtain a permit or grant of interim status after generator has accumulated hazardous waste on-site for longer than 90 days.
Violation Notes:	Date on the antifreeze drum reflects December, there are no records of disposal for this year. Provide disposal record for the last antifreeze pickup. If it has been over 90 days, schedule a pickup. If the facility does not generate much waste antifreeze, it is suggested they reduce the tank size to a 55 gallon container (drum) in order to use the satellite accumulation rule (and also so the facility will not need to get a waste tank assessment)
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-31-2016
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 07/22/2016. Facility has marked on monitoring plan that the USTs are fiberglass primary and secondary when they are actually steel. Also ensure that you have noted the correct annular space sensor as well. Tanks are modern welding.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Violation Date:	06-12-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/12/2019. The facility information for the hazardous waste label on the waste antifreeze drum was missing. A new label was completed during inspection and placed on the AST.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-27-2021
Citation:	22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description:	Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes:	A tank assessment was not provided at the time of the inspection for the used oil and used antifreeze tanks. Provide a copy of the hazardous waste tank assessment for both tanks to the inspector within the comply by date. If the facility does not generate much waste antifreeze, it is suggested they reduce the tank size to a 55 gallon container (drum) in order to use the satellite accumulation rule (and also so the facility will not need to get a waste tank assessment)
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	06-28-2020
Citation:	HSC 6.7 25291(a)(2) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(2)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 02/11/2021. The product piping for the regular unleaded fuel system failed the SB989 testing. Repair must be cmpleted and re-tested within 6 months from the date (5/7/2020) the failure was condfirmed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-22-2018

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Citation:	HSC 6.7 25291(a)(1) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(1)
Violation Description:	Failure to construct, operate, and maintain primary containment as product-tight.
Violation Notes:	Returned to compliance on 07/31/2018. Regular gasoline tank had water intrusion. High water warning was noted on the 11/17 DO report. The high water warning became constant starting 1/2018 and was noted on every DO report for 2018 (even on the 5/8/2018 DO report). Facility representative (Kirk Blanz) stated they stopped using the gasoline tank due to water in the tank. Kirk stated repairs have been completed. However, at time of 2018 UST inspection, such repair report was not available. Facility needs to summarize all actions taken to address the high-water issue in the regular gasoline tank within 10 days and if repair has been done, a report needs to be submitted within 30 days. It is unclear at this time whether a permit should have been obtained from San Mateo County Health Services due to lack of information at the time of inspection. Mr. Rick Roybal seemed to be theb individual authorizing and signing for repair work order. Mr. Roybal is out of the office until 5/27/2018.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-25-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 08/30/2017. Please notify property owner in writing that facility is subject to HMBP reporting requirement. Property owner may request a copy of the HMBP.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-25-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 01/18/2018. Please include the de-greaser in the chemical inventory.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	06-12-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Violation Description:	Failure to ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards.
Violation Notes:	Returned to compliance on 07/11/2019. AST monthly tank inspection is documented and included in the Monthly Safety and Environmental Checklist. At the time of inspection, only the May 2019 record was available while the previous records for 2019 were apparently misplaced. Locate the missing reports for the past 12 months and placed them in the appropriate folder
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-25-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/30/2017. Facility has the following containers that needed to be labeled as Empty Daily : 1. Trough for the used oil 2. A round collection pan 3. A small rectangle container whose purpose is to collect drips from the used oil hose line. Also, the 55 gallon waste paper filter drum needs to have a hazardous waste label.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-22-2018
Citation:	HSC 6.7 25295(a)(1) - California Health and Safety Code, Chapter 6.7, Section(s) 25295(a)(1)
Violation Description:	Failure to notify and/or prepare a report to the UPA upon discovery of a reportable or failed to record unauthorized release.
Violation Notes:	Returned to compliance on 07/31/2018. Facility failed to notify the County regarding the water intrusion situation for the regular gas tank. Facility needs to summarize the how and when the water intrusion was noted and what remediation has been taken to address the situation within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	56073
Site Name:	Penske Truck Leasing Co., LP
Violation Date:	05-25-2017
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 08/30/2017. The 3 containers referenced above can't be closed, label each container with "Empty Daily" signs.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 05-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-31-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-31-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-08-2015
Violations Found: No

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-11-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: Used oil stored in the 500 gallon AST Waste antifreeze fuel filters Oil water clean out sludge All the waste listed above are picked up by Safety Kleen. 599 tons of waste generated for 2018. Significant increase of waste generated in 2017 to 2019 is largely due to fuel removal from UST to facilitate repair.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-20-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-02-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-03-2017

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-31-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-09-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	approved
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-23-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility has SPCC plan on site dated 7/4/2014.

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-27-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspection conducted during the COVID 19 pandemic. Signature not obtained to promote social distancing. Report filled out off site. Hazardous waste streams generated: Used oil ~ 400 gallons disposed of monthly, pickups 2 x mo Used antifreeze - less than 200 gallons disposed of annually Used oil filters (metal) - disposed of monthly, ~ 2 x 55 gallon drums Used oil filters (paper) - disposed of monthly, ~ 2 x 55 gallon drums Used absorbent ~ 1 x 55 gallon drum quarterly Parts wash waste - quarterly Sporadic generation of waste gas/diesel Waste batteries (lead acid, and small lithium) Universal waste Clarifier pumped out every 6 months Facility can oscillate between SQG and LQG status, LQG at the time of the inspection, and for 2021.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-14-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility has double UST systems but it is also doing CSLD testing All CSLD tests past for the past 12 months. Tanknology was 1 hour late due to traffic.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-22-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility has a 110 gallon waste antifreeze poly drum and a 1000 gallon used oil tank. When used oil is collected it is emptied into a trough then gets pumped into the above ground storage tank. Facility separates out metal and paper filters. Facility has a absorbent drum.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-27-2021

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspection conducted during the COVID 19 pandemic. Signature not obtained to promote social distancing. Report filled out off site. Facility has a 500 gallon used oil AST, a 1100 gallon new oil AST, a 500 gallon oil water separator and ~10 x 55 gallon drums of new petroleum products. Facility has also has two USTs.
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-31-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-04-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-12-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The last HMBP was submitted on 1/11/2019 via CERS
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-12-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility has a 500 gallon used oil AST, a 1100 gallon new oil AST, a 500 gallon oil water separator and five 55 gallon drums of new petroleum products. Facility has also has two USTs.
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval General Type:	Other/Unknown
Eval Date:	06-15-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	07-10-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	07-29-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	08-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	08-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	08-10-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The trough and round pan were marked "Empty Daily" but the small rectangle container still needs to be marked. The waste paper drum has no label. Bob told me that it was a different drum since my last inspection. Provided labels.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval General Type: Other/Unknown
Eval Date: 08-11-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-30-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: failed Sb989 rpt
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-03-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The latest HMBP was submitted on 1/15/2020 via CERS.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-21-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-06-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-15-2017
Violations Found: No

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-16-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-23-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-17-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-07-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-12-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-22-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Product pipings are flexible piping. There are 3 islands. The middle island houses both diesel dispenser and regular gasoline dispensers. The 2 islands north and south of the middle island only dispense diesel. A total of 3 dispensers for diesel and one dispenser for gasoline. Tanknology is also performing SB989 testing today. The sump for gasoline can t be tested as the boot is completely disintegrated. Facility is not certain who owns the USTs. Facility will find it out. Last UST submission was in 4/2017. Some information submitted was inaccurate. inspector will mark the changes and c
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-31-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval Date: 06-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-12-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-18-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: This inspection form is completed based on the Annual Monitoring Certification report as well as the SB989 testing report submitted by Tanknology on 5/19/2020. The Annual Monitoring Certification was performed on 5/12/2020. The SB989 triennial test was performed on 5/7/2020 according to the reports. The next annual monitoring certification is due next May of 2021. Due to Shelter in Place Order, San Mateo County representative was not on site to witness the actual testing events a
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-08-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-10-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-18-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-03-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: Used oil stored in a 500 AST Waste antifreeze in a 55 gallon poly drum Waste absorbent stored in a 55 gallon steel drum. Aerosol cans stored in a 30 gallon container. Clarifier waste (pumped out every 6 months)
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-04-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-10-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-08-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-13-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-14-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval General Type: Other/Unknown
Eval Date: 06-23-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-28-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-30-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: History and test reports for water in tank.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-08-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-10-2018
Violations Found: No

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-23-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-31-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-04-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-14-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-23-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-16-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-25-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility has a 1000 gallon APS Tank.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Motor Oil 1,000 gallons + 6 X 55 gallon drums Used Oil 500 gallons Truck Wash Soap 55 gallons Windshield Washer Fluid 140 gallons Grease 55 gallons Refrigerant 90 pounds Diesel P 20,000 gallons Parts Washer Solution 30 gallons Transmission Fluid = 4 X 55 gallons Used Oil Filters 110 gallons Oxygen 500 cubic feet Gasoline 12,000 gallons Diesel Exhaust Fluid 680 gallons Used Antifreeze 275 gallons Nitrogen Gas 250 cubic feet Degreaser 80 gallons
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: used oil, anti freeze, filters, parts washer waste, oil and water separator sludge.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2015

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Penske Truck Leasing Co., LP
Entity Title: Not reported
Affiliation Address: Route 10, Green Hills, P O Box 7635
Affiliation City: Reading
Affiliation State: PA
Affiliation Country: United States
Affiliation Zip: 19603-7635
Affiliation Phone: (610) 775-6298,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Environmental Contact
Entity Name: Brian Yazemboski
Entity Title: Not reported
Affiliation Address: Rt 10, Green Hills, P O Box 7635
Affiliation City: Reading
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 19603-7635
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: Rt 10, Green Hills, P O Box 7635
Affiliation City: Reading
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 196037635
Affiliation Phone: ,

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Affiliation Type Desc:	Identification Signer
Entity Name:	Brian Yazemboski
Entity Title:	Manager Environmental Services
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Penske Truck Leasing Co., LP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(610) 775-6298,

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Albert P. Labarthe
Entity Title:	Not reported
Affiliation Address:	2180 Geary Road, #19
Affiliation City:	Pleasant Hill
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94523
Affiliation Phone:	(925) 943-5248,

Affiliation Type Desc:	Document Preparer
Entity Name:	Rita J Trupp
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Penske Truck Leasing Co., L.P.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Brian Yazemboski
Entity Title:	Mgr Environmental Sve
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

PENSKE TRUCK LEASING CO., LP (Continued) **S121788059**

Affiliation Zip:	Not reported
Affiliation Phone:	(610) 603-8450,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	Penske Truck Leasing Co., LP
Entity Title:	Not reported
Affiliation Address:	Rt 10, Green Hills, P O Box 7635
Affiliation City:	Reading
Affiliation State:	PA
Affiliation Country:	United States
Affiliation Zip:	19603-7635
Affiliation Phone:	(610) 775-6298,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Penske Truck Leasing Co., LP
Entity Title:	Not reported
Affiliation Address:	Rt 10, Green Hills, P O Box 7635
Affiliation City:	Reading
Affiliation State:	PA
Affiliation Country:	United States
Affiliation Zip:	19603-7635
Affiliation Phone:	(610) 775-6298,

AR447 **RMD AUTO BODY** **RCRA NonGen / NLR** **1024863759**
SW **1229 MONTGOMERY AVE** **CAL000432309**
1/8-1/4 **SAN BRUNO, CA 94066**
0.247 mi.
1302 ft. **Site 10 of 13 in cluster AR**

Relative: **Higher**

Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20171122
Handler Name:	RMD AUTO BODY	
Handler Address:		1229 MONTGOMERY AVE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAL000432309
Contact Name:		HAITHAM H AL HAFNAWI
Contact Address:		1229 MONTGOMERY AVE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		650-588-0890
Contact Fax:		650-588-0891
Contact Email:		RMDBODYSHOP@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1229 MONTGOMERY AVE
Mailing City,State,Zip:		SAN BRUNO, CA 94066
Owner Name:		HAITHAM AL HAFNA
Owner Type:		Other
Operator Name:		HAITHAM H AL HAFNAWI
Operator Type:		Other

RMD AUTO BODY (Continued) **1024863759**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

RMD AUTO BODY (Continued) **1024863759**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAITHAM H AL HAFNAWI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1229 MONTGOMERY AVE
Owner/Operator City,State,Zip:	SAN BRUNO, CA 94066
Owner/Operator Telephone:	650-588-0890
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAITHAM AL HAFNA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	821 SHELL BLVD STE 203
Owner/Operator City,State,Zip:	FOSTER CITY, CA 94404
Owner/Operator Telephone:	650-588-0890
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20171122
Handler Name: RMD AUTO BODY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AR448 **MUSCAT AUTO BODY** **San Mateo Co. BI** **S121700724**
SW **1229 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.247 mi.
1302 ft. **Site 11 of 13 in cluster AR**

Relative: **Higher**

Actual: **21 ft.**

San Mateo Co. BI:

Name:	MUSCAT AUTO BODY
Address:	1229 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0025500
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0034071
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	MUSCAT AUTO BODY
Address:	1229 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0025500
Prog Element Code:	BUSINESS PLAN - GENERAL
Record Id:	PR0034072
Description:	BUSINESS PLAN - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	MUSCAT AUTO BODY
Address:	1229 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0025500
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043541
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	MUSCAT AUTO BODY
Address:	1229 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0025500
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0050390
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AR449 **RMD AUTO LLC** **San Mateo Co. BI** **S123184337**
SW **1229 MONTGOMERY** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066**
0.247 mi.
1302 ft. **Site 12 of 13 in cluster AR**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:

Name:	RMD AUTO LLC
Address:	1229 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0062985
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0085901
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

AR450 **MUSCAT AUTOBODY** **San Mateo Co. BI** **S113102957**
SW **1229 MONTGOMERY** **HAZNET** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **HWTS**
0.247 mi.
1302 ft. **Site 13 of 13 in cluster AR**

Relative:
Higher

Actual:
21 ft.

San Mateo Co. BI:

Name:	RMD AUTO BODY LLC
Address:	1229 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0054705
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0075426
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	RMD AUTO BODY LLC
Address:	1229 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0054705
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0075427
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

HAZNET:

Name:	MUSCAT AUTOBODY
Address:	1229 MONTGOMERY
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940660000
Contact:	RONALD H MAGANA
Telephone:	6505880890
Mailing Name:	Not reported
Mailing Address:	PO BOX 1546
Year:	2018
Gepaid:	CAL000200400

MUSCAT AUTOBODY (Continued) **S113102957**

TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.37800

Year: 2018
Gepaid: CAL000200400
TSD EPA ID: CAT080013352
CA Waste Code: 341 - Organic liquids (nonsolvents) with halogens
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.25020

Year: 2018
Gepaid: CAL000200400
TSD EPA ID: CAT080013352
CA Waste Code: 341 - Organic liquids (nonsolvents) with halogens
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.37530

Year: 2018
Gepaid: CAL000200400
TSD EPA ID: CAT080013352
CA Waste Code: 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.12510

Year: 2018
Gepaid: CAL000200400
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.10200

Year: 2017
Gepaid: CAL000200400
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.204

Year: 2017
Gepaid: CAL000200400
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.231

Year: 2017

MUSCAT AUTOBODY (Continued) **S113102957**

Gepaid:	CAL000200400
TSD EPA ID:	CAT080013352
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.108
Year:	2013
Gepaid:	CAL000200400
TSD EPA ID:	CAD059494310
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1224
Year:	2013
Gepaid:	CAL000200400
TSD EPA ID:	NVT330010000
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.0408

Click this hyperlink while viewing on your computer to access
27 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2010
Gen EPA ID:	CAL000200400
Shipment Date:	20100804
Creation Date:	2/1/2011 18:30:18
Receipt Date:	20100812
Manifest ID:	006494970JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC RESOURCE RECOVERY
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.126
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100804
Creation Date:	2/1/2011 18:30:18
Receipt Date:	20100812

MUSCAT AUTOBODY (Continued) **S113102957**

Manifest ID:	006494970JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC RESOURCE RECOVERY
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100405
Creation Date:	12/16/2010 18:30:53
Receipt Date:	20100415
Manifest ID:	006490549JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC RESOURCE RECOVERY
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100405
Creation Date:	12/16/2010 18:30:53
Receipt Date:	20100415
Manifest ID:	006490842JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC RESOURCE RECOVERY
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAL000200400
Shipment Date:	20010906
Creation Date:	11/1/2001 0:00:00
Receipt Date:	20010913
Manifest ID:	20929190
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1296
Waste Quantity:	36
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010906
Creation Date:	11/1/2001 0:00:00
Receipt Date:	20010913
Manifest ID:	20929190
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0

MUSCAT AUTOBODY (Continued) **S113102957**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010604
Creation Date:	7/30/2001 0:00:00
Receipt Date:	20010608
Manifest ID:	20926521
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010403
Creation Date:	6/20/2001 0:00:00
Receipt Date:	20010430
Manifest ID:	20700407
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010403
Creation Date:	6/20/2001 0:00:00

MUSCAT AUTOBODY (Continued) **S113102957**

Receipt Date:	20010430
Manifest ID:	20700407
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1548
Waste Quantity:	43
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010116
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010122
Manifest ID:	20610097
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1476
Waste Quantity:	41
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAL000200400

Shipment Date:	20021016
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20021024
Manifest ID:	21949242
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020529
Creation Date:	8/5/2002 18:31:21
Receipt Date:	20020603
Manifest ID:	21528156
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1728
Waste Quantity:	48
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000200400

Shipment Date:	20060811
Creation Date:	10/5/2006 18:30:55
Receipt Date:	20060815
Manifest ID:	25089898
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060315
Creation Date:	7/27/2006 18:38:26
Receipt Date:	20060321
Manifest ID:	25094124
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.162
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000200400
Shipment Date:	20171130
Creation Date:	8/7/2018 18:30:18
Receipt Date:	20171214
Manifest ID:	016812622JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	CAR000076166
Trans 2 Name:	QUALITY TRANSPORTATION
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.231

MUSCAT AUTOBODY (Continued) **S113102957**

Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171110
Creation Date:	6/13/2018 18:31:23
Receipt Date:	20171115
Manifest ID:	016812547JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170913
Creation Date:	5/30/2018 18:34:06
Receipt Date:	20170919
Manifest ID:	016812450JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Shipment Date:	20170605
Creation Date:	8/12/2018 18:30:07
Receipt Date:	20170613
Manifest ID:	016812187JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000200400
Shipment Date:	20130322
Creation Date:	7/3/2013 22:15:06
Receipt Date:	20130403
Manifest ID:	010189434JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.051
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130322
Creation Date:	8/13/2013 22:15:07
Receipt Date:	20130402

MUSCAT AUTOBODY (Continued) **S113102957**

Manifest ID:	010189435JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0408
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130117
Creation Date:	7/6/2013 22:15:05
Receipt Date:	20130130
Manifest ID:	010188938JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0714
Waste Quantity:	21
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000200400

Shipment Date:	20041207
Creation Date:	2/17/2005 18:32:22
Receipt Date:	20041208
Manifest ID:	23841723
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER

MUSCAT AUTOBODY (Continued) **S113102957**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040806
Creation Date:	11/5/2004 18:30:59
Receipt Date:	20040806
Manifest ID:	23864135
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040305
Creation Date:	1/5/2007 18:31:00
Receipt Date:	20040309
Manifest ID:	22890715
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler

MUSCAT AUTOBODY (Continued) **S113102957**

Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000200400
Shipment Date:	20091013
Creation Date:	6/29/2010 18:30:39
Receipt Date:	20091023
Manifest ID:	004992348JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC RESOURCE RECOVERY
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090506
Creation Date:	10/6/2009 18:30:28
Receipt Date:	20090514
Manifest ID:	005001308JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAR000194837
Trans 2 Name:	PACIFIC COAST LACQUER
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.1944
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001

MUSCAT AUTOBODY (Continued) **S113102957**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000200400
Shipment Date:	20121001
Creation Date:	1/12/2013 22:15:35
Receipt Date:	20121011
Manifest ID:	010687546JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121001
Creation Date:	8/25/2013 22:15:09
Receipt Date:	20121012
Manifest ID:	010687562JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Shipment Date:	20120619
Creation Date:	12/10/2012 22:15:57
Receipt Date:	20120628
Manifest ID:	009821160JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC TRANS
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120305
Creation Date:	8/22/2012 22:15:18
Receipt Date:	20120315
Manifest ID:	009209122JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC TRANS
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120305
Creation Date:	5/4/2013 22:16:20
Receipt Date:	20120312
Manifest ID:	009209130JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC TRANS
Trans 2 EPA ID:	CAR000179382

MUSCAT AUTOBODY (Continued) **S113102957**

Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120104
Creation Date:	6/9/2012 20:30:10
Receipt Date:	20120120
Manifest ID:	009208703JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000200400

Shipment Date:	20071219
Creation Date:	5/30/2008 18:30:22
Receipt Date:	20071226
Manifest ID:	003314112JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC COAST LACQUER
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070731
Creation Date:	12/10/2007 18:30:07
Receipt Date:	20070802
Manifest ID:	001647478JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.162
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070323
Creation Date:	8/23/2007 18:30:20
Receipt Date:	20070327
Manifest ID:	000576416JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.1944
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	Not reported
Additional Code 3:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAL000200400
Shipment Date:	20001031
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001108
Manifest ID:	20417100
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001031
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001108
Manifest ID:	20417100
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1728
Waste Quantity:	48
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

MUSCAT AUTOBODY (Continued) **S113102957**

Year:	2008
Gen EPA ID:	CAL000200400
Shipment Date:	20081114
Creation Date:	4/21/2009 18:30:09
Receipt Date:	20081120
Manifest ID:	004039247JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAR000194837
Trans 2 Name:	PACIFIC COAST LACQUER
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080514
Creation Date:	10/13/2008 18:30:47
Receipt Date:	20080522
Manifest ID:	003327704JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1872
Waste Quantity:	52
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000200400
Shipment Date:	20051012
Creation Date:	12/22/2006 18:30:28

MUSCAT AUTOBODY (Continued) **S113102957**

Receipt Date:	20051018
Manifest ID:	24113530
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.162
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050602
Creation Date:	9/13/2005 18:30:54
Receipt Date:	20050607
Manifest ID:	24100928
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1728
Waste Quantity:	48
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000200400

Shipment Date:	20031217
Creation Date:	8/30/2004 14:52:16
Receipt Date:	20031217
Manifest ID:	22901528
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1332
Waste Quantity:	37
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030917
Creation Date:	8/2/2004 9:37:42
Receipt Date:	20030918
Manifest ID:	22901229
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030529
Creation Date:	9/2/2003 18:31:45
Receipt Date:	20030530
Manifest ID:	22015457
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1512

MUSCAT AUTOBODY (Continued) **S113102957**

Waste Quantity:	42
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030123
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20030123
Manifest ID:	21955511
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1152
Waste Quantity:	32
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000200400
Shipment Date:	20111104
Creation Date:	5/4/2013 22:16:06
Receipt Date:	20111118
Manifest ID:	009208539JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111104
Creation Date:	4/11/2012 20:30:30
Receipt Date:	20111111
Manifest ID:	009208540JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110909
Creation Date:	3/22/2012 20:30:23
Receipt Date:	20110914
Manifest ID:	007886305JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110909
Creation Date:	3/22/2012 20:30:23
Receipt Date:	20110914
Manifest ID:	007886305JJK

MUSCAT AUTOBODY (Continued) **S113102957**

Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110622
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	007886152JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.066
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110622
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	007886152JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.068
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110317
Creation Date:	9/13/2011 18:30:19
Receipt Date:	20110325
Manifest ID:	007417448JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC RESOURCE RECOVERY
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110316
Creation Date:	9/13/2011 18:30:19
Receipt Date:	20110325
Manifest ID:	007417446JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC RESOURCE RECOVERY
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported

MUSCAT AUTOBODY (Continued) **S113102957**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: MUSCAT AUTOBODY
Address: 1229 MONTGOMERY
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940660000
EPA ID: CAL000200400
Inactive Date: 06/18/2013
Create Date: 01/22/1999
Last Act Date: 01/09/2015
Mailing Name: Not reported
Mailing Address: PO BOX 1546
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN BRUNO, CA 940660000
Owner Name: JOEY MUSCAT
Owner Address: 1229 MONTGOMERY AVE
Owner Address 2: Not reported
Owner City,State,Zip: SAN BRUNO, CA 940660000
Contact Name: RONALD H MAGANA
Contact Address: 1229 MONTGOMERY AVE
Contact Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 940660000

NAICS:
EPA ID: CAL000200400
Create Date: 2004-10-20 10:23:57.043
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 1999-01-22 00:00:00
Inactive Date: 2013-06-18 00:00:00
Facility Name: MUSCAT AUTOBODY
Facility Address: 1229 MONTGOMERY
Facility Address 2: Not reported
Facility City: SAN BRUNO
Facility County: Not reported
Facility State: CA
Facility Zip: 940660000

AM451 **UNITED PERFORMANCE CORPORATION** **RCRA NonGen / NLR** **1025867062**
WNW **108 SOUTH LINDEN AVE** **CAL000290633**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.247 mi.
1302 ft. **Site 13 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20050203
Handler Name: UNITED PERFORMANCE CORPORATION
Handler Address: 108 SOUTH LINDEN AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAL000290633
Contact Name: PETER KWONG
Contact Address: 108 SOUTH LINDEN AVE
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

UNITED PERFORMANCE CORPORATION (Continued) **1025867062**

Contact Telephone:	650-583-1828
Contact Fax:	650-583-2388
Contact Email:	UNITEDPERFORMANCE108@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	108 SOUTH LINDEN AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:	UNITED PERFORMANCE CORPORATION
Owner Type:	Other
Operator Name:	PETER KWONG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

UNITED PERFORMANCE CORPORATION (Continued) **1025867062**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190927
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PERFORMANCE CORPORATION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	108 SOUTH LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-0000
Owner/Operator Telephone:	650-583-1828
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PETER KWONG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	108 SOUTH LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-583-1828
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20050203
Handler Name:	UNITED PERFORMANCE CORPORATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

UNITED PERFORMANCE CORPORATION (Continued) **1025867062**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AM452 **FRIENDSHIP PRINTING INC** **LUST** **S113124827**
WNW **108 S LINDEN AVE** **HAZNET** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.247 mi.
1302 ft. **Site 14 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:
Name: U-SAVE PLUMBING HARDWARE
Address: 108 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550168
Facility Status: 9- Case Closed
Global ID: T0608194029
APN Number: 014211030
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HAZNET:
Name: FRIENDSHIP PRINTING INC
Address: 108 S LINDEN AVE
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940806409
Contact: MARIA TAN/BOOKKEEPER
Telephone: 6508731188
Mailing Name: Not reported
Mailing Address: 108 S LINDEN AVE

Year: 2005
Gepaid: CAL000266204
TSD EPA ID: CAT080033681
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.19

Additional Info:
Year: 2005
Gen EPA ID: CAL000266204

Shipment Date: 20050919
Creation Date: 5/24/2006 18:31:13

FRIENDSHIP PRINTING INC (Continued) **S113124827**

Receipt Date:	20050927
Manifest ID:	24061488
Trans EPA ID:	CAR000009910
Trans Name:	CAL ENVIRONMENTAL & LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	FRIENDSHIP PRINTING INC
Address:	108 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806409
EPA ID:	CAL000266204
Inactive Date:	04/14/2005
Create Date:	02/10/2003
Last Act Date:	05/25/2007
Mailing Name:	Not reported
Mailing Address:	108 S LINDEN AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806409
Owner Name:	FRIENDSHIP PRINTING INC
Owner Address:	108 S LINDEN AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact Name:	MARIA TAN/BOOKKEEPER
Contact Address:	108 S LINDEN AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806409

NAICS:

EPA ID:	CAL000266204
Create Date:	2003-02-10 15:51:27.623
NAICS Code:	323111
NAICS Description:	Commercial Gravure Printing
Issued EPA ID Date:	2003-02-10 15:51:27.56000
Inactive Date:	2005-04-14 00:00:00
Facility Name:	FRIENDSHIP PRINTING INC
Facility Address:	108 S LINDEN AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA

FRIENDSHIP PRINTING INC (Continued) **S113124827**

Facility Zip:	940806409
EPA ID:	CAL000266204
Create Date:	2003-02-10 15:51:27.623
NAICS Code:	323111
NAICS Description:	Commercial Printing (except Screen and Books)
Issued EPA ID Date:	2003-02-10 15:51:27.56000
Inactive Date:	2005-04-14 00:00:00
Facility Name:	FRIENDSHIP PRINTING INC
Facility Address:	108 S LINDEN AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940806409

AM453 **U-SAVE PLUMBING HARDWARE** **LUST** **S105481873**
WNW **108 LINDEN** **San Mateo Co. BI** **N/A**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **Cortese**
0.247 mi.
1302 ft. **Site 15 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

LUST:

Name:	U-SAVE PLUMBING HARDWARE
Address:	108 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608194029
Global Id:	T0608194029
Latitude:	37.646128763555
Longitude:	-122.413637638092
Status:	Completed - Case Closed
Status Date:	02/21/2003
Case Worker:	JM
RB Case Number:	41-1280
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550168
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608194029
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608194029
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP

U-SAVE PLUMBING HARDWARE (Continued) **S105481873**

Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608194029
Action Type: ENFORCEMENT
Date: 02/21/2003
Action: Deed Restriction / Land Use Restriction / Covenant

Global Id: T0608194029
Action Type: ENFORCEMENT
Date: 03/08/2001
Action: Notice of Responsibility - #1

Global Id: T0608194029
Action Type: ENFORCEMENT
Date: 02/21/2003
Action: Closure/No Further Action Letter - #2

Global Id: T0608194029
Action Type: Other
Date: 03/02/2001
Action: Leak Reported

LUST:
Global Id: T0608194029
Status: Open - Case Begin Date
Status Date: 03/02/2001

Global Id: T0608194029
Status: Open - Site Assessment
Status Date: 03/02/2001

Global Id: T0608194029
Status: Completed - Case Closed
Status Date: 02/21/2003

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550168
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/1/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

U-SAVE PLUMBING HARDWARE (Continued) **S105481873**

San Mateo Co. BI:

Name:	FRIENDSHIP PRINTING
Address:	108 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027540
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0044045
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	FRIENDSHIP PRINTING
Address:	108 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027540
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0044044
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	UNITED PERFORMANCE CORP
Address:	108 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0029163
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0049409
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	UNITED PERFORMANCE CORP
Address:	108 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0029163
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0049410
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

CORTESE:

Name:	U-SAVE PLUMBING HARDWARE
Address:	108 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608194029
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported

U-SAVE PLUMBING HARDWARE (Continued) **S105481873**

Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

AM454 **U-SAVE PLUMBING HARDWARE** **DEED S113757772**
WNW **108 SOUTH LINDEN AVENUE** **CERS N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.247 mi.
1302 ft. **Site 16 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

DEED:

Name:	U-SAVE PLUMBING HARDWARE
Address:	108 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Envirostor ID:	T0608194029
Area:	Not reported
Sub Area:	Not reported
Site Type:	LUFT
Status:	COMPLETED - CASE CLOSED
Agency:	SWRCB
Covenant Uploaded:	Y
Deed Date(s):	02/21/2003
File Name:	Geotracker Land Use/Deed Restrictions

CERS:

Name:	U-SAVE PLUMBING HARDWARE
Address:	108 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	235509
CERS ID:	T0608194029
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400

U-SAVE PLUMBING HARDWARE (Continued) **S113757772**

Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AM455 **UNITED PERFORMANCE CORP** **CERS HAZ WASTE** **S121748789**
WNW **108 S LINDEN** **CERS** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.247 mi.
1302 ft. **Site 17 of 17 in cluster AM**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	UNITED PERFORMANCE CORP
Address:	108 S LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	164682
CERS ID:	10069306
CERS Description:	Hazardous Waste Generator

CERS:

Name:	UNITED PERFORMANCE CORP
Address:	108 S LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	164682
CERS ID:	10069306
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	164682
Site Name:	UNITED PERFORMANCE CORP
Violation Date:	07-03-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/27/2021. The hazardous waste label must be on the used oil tank itself, posting it on the wall is not sufficient. The information on the hazardous waste label on the waste coolant drum was not readable. Place a new hazardous waste label on the drum. Use the labels provided. After you have places a new hazardous waste labels on the used oil tank and waste coolant drum please take a photo of each and email them to me to show compliance. Do so ASAP but no later then 30 days
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	164682
Site Name:	UNITED PERFORMANCE CORP
Violation Date:	09-06-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in

UNITED PERFORMANCE CORP (Continued) **S121748789**

	safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 10/06/2017. Conduct employee training and document within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	164682
Site Name:	UNITED PERFORMANCE CORP
Violation Date:	06-27-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 07/19/2018. The used oil filters 55 gallon drum full and the lid could not be secured this is considered to be an open container. There was one 5 gallon containers, 2 oil pans and one square metal container all are holding oil filters. None of these containers are closed and have no hazardous waste labels. Owner called World Oil during inspection and World Oil stated they will pick up the filters in 3 days. In the future all containers holding waste, such as used oil, antifreeze and filters need to be closed and be properly labeled. The 15 gallon container holding used oil from filter crushing needs to be closed and labeled unless it can be either retrofitted so that it can be properly closed or empty right away.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	164682
Site Name:	UNITED PERFORMANCE CORP
Violation Date:	04-13-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/26/2017.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	164682
Site Name:	UNITED PERFORMANCE CORP
Violation Date:	07-03-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date.
Violation Notes:	Returned to compliance on 01/27/2021. Use hazardous waste label

UNITED PERFORMANCE CORP (Continued) **S121748789**

	provided and label the used oil tank with itl
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	164682
Site Name:	UNITED PERFORMANCE CORP
Violation Date:	09-06-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 10/06/2017. Please mark locations of fire extinguishers, Evacuation assembly area, Please mark locations of fire extinguishers, Evacuation assembly area, and fire hydrant on facility map then upload the updated map and submit the HMBP again.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	164682
Site Name:	UNITED PERFORMANCE CORP
Violation Date:	06-27-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 03/12/2019. Facility needs to re-activate its EPA ID# by completing the eVQ Questionnaire at: https://evq.dtsc.ca.gov/Home.aspx
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	164682
Site Name:	UNITED PERFORMANCE CORP
Violation Date:	06-27-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 07/17/2018. The used oil filters 55 gallon drum full and the lid could not be secured this is considered to be an open container. There was one 5 gallon containers, 2 oil pans and one square metal container all are holding oil filters. None of these containers are closed and have no hazardous waste labels. Owner called World Oil during inspection and World Oil stated they will pick up the filters in 3 days. In the future all containers holding waste, such as used oil, antifreeze and filters need to be closed and be properly labeled. The 15 gallon container holding used oil from filter crushing needs to be closed and labeled unless it can be either retrofitted so that it can be properly closed or empty right away.
Violation Division:	San Mateo County Environmental Health

UNITED PERFORMANCE CORP (Continued) **S121748789**

Violation Program: HW
Violation Source: CERS,

Site ID: 164682
Site Name: UNITED PERFORMANCE CORP
Violation Date: 07-03-2020
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 01/27/2021. There is a 5 gallon container situated under the filter crusher. Either label the conatiner "Empty Daily" and empty the used oil at the end of each day or close the top when not in use and label it with a completed hazardous waste label ASAP but no later then 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 164682
Site Name: UNITED PERFORMANCE CORP
Violation Date: 06-27-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 08/09/2018. Please update the maximum storage quantity of used oil and new oil from 110 gallons to 220 gallons in the HMBP.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-08-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

UNITED PERFORMANCE CORP (Continued) **S121748789**

Eval General Type:	Other/Unknown
Eval Date:	03-07-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Epa id STILL Inactive, DTSC needs to speak to owner to change the email contact info. Facility couldn't rememebr (although I have foreard him the #). Will email him the DTSC conatct info.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-13-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-15-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-17-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	on site to assist reactivate EPA ID#. Called evq to change email, register and complete questionnaire.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-27-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: used oil, waste antifreeze, oil filters.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-02-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: used oil (3 pick ups this year), one waste coolant pick up for 2020 thus far, one paper and two metal filters disposal episodes for 2020 thus far.
Eval Division:	San Mateo County Environmental Health

UNITED PERFORMANCE CORP (Continued) **S121748789**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility has not followed up on the reactivation of EPA ID#. Informed facility to contact DTSC and explain the email issues. Adm. assistant stated they have been short or help for over 2 month.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-14-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: cupa week
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-10-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

UNITED PERFORMANCE CORP (Continued) **S121748789**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-17-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-09-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-29-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-03-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-05-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: waste antifreeze drum has been relocated to allow proper aisle space
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown

UNITED PERFORMANCE CORP (Continued) **S121748789**

Eval Date: 08-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-15-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-26-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Outstanding violation
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-02-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Last HMBP submission was on 6/9/2017. Business owner is the property owner. Assisted business with facility map. peterk8899@yahoo.com
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-23-2015
Violations Found: No

UNITED PERFORMANCE CORP (Continued) **S121748789**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-10-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-07-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-16-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	dropped off labels. and explain they must be placed on the conatiner/tanks.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-13-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-27-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Last HMBP submission was on 9/7/2017
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-02-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The latest HMBP was submitted on 2/20/2020 and it was subsequently

UNITED PERFORMANCE CORP (Continued) **S121748789**

	accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-16-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-02-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-18-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-06-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: Used oil, waste anti freeze, paper filters, metal filters, batteries. Fire extinguishers serviced in 1/2017. peterk8899@yahoo.com
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-17-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-30-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

UNITED PERFORMANCE CORP (Continued) **S121748789**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-09-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-14-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

UNITED PERFORMANCE CORP (Continued) **S121748789**

Enforcement Action:

Site ID:	164682
Site Name:	UNITED PERFORMANCE CORP
Site Address:	108 S LINDEN
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	02-01-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	3/11/19: 1 violation open EPA ID on 3/15/19 - per USPS tracking website NOV certified letter mailed 2/1/19 was rescheduled by USPS to be delivered on 2/12/19. No further info posted. 4/8/19: 1 VIOLATION OPEN EPA ID # 8/5/19: RESOLVED.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Kwong
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Peter Kwong
Entity Title:	owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	UNITED PERFORMANCE CORP
Entity Title:	Not reported
Affiliation Address:	108 LINDEN
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 583-1828,
Affiliation Type Desc:	Operator
Entity Name:	Peter Kwong
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

UNITED PERFORMANCE CORP (Continued) **S121748789**

Affiliation Phone: (650) 583-1828,

Affiliation Type Desc: Parent Corporation
Entity Name: UNITED PERFORMANCE CORP
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 108 S LINDEN
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Peter Kwong
Entity Title: Not reported
Affiliation Address: 108 S LINDEN
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

AV456 **TRANSFUSION HEALTH LLC** **RCRA NonGen / NLR** **1025872895**
North **16 AIRPORT BLVD STE G** **CAL000446019**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.247 mi.
1304 ft. **Site 1 of 4 in cluster AV**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20190516
Handler Name: TRANSFUSION HEALTH LLC
Handler Address: 16 AIRPORT BLVD STE G
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAL000446019
Contact Name: ALICIA ROMERO
Contact Address: 16 AIRPORT BLVD STE G
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

TRANSFUSION HEALTH LLC (Continued) **1025872895**

Contact Telephone:	925-826-7705
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	16 AIRPORT BLVD STE G
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	ALEX JACODSON
Owner Type:	Other
Operator Name:	ALICIA ROMERO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

TRANSFUSION HEALTH LLC (Continued) **1025872895**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALEX JACODSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16 AIRPORT BLVD STE G
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	917-770-6565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALICIA ROMERO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16 AIRPORT BLVD STE G
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	925-826-7705
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190516
Handler Name: TRANSFUSION HEALTH LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

TRANSFUSION HEALTH LLC (Continued) **1025872895**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AI457 **UNIQUE CUSTOM COLLISION CENTER** **FINDS** **1006825581**
SW **1200 MONTGOMERY AVE** **ECHO** **N/A**
1/8-1/4 **SAN BRUNO, CA 94066** **San Mateo Co. BI**
0.247 mi. **EMI**
1304 ft. **Site 30 of 31 in cluster AI**

Relative:
Higher

Actual:
21 ft.

FINDS:
Registry ID: 110013846053

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1006825581
Registry ID: 110013846053
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110013846053
Name: UNIQUE CUSTOM COLLISION CENTER
Address: 1200 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 94066

San Mateo Co. BI:
Name: UNIQUE CUSTOM COLLISION CENTER
Address: 1200 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0025354
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043497
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

UNIQUE CUSTOM COLLISION CENTER (Continued) **1006825581**

Name:	UNIQUE CUSTOM COLLISION CENTER
Address:	1200 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0025354
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0033778
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	UNIQUE CUSTOM COLLISION CENTER
Address:	1200 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	SAN MATEO
Facility ID:	FA0025354
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0033777
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

EMI:

Name:	CALIFORNIA ETCHING CORPORATION
Address:	1200 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 940662401
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	742
Air District Name:	BA
SIC Code:	3479
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PAUL'S AUTO BODY
Address:	1200 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 940662401
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	12141
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0

UNIQUE CUSTOM COLLISION CENTER (Continued) **1006825581**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PAUL'S AUTO BODY
Address: 1200 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 940662401
Year: 2000
County Code: 41
Air Basin: SF
Facility ID: 12141
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PAUL'S AUTO BODY
Address: 1200 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 940662401
Year: 2001
County Code: 41
Air Basin: SF
Facility ID: 12141
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PAUL'S AUTO BODY
Address: 1200 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA 940662401
Year: 2002
County Code: 41
Air Basin: SF
Facility ID: 12141
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported

UNIQUE CUSTOM COLLISION CENTER (Continued) **1006825581**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MARIO'S AUTO BODY
Address:	1200 MONTGOMERY AVE
City,State,Zip:	SAN BRUNO, CA 940662401
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	15932
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

AI458 **UNIQUE CUSTOM COLLISION CENTER** **RCRA NonGen / NLR** **1024815456**
SW **1200 MONTGOMERY AVE** **CAL000313602**
1/8-1/4 **SAN BRUNO, CA 94066**
0.247 mi.
1304 ft. **Site 31 of 31 in cluster AI**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20061120
Handler Name:	UNIQUE CUSTOM COLLISION CENTER
Handler Address:	1200 MONTGOMERY AVE
Handler City,State,Zip:	SAN BRUNO, CA 94066-1522
EPA ID:	CAL000313602
Contact Name:	MICHAELANGELO MARCANTONIO
Contact Address:	1200 MONTGOMERY AVE
Contact City,State,Zip:	SAN BRUNO, CA 94066-1522
Contact Telephone:	415-756-7994
Contact Fax:	650-588-8853
Contact Email:	UCAMAIL1@AOL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1200 MONTGOMERY AVE

UNIQUE CUSTOM COLLISION CENTER (Continued) **1024815456**

Mailing City,State,Zip:	SAN BRUNO, CA 94066-1522
Owner Name:	MICHAELANGELO MARCANTONIO
Owner Type:	Other
Operator Name:	MICHAELANGELO MARCANTONIO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

UNIQUE CUSTOM COLLISION CENTER (Continued) **1024815456**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MICHAELANGELO MARCANTONIO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1200 MONTGOMERY AVE
Owner/Operator City,State,Zip: SAN BRUNO, CA 94066-1522
Owner/Operator Telephone: 415-756-7994
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MICHAELANGELO MARCANTONIO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1200 MONTGOMERY AVE
Owner/Operator City,State,Zip: SAN BRUNO, CA 94066-1522
Owner/Operator Telephone: 650-952-2532
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20061120
Handler Name: UNIQUE CUSTOM COLLISION CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AV459 **WESTERN PAINTING CO** **San Mateo Co. BI** **S117398195**
North **21 AIRPORT** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.247 mi.
1306 ft. **Site 2 of 4 in cluster AV**

Relative: **Higher**
Actual: **24 ft.**

San Mateo Co. BI:

Name:	WESTERN PAINTING CO
Address:	21 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027652
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0044401
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	WESTERN PAINTING CO
Address:	21 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027652
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0044400
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

AV460 **ANTECH DIAGNOSTICS SAN FRANCISCO** **RCRA NonGen / NLR** **1025871290**
North **21 AIRPORT BLVD** **CAL000444402**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.247 mi.
1306 ft. **Site 3 of 4 in cluster AV**

Relative: **Higher**
Actual: **24 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20190315
Handler Name:	ANTECH DIAGNOSTICS SAN FRANCISCO
Handler Address:	21 AIRPORT BLVD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000444402
Contact Name:	JESSE WYWADIS
Contact Address:	21 AIRPORT BLVD
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	562-708-2545
Contact Fax:	310-442-4516
Contact Email:	JESSE.WYWADIS@ANTECHMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	17620 MT HERRMANN ST
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	ANTECH DIAGNOSTICS INC

ANTECH DIAGNOSTICS SAN FRANCISCO (Continued) **1025871290**

Owner Type:	Other
Operator Name:	JESSE WYWADIS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

ANTECH DIAGNOSTICS SAN FRANCISCO (Continued) **1025871290**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ANTECH DIAGNOSTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 17620 MT HERRMANN ST
Owner/Operator City,State,Zip: FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone: 657-304-2657
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JESSE WYWADIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 21 AIRPORT BLVD
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 562-708-2545
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190315
Handler Name: ANTECH DIAGNOSTICS SAN FRANCISCO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 621512
NAICS Description: DIAGNOSTIC IMAGING CENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AV461 **ANTECH DIAGNOSTICS - SF** **San Mateo Co. BI** **S123184371**
North **21 AIRPORT** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.247 mi.
1306 ft. **Site 4 of 4 in cluster AV**

Relative: **Higher**
Actual: **24 ft.**

San Mateo Co. BI:

Name:	ANTECH DIAGNOSTICS - SF
Address:	21 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0064126
Prog Element Code:	SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id:	PR0086972
Description:	SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status:	Active, billable
Program Category:	MEDICAL WASTE

Name:	ANTECH DIAGNOSTICS - SF
Address:	21 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0064126
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0088416
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

AO462 **JP AUTO BODY** **RCRA NonGen / NLR** **1024833424**
WNW **112 S LINDEN AVE** **CAL000372689**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080**
0.248 mi.
1308 ft. **Site 14 of 17 in cluster AO**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20120316
Handler Name:	JP AUTO BODY	
Handler Address:		112 S LINDEN AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAL000372689
Contact Name:		JOHNNY ZHANG
Contact Address:		112 S LINDEN AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		650-877-9777
Contact Fax:		650-877-9778
Contact Email:		JPAUTOBODY112@HOTMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		112 S LINDEN AVE
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080-0000
Owner Name:		JOHNNY ZHANG

JP AUTO BODY (Continued) **1024833424**

Owner Type:	Other
Operator Name:	JOHNNY ZHANG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

JP AUTO BODY (Continued) **1024833424**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNNY ZHANG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	559 35TH AVE
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94121-0000
Owner/Operator Telephone:	415-317-7375
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHNNY ZHANG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	112 S LINDEN AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-877-9777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20120316
Handler Name: JP AUTO BODY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

AO463 **SHERWIN WILLIAMS CO** **RCRA NonGen / NLR** **1000371852**
WNW **112 S LINDEN AVE** **FINDS** **CAT000619296**
1/8-1/4 **S SAN FRANCISCO, CA 94080** **ECHO**
0.248 mi.
1308 ft. **Site 15 of 17 in cluster AO**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20000417
Handler Name:	SHERWIN WILLIAMS CO	
Handler Address:		112 S LINDEN AVE
Handler City,State,Zip:		S SAN FRANCISCO, CA 94080
EPA ID:		CAT000619296
Contact Name:		SANDRA BASHAM
Contact Address:		112 SOUTH LINDEN AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:		216-566-1710
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		112 S LINDEN AVE
Mailing City,State,Zip:		S SAN FRANCISCO, CA 94080
Owner Name:		NOT REQUIRED
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SHERWIN WILLIAMS CO (Continued) **1000371852**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SHERWIN WILLIAMS CO (Continued) **1000371852**

Historic Generators:
Receive Date: 20000417
Handler Name: SHERWIN WILLIAMS CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002944173

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000371852
Registry ID: 110002944173
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002944173
Name: SHERWIN WILLIAMS CO
Address: 112 S LINDEN AVE
City,State,Zip: S SAN FRANCISCO, CA 94080

AO464 **JP AUTO BODY** **CERS HAZ WASTE** **S109280613**
WNW **112 S LINDEN AVE** **EMI** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **HAZNET**
0.248 mi. **CERS**
1308 ft. **Site 16 of 17 in cluster AO** **HWTS**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	JP AUTO BODY
Address:	112 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	126806
CERS ID:	10071478
CERS Description:	Hazardous Waste Generator

EMI:

Name:	AUTOTECH, INC
Address:	112 SO LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	18621
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.503
Reactive Organic Gases Tons/Yr:	1.274406
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTOTECH, INC
Address:	112 SO LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	18621
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.083
Reactive Organic Gases Tons/Yr:	.0714538
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTOTECH, INC
Address:	112 SO LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2008

JP AUTO BODY (Continued) **S109280613**

County Code:	41
Air Basin:	SF
Facility ID:	18621
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.083
Reactive Organic Gases Tons/Yr:	.0714538
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTOTECH, INC
Address:	112 SO LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	18621
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.3000000000000004E-2
Reactive Organic Gases Tons/Yr:	7.1453799999999998E-2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTOTECH, INC
Address:	112 SO LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	18621
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.3000000000000004E-2
Reactive Organic Gases Tons/Yr:	7.1453799999999998E-2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTOTECH, INC

JP AUTO BODY (Continued) **S109280613**

Address:	112 SO LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	18621
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.083
Reactive Organic Gases Tons/Yr:	0.0714538
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	JP AUTO BODY
Address:	112 S LINDEN AVE
City,State,Zip:	S SAN FRAN, CA 94080
Year:	2018
County Code:	41
Air Basin:	SF
Facility ID:	21120
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.216000009
Reactive Organic Gases Tons/Yr:	0.21338640889
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	JP AUTO BODY
Address:	112 S LINDEN AVE
City,State,Zip:	S SAN FRAN, CA 94080
Year:	2019
County Code:	41
Air Basin:	SF
Facility ID:	21120
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.234000009
Reactive Organic Gases Tons/Yr:	0.23116860889
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported

JP AUTO BODY (Continued) **S109280613**

Part. Matter 10 Micrometers and Smllr Tons/Yr:Not reported

HAZNET:

Name:	JP AUTO BODY
Address:	112 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact:	JOHNNY ZHANG
Telephone:	6508779777
Mailing Name:	Not reported
Mailing Address:	112 S LINDEN AVE
Year:	2018
Gepaid:	CAL000372689
TSD EPA ID:	CAT080013352
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.18150
Year:	2015
Gepaid:	CAL000372689
TSD EPA ID:	CAD059494310
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.17

Additional Info:

Year:	2015
Gen EPA ID:	CAL000372689
Shipment Date:	20150813
Creation Date:	11/4/2015 22:15:42
Receipt Date:	20150901
Manifest ID:	008959283FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.17
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

JP AUTO BODY (Continued) **S109280613**

Additional Code 5: Not reported

CERS:
Name: AUTOTECH, INC
Address: 112 SO LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 453104
CERS ID: 110054341119
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: JP AUTO BODY
Address: 112 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 126806
CERS ID: 10071478
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 126806
Site Name: JP AUTO BODY
Violation Date: 06-26-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 09/13/2018. The bung for the 55 gallon waste thinner drum is missing. Please make sure the bung is secured unless adding or removing waste thinner.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 126806
Site Name: JP AUTO BODY
Violation Date: 03-10-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 09/23/2021. Conduct and document employee training on an annual basis. Please conduct and document employee training within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126806
Site Name: JP AUTO BODY
Violation Date: 06-26-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

JP AUTO BODY (Continued) **S109280613**

Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/13/2018. The hazardous waste label is illegible. The waste drum is full and will be picked up soon. Please place a new hazardous waste label on the new drum.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	126806
Site Name:	JP AUTO BODY
Violation Date:	07-27-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 11/29/2016. Document employee training within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	126806
Site Name:	JP AUTO BODY
Violation Date:	03-10-2020
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 03/10/2020. The bung on the 55 gallon drum was off. Bung was secured into place during inspection. Make sure to close the bung unless you are adding or removing wate.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	126806
Site Name:	JP AUTO BODY
Violation Date:	07-27-2016
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 11/29/2016. conduct training to all employees within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW

JP AUTO BODY (Continued) **S109280613**

Violation Source: CERS,

Site ID: 126806
Site Name: JP AUTO BODY
Violation Date: 03-10-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 09/23/2021. Add acetylene and oxygen in the chemical inventory within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126806
Site Name: JP AUTO BODY
Violation Date: 06-26-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/13/2018. Needs to modify map to reflect the mew hazardous waste storage location and resubmit the HMBP within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126806
Site Name: JP AUTO BODY
Violation Date: 03-10-2020
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 09/23/2021. Conduct and document employee training on an annual basis. Please conduct and document employee training within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 126806
Site Name: JP AUTO BODY
Violation Date: 03-10-2020
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not

JP AUTO BODY (Continued) **S109280613**

	hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 09/23/2021. Based on the record produced by the facility, the last waste pick up was on 8/5/2018. Waste should be picked up every 6 months, and in no circumstances, should the storage exceeds one year. Please dispose of the waste solvent within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	126806
Site Name:	JP AUTO BODY
Violation Date:	03-10-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/23/2021. The pertinent information on the 55 gallon used solvent drum label was not recognizable due to paint smearing and dripping. Place a new label on the new 55 gallon drum (the current drum needs to be picked up). Facility has opened up a new satellite location (123 S Linden), waste solvent 5 gallon containers were used to store waste solvent. When the 5 gallon container is full, it is taken to the 112 S Linden location. All the 5 containers need to be labeled with hazardous waste labels.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	126806
Site Name:	JP AUTO BODY
Violation Date:	03-10-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 09/23/2021. According to the current facility map, the waste solvent drum is stored indoor near the spray booth But at the time of inspection, the waste solvent drum is kept outdoor by the car wash area. Facility can either update the facility map or move the drum back to where it was indicated on the facility map. It is recommended that facility add a map for the 123 S Linden location.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	126806
Site Name:	JP AUTO BODY
Violation Date:	07-27-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a

JP AUTO BODY (Continued) **S109280613**

copy from the owner or the owner's agent.
Violation Notes: Returned to compliance on 10/19/2016. Needs to notify property owner the facility is subject to HMBP reporting requirement.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-01-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-27-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-26-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency

JP AUTO BODY (Continued) **S109280613**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-05-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Waste is scheduled to be picked up today. Their supplier arranges for pick up
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-10-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-10-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	The latest HMBP was submitted onn1/3/2020 via San Mateo County Portal.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-29-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-02-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-26-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Explained to the facility where the modifications are necessary in the latest HMBP submission.

JP AUTO BODY (Continued) **S109280613**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-26-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: waste thinner. Facility has a car wash facility in the back. Fire extinguishers serviced annually.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-27-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-27-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-27-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-29-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-14-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP

JP AUTO BODY (Continued) **S109280613**

Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-14-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-25-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Their estimator has attended SP2 training and had go over emergency response procedures with most employees. But because of turnover, he will have to train some of the employees. He has the trained employees' names on a spreadsheet. He will re-train and obtain employee signature. Remind owner to send letter to landlord.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-10-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-10-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-10-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: waste solvent stored in a 55 gallon drum and some 5 gallon drums generated at their new satellite location (123 S Linden ave.)
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-17-2014
Violations Found:	No
Eval Type:	Routine done by local agency

JP AUTO BODY (Continued) **S109280613**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-22-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-27-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-27-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	last waste solvent pick up was 8/17/2015. Agreement signed with Stericycle. Any oil drip from engine is picked up by rags which are serviced by outside rag wash company.ployees The safety manager has taken the PS2 Safety training class. He has trained some of the employees. Will arrange a time to train all employees.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-04-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-04-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-26-2017
Violations Found:	No

JP AUTO BODY (Continued) **S109280613**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-22-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-29-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-03-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-05-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-29-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

JP AUTO BODY (Continued) **S109280613**

Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 126806
Facility Name: JP AUTO BODY
Env Int Type Code: HWG
Program ID: 10071478
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.646038
Longitude: -122.413818

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: johnny zhang
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: johnny zhang
Entity Title: ceo
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: weltch family
Entity Title: Not reported
Affiliation Address: 383 W San Bruno Ave
Affiliation City: san bruno
Affiliation State: ca
Affiliation Country: United States
Affiliation Zip: 94066
Affiliation Phone: (650) 589-1262,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 112 S LINDEN AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: johnny

JP AUTO BODY (Continued) **S109280613**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 877-9777,
Affiliation Type Desc:	Legal Owner
Entity Name:	ZHANG, JOHNNY
Entity Title:	Not reported
Affiliation Address:	112 LINDEN
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 877-9777,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Environmental Contact
Entity Name:	johnny
Entity Title:	Not reported
Affiliation Address:	johnnyzhang4@hotmail.com
Affiliation City:	ssf
Affiliation State:	ca
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	AUTOTECH
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	JP AUTO BODY
Address:	112 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000372689
Inactive Date:	Not reported
Create Date:	03/16/2012

JP AUTO BODY (Continued) **S109280613**

Last Act Date:	07/13/2020
Mailing Name:	Not reported
Mailing Address:	112 S LINDEN AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	JOHNNY ZHANG
Owner Address:	112 SOUTH LINDEN AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact Name:	JOHNNY ZHANG
Contact Address:	112 S LINDEN AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

NAICS:

EPA ID:	CAL000372689
Create Date:	2012-03-16 12:53:28.263
NAICS Code:	811121
NAICS Description:	Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date:	2012-03-16 12:53:28.25000
Inactive Date:	Not reported
Facility Name:	JP AUTO BODY
Facility Address:	112 S LINDEN AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

AW465 **UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN)** **ENVIROSTOR** **S109821384**
NNW **EAST OF 27 SOUTH LINDEN AVENUE** **VCP** **N/A**
1/8-1/4 **SOUTH SAN FRANCISCO, CA 94080** **DEED**
0.250 mi.
1319 ft. **Site 1 of 3 in cluster AW**

Relative:
Higher

Actual:
26 ft.

ENVIROSTOR:

Name:	UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN)
Address:	EAST OF 27 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	60001136
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	02/04/2014
Site Code:	201847
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.57
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Nathan Unangst
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Voluntary Cleanup Program
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Funding: Responsible Party
Latitude: 37.64993
Longitude: -122.4104
APN: 014103999, 872-41-27C
Past Use: BATTERY MANUFACTURING, BATTERY RECLAMATION, BATTERY STORAGE
Potential COC: Lead
Confirmed COC: Lead
Potential Description: OTH, SOIL
Alias Name: 014103999
Alias Type: APN
Alias Name: 872-41-27C
Alias Type: APN
Alias Name: 201847
Alias Type: Project Code (Site Code)
Alias Name: 60001136
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/19/2020
Comments: DTSC provided notification of a change in project manager.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/16/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/18/2021
Comments: DTSC provided this annual oversight cost estimate to Union Pacific Railroad.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2017
Comments: The Annual Oversight Cost Estimate provides an estimate of DTSC oversight costs for the year beginning July 1, 2017 and ending June 30, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/26/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/26/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/29/2014
Comments: This letter contains the estimated DTSC oversight costs for the UPRR Linden Site for the fiscal year starting July 1, 2014 and ending June 30, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/21/2015
Comments: This letter includes a cost estimate of DTSC oversight costs for the year starting July 1, 2015 and ending June 30, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2016
Comments: This letter transmits DTSC's annual estimate of oversight costs for the UPRR Linden Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/16/2011
Comments: The final Approval letter was done May 13, 2011 with no changes to the RP draft which was resubmitted on 6/16/2011.The Sample Addendum proposed 41 soil borings on a 25 foot spacing within the fenced area to further define the lead impacted soil volumes for removal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Completed Date: 05/20/2011
Comments: The soil sampling was conducted during the third week of May. No document is required at this stage.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/24/2012
Comments: Completed 5/24/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 05/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/02/2012
Comments: Hand delivered to nearby businesses.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/12/2015
Comments: 2015 ANNUAL LAND USE CONTROL INSPECTION AND COMPLIANCE LETTER

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/12/2016
Comments: This 2016 Annual Land Use Control Inspection and Compliance Letter fulfills the annual inspection and reporting requirements of the Land Use Control for this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/14/2018
Comments: final

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 09/09/2015
Comments: The Soil Management Plan describes procedures to be followed when disturbing soil within the LUC area at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 07/29/2016
Comments: The 2016 Annual Land Use Control Inspection Report documents the annual inspection of the site as required by the Land Use Covenant.

Completed Area Name: PROJECT WIDE

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 10/08/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/01/2019
Comments: Published in San Mateo County Times

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/18/2020
Comments: approved via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 04/05/2021
Comments: Approved via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/09/2008
Comments: VCA Application.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/24/2010
Comments: Provided to UPRR a BASAPCO, Inc. UST Search Report dated Sept. 29, 2000 with BASAPCO locations of former operation & suspected USTs to assist the investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/24/2010
Comments: Acceped Subsurface Investigation Work Plan proposed 2 additional temporary wells to analyze 2 more filtered grab GW samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/23/2010
Comments: Obtained two grab geoundwater samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/12/2011
Comments: Additional remediation required to address lead in surface soil and water run-on and run-off.

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/28/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/13/2012
Comments: The excavation and disposal fieldwork for the UPRR site at 27 S. Linden Avenue in So. San Francisco was completed on Thursday December 13.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/23/2013
Comments: The Removal Action Completion Report (RACR) documents the removal of lead-contaminated soil in accordance with the remedy selected in the Removal Action Workplan. A total of 4,825 tons of soil, vegetation, trash, and debris was removed and disposed of off-site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/21/2012
Comments: Fact Sheet Completed 5/21/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 10/04/2011
Comments: Community Profile for BASAPCO Site will be used.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/28/2012
Comments: Completed 6/28/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/31/2014
Comments: The land use restriction prohibits the use of the 0.57 acre site for residences, hospitals, schools, and day cares. It also prohibits the disturbance of soil at or below 1 foot below the surface without a Soil Management Plan that is approved by DTSC in advance.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/05/2013
Comments: This letter transmits DTSC's cost estimate for oversight activities at the UPRR Linden Site for the fiscal year starting July 1, 2013 and ending June 30, 2014.

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/20/2012
Comments: Supporting documentation uploaded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/26/2012
Comments: Cost Estimate Letter is uploaded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 12/10/2009
Comments: RP signed VCA received and processed. UPRR will be submitting the advance payment within 10 days.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/03/2014
Comments: DTSC has determined that all appropriate response actions have been completed. Lead contaminated soil was excavated and disposed of offsite, however soil lead that exceeds unrestricted use levels remains at the Site at depths of 1 foot beneath the surface, and below. A land use covenant was recorded on January 31, 2014 in order to prohibit the use of the site as a residence, hospital, school, or day care. The land use covenant also prohibits soil disturbance at or below 1 foot below grond surface without a DTSC approved Soil Management Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2011
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2024
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN)
Address: EAST OF 27 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Facility ID: 60001136
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Acres:	0.57
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nathan Unangst
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Site Code:	201847
Assembly:	22
Senate:	13
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	02/04/2014
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	37.64993 / -122.4104
APN:	014103999, 872-41-27C
Past Use:	BATTERY MANUFACTURING, BATTERY RECLAMATION, BATTERY STORAGE
Potential COC:	30013
Confirmed COC:	30013
Potential Description:	OTH, SOIL
Alias Name:	014103999
Alias Type:	APN
Alias Name:	872-41-27C
Alias Type:	APN
Alias Name:	201847
Alias Type:	Project Code (Site Code)
Alias Name:	60001136
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	10/19/2020
Comments:	DTSC provided notification of a change in project manager.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	02/16/2021
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	08/18/2021
Comments:	DTSC provided this annual oversight cost estimate to Union Pacific Railroad.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Project Management
Completed Date:	06/30/2021
Comments:	Completed.
Completed Area Name:	PROJECT WIDE

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2017
Comments: The Annual Oversight Cost Estimate provides an estimate of DTSC oversight costs for the year beginning July 1, 2017 and ending June 30, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/26/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/26/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/29/2014
Comments: This letter contains the estimated DTSC oversight costs for the UPRR Linden Site for the fiscal year starting July 1, 2014 and ending June 30, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/21/2015
Comments: This letter includes a cost estimate of DTSC oversight costs for the year starting July 1, 2015 and ending June 30, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2016
Comments: This letter transmits DTSC’s annual estimate of oversight costs for

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

the UPRR Linden Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/16/2011
Comments: The final Approval letter was done May 13, 2011 with no changes to the RP draft which was resubmitted on 6/16/2011.The Sample Addendum proposed 41 soil borings on a 25 foot spacing within the fenced area to further define the lead impacted soil volumes for removal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/20/2011
Comments: The soil sampling was conducted during the third week of May. No document is required at this stage.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/24/2012
Comments: Completed 5/24/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 05/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/02/2012
Comments: Hand delivered to nearby businesses.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/12/2015
Comments: 2015 ANNUAL LAND USE CONTROL INSPECTION AND COMPLIANCE LETTER

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/12/2016
Comments: This 2016 Annual Land Use Control Inspection and Compliance Letter fulfills the annual inspection and reporting requirements of the Land Use Control for this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/14/2018
Comments: final

Completed Area Name: PROJECT WIDE

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 09/09/2015
Comments: The Soil Management Plan describes procedures to be followed when disturbing soil within the LUC area at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 07/29/2016
Comments: The 2016 Annual Land Use Control Inspection Report documents the annual inspection of the site as required by the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 10/08/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/01/2019
Comments: Published in San Mateo County Times

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/18/2020
Comments: approved via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 04/05/2021
Comments: Approved via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/09/2008
Comments: VCA Application.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/24/2010
Comments: Provided to UPRR a BASAPCO, Inc. UST Search Report dated Sept. 29, 2000 with BASAPCO locations of former operation & suspected USTs to assist the investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/24/2010
Comments: Acceped Subsurface Investigation Work Plan proposed 2 additional temporary wells to analyze 2 more filtered grab GW samples.

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/23/2010
Comments: Obtained two grab geoundwater samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/12/2011
Comments: Additional remediation required to address lead in surface soil and water run-on and run-off.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/28/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/13/2012
Comments: The excavation and disposal fieldwork for the UPRR site at 27 S. Linden Avenue in So. San Francisco was completed on Thursday December 13.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/23/2013
Comments: The Removal Action Completion Report (RACR) documents the removal of lead-contaminated soil in accordance with the remedy selected in the Removal Action Workplan. A total of 4,825 tons of soil, vegetation, trash, and debris was removed and disposed of off-site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/21/2012
Comments: Fact Sheet Completed 5/21/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 10/04/2011
Comments: Community Profile for BASAPCO Site will be used.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/28/2012
Comments: Completed 6/28/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Completed Date: 01/31/2014
Comments: The land use restriction prohibits the use of the 0.57 acre site for residences, hospitals, schools, and day cares. It also prohibits the disturbance of soil at or below 1 foot below the surface without a Soil Management Plan that is approved by DTSC in advance.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/05/2013
Comments: This letter transmits DTSC's cost estimate for oversight activities at the UPRR Linden Site for the fiscal year starting July 1, 2013 and ending June 30, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/20/2012
Comments: Supporting documentation uploaded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/26/2012
Comments: Cost Estimate Letter is uploaded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 12/10/2009
Comments: RP signed VCA received and processed. UPRR will be submitting the advance payment within 10 days.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/03/2014
Comments: DTSC has determined that all appropriate response actions have been completed. Lead contaminated soil was excavated and disposed of offsite, however soil lead that exceeds unrestricted use levels remains at the Site at depths of 1 foot beneath the surface, and below. A land use covenant was recorded on January 31, 2014 in order to prohibit the use of the site as a residence, hospital, school, or day care. The land use covenant also prohibits soil disturbance at or below 1 foot below grond surface without a DTSC approved Soil Management Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2011
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2024

UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN) (Continued) **S109821384**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Name: UPRR LINDEN (AKA UNION PACIFIC RAILROAD LINDEN)
Address: EAST OF 27 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Envirostor ID: 60001136
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 01/31/2014
File Name: Envirostor Land Use Restrictions

AO466 **REICHOLD CHEMICALS, INC** **RESPONSE** **S101482205**
WNW **120 SOUTH LINDEN** **ENVIROSTOR** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **HIST Cal-Sites**
0.253 mi.
1335 ft. **Site 17 of 17 in cluster AO**

Relative:
Higher

Actual:
21 ft.

RESPONSE:
Name: REICHOLD CHEMICALS, INC
Address: 120 SOUTH LINDEN
City,State,Zip: S SAN FRANCISCO, CA 94080
Facility ID: 41280096
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 0.5
National Priorities List: NO
Cleanup Oversight Agencies: HWMP
Lead Agency Description: DTSC - Hazardous Waste Management Program
Project Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: Not reported
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 22
Senate: 13
Special Program Status: Not reported
Status: Certified
Status Date: 08/01/1986
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.64568
Longitude: -122.4137
APN: 014211050
Past Use: PAINT MANUFACTURING
Potential COC : Phenol
Confirmed COC: 30451-NO No Contaminants found
Potential Description: CSS
Alias Name: 014211050

REICHOLD CHEMICALS, INC (Continued) **S101482205**

Alias Type: APN
Alias Name: 110033606471
Alias Type: EPA (FRS #)
Alias Name: 41280096
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/06/2003
Comments: No existing evidence of release of hazardous substances found and site screening recommended no further action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 08/01/1986
Comments: Certified Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Site Discovery. Facility was identified during a drive-by.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: REICHOLD CHEMICALS, INC
Address: 120 SOUTH LINDEN
City,State,Zip: S SAN FRANCISCO, CA 94080
Facility ID: 41280096
Status: Certified
Status Date: 08/01/1986
Site Code: Not reported
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.5
NPL: NO
Regulatory Agencies: HWMP
Lead Agency: HWMP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO

REICHOLD CHEMICALS, INC (Continued) **S101482205**

Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.64568
Longitude: -122.4137
APN: 014211050
Past Use: PAINT MANUFACTURING
Potential COC: Phenol
Confirmed COC: 30451-NO No Contaminants found
Potential Description: CSS
Alias Name: 014211050
Alias Type: APN
Alias Name: 110033606471
Alias Type: EPA (FRS #)
Alias Name: 41280096
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/06/2003
Comments: No existing evidence of release of hazardous substances found and site screening recommended no further action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 08/01/1986
Comments: Certified Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Site Discovery. Facility was identified during a drive-by.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:
Name: REICHOLD CHEMICALS, INC
Address: 120 SOUTH LINDEN
City: S SAN FRANCISCO
Region: BERKELEY
Facility ID: 41280096
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported

REICHOLD CHEMICALS, INC (Continued) **S101482205**

State Senate District: 08011986
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: N/A
NPL: Not reported
SIC Code: 28
SIC Name: MANU - CHEMICALS & ALLIED PRODUCTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: GWHITE
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 19
State Senate District Code: 08
Facility ID: 41280096
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08011980
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 41280096
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08011986
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported

REICHOLD CHEMICALS, INC (Continued) **S101482205**

Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	120 SOUTH LINDEN
Alternate City,St,Zip:	S SAN FRANCISCO, CA 94080
Background Info:	The Site is bounded to the north by Victory Avenue, to the south by Tanforan Avenue, to the east by railroad tracks, and to the west by South Maple Avenue. The site is comprised of a building and a warehouse, which is used for automotive storage. Areas around the buildings are paved or landscaped. The site is located in an industrial area and is adjacent to a tire company. Joseph W. Welch & Investors purchased the site in 1984. The site is now zoned for light industrial use. The property is currently occupied by a number of different tenants, including music studios, auto repair shops and restoration facilities. The Reichold Chemical site is a registered historical landmark by San Mateo County. From 1937 to 1984, Reichhold Chemicals Inc. owned and operated the site. Reichold manufactured paint products using emulsion, phenol, alkyd, and urea resins.
Comments Date:	01161981
Comments:	Facility drive-by. No evidence of waste.
Comments Date:	02092003
Comments:	Site screening conducted which confirmed that no further action
Comments Date:	02092003
Comments:	is needed at the site. According to the Hazardous Waste
Comments Date:	02092003
Comments:	Management Operation Plan prepared in 1983, the waste generated
Comments Date:	02092003
Comments:	at the facility, including paint resin and thinner was placed in
Comments Date:	02092003
Comments:	55-gallon drums, for shipment to Class I or II landfills. At
Comments Date:	02092003
Comments:	the time of closure, all hazardous wastes were transported
Comments Date:	02092003
Comments:	offsite for disposal at facilities in Benicia and Kettleman
Comments Date:	02092003
Comments:	Hills, California. The tanks and containers were decontaminated
Comments Date:	02092003
Comments:	before shipment. In April 1984, composite wipe samples were
Comments Date:	02092003
Comments:	collected in the drum storage area and analyzed for
Comments Date:	02092003
Comments:	polychlorinated biphenyls (PCBs), acids, and base compounds.
Comments Date:	02092003
Comments:	PCBs were found at a concentration less than 0.01 milligram/100
Comments Date:	02092003
Comments:	square centimeters, which is less than the 0.1 milligram/100

REICHOLD CHEMICALS, INC (Continued) **S101482205**

Comments Date:	02092003
Comments:	square centimeters clean-up level for high-contact
Comments Date:	02092003
Comments:	residential/commercial surfaces specified by Title 40 Code of
Comments Date:	02092003
Comments:	Federal Regulations, Part 761. In December 1984, wipe sampling
Comments Date:	02092003
Comments:	was performed on the asphalt and cement pads for PCBs, acids,
Comments Date:	02092003
Comments:	and base compounds. The results were all non-detect. In
Comments Date:	02092003
Comments:	February 1985, the site was officially closed with oversight
Comments Date:	02092003
Comments:	from the Department of Health Services (DHS), Toxic Substances
Comments Date:	02092003
Comments:	Control Division, predecessor to DTSC.
Comments Date:	08011980
Comments:	Site Discovery. Facility was identified during a drive-by.
Comments Date:	08011986
Comments:	Certified Site.
Comments Date:	08191991
Comments:	Records Search: Site Certified in August 1986.
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	REICHOLD CHEMICALS, INC
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

AX467 **U FREIGHT AMERICA INC** **LUST** **S102439367**
East **320 COREY** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HAZNET**
0.253 mi. **HIST CORTESE**
1336 ft. **Site 1 of 2 in cluster AX** **CERS**
HWTS

Relative:
Lower

Actual:
19 ft.

SAN MATEO CO. LUST:

Name:	U-FREIGHT AMERICA INC
Address:	320 COREY WY
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550094
Facility Status:	9- Case Closed
Global ID:	T0608100554
APN Number:	015142070
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	U-FREIGHT AMERICA INC
Address:	320 COREY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100554
Global Id:	T0608100554
Latitude:	37.645728

U FREIGHT AMERICA INC (Continued) **S102439367**

Longitude:	-122.401881
Status:	Completed - Case Closed
Status Date:	06/26/2001
Case Worker:	JM
RB Case Number:	41-0580
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550094
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100554
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100554
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100554
Action Type:	Other
Date:	05/19/1992
Action:	Leak Discovery

Global Id:	T0608100554
Action Type:	ENFORCEMENT
Date:	05/19/1992
Action:	Notice of Responsibility - #1

Global Id:	T0608100554
Action Type:	Other
Date:	08/21/1991
Action:	Leak Reported

LUST:

Global Id:	T0608100554
Status:	Open - Case Begin Date
Status Date:	08/21/1991

Global Id:	T0608100554
Status:	Completed - Case Closed
Status Date:	06/26/2001

U FREIGHT AMERICA INC (Continued) **S102439367**

CORTESE:

Name:	U-FREIGHT AMERICA INC
Address:	320 COREY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100554
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HAZNET:

Name:	VALTECH
Address:	320 COREY WAY
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806709
Contact:	WENDY WILLIAMS
Telephone:	Not reported
Mailing Name:	Not reported
Mailing Address:	2113 SANATOGA STATION RD
Year:	2013
Gepaid:	CAC002719019
TSD EPA ID:	IND000646943
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.029
Year:	2013
Gepaid:	CAC002719019
TSD EPA ID:	IND000646943
CA Waste Code:	-
Disposal Method:	-
Tons:	3.9945
Year:	2013
Gepaid:	CAC002719019
TSD EPA ID:	IND000646943
CA Waste Code:	-
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site

U FREIGHT AMERICA INC (Continued) **S102439367**

Tons: 0.2745

Additional Info:
Year: 2013
Gen EPA ID: CAC002719019

Shipment Date: 20130419
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 006112447FLE
Trans EPA ID: CAR000163097
Trans Name: K-VAC ENVIRONMENTAL
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST & SON'S TRUCKING
TSDF EPA ID: IND000646943
Trans Name: TRADEBE TREATMENT AND RECYCLING LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.019
Waste Quantity: 38
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130419
Creation Date: 9/20/2013 22:15:10
Receipt Date: 20130511
Manifest ID: 006112447FLE
Trans EPA ID: CAR000163097
Trans Name: K-VAC ENVIRONMENTAL
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST & SON'S TRUCKING
TSDF EPA ID: IND000646943
Trans Name: TRADEBE TREATMENT AND RECYCLING LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.029
Waste Quantity: 58
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130419

U FREIGHT AMERICA INC (Continued) **S102439367**

Creation Date:	9/20/2013 22:15:10
Receipt Date:	20130511
Manifest ID:	006112447FLE
Trans EPA ID:	CAR000163097
Trans Name:	K-VAC ENVIRONMENTAL
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SON'S TRUCKING
TSDF EPA ID:	IND000646943
Trans Name:	TRADEBE TREATMENT AND RECYCLING LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.142
Waste Quantity:	284
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130419
Creation Date:	9/20/2013 22:15:10
Receipt Date:	20130511
Manifest ID:	006112447FLE
Trans EPA ID:	CAR000163097
Trans Name:	K-VAC ENVIRONMENTAL
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SON'S TRUCKING
TSDF EPA ID:	IND000646943
Trans Name:	TRADEBE TREATMENT AND RECYCLING LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	3.8525
Waste Quantity:	7705
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130419
Creation Date:	9/20/2013 22:15:10
Receipt Date:	20130511
Manifest ID:	006112447FLE
Trans EPA ID:	CAR000163097
Trans Name:	K-VAC ENVIRONMENTAL
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SON'S TRUCKING
TSDF EPA ID:	IND000646943
Trans Name:	TRADEBE TREATMENT AND RECYCLING LLC

U FREIGHT AMERICA INC (Continued) **S102439367**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D002
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2745
Waste Quantity:	549
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HIST CORTESE:

edr_fname:	U FREIGHT AMERICA INC
edr_fadd1:	320 COREY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0580

CERS:

Name:	U-FREIGHT AMERICA INC
Address:	320 COREY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	224887
CERS ID:	T0608100554
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	VALTECH
Address:	320 COREY WAY

U FREIGHT AMERICA INC (Continued) **S102439367**

Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806709
EPA ID:	CAC002719019
Inactive Date:	05/03/2013
Create Date:	02/01/2013
Last Act Date:	05/04/2013
Mailing Name:	Not reported
Mailing Address:	2113 SANATOGA STATION RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	POTTSTOWN, PA 194643275
Owner Name:	U-FREIGHT
Owner Address:	320 COREY WAY
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806709
Contact Name:	WENDY WILLIAMS
Contact Address:	2113 SANATOGA STATION RD
Contact Address 2:	Not reported
City,State,Zip:	POTTSTOWN, PA 194643275

AX468 **U-FREIGHT AMERICA INC** **LUST** **S103893245**
East **320 COREY** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080**
0.253 mi.
1336 ft. **Site 2 of 2 in cluster AX**

Relative: **Lower**
Actual: **19 ft.**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550094
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

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469 **SAN BRUNO GLASS CENTER** **LUST** **U001594820**
SSW **1160 SAN MATEO AVE** **HIST UST** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **Cortese**
0.269 mi. **HIST CORTESE**
1419 ft. **CERS**

Relative: **Lower**
Actual: **20 ft.**

SAN MATEO CO. LUST:

Name:	SAN BRUNO GLASS CENTER
Address:	1160 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550065
Facility Status:	9- Case Closed
Global ID:	T0608100440

SAN BRUNO GLASS CENTER (Continued) **U001594820**

APN Number: Not reported
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: SAN BRUNO GLASS CENTER
Address: 1160 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100440
Global Id: T0608100440
Latitude: 37.638422
Longitude: -122.410895
Status: Completed - Case Closed
Status Date: 10/11/2002
Case Worker: JM
RB Case Number: 41-0464
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550065
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100440
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100440
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100440
Action Type: Other
Date: 10/23/1990
Action: Leak Discovery

Global Id: T0608100440
Action Type: ENFORCEMENT
Date: 06/18/1997
Action: Notice of Responsibility - #1

Global Id: T0608100440
Action Type: Other

SAN BRUNO GLASS CENTER (Continued) **U001594820**

Date: 11/30/1989
Action: Leak Reported

Global Id: T0608100440
Action Type: REMEDIATION
Date: 01/23/1990
Action: Excavation

LUST:
Global Id: T0608100440
Status: Open - Case Begin Date
Status Date: 11/30/1989

Global Id: T0608100440
Status: Completed - Case Closed
Status Date: 10/11/2002

HIST UST:
Name: SAN BRUNO GLASS CENTER
Address: 1160 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002C1D1
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C1D1.pdf
Region: STATE
Facility ID: 00000013974
Facility Type: Other
Other Type: GLASS SHOP
Contact Name: Not reported
Telephone: 4155886775
Owner Name: RICHARD LOWENTHAL
Owner Address: 546 SKYLINE DRIVE
Owner City,St,Zip: SAN BRUNO, CA 94066
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1973
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

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CORTESE:
Name: SAN BRUNO GLASS CENTER
Address: 1160 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100440
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported

SAN BRUNO GLASS CENTER (Continued) **U001594820**

Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SAN BRUNO GLASS CENTER
edr_fadd1:	1160 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0464

CERS:

Name:	SAN BRUNO GLASS CENTER
Address:	1160 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	202938
CERS ID:	T0608100440
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

AY470 **SO LINDEN OLYMPIC** **LUST** **S113133055**
NNW **35 SO LINDEN AVE** **HIST UST** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.271 mi.
1431 ft. **Site 1 of 4 in cluster AY**

Relative:
Higher

Actual:
24 ft.

SAN MATEO CO. LUST:

Name:	OLYMPIAN SSF TERMINAL
Address:	35 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550194
Facility Status:	5C- Pollution Characterization
Global ID:	T0608100005
APN Number:	014103020
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

Name:	OLYMPIAN SSF TERMINAL
Address:	35 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550053
Facility Status:	9- Case Closed
Global ID:	T0608106256
APN Number:	014103020
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HIST UST:

Name:	SO LINDEN OLYMPIC
Address:	35 SO LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C0E7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C0E7.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

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AY471 **OLYMPIAN SSF TERMINAL** **LUST** **S102434676**
NNW **35 LINDEN** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.271 mi. **HIST CORTESE**
1431 ft. **Site 2 of 4 in cluster AY** **CERS**

Relative:
Higher

Actual:
24 ft.

LUST:

Name:	OLYMPIAN SSF TERMINAL
Address:	35 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100005
Global Id:	T0608100005
Latitude:	37.6497670872816
Longitude:	-122.411583152115
Status:	Completed - Case Closed
Status Date:	05/10/2021
Case Worker:	BG
RB Case Number:	Not reported
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550194
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T0608100005
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100005
Contact Type:	Local Agency Caseworker
Contact Name:	BRIAN GWINN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 Alameda de las Pulgas, Suite 100
City:	SAN MATEO
Email:	bgwinn@smcgov.org
Phone Number:	6502724590

LUST:

Global Id:	T0608100005
Action Type:	ENFORCEMENT
Date:	06/15/2010
Action:	Staff Letter - #20100615

Global Id:	T0608100005
Action Type:	ENFORCEMENT
Date:	05/14/2015
Action:	Staff Letter - #20150514

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 05/11/2018
Action: Staff Letter - #20180511

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 04/23/2020
Action: Staff Letter - #20200423

Global Id: T0608100005
Action Type: Other
Date: 05/18/2002
Action: Leak Discovery

Global Id: T0608100005
Action Type: RESPONSE
Date: 10/16/2009
Action: Pilot Study/ Treatability Report

Global Id: T0608100005
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 04/15/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100005
Action Type: RESPONSE
Date: 01/18/2007
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 12/01/2007
Action: Soil and Water Investigation Report

Global Id: T0608100005
Action Type: RESPONSE

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Date: 11/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 05/15/2017
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 11/13/2006
Action: Notice of Responsibility - #20061113

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 10/05/2004
Action: Staff Letter - #20041005

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 03/15/2007
Action: Staff Letter - #20070315B

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 03/15/2007
Action: Staff Letter - #20070315A

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 11/13/2006
Action: Staff Letter - #20061113

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 10/22/2008
Action: Staff Letter - #20081022

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 04/22/2009
Action: Staff Letter - #20090422

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Staff Letter - #20090714

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 11/20/2014
Action: Staff Letter - #20141120

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 04/02/2014
Action: Staff Letter - #20140402

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 09/01/2020
Action: Staff Letter - #20200901

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 02/10/2020
Action: Notification - Preclosure - #20200210

Global Id: T0608100005
Action Type: Other
Date: 05/18/2004
Action: Leak Reported

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 11/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0608100005
Action Type: RESPONSE
Date: 10/17/2014
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0608100005
Action Type: RESPONSE
Date: 05/15/2015
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0608100005
Action Type: RESPONSE

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Date: 05/15/2016
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608100005
Action Type: RESPONSE
Date: 11/15/2015
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608100005
Action Type: RESPONSE
Date: 07/23/2020
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608100005
Action Type: RESPONSE
Date: 12/22/2020
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/28/2017
Action: Correspondence - Regulator Responded

Global Id: T0608100005
Action Type: RESPONSE
Date: 11/15/2018
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0608100005
Action Type: RESPONSE
Date: 11/15/2016
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608100005
Action Type: REMEDIATION
Date: 10/01/2013
Action: Dual Phase Extraction

Global Id: T0608100005
Action Type: REMEDIATION
Date: 12/05/2017
Action: Dual Phase Extraction

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 11/17/2010
Action: Staff Letter - #20101117

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 03/17/2010
Action: Staff Letter - #20100317

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 01/12/2016
Action: Staff Letter - #20160112

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 08/19/2019
Action: Email Correspondence - #20190819

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 12/29/2020
Action: Staff Letter - #20201229

Global Id: T0608100005
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608100005
Action Type: RESPONSE
Date: 05/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/15/2017
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 05/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2017
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 04/10/2020
Action: Fact Sheets - Public Participation

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/15/2012
Action: Final Remedial Action Report / Corrective Action Report - Regulator Responded

Global Id: T0608100005
Action Type: ENFORCEMENT

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Date: 05/26/2011
Action: Staff Letter - #20110526

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 02/07/2019
Action: Email Correspondence - #20190207

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 09/07/2017
Action: Email Correspondence

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 08/06/2020
Action: Email Correspondence - #20200806

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 05/10/2021
Action: Closure/No Further Action Letter - #20210510

Global Id: T0608100005
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 07/31/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/19/2010
Action: Pilot Study / Treatability Workplan

Global Id: T0608100005
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Quarterly

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Global Id: T0608100005
Action Type: RESPONSE
Date: 10/08/2010
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100005
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100005
Action Type: RESPONSE
Date: 02/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 11/15/2017
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 11/22/2016
Action: Staff Letter

Global Id: T0608100005
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 11/25/2008
Action: Correspondence

Global Id: T0608100005
Action Type: RESPONSE
Date: 01/25/2010
Action: Site Assessment Report

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 05/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 11/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 08/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0608100005
Action Type: RESPONSE
Date: 05/31/2021
Action: Well Destruction Report

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 08/13/2009
Action: Staff Letter - #20090813

Global Id: T0608100005
Action Type: ENFORCEMENT
Date: 12/03/2009
Action: Staff Letter - #20091203

LUST:
Global Id: T0608100005
Status: Open - Case Begin Date
Status Date: 05/18/2002

Global Id: T0608100005
Status: Open - Site Assessment
Status Date: 11/08/2006

Global Id: T0608100005
Status: Open - Remediation
Status Date: 10/01/2013

Global Id: T0608100005

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Status: Open - Verification Monitoring
Status Date: 05/11/2018

Global Id: T0608100005
Status: Open - Eligible for Closure
Status Date: 01/30/2020

Global Id: T0608100005
Status: Completed - Case Closed
Status Date: 05/10/2021

Name: OLYMPIAN SSF TERMINAL
Address: 35 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608106256
Global Id: T0608106256
Latitude: 37.6496355608769
Longitude: -122.41100806184
Status: Completed - Case Closed
Status Date: 02/14/2013
Case Worker: JM
RB Case Number: 41-0004
Local Agency: SAN MATEO COUNTY LOP
File Location: Not reported
Local Case Number: 550053
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:
Global Id: T0608106256
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608106256
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608106256
Action Type: ENFORCEMENT

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Date: 02/12/2013
Action: Closure/No Further Action Letter - #20130212

Global Id: T0608106256
Action Type: Other
Date: 06/09/1989
Action: Leak Discovery

Global Id: T0608106256
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 11/25/2008
Action: Correspondence

Global Id: T0608106256
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 07/19/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608106256
Action Type: RESPONSE
Date: 01/31/2006
Action: Electronic Reporting Submittal Due

Global Id: T0608106256
Action Type: RESPONSE
Date: 08/12/2003
Action: Soil and Water Investigation Report

Global Id: T0608106256
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 06/27/2006
Action: Monitoring Report - Quarterly

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Global Id: T0608106256
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 06/01/2003
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608106256
Action Type: RESPONSE
Date: 08/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 04/04/2003
Action: Staff Letter - #20030404

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 11/09/2006
Action: Staff Letter - #20061109

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 01/19/2005
Action: Staff Letter - #20050119B

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 09/20/1989
Action: Notice of Responsibility - #1

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 10/05/2004
Action: Staff Letter - #20041005A

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 10/05/2004
Action: Staff Letter - #20041005B

Global Id: T0608106256
Action Type: ENFORCEMENT

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Date: 03/07/2003
Action: Staff Letter - #20030307

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 01/19/2005
Action: Staff Letter - #20050119C

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 03/25/2004
Action: Staff Letter - #20040325

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 07/19/2005
Action: Notice of Violation - #20050719

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 01/31/2006
Action: Notice of Violation - #20060131

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 01/19/2005
Action: Staff Letter - #20050119A

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 10/25/2005
Action: Staff Letter - #20051025

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 10/22/2008
Action: Staff Letter - #20081022

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 04/22/2009
Action: Staff Letter - #20090422

Global Id: T0608106256
Action Type: Other
Date: 06/09/1989
Action: Leak Reported

Global Id: T0608106256
Action Type: REMEDIATION
Date: 05/12/2005
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 05/03/2012
Action: Staff Letter - #20120503

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 08/22/2012
Action: Staff Letter

Global Id: T0608106256
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 02/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 08/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608106256
Action Type: RESPONSE
Date: 11/09/2012
Action: Well Destruction Report

Global Id: T0608106256
Action Type: RESPONSE
Date: 02/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608106256
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 10/16/2009
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608106256
Action Type: RESPONSE

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Date: 07/31/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608106256
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 09/29/2004
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608106256
Action Type: RESPONSE
Date: 11/01/2007
Action: Soil and Water Investigation Report

Global Id: T0608106256
Action Type: RESPONSE
Date: 12/22/2004
Action: Other Report / Document

Global Id: T0608106256
Action Type: RESPONSE
Date: 02/15/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608106256
Action Type: RESPONSE
Date: 04/19/2005
Action: Interim Remedial Action Plan

Global Id: T0608106256
Action Type: RESPONSE
Date: 12/25/2005
Action: Electronic Reporting Submittal Due

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Global Id: T0608106256
Action Type: RESPONSE
Date: 01/18/2007
Action: Request for Closure

Global Id: T0608106256
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Staff Letter - #20090714

Global Id: T0608106256
Action Type: ENFORCEMENT
Date: 08/13/2009
Action: Staff Letter - #20090813

LUST:
Global Id: T0608106256
Status: Open - Case Begin Date
Status Date: 06/09/1989

Global Id: T0608106256
Status: Open - Site Assessment
Status Date: 06/09/1989

Global Id: T0608106256
Status: Open - Remediation
Status Date: 03/25/2004

Global Id: T0608106256
Status: Open - Remediation
Status Date: 01/19/2005

Global Id: T0608106256
Status: Open - Assessment & Interim Remedial Action
Status Date: 08/15/2006

Global Id: T0608106256
Status: Open - Verification Monitoring
Status Date: 01/20/2012

Global Id: T0608106256
Status: Completed - Case Closed
Status Date: 02/14/2013

LUST REG 2:

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Region: 2
Facility Id: Not reported
Facility Status: Remediation Plan
Case Number: 550053
How Discovered: Subsurface Monitoring
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: 3/25/2004
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: FLYERS ENERGY #316
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025064
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0042485
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: FLYERS ENERGY #316
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025064
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0032666
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

Name: FLYERS ENERGY #316
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025064
Prog Element Code: STORES HAZ MAT >32000GAL, 240001LB, 112000FT3
Record Id: PR0044802
Description: STORES HAZ MAT >32000GAL, 224000LB, 112000CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: FLYERS ENERGY #316
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025064
Prog Element Code: 2353
Record Id: PR0085826

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Description: TANK STOR CAP =>1,320 & <10,000 GAL
Facility Status: Active, billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: FLYERS ENERGY BULK PLANT
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025065
Prog Element Code: STORES HAZ MAT >32000GAL, 240001LB, 112000FT3
Record Id: PR0032667
Description: STORES HAZ MAT >32000GAL, 224000LB, 112000CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: FLYERS ENERGY BULK PLANT
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025065
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0059752
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: FLYERS ENERGY BULK PLANT
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025065
Prog Element Code: 2353
Record Id: PR0042484
Description: TANK STOR CAP =>1,320 & <10,000 GAL
Facility Status: Inactive, non-billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: OLYMPIAN MAINTENANCE
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025066
Prog Element Code: GEN 1-5 TONS HAZ WASTE/YR
Record Id: PR0032871
Description: GEN 1-5 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: OLYMPIAN MAINTENANCE
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025066
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0032668
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Program Category:	BUSINESS PLAN PROGRAM
Name:	FLYERS #216
Address:	35 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017693
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022591
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM
Name:	FLYERS #216
Address:	35 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017693
Prog Element Code:	GEN 6-25 TONS HAZ WASTE/YR
Record Id:	PR0023704
Description:	GEN 6-25 TONS HAZ WASTE/YR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	FLYERS #216
Address:	35 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017693
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0034138
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	FLYERS #216
Address:	35 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017693
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004237
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	J & L MOBILE FLEET SERVICE
Address:	35 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0036048
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0053409
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Name: J & L MOBILE FLEET SERVICE
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0036048
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0053410
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: BERTETTA TANKLINES INC
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045199
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0058256
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: BERTETTA TANKLINES INC
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045199
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0058257
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: NELLA OIL
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027025
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0042486
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: NELLA OIL
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027025
Prog Element Code: STORES HAZ MAT >32000GAL, 240001LB, 112000FT3
Record Id: PR0042487
Description: STORES HAZ MAT >32000GAL, 224000LB, 112000CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: NELLA OIL
Address: 35 LINDEN

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027025
Prog Element Code: ABOVE GROUND TANK/SPCC
Record Id: PR0042510
Description: ABOVE GROUND TANK/SPCC
Facility Status: Inactive, non-billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: TEC ACCUTITE
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027948
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0045904
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: TEC ACCUTITE
Address: 35 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027948
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0045903
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: OLYMPIAN SSF TERMINAL
Address: 35 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608106256
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Name:	OLYMPIAN SSF TERMINAL
Address:	35 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100005
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	OLYMPIAN
edr_fadd1:	35 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0004

CERS:

Name:	OLYMPIAN SSF TERMINAL
Address:	35 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	190496
CERS ID:	T0608100005
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Coordinates:

Site ID:	190496
Facility Name:	OLYMPIAN SSF TERMINAL
Env Int Type Code:	LUSTCS
Program ID:	T0608100005
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	37.649693
Longitude:	-122.411787

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	BRIAN GWINN - SAN MATEO COUNTY LOP
Entity Title:	Not reported

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6502724590,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: OLYMPIAN SSF TERMINAL
Address: 35 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 190496
CERS ID: T0608106256
CERS Description: Leaking Underground Storage Tank Cleanup Site

Coordinates:
Site ID: 190496
Facility Name: OLYMPIAN SSF TERMINAL
Env Int Type Code: LUSTCS
Program ID: T0608100005
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.649693
Longitude: -122.411787

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: BRIAN GWINN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6502724590,

Affiliation Type Desc: Local Agency Caseworker

OLYMPIAN SSF TERMINAL (Continued) **S102434676**

Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AZ472 **BUDGET RENT A CAR** **LUST** **S110060396**
NNE **177 AIRPORT** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.282 mi. **CERS**
1488 ft. **Site 1 of 2 in cluster AZ**

Relative:
Higher

Actual:
28 ft.

LUST:

Name:	BUDGET RENT-A-CAR
Address:	177 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100087
Global Id:	T0608100087
Latitude:	37.650802
Longitude:	-122.405387
Status:	Completed - Case Closed
Status Date:	09/13/2002
Case Worker:	JM
RB Case Number:	41-0092
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550006
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100087
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported
Global Id:	T0608100087

BUDGET RENT A CAR (Continued) **S110060396**

Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100087
Action Type: Other
Date: 01/29/1987
Action: Leak Discovery

Global Id: T0608100087
Action Type: ENFORCEMENT
Date: 09/22/1992
Action: Notice of Responsibility - #1

Global Id: T0608100087
Action Type: Other
Date: 01/22/1987
Action: Leak Reported

Global Id: T0608100087
Action Type: REMEDIATION
Date: 07/28/1993
Action: Excavation

LUST:
Global Id: T0608100087
Status: Open - Case Begin Date
Status Date: 01/22/1987

Global Id: T0608100087
Status: Completed - Case Closed
Status Date: 09/13/2002

CORTESE:
Name: BUDGET RENT-A-CAR
Address: 177 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100087
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active

BUDGET RENT A CAR (Continued) **S110060396**

Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: BUDGET RENT A CAR
edr_fadd1: 177 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0092

CERS:
Name: BUDGET RENT-A-CAR
Address: 177 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 220773
CERS ID: T0608100087
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

AZ473 **BUDGET RENT A CAR** **RCRA-SQG** **1000234334**
NNE **177 S AIRPORT BLVD** **LUST** **CAD982038259**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **SWEEPS UST**
0.282 mi. **HIST UST**
1488 ft. **Site 2 of 2 in cluster AZ** **CA FID UST**
FINDS
Relative: **ECHO**
Higher **HIST CORTESE**

Actual:
28 ft.

RCRA-SQG:

Date Form Received by Agency:		19960901
Handler Name:	BUDGET RENT A CAR	
Handler Address:		177 S AIRPORT BLVD
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD982038259
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		177 S AIRPORT BLVD
Mailing City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported

BUDGET RENT A CAR (Continued) **1000234334**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUDGET RENT A CAR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported

BUDGET RENT A CAR (Continued) **1000234334**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: BUDGET RENT A CAR
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19870928
Handler Name: BUDGET RENT A CAR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 532111
NAICS Description: PASSENGER CAR RENTAL

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN MATEO CO. LUST:
Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550006
Facility Status: 9- Case Closed
Global ID: T0608100087
APN Number: 015123730
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST REG 2:

BUDGET RENT A CAR (Continued) **1000234334**

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550006
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000001
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 10

Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000002
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

BUDGET RENT A CAR (Continued) **1000234334**

Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000003
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000004
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000005
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT

BUDGET RENT A CAR (Continued) **1000234334**

Content: REG UNLEADED
Number Of Tanks: Not reported

Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000006
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000007
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000008
Tank Status: Not reported
Capacity: 12000

BUDGET RENT A CAR (Continued) **1000234334**

Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000009
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: PREMIUM UNLE
Number Of Tanks: Not reported

Name: BUDGET RENT-A-CAR
Address: 177 S AIRPORT BLVD
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550061
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550061-000010
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:
Name: BUDGET RENT A CAR
Address: 177 S AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000052675
Facility Type: Other
Other Type: CAR RENTAL AGENCY
Contact Name: PAUL CHRISTENSEN

BUDGET RENT A CAR (Continued) **1000234334**

Telephone:	4158774452
Owner Name:	BUDGET RENT A CAR CORPORATION
Owner Address:	200 NO. MICHIGAN AVE.
Owner City,St,Zip:	CHICAGO, IL 60601
Total Tanks:	0007
Tank Num:	001
Container Num:	1
Year Installed:	1976
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1976
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1976
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1976
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor
Tank Num:	005
Container Num:	5
Year Installed:	1976
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor
Tank Num:	006
Container Num:	6
Year Installed:	1976
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL

BUDGET RENT A CAR (Continued) **1000234334**

Container Construction Thickness: 1/4
Leak Detection: Visual, Stock Inventor

Tank Num: 007
Container Num: ZONE 7
Year Installed: 1976
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Container Construction Thickness: 1/4
Leak Detection: Visual, Stock Inventor

CA FID UST:
Facility ID: 41000120
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158757540
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SO. SAN FRANCISCO 94080
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:
Registry ID: 110002784719

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110070523250

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
Registry ID: 110055802751

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

BUDGET RENT A CAR (Continued) **1000234334**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000234334
Registry ID:	110055802751
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055802751
Name:	HERTZ RENT-A-CAR (1298-00)
Address:	177 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

Envid:	1000234334
Registry ID:	110002784719
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002784719
Name:	BUDGET RENT A CAR
Address:	177 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

HIST CORTESE:

edr_fname:	BUDGET RENT A CAR (FORMER
edr_fadd1:	6650 EARHART
City,State,Zip:	SACRAMENTO, CA 95837
Region:	CORTESE
Facility County Code:	34
Reg By:	LTNKA
Reg Id:	340934

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474 **COSTCO WHOLESALE NO 422** **RCRA-LQG** **1004677951**
ESE **451 SOUTH AIRPORT BOULEVARD** **ENVIROSTOR** **CAR000103341**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HAZNET**
0.284 mi. **CERS**
1502 ft. **HWTS**

Relative: **Higher**
Actual: **21 ft.**

RCRA-LQG:

Date Form Received by Agency:	20200228
Handler Name:	COSTCO WHOLESALE NO 422
Handler Address:	451 SOUTH AIRPORT BOULEVARD
Handler City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAR000103341
Contact Name:	SHARON SAKNIT
Contact Address:	LAKE DR
Contact City,State,Zip:	ISSAQUAH, WA 98027
Contact Telephone:	425-416-2334
Contact Fax:	Not reported
Contact Email:	SSAKNIT@COSTCO.COM
Contact Title:	DIRECTOR, GLOBAL SUSTAINABILITY & COMPLIANCE
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2019
Accessibility:	Not reported
Active Site Indicator:	Handler Activities

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SOUTH AIRPORT BOULEVARD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	CITY OF SOUTH SAN FRANCISCO
Owner Type:	Private
Operator Name:	COSTCO WHOLESALE CORPORATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201009
Recognized Trader-Importer:	No

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D013
Waste Description: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

Waste Code: D016

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P046
Waste Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P188
Waste Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Waste Code: P204
Waste Description: PHYSOSTIGMINE (OR) PYRROLO[2,3-B]INDOL-5-OL, 1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYL-METHYLCARBAMATE (ESTER), (3AS-CIS)-

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Waste Code: U015
Waste Description: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U057
Waste Description: CYCLOHEXANONE (I)

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U075
Waste Description: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U121
Waste Description: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U151
Waste Description: MERCURY

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U187
Waste Description: ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U206
Waste Description: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Waste Code: U237
Waste Description: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: COSTCO WHOLESALE CORPORATION
Legal Status: Private
Date Became Current: 19920120
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: 425-313-8100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: RTHOMPSON@COSTCO.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 19870518
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CITY OF SOUTH SAN FRANCISCO
Legal Status: Private
Date Became Current: 19920120
Date Ended Current: Not reported
Owner/Operator Address: 400 GRAD AVE

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94083
Owner/Operator Telephone:	650-829-6652
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	19920120
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF SOUTH SAN FRANCISCO
Legal Status:	Private
Date Became Current:	19870518
Date Ended Current:	Not reported
Owner/Operator Address:	400 GRAND AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94083
Owner/Operator Telephone:	650-829-6652
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF SOUTH SAN FRANCISCO
Legal Status:	Private
Date Became Current:	19870518
Date Ended Current:	Not reported
Owner/Operator Address:	400 GRAND AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94083
Owner/Operator Telephone:	650-829-6652
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	19920120
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF SOUTH SAN FRANCISCO
Legal Status:	Private

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Date Became Current:	19870518
Date Ended Current:	Not reported
Owner/Operator Address:	400 GRAND AVENUE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94083
Owner/Operator Telephone:	650-829-6652
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20160303
Handler Name: COSTCO WHOLESALE # 422	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20180301
Handler Name: COSTCO WHOLESALE NO 422	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20200228
Handler Name: COSTCO WHOLESALE NO 422	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20010820
Handler Name: COSTCO WHOLESALE NO 422
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140505
Handler Name: COSTCO WHOLESALE NO 422
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 452311
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code: 452910
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code: 812922
NAICS Description: ONE-HOUR PHOTOFINISHING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20151130
Actual Return to Compliance Date: 20160122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20151130
Actual Return to Compliance Date:	20160122
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20170425
Actual Return to Compliance Date:	20170516
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20170425
Actual Return to Compliance Date:	20170516
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20151130
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20160122
Scheduled Compliance Date:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20151130
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20160122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170425
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170516
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180103
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170425
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170516
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Evaluation Date:	20190621
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20201117
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180109
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180103
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	PRICE CLUB #422
Address:	451 S. AIRPORT BOULEVARD
City,State,Zip:	SAN MATEO, CA 94080

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Facility ID: 71003270
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.64223
Longitude: -122.4010
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000063561
Alias Type: EPA Identification Number
Alias Name: 71003270
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:
Name: COSTCO WHOLESALE NO 422
Address: 451 S AIRPORT BLVD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact: LISA SIMPSON
Telephone: 4253136275
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT STE 200

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Year:	2017
Gepaid:	CAR000103341
TSD EPA ID:	NVD980895338
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0045
Year:	2017
Gepaid:	CAR000103341
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.001
Year:	2017
Gepaid:	CAR000103341
TSD EPA ID:	CAD008364432
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0015
Year:	2017
Gepaid:	CAR000103341
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.132
Year:	2017
Gepaid:	CAR000103341
TSD EPA ID:	NVD980895338
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01
Year:	2017
Gepaid:	CAR000103341
TSD EPA ID:	NVD980895338
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.001
Year:	2017
Gepaid:	CAR000103341
TSD EPA ID:	NVD980895338
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.155
Year:	2017

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Gepaid: CAR000103341
TSD EPA ID: NVD980895338
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H121 - Neutralization Only
Tons: 0.002

Year: 2017
Gepaid: CAR000103341
TSD EPA ID: NVD980895338
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H121 - Neutralization Only
Tons: 0.009

Year: 2016
Gepaid: CAR000103341
TSD EPA ID: CAD980884183
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: -
Tons: 0.038

Click this hyperlink while viewing on your computer to access
104 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2010
Gen EPA ID: CAR000103341

Shipment Date: 20101209
Creation Date: 5/24/2011 18:30:22
Receipt Date: 20101227
Manifest ID: 003835805FLE
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D018
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101117
Creation Date: 4/27/2011 18:30:18
Receipt Date: 20101207
Manifest ID: 003723833FLE
Trans EPA ID: TXR000050930

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101109
Creation Date:	5/20/2011 18:30:13
Receipt Date:	20101129
Manifest ID:	003723690FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101109
Creation Date:	4/22/2011 18:30:20
Receipt Date:	20101123
Manifest ID:	003723697FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

RCRA Code:	D040
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101101
Creation Date:	4/22/2011 18:31:02
Receipt Date:	20101119
Manifest ID:	004210054FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0345
Waste Quantity:	69
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101101
Creation Date:	4/22/2011 18:31:02
Receipt Date:	20101119
Manifest ID:	004210054FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0855
Waste Quantity:	171
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Code 5:	Not reported
Shipment Date:	20101101
Creation Date:	4/22/2011 18:31:02
Receipt Date:	20101119
Manifest ID:	004210054FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101022
Creation Date:	4/22/2011 18:30:28
Receipt Date:	20101115
Manifest ID:	003724179FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100916
Creation Date:	2/10/2011 18:30:08
Receipt Date:	20101004
Manifest ID:	003755699FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100824
Creation Date:	2/8/2011 18:30:17
Receipt Date:	20100914
Manifest ID:	007297907JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAR000103341

Shipment Date:	20171116
Creation Date:	10/16/2018 18:31:07
Receipt Date:	20171228
Manifest ID:	010733378FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	U034
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171116
Creation Date:	6/27/2018 18:30:40
Receipt Date:	20171215
Manifest ID:	010733379FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	84
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171116
Creation Date:	6/27/2018 18:30:40
Receipt Date:	20171215
Manifest ID:	010733379FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.09

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171116
Creation Date:	6/27/2018 18:30:40
Receipt Date:	20171215
Manifest ID:	010733379FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171116
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010733379FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Shipment Date:	20171116
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010733379FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171116
Creation Date:	6/27/2018 18:30:40
Receipt Date:	20171215
Manifest ID:	010733379FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D026
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D010
Additional Code 3:	D005
Additional Code 4:	D004
Additional Code 5:	Not reported

Shipment Date:	20171116
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010733379FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D024
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D022
Additional Code 2:	D013
Additional Code 3:	D009
Additional Code 4:	D007
Additional Code 5:	Not reported

Shipment Date:	20171116
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010733379FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0465
Waste Quantity:	93
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170825
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010732897FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.212
Waste Quantity: 424
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAR000103341

Shipment Date: 20151230
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008517281FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAR000210617
Trans 2 Name: 21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID: CAD980884183
Trans Name: GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151230
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008517281FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAR000210617
Trans 2 Name: 21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID: CAD980884183
Trans Name: GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.047

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Waste Quantity:	94
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20160114
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20160114
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	42
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Shipment Date:	20151230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151230
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20160114
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0405
Waste Quantity:	81
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151230
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20160114
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151211
Creation Date:	10/18/2016 18:31:25
Receipt Date:	20151217
Manifest ID:	001177850PSC
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	MNS000110924
Trans 2 Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.032
Waste Quantity:	64
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151211
Creation Date:	10/18/2016 18:31:25
Receipt Date:	20151217
Manifest ID:	001177850PSC
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	MNS000110924
Trans 2 Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2225
Waste Quantity:	445
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	10/18/2016 18:31:25
Receipt Date:	20151217
Manifest ID:	001177850PSC
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	MNS000110924
Trans 2 Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.0485
Waste Quantity:	97
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAR000103341
Shipment Date:	20141229
Creation Date:	6/25/2015 22:15:19
Receipt Date:	20150114
Manifest ID:	007312016FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141229
Creation Date:	6/25/2015 22:15:19
Receipt Date:	20150114
Manifest ID:	007312016FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141229
Creation Date:	6/25/2015 22:15:19
Receipt Date:	20150114
Manifest ID:	007312016FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.041
Waste Quantity:	82
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141229

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Creation Date:	6/25/2015 22:15:19
Receipt Date:	20150114
Manifest ID:	007312016FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0535
Waste Quantity:	107
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141203
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007311961FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141203
Creation Date:	5/11/2015 22:15:07
Receipt Date:	20141208
Manifest ID:	007311961FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141203
Creation Date:	5/11/2015 22:15:07
Receipt Date:	20141208
Manifest ID:	007311961FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.012
Waste Quantity:	24
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141203
Creation Date:	5/11/2015 22:15:07
Receipt Date:	20141208
Manifest ID:	007311961FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	84
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141203
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007311961FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.118
Waste Quantity:	236
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141203
Creation Date:	5/11/2015 22:15:07
Receipt Date:	20141208
Manifest ID:	007311961FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0245
Waste Quantity:	49
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAR000103341

Shipment Date: 20131218
Creation Date: 5/24/2014 22:15:13
Receipt Date: 20140110
Manifest ID: 006237745FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID: INR000110197
Trans Name: STERICYCLE INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0755
Waste Quantity: 151
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131218
Creation Date: 5/24/2014 22:15:13
Receipt Date: 20140110
Manifest ID: 006237745FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID: INR000110197
Trans Name: STERICYCLE INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0045
Waste Quantity: 9
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Shipment Date:	20131218
Creation Date:	5/24/2014 22:15:13
Receipt Date:	20140110
Manifest ID:	006237745FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	232 - Pesticides and other waste associated with pesticide production
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131218
Creation Date:	5/24/2014 22:15:13
Receipt Date:	20140110
Manifest ID:	006237745FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0555
Waste Quantity:	111
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131017
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005137755FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.077
Waste Quantity:	154
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131017
Creation Date:	3/21/2014 22:15:03
Receipt Date:	20131104
Manifest ID:	005137755FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.063
Waste Quantity:	126
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131017
Creation Date:	3/21/2014 22:15:03
Receipt Date:	20131104
Manifest ID:	005137755FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Quantity Tons:	0.016
Waste Quantity:	32
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131017
Creation Date:	3/21/2014 22:15:03
Receipt Date:	20131104
Manifest ID:	005137755FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131017
Creation Date:	3/21/2014 22:15:03
Receipt Date:	20131104
Manifest ID:	005137755FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0365
Waste Quantity:	73
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Code 5:	Not reported
Shipment Date:	20130814
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006264452FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000103341
Shipment Date:	20121207
Creation Date:	4/29/2013 22:15:06
Receipt Date:	20121214
Manifest ID:	005969103FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0155
Waste Quantity:	31
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121207
Creation Date:	4/29/2013 22:15:06

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Receipt Date:	20121214
Manifest ID:	005969103FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0165
Waste Quantity:	33
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121207
Creation Date:	4/29/2013 22:15:06
Receipt Date:	20121214
Manifest ID:	005969103FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	P001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121207
Creation Date:	4/29/2013 22:15:06
Receipt Date:	20121214
Manifest ID:	005969103FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121204
Creation Date:	2/14/2013 22:15:30
Receipt Date:	20121212
Manifest ID:	005773883FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121115
Creation Date:	4/17/2013 22:15:43
Receipt Date:	20121121
Manifest ID:	005773798FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121011
Creation Date:	8/18/2013 22:15:07
Receipt Date:	20121017
Manifest ID:	005773118FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121004
Creation Date:	12/24/2012 22:15:22
Receipt Date:	20121030
Manifest ID:	000056860DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRON SERV
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	RHO-CHEM LLC
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Code 5:	Not reported
Shipment Date:	20121004
Creation Date:	12/24/2012 22:15:22
Receipt Date:	20121030
Manifest ID:	000056860DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRON SERV
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	RHO-CHEM LLC
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121004
Creation Date:	12/24/2012 22:15:22
Receipt Date:	20121030
Manifest ID:	000056860DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRON SERV
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	RHO-CHEM LLC
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAR000103341
Shipment Date:	20061221

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Creation Date:	9/20/2007 18:30:30
Receipt Date:	20070111
Manifest ID:	000314462CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060922
Creation Date:	6/11/2007 18:30:13
Receipt Date:	20061010
Manifest ID:	001821762JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000103341

Shipment Date:	20151230
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20160114
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0405
Waste Quantity:	81
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20160114
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	42
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20160114
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.047
Waste Quantity:	94
Quantity Unit:	P
Additional Code 1:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20160114
Manifest ID:	008517281FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	10/18/2016 18:31:25

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Receipt Date:	20151217
Manifest ID:	001177850PSC
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	MNS000110924
Trans 2 Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.032
Waste Quantity:	64
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151211
Creation Date:	10/18/2016 18:31:25
Receipt Date:	20151217
Manifest ID:	001177850PSC
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	MNS000110924
Trans 2 Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2225
Waste Quantity:	445
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151211
Creation Date:	10/18/2016 18:31:25
Receipt Date:	20151217
Manifest ID:	001177850PSC
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	MNS000110924
Trans 2 Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.0485
Waste Quantity:	97
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000103341
Shipment Date:	20111228
Creation Date:	5/24/2012 20:30:25
Receipt Date:	20120116
Manifest ID:	002937623SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D040
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111220
Creation Date:	4/26/2012 20:30:19
Receipt Date:	20120103
Manifest ID:	002937745SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111206
Creation Date:	4/25/2012 20:30:29
Receipt Date:	20111220
Manifest ID:	005011537FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.043
Waste Quantity:	86
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111130
Creation Date:	5/22/2012 20:30:10
Receipt Date:	20111219
Manifest ID:	002915980SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD91855791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Shipment Date:	20111014
Creation Date:	3/26/2012 20:30:13
Receipt Date:	20111101
Manifest ID:	002916378SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111014
Creation Date:	3/26/2012 20:30:13
Receipt Date:	20111101
Manifest ID:	002916378SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110922
Creation Date:	11/22/2012 22:15:09
Receipt Date:	20111003
Manifest ID:	004510045FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.041
Waste Quantity:	82
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110909
Creation Date:	3/20/2012 20:30:12
Receipt Date:	20110927
Manifest ID:	002586969SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110803
Creation Date:	2/7/2012 20:30:12
Receipt Date:	20110822
Manifest ID:	002795846SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110729
Creation Date:	5/4/2013 22:15:59
Receipt Date:	20110816
Manifest ID:	004782364FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.051
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAR000103341
Shipment Date:	20081218
Creation Date:	4/28/2009 18:30:08
Receipt Date:	20090107
Manifest ID:	001569384SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	TXD077603371
TSDF Alt Name:	SAFETY-KLEEN SYSTEMS INC
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081028
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20081110
Manifest ID:	001284452SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081028
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20081110
Manifest ID:	001284452SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081008
Creation Date:	2/20/2009 18:30:20
Receipt Date:	20081020
Manifest ID:	001282060SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080707
Creation Date:	11/14/2008 18:30:08
Receipt Date:	20080718
Manifest ID:	001209445SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080707
Creation Date:	11/14/2008 18:30:08
Receipt Date:	20080718
Manifest ID:	001209445SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080630
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080711
Manifest ID:	001209226SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080418
Creation Date:	9/10/2008 18:30:39
Receipt Date:	20080505
Manifest ID:	000624238SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Info:

Year:	2009
Gen EPA ID:	CAR000103341
Shipment Date:	20091204
Creation Date:	6/29/2010 18:30:46
Receipt Date:	20091221
Manifest ID:	002172473SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091204
Creation Date:	6/29/2010 18:30:46
Receipt Date:	20091221
Manifest ID:	002155537SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D040
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091204
Creation Date:	6/30/2010 18:30:08
Receipt Date:	20091214
Manifest ID:	002155538SKS
Trans EPA ID:	TXR000050930

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090909
Creation Date:	3/5/2010 18:31:00
Receipt Date:	20090929
Manifest ID:	002017469SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090831
Creation Date:	3/5/2010 18:30:45
Receipt Date:	20090914
Manifest ID:	002017418SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090831
Creation Date:	3/5/2010 18:31:00
Receipt Date:	20090916
Manifest ID:	002017417SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.4
Waste Quantity:	2800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090729
Creation Date:	1/8/2010 18:30:28
Receipt Date:	20090810
Manifest ID:	002017817SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090729
Creation Date:	1/8/2010 18:30:28
Receipt Date:	20090810
Manifest ID:	002017817SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090710
Creation Date:	1/8/2010 18:30:22
Receipt Date:	20090727
Manifest ID:	002017611SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090603
Creation Date:	10/13/2009 18:30:21
Receipt Date:	20090622
Manifest ID:	001727493SKS

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D018
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAR000103341

Shipment Date: 20071228
Creation Date: 5/30/2008 18:30:22
Receipt Date: 20080114
Manifest ID: 000693201SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANS INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code: D018
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071130
Creation Date: 5/6/2008 18:30:17
Receipt Date: 20071217
Manifest ID: 000675453SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT
TSDF EPA ID: TXD077603371

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071101
Creation Date:	4/16/2008 18:30:18
Receipt Date:	20071115
Manifest ID:	000087494SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071012
Creation Date:	4/9/2008 18:30:15
Receipt Date:	20071030
Manifest ID:	000087107SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070814
Creation Date:	3/4/2008 18:30:34
Receipt Date:	20070828
Manifest ID:	000581267SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.148
Waste Quantity:	296
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070525
Creation Date:	12/28/2007 18:30:06
Receipt Date:	20070613
Manifest ID:	000271958SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.148
Waste Quantity:	296
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070502
Creation Date:	12/20/2007 18:30:34
Receipt Date:	20070518

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Manifest ID:	000271825SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070315
Creation Date:	12/10/2007 18:30:29
Receipt Date:	20070330
Manifest ID:	000317558CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	COSTCO WHOLESALE NO 422
Address:	451 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	462620
CERS ID:	110012221522
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	ELIZ CAMPOS
Entity Title:	REGULATORY SPEC

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Affiliation Address: 3207 GREY HAWK CTSTE 200
Affiliation City: CARLSBAD
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: ERIC D ENSMINGER
Entity Title: SUPERVISOR, REGULATORY COMPLIANCE
Affiliation Address: 3207 GREY HAWK CTSTE 200
Affiliation City: CARLSBAD
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: ELIZABETH CAMPOS
Entity Title: REGULATORY SPEC
Affiliation Address: 3207 GREY HAWK CTSTE 200
Affiliation City: CARLSBAD
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: ELIZABETH CAMPOS
Entity Title: REGULATORY SPEC
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: COSTCO WHOLESALE #422
Address: 451 S AIRPORT BLVD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAR000103341
Inactive Date: Not reported
Create Date: 03/04/2003
Last Act Date: 08/06/2020
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT STE 200
Mailing Address 2: Not reported
Mailing City,State,Zip: CARLSBAD, CA 92010
Owner Name: COSTCO
Owner Address: 999 LAKE DR
Owner Address 2: Not reported
Owner City,State,Zip: ISSAQUAH, WA 980270000
Contact Name: JOHN KONING
Contact Address: 3207 GREY HAWK CT., SUITE 200

COSTCO WHOLESALE NO 422 (Continued) **1004677951**

Contact Address 2: Not reported
City,State,Zip: CARLSBAD, CA 920100000

NAICS:
EPA ID: CAR000103341
Create Date: 2003-10-23 13:13:52.000
NAICS Code: 45299
NAICS Description: All Other General Merchandise Stores
Issued EPA ID Date: 2003-03-04 14:25:35.18700
Inactive Date: Not reported
Facility Name: COSTCO WHOLESALE #422
Facility Address: 451 S Airport Blvd
Facility Address 2: Not reported
Facility City: SOUTH SAN FRANCISCO
Facility County: Not reported
Facility State: CA
Facility Zip: 94080

AY475 **CALEGARI PROPERTY** **LUST** **S102426103**
NNW **40 LINDEN** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.286 mi. **HIST CORTESE**
1512 ft. **Site 3 of 4 in cluster AY** **CERS**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:
Name: CALEGARI PROPERTY
Address: 40 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550149
Facility Status: 9- Case Closed
Global ID: T0608100905
APN Number: 014102020
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: CALEGARI PROPERTY
Address: 40 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100905
Global Id: T0608100905
Latitude: 37.6496372899922
Longitude: -122.412240228172
Status: Completed - Case Closed
Status Date: 06/29/2000
Case Worker: JM
RB Case Number: 41-0990
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550149
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

CALEGARI PROPERTY (Continued) **S102426103**

LUST:
Global Id: T0608100905
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100905
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100905
Action Type: Other
Date: 04/25/1996
Action: Leak Discovery

Global Id: T0608100905
Action Type: ENFORCEMENT
Date: 06/05/1996
Action: Notice of Responsibility - #1

Global Id: T0608100905
Action Type: Other
Date: 04/25/1996
Action: Leak Reported

Global Id: T0608100905
Action Type: REMEDIATION
Date: 05/01/1996
Action: Free Product Removal

LUST:
Global Id: T0608100905
Status: Open - Case Begin Date
Status Date: 04/25/1996

Global Id: T0608100905
Status: Completed - Case Closed
Status Date: 06/29/2000

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550149

CALEGARI PROPERTY (Continued) **S102426103**

How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: COMMERCIAL PROPERTY
Address: 40 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0023798
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0027769
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: ROSS AUTO CLINIC
Address: 40 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0014902
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0028607
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: ROSS AUTO CLINIC
Address: 40 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0014902
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024222
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: COUNTRY RHOADS FOUR WHEEL DRIV
Address: 40 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0009150
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0004310
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CALEGARI PROPERTY (Continued) **S102426103**

Name: COUNTRY RHOADS FOUR WHEEL DRIV
Address: 40 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0009150
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011639
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: CALEGARI PROPERTY
Address: 40 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100905
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: CALEGARI PROPERTY
edr_fadd1: 40 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0990

CERS:
Name: CALEGARI PROPERTY
Address: 40 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 217962
CERS ID: T0608100905
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker

CALEGARI PROPERTY (Continued) **S102426103**

Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

AW476 **BASAPCO, INC.** **ENVIROSTOR** **S107735888**
NNW **27-S. LINDEN** **VCP** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **DEED**
0.287 mi.
1516 ft. **Site 2 of 3 in cluster AW**

Relative: **Higher**
Actual: **23 ft.**

ENVIROSTOR:

Name:	BASAPCO, INC.
Address:	27-S. LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	41360069
Status:	Certified / Operation & Maintenance
Status Date:	03/19/2009
Site Code:	201561
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.5
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 2 - San Francisco Bay, SAN MATEO COUNTY
Lead Agency:	SMBRP
Program Manager:	Nathan Unangst
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Polanco Redevelopment MOA
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.65023
Longitude:	-122.4112
APN:	014-074-020, 014074020
Past Use:	BATTERY RECLAMATION, VEHICLE MAINTENANCE
Potential COC:	Lead TPH-MOTOR OIL
Confirmed COC:	Lead TPH-MOTOR OIL
Potential Description:	SOIL
Alias Name:	BATTERY SALES AND PROCESSING COMPANY
Alias Type:	Alternate Name

BASAPCO, INC. (Continued) **S107735888**

Alias Name: FORMER BASAPCO, INC. PROPERTY
Alias Type: Alternate Name
Alias Name: 014-074-020
Alias Type: APN
Alias Name: 014074020
Alias Type: APN
Alias Name: CAD068843796
Alias Type: EPA Identification Number
Alias Name: 110033617101
Alias Type: EPA (FRS #)
Alias Name: 201561
Alias Type: Project Code (Site Code)
Alias Name: 41360069
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 01/05/2009
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/28/2020
Comments: REW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/16/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/21/2008
Comments: Comments were received and responded to.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/23/2008
Comments: Since the ESD was approved additional soil east of the pump station was removed, reducing and area of residual contamination and the area of the Site requiring a cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/04/2008

BASAPCO, INC. (Continued) **S107735888**

Comments: ESD Public Comment Period was completed on August 20, 2008. Comments were received from the NMFS and responded to. No other comments were received. The ESD was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 11/25/2008
Comments: OMP approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/26/2009
Comments: Cap Inspection Report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/25/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/10/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/31/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/06/2012
Comments: Annual CAP Inspection and Report - remedy functioning as designed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/09/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/14/2014
Comments: Annual Report complete and accepted by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/28/2015
Comments: Completed

BASAPCO, INC. (Continued) **S107735888**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/18/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/30/2017
Comments: Cap/Cover working as designed. No conditions of concern.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/21/2018
Comments: Inspection Report Accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/11/2020
Comments: Annual Inspection report for Asphalt Cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/18/1987
Comments: The soil is contaminated with hazardous substances, including lead which as found as high as 160,000 milligrams per kilogram in surface soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 11/07/2006
Comments: DTSC approves the lead cleanup number.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/25/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/30/2007
Comments: No comments were received on the Removal Action Workplan. The plan requires the excavation and off-site disposal of lead contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/07/1994
Comments: Report prepared for USEPA

BASAPCO, INC. (Continued) **S107735888**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/08/2005
Comments: San Francisco RWQCB concurred that the shallow groundwater at 27 South Linden Avenue meets the exemption criteria in the SWRCB Sources of Drinking Water Policy, Resolution No. 88-63.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/02/2004
Comments: On September 29, 2004, DTSC staff collected and analyzed surface water and soil sediment samples from Colma Creek and the creek bed, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 01/25/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/13/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/14/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/14/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 07/14/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/30/2007
Comments: No comments received on the NOE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/19/2009
Comments: Site Certification completed. O&M and LUC are in place for the Site.

BASAPCO, INC. (Continued) **S107735888**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/12/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: FACILITY IDENTIFIED ACTIVE SITE I.D.'D IND. OF DRIVE BY *EQR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/23/2021
Comments: Completed on 8/23/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/19/2019
Comments: Completed 5-year review

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/30/2014
Comments: Inspection completed for both the annual and 5-year review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/25/2015
Comments: Inspection of Asphalt CAP. CAP functioning as designed with no significant cracking or deterioration.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/10/2014
Comments: 5-year review of BASAPCO site with asphalt cap. Remedy remains protective.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 01/15/2020
Comments: 5-year Review Report

Completed Area Name: PROJECT WIDE

BASAPCO, INC. (Continued) **S107735888**

Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/18/2019
Comments: Public Notice

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 08/06/2021
Comments: Inspection report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 11/18/2011
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/18/2015
Comments: Cost revisions, delayed mail out of cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/16/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 11/06/2012
Comments: Annual Cap inspection and report - remedy functioning as designed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 12/21/2011
Comments: Demand letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/16/2012

BASAPCO, INC. (Continued) **S107735888**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2014
Comments: Task Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/05/2016
Comments: Facility completed a 5-year review last year. Based on information and photos contained in the report, as well as a history of being a very low risk site, inspection consisted of a drive-by only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/19/2009
Comments: Executed LUC sent to San Mateo County for recording by the City of South San Francisco.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2024
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: BASAPCO, INC.
Address: 27-S. LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Facility ID: 41360069
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 2 - San Francisco Bay, SAN MATEO COUNTY
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Nathan Unangst
Supervisor: Kimberly Walsh
Division Branch: Cleanup Berkeley
Site Code: 201561
Assembly: 22
Senate: 13
Special Programs Code: Polanco Redevelopment MOA
Status: Certified / Operation & Maintenance
Status Date: 03/19/2009
Restricted Use: YES
Funding: Responsible Party

BASAPCO, INC. (Continued) **S107735888**

Lat/Long:	37.65023 / -122.4112
APN:	014-074-020, 014074020
Past Use:	BATTERY RECLAMATION, VEHICLE MAINTENANCE
Potential COC:	30013, 3002502
Confirmed COC:	30013,3002502
Potential Description:	SOIL
Alias Name:	BATTERY SALES AND PROCESSING COMPANY
Alias Type:	Alternate Name
Alias Name:	FORMER BASAPCO, INC. PROPERTY
Alias Type:	Alternate Name
Alias Name:	014-074-020
Alias Type:	APN
Alias Name:	014074020
Alias Type:	APN
Alias Name:	CAD068843796
Alias Type:	EPA Identification Number
Alias Name:	110033617101
Alias Type:	EPA (FRS #)
Alias Name:	201561
Alias Type:	Project Code (Site Code)
Alias Name:	41360069
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation & Maintenance Order/Agreement
Completed Date:	01/05/2009
Comments:	Completed
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/28/2020
Comments:	REW
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	02/16/2021
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Project Management
Completed Date:	06/30/2021
Comments:	Completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	07/21/2008
Comments:	Comments were received and responded to.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	09/23/2008

BASAPCO, INC. (Continued) **S107735888**

Comments: Since the ESD was approved additional soil east of the pump station was removed, reducing and area of residual contamination and the area of the Site requiring a cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/04/2008
Comments: ESD Public Comment Period was completed on August 20, 2008. Comments were received from the NMFS and responded to. No other comments were received. The ESD was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 11/25/2008
Comments: OMP approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/26/2009
Comments: Cap Inspection Report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/25/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/10/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/31/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/06/2012
Comments: Annual CAP Inspection and Report - remedy functioning as designed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/09/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report

BASAPCO, INC. (Continued) **S107735888**

Completed Date: 06/14/2014
Comments: Annual Report complete and accepted by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/28/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/18/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/30/2017
Comments: Cap/Cover working as designed. No conditions of concern.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/21/2018
Comments: Inspection Report Accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/11/2020
Comments: Annual Inspection report for Asphalt Cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/18/1987
Comments: The soil is contaminated with hazardous substances, including lead which as found as high as 160,000 milligrams per kilogram in surface soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 11/07/2006
Comments: DTSC approves the lead cleanup number.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/25/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/30/2007

BASAPCO, INC. (Continued) **S107735888**

Comments:	No comments were received on the Removal Action Workplan. The plan requires the excavation and off-site disposal of lead contaminated soil.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/07/1994
Comments:	Report prepared for USEPA
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	08/08/2005
Comments:	San Francisco RWQCB concurred that the shallow groundwater at 27 South Linden Avenue meets the exemption criteria in the SWRCB Sources of Drinking Water Policy, Resolution No. 88-63.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	11/02/2004
Comments:	On September 29, 2004, DTSC staff collected and analyzed surface water and soil sediment samples from Colma Creek and the creek bed, respectively.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	01/25/2007
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	06/13/2008
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	07/14/2008
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	07/14/2008
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	07/14/2006
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

BASAPCO, INC. (Continued) **S107735888**

Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/30/2007
Comments: No comments received on the NOE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/19/2009
Comments: Site Certification completed. O&M and LUC are in place for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/12/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: FACILITY IDENTIFIED ACTIVE SITE I.D.'D IND. OF DRIVE BY *EQR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/23/2021
Comments: Completed on 8/23/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/19/2019
Comments: Completed 5-year review

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/30/2014
Comments: Inspection completed for both the annual and 5-year review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/25/2015
Comments: Inspection of Asphalt CAP. CAP functioning as designed with no significant cracking or deterioration.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice

BASAPCO, INC. (Continued) **S107735888**

Completed Date: 12/10/2014
Comments: 5-year review of BASAPCO site with asphalt cap. Remedy remains protective.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 01/15/2020
Comments: 5-year Review Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/18/2019
Comments: Public Notice

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 08/06/2021
Comments: Inspection report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 11/18/2011
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/18/2015
Comments: Cost revisions, delayed mail out of cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/16/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 11/06/2012
Comments: Annual Cap inspection and report - remedy functioning as designed.

BASAPCO, INC. (Continued) **S107735888**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 12/21/2011
Comments: Demand letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2014
Comments: Task Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/05/2016
Comments: Facility completed a 5-year review last year. Based on information and photos contained in the report, as well as a history of being a very low risk site, inspection consisted of a drive-by only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/19/2009
Comments: Executed LUC sent to San Mateo County for recording by the City of South San Francisco.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2024
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Name: BASAPCO, INC.
Address: 27-S. LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Envirostor ID: 41360069
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 02/19/2009
File Name: Envirostor Land Use Restrictions

AW477 **BASAPCO INC** **SEMS-ARCHIVE** **1002850686**
NNW **27 S LINDEN AVE** **CAD068843796**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.287 mi.
1516 ft. **Site 3 of 3 in cluster AW**

Relative:
Higher

Actual:
23 ft.

SEMS Archive:

Site ID:	0901535
EPA ID:	CAD068843796
Name:	BASAPCO INC
Address:	27 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Cong District:	11
FIPS Code:	06081
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0901535
EPA ID:	CAD068843796
Site Name:	BASAPCO INC
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1994-03-29 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0901535
EPA ID:	CAD068843796
Site Name:	BASAPCO INC
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	2
Start Date:	Not reported
Finish Date:	1990-07-02 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901535
EPA ID:	CAD068843796
Site Name:	BASAPCO INC
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1

BASAPCO INC (Continued) **1002850686**

Start Date:	Not reported
Finish Date:	1984-08-01 05:00:00
Qual:	L
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901535
EPA ID:	CAD068843796
Site Name:	BASAPCO INC
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1979-01-01 05:00:00
Finish Date:	1979-01-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901535
EPA ID:	CAD068843796
Site Name:	BASAPCO INC
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1984-08-01 05:00:00
Qual:	H
Current Action Lead:	EPA Perf

---

478 **JACKSON ARMS (FORMER)** **CPS-SLIC S123523471**
ENE **152 UTAH AVENUE** **CERS N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 95420**
0.290 mi.
1532 ft.

Relative: **Lower**

Actual: **20 ft.**

CPS-SLIC:

Name:	JACKSON ARMS (FORMER)
Address:	152 UTAH AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 95420
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	01/03/2019
Global Id:	T10000012532
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	559229
Latitude:	37.64565
Longitude:	-122.40155
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported

JACKSON ARMS (FORMER) (Continued) **S123523471**

File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Lead
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS:
Name: JACKSON ARMS (FORMER)
Address: 152 UTAH AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 95420
Site ID: 447777
CERS ID: T10000012532
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

479
ESE
1/4-1/2
0.292 mi.
1540 ft.

BURLINGTON AIR EXPRESS
140 BELLE AIR
S SAN FRANCISCO, CA 94080

LUST **S102425922**
Cortese **N/A**
HIST CORTESE
CERS

Relative:
Higher

Actual:
23 ft.

SAN MATEO CO. LUST:
Name: BURLINGTON AIR EXPRESS
Address: 140 BELLE AIR RD
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550052
Facility Status: 9- Case Closed
Global ID: T0608100093
APN Number: 015173080
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: BURLINGTON AIR EXPRESS
Address: 140 BELLE AIR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100093
Global Id: T0608100093
Latitude: 37.640977
Longitude: -122.401086
Status: Completed - Case Closed
Status Date: 01/31/2001

BURLINGTON AIR EXPRESS (Continued) **S102425922**

Case Worker:	JM
RB Case Number:	41-0098
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550052
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100093
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100093
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100093
Action Type:	Other
Date:	06/08/1989
Action:	Leak Discovery

Global Id:	T0608100093
Action Type:	ENFORCEMENT
Date:	03/20/1990
Action:	Notice of Responsibility - #1

Global Id:	T0608100093
Action Type:	Other
Date:	01/19/1990
Action:	Leak Reported

Global Id:	T0608100093
Action Type:	REMEDIATION
Date:	06/01/1989
Action:	Excavation

Global Id:	T0608100093
Action Type:	REMEDIATION
Date:	06/01/1989
Action:	Excavation

Global Id:	T0608100093
Action Type:	REMEDIATION
Date:	06/01/1989

BURLINGTON AIR EXPRESS (Continued) **S102425922**

Action: Pump & Treat (P&T) Groundwater

LUST:
Global Id: T0608100093
Status: Open - Case Begin Date
Status Date: 06/08/1989

Global Id: T0608100093
Status: Completed - Case Closed
Status Date: 01/31/2001

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550052
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: BURLINGTON AIR EXPRESS
Address: 140 BELLE AIR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100093
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

BURLINGTON AIR EXPRESS (Continued) **S102425922**

HIST CORTESE:

edr_fname:	BURLINGTON EXPRESS
edr_fadd1:	140 BELLE AIR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0098

edr_fname:	BURLINGTON AIR EXPRESS
edr_fadd1:	140 BELLE AIR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0116

CERS:

Name:	BURLINGTON AIR EXPRESS
Address:	140 BELLE AIR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	217938
CERS ID:	T0608100093
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

AY480 **LOPEZ PROPERTY** **CPS-SLIC S109277167**
NNW **34-36 SOUTH LINDEN AVENUE** **CERS N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.295 mi.
1555 ft. **Site 4 of 4 in cluster AY**

Relative:
Higher

Actual:
25 ft.

CPS-SLIC:

Name:	LOPEZ PROPERTY
Address:	34-36 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

LOPEZ PROPERTY (Continued) **S109277167**

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/17/2003
Global Id:	T0608110422
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	559173
Latitude:	37.653164
Longitude:	-122.410798
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Lead
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	LOPEZ PROPERTY
Address:	34-36 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	221593
CERS ID:	T0608110422
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BA481 **SFO HOTEL SHUUTLE INC; LOOP TRANSPORTATION INC DBA** **CPS-SLIC** **S113757896**
SW **54 TANFORAN AVE** **HAZNET** **N/A**
1/4-1/2 **S SAN FRAN, CA 94080** **CERS**
0.299 mi. **HWTS**
1579 ft. **Site 1 of 2 in cluster BA**

Relative:
Higher

Actual:
25 ft.

CPS-SLIC:

Name:	54 TANFORAN
Address:	54 TANFORAN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	01/09/2019
Global Id:	T10000012479
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	559230
Latitude:	37.64142
Longitude:	-122.41566
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Lead, Polynuclear aromatic hydrocarbons (PAHs)
Site History:	open case 1/9/2019

Click here to access the California GeoTracker records for this facility:

HAZNET:

Name:	LOOP TRANSPORTATION
Address:	54 TANFORAN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact:	ABDUL KHAN
Telephone:	4159159732
Mailing Name:	Not reported
Mailing Address:	54 TANFORAN AVE
Year:	2019
Gepaid:	CAL000434087
TSD EPA ID:	CAL000282598
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.98075
Year:	2019
Gepaid:	CAL000381307
TSD EPA ID:	UTD991301748
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.07500
Year:	2019
Gepaid:	CAL000381307
TSD EPA ID:	NED981723513
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)

SFO HOTEL SHUUTLE INC; LOOP TRANSPORTATION INC DBA SFO SHUTT (Continued) **S113757896**

Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.15000
Year:	2018
Gepaid:	CAL000381307
TSD EPA ID:	CAD059494310
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.10000
Year:	2018
Gepaid:	CAL000381307
TSD EPA ID:	CAD059494310
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05000
Year:	2014
Gepaid:	CAL000381307
TSD EPA ID:	CAD059494310
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H070 -
Tons:	0.2
Year:	2013
Gepaid:	CAL000381307
TSD EPA ID:	CAD980675276
CA Waste Code:	-
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.1

Additional Info:

Year:	2014
Gen EPA ID:	CAL000381307
Shipment Date:	20141203
Creation Date:	3/5/2015 22:15:08
Receipt Date:	20141216
Manifest ID:	004407024SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEANHARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H070 - Not reported
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P

SFO HOTEL SHUUTLE INC; LOOP TRANSPORTATION INC DBA SFO SHUTT (Continued) **S113757896**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000381307
Shipment Date:	20130731
Creation Date:	10/22/2013 22:15:05
Receipt Date:	20130821
Manifest ID:	003817199SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	54 TANFORAN
Address:	54 TANFORAN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	513186
CERS ID:	T10000012479
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

HWTS:

SFO HOTEL SHUUTLE INC; LOOP TRANSPORTATION INC DBA SFO SHUTT (Continued) **S113757896**

Name:	SFO HOTEL SHUUTLE INC; LOOP TRANSPORTATION INC DBA SFO SHUTTLE BUS CO
Address:	54 TANFORAN AVE
Address 2:	Not reported
City,State,Zip:	S SAN FRAN, CA 94080
EPA ID:	CAL000381307
Inactive Date:	06/30/2019
Create Date:	12/28/2012
Last Act Date:	09/17/2020
Mailing Name:	Not reported
Mailing Address:	54 TANFORAN AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	S SAN FRAN, CA 940800000
Owner Name:	SFO HOTEL SHUTTLE; LOOP TRANS INC
Owner Address:	325 FIFTH ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941070000
Contact Name:	ABDUL KHAN
Contact Address:	54 TANFORAN AVE
Contact Address 2:	Not reported
City,State,Zip:	S SAN FRANCISCO, CA 94080

NAICS:

EPA ID:	CAL000381307
Create Date:	2012-12-28 12:55:07.747
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2012-12-28 12:55:07.74700
Inactive Date:	2019-06-30 00:00:00
Facility Name:	SFO HOTEL SHUUTLE INC; LOOP TRANSPORTATION INC DBA SFO SHUTTLE BUS CO
Facility Address:	54 TANFORAN AVE
Facility Address 2:	Not reported
Facility City:	S SAN FRAN
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

Name:	LOOP TRANSPORTATION
Address:	54 TANFORAN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000434087
Inactive Date:	06/30/2019
Create Date:	03/08/2018
Last Act Date:	09/17/2020
Mailing Name:	Not reported
Mailing Address:	54 TANFORAN AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	S SAN FRAN, CA 940800000
Owner Name:	SFO HOTEL SHUTTLE; LOOP TRANS INC
Owner Address:	325 FIFTH ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941070000
Contact Name:	ABDUL KHAN
Contact Address:	54 TANFORAN AVE
Contact Address 2:	Not reported
City,State,Zip:	S SAN FRANCISCO, CA 94080

SFO HOTEL SHUUTLE INC; LOOP TRANSPORTATION INC DBA SFO SHUTT (Continued) **S113757896**

NAICS:

EPA ID:	CAL000434087
Create Date:	2018-03-08 11:28:13.710
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2018-03-08 11:28:13.69300
Inactive Date:	2019-06-30 00:00:00
Facility Name:	LOOP TRANSPORTATION
Facility Address:	54 TANFORAN AVE
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

BB482 **SOUTH SAN FRANCISCO PLANT** **LUST** **U001594836**
SE **515 S AIRPORT BLVD** **HIST UST** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.306 mi.
1616 ft. **Site 1 of 4 in cluster BB**

Relative:
Lower

Actual:
18 ft.

SAN MATEO CO. LUST:

Name:	SHELL
Address:	515 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550171
Facility Status:	9- Case Closed
Global ID:	T0608117395
APN Number:	012177030
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HIST UST:

Name:	SOUTH SAN FRANCISCO PLANT
Address:	515 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000020117
Facility Type:	Other
Other Type:	DISTRIBUTION PLANT
Contact Name:	MAX W. TOWERS
Telephone:	4157611424
Owner Name:	SHELL OIL COMPANY
Owner Address:	ONE SHELL PLAZA
Owner City,St,Zip:	HOUSTON, TX 77001
Total Tanks:	0006
Tank Num:	001
Container Num:	001
Year Installed:	Not reported
Tank Capacity:	00011200
Tank Used for:	PRODUCT
Type of Fuel:	Not reported

SOUTH SAN FRANCISCO PLANT (Continued) **U001594836**

Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	002
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	003
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	004
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	005
Container Num:	005
Year Installed:	1979
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	006
Container Num:	006
Year Installed:	Not reported
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

BB483 **SHELL** **LUST** **S102437187**
SE **515 SOUTH AIRPORT BOULEVARD** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.306 mi. **CERS**
1616 ft. **Site 2 of 4 in cluster BB**

Relative:
Lower

Actual:
18 ft.

LUST:

Name:	SHELL
Address:	515 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608117395
Global Id:	T0608117395
Latitude:	37.657068
Longitude:	-122.407099
Status:	Completed - Case Closed
Status Date:	01/26/1995
Case Worker:	JM
RB Case Number:	41-0510
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550171
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608117395
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608117395
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608117395
Action Type:	Other
Date:	09/22/1986
Action:	Leak Discovery

Global Id:	T0608117395
Action Type:	ENFORCEMENT
Date:	01/02/1986
Action:	Notice of Responsibility - #1

Global Id:	T0608117395
Action Type:	Other

SHELL (Continued) **S102437187**

Date: 09/22/1986
Action: Leak Reported

LUST:
Global Id: T0608117395
Status: Open - Case Begin Date
Status Date: 01/02/1986

Global Id: T0608117395
Status: Completed - Case Closed
Status Date: 01/26/1995

CORTESE:
Name: SHELL
Address: 515 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608117395
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: SHELL
edr_fadd1: 515 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0510

CERS:
Name: SHELL
Address: 515 SOUTH AIRPORT BOULEVARD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 249450
CERS ID: T0608117395
CERS Description: Leaking Underground Storage Tank Cleanup Site

SHELL (Continued) **S102437187**

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BB484 **PARK SFO** **LUST** **U001594760**
SE **501 SOUTH AIRPORT BOULEVARD** **HIST UST** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **NPDES**
0.306 mi. **CIWQS**
1617 ft. **Site 3 of 4 in cluster BB** **CERS**

Relative: **Lower**
Actual: **18 ft.**

SAN MATEO CO. LUST:
Name: EMERY AIR FREIGHT
Address: 501 S AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550107
Facility Status: 9- Case Closed
Global ID: T0608100195
APN Number: 015173150
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HIST UST:
Name: EMERY WORLDWIDE
Address: 501 S AIRPORT BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000067107
Facility Type: Other
Other Type: AIR FREIGHT FORWARDE
Contact Name: MR. JAMES L. WEAVER
Telephone: 4158771833
Owner Name: EMERY AIR FREIGHT CORPORATION
Owner Address: OLD DANBURY ROAD
Owner City,St,Zip: WILTON, CT 06897
Total Tanks: 0001

PARK SFO (Continued) **U001594760**

Tank Num:	001
Container Num:	001
Year Installed:	1968
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	4
Container Construction Thickness:	X
Leak Detection:	Stock Inventor

NPDES:

Name:	PARK SFO
Address:	501 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41C380366
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	07/07/2017
Operator Name:	RES Park SFO LLC
Operator Address:	237 Harbor Way
Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	487652
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41C380366
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/07/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	RES Park SFO LLC
Discharge Address:	237 Harbor Way

PARK SFO (Continued) **U001594760**

Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported

PARK SFO (Continued) **U001594760**

Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	487652
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 41C380366
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	06/14/2017
Processed Date:	07/07/2017
Status:	Active
Status Date:	07/07/2017
Place Size:	4.59
Place Size Unit:	Acres
Contact:	David Voorhies
Contact Title:	Principal Engineer
Contact Phone:	408-453-1222
Contact Phone Ext:	Not reported
Contact Email:	dvoorhies@uandr.com
Operator Name:	RES Park SFO LLC
Operator Address:	237 Harbor Way
Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080
Operator Contact:	David Voorhies
Operator Contact Title:	Principal Engineer
Operator Contact Phone:	408-453-1222
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dvoorhies@uandr.com
Operator Type:	Private Business
Developer:	RES Park SFO LLC
Developer Address:	237 Harbor Way
Developer City:	South San Francisco
Developer State:	California
Developer Zip:	94080
Developer Contact:	David Voorhies
Developer Contact Title:	Principal Engineer
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N

PARK SFO (Continued) **U001594760**

Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	San Francisco Bay
Certifier:	Robert Simms
Certifier Title:	owner
Certification Date:	14-JUN-17
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	PARK SFO
Address:	501 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Active
NPDES Number:	CAS000002
Region:	2
Agency Number:	0
Regulatory Measure ID:	487652
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	2 41C380366
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/07/2017
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	237 Harbor Way
Discharge Name:	RES Park SFO LLC
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	2

PARK SFO (Continued) **U001594760**

Regulatory Measure ID:	487652
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41C380366
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/07/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	RES Park SFO LLC
Discharge Address:	237 Harbor Way
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported

PARK SFO (Continued) **U001594760**

Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	487652
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 41C380366
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	06/14/2017
Processed Date:	07/07/2017
Status:	Active
Status Date:	07/07/2017
Place Size:	4.59
Place Size Unit:	Acres
Contact:	David Voorhies
Contact Title:	Principal Engineer
Contact Phone:	408-453-1222
Contact Phone Ext:	Not reported
Contact Email:	dvoorhies@uandr.com
Operator Name:	RES Park SFO LLC
Operator Address:	237 Harbor Way
Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080
Operator Contact:	David Voorhies
Operator Contact Title:	Principal Engineer
Operator Contact Phone:	408-453-1222
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dvoorhies@uandr.com
Operator Type:	Private Business
Developer:	RES Park SFO LLC

PARK SFO (Continued) **U001594760**

Developer Address:	237 Harbor Way
Developer City:	South San Francisco
Developer State:	California
Developer Zip:	94080
Developer Contact:	David Voorhies
Developer Contact Title:	Principal Engineer
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	San Francisco Bay
Certifier:	Robert Simms
Certifier Title:	owner
Certification Date:	14-JUN-17
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	EMERY WORLDWIDE
Address:	501 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41I006236
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported

PARK SFO (Continued) **U001594760**

Status:	Terminated
Status Date:	04/22/1992
Operator Name:	Consolidated Freightways
Operator Address:	PO Box 871510
Operator City:	Vancouver
Operator State:	Washington
Operator Zip:	98687

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	275434
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I006236
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/22/1992
Status:	Terminated
Status Date:	04/22/1992
Place Size:	3
Place Size Unit:	Acres
Contact:	Michael Howard
Contact Title:	Not reported
Contact Phone:	415-873-7170
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Consolidated Freightways
Operator Address:	PO Box 871510
Operator City:	Vancouver
Operator State:	Washington
Operator Zip:	98687
Operator Contact:	Darlene Barnes
Operator Contact Title:	Not reported
Operator Contact Phone:	360-448-4276
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Washington
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported

PARK SFO (Continued) **U001594760**

Emergency Phone:	415-873-7170
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	San Francisco Bay
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	4513-Air Courier Services
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	PARK SFO
Address:	501 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Agency:	RES Park SFO LLC
Agency Address:	237 Harbor Way, South San Francisco, CA 94080
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 41C380366
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/07/2017
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.38229
Longitude:	-122.24026

Name:	EMERY WORLDWIDE

PARK SFO (Continued) **U001594760**

Address:	501 S AIRPORT BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Agency:	Consolidated Freightways
Agency Address:	PO Box 871510, Vancouver, WA 98687
Place/Project Type:	Industrial - Air Courier Services
SIC/NAICS:	4513
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I006236
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/22/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.63984
Longitude:	-122.40155

CERS:

Name:	PARK SFO
Address:	501 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	539067
CERS ID:	856277
CERS Description:	Construction Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	RES Park SFO LLC
Entity Title:	Operator
Affiliation Address:	237 Harbor Way
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

BB485 **EMERY AIR FREIGHT** **LUST** **S101303260**
SE **501 AIRPORT** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.306 mi. **HIST CORTESE**
1617 ft. **Site 4 of 4 in cluster BB** **CERS**

Relative: **Lower**

Actual: **18 ft.**

LUST:

Name:	EMERY AIR FREIGHT
Address:	501 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site

EMERY AIR FREIGHT (Continued) **S101303260**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100195
Global Id:	T0608100195
Latitude:	37.639828
Longitude:	-122.400491
Status:	Completed - Case Closed
Status Date:	08/22/1996
Case Worker:	JM
RB Case Number:	41-0205
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550107
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0608100195
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100195
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100195
Action Type:	Other
Date:	12/04/1985
Action:	Leak Discovery

Global Id:	T0608100195
Action Type:	ENFORCEMENT
Date:	10/27/1992
Action:	Notice of Responsibility - #1

Global Id:	T0608100195
Action Type:	Other
Date:	11/08/1985
Action:	Leak Reported

LUST:

Global Id:	T0608100195
Status:	Open - Case Begin Date
Status Date:	11/08/1985

Global Id:	T0608100195
Status:	Completed - Case Closed

EMERY AIR FREIGHT (Continued) **S101303260**

Status Date: 08/22/1996

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550107
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: MIKES MOBILE TRUCK SERVICE
Address: 501 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0037634
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0054408
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: MIKES MOBILE TRUCK SERVICE
Address: 501 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0037634
Prog Element Code: BUSINESS PLAN - GENERAL
Record Id: PR0066711
Description: BUSINESS PLAN - GENERAL
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: HOUSE OF COLOR
Address: 501 AIRPORT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0029197
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0049487
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: EMERY AIR FREIGHT

EMERY AIR FREIGHT (Continued) **S101303260**

Address:	501 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100195
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	EMERY AIR FREIGHT
edr_fadd1:	501 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0205

CERS:

Name:	EMERY AIR FREIGHT
Address:	501 SOUTH AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	243724
CERS ID:	T0608100195
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND

EMERY AIR FREIGHT (Continued) **S101303260**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

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486 **BARBER-GREENE CO.** **LUST** **S107449700**
NW **320 VICTORY AVENUE** **CHMIRS** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.307 mi. **Cortese**
1619 ft. **CERS**

Relative:
Higher

Actual:
27 ft.

SAN MATEO CO. LUST:
Name: BARBER-GREENE CO.
Address: 320 VICTORY ST
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550169
Facility Status: 9- Case Closed
Global ID: T0608165551
APN Number: Not reported
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: BARBER-GREENE CO.
Address: 320 VICTORY AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608165551
Global Id: T0608165551
Latitude: 37.647392394862
Longitude: -122.414262592793
Status: Completed - Case Closed
Status Date: 09/27/2001
Case Worker: JM
RB Case Number: 41-0058
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550169
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608165551
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608165551
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN

BARBER-GREENE CO. (Continued) **S107449700**

Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608165551
Action Type: Other
Date: 11/24/1987
Action: Leak Discovery

Global Id: T0608165551
Action Type: ENFORCEMENT
Date: 11/24/1987
Action: Notice of Responsibility - #1

Global Id: T0608165551
Action Type: Other
Date: 11/24/1987
Action: Leak Reported

LUST:
Global Id: T0608165551
Status: Open - Case Begin Date
Status Date: 11/24/1987

Global Id: T0608165551
Status: Completed - Case Closed
Status Date: 09/27/2001

CHMIRS:
Name: Not reported
Address: 320 VICTORY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
OES Incident Number: 4-6815
OES notification: 12/27/2004
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported

BARBER-GREENE CO. (Continued) **S107449700**

Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Storm Drain
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2004
Agency:	City of So. San Francisco
Incident Date:	12/27/200412:00:00 AM
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Sewage
Gallons:	120,000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Release due to combination of failure of pump station and inflow infiltration.

San Mateo Co. BI:

Name:	CARLIN CO
Address:	320 VICTORY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027712
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0044738
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT

BARBER-GREENE CO. (Continued) **S107449700**

Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CARLIN CO
Address: 320 VICTORY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027712
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0044739
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: CENTRAL ROOFING, INC
Address: 320 VICTORY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028358
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0046988
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CENTRAL ROOFING, INC
Address: 320 VICTORY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028358
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0046989
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: BARBER-GREENE CO.
Address: 320 VICTORY AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608165551
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported

BARBER-GREENE CO. (Continued) **S107449700**

WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: BARBER-GREENE CO.
Address: 320 VICTORY AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 242015
CERS ID: T0608165551
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BA487 **EFL TRANSPORTATION** **LUST** **S102269847**
SW **50 TANFORAN** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **HIST UST**
0.321 mi. **San Mateo Co. BI**
1694 ft. **Site 2 of 2 in cluster BA** **Cortese**
HIST CORTESE
Relative: Higher **CERS**

Actual: 26 ft.

SAN MATEO CO. LUST:
Name: EFL TRANSPORTATION
Address: 50 TANFORAN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550133
Facility Status: 9- Case Closed
Global ID: T0608100760
APN Number: 014250080
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: EFL TRANSPORTATION

EFL TRANSPORTATION (Continued) **S102269847**

Address:	50 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100760
Global Id:	T0608100760
Latitude:	37.640588
Longitude:	-122.41512
Status:	Completed - Case Closed
Status Date:	12/03/1996
Case Worker:	JM
RB Case Number:	41-0806
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550133
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0608100760
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100760
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100760
Action Type:	ENFORCEMENT
Date:	08/15/1994
Action:	Notice of Responsibility - #1

Global Id:	T0608100760
Action Type:	Other
Date:	05/02/1994
Action:	Leak Reported

Global Id:	T0608100760
Action Type:	REMEDIATION
Date:	02/14/1995
Action:	Excavation

Global Id:	T0608100760
Action Type:	REMEDIATION
Date:	02/14/1995

EFL TRANSPORTATION (Continued) **S102269847**

Action: Pump & Treat (P&T) Groundwater

LUST:
Global Id: T0608100760
Status: Open - Case Begin Date
Status Date: 05/02/1994

Global Id: T0608100760
Status: Completed - Case Closed
Status Date: 12/03/1996

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550133
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: EFL TRANSPORTATION INC
Address: 50 TANFORAN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550189
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550189-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 1

HIST UST:
Name: DUKKEE DRAYAGE CO INC
Address: 50 TANFORAN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BE3F

EFL TRANSPORTATION (Continued) **S102269847**

URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BE3F.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

San Mateo Co. BI:

Name:	EFL TRANSPORTATION
Address:	50 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0012141
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0004419
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	EFL TRANSPORTATION
Address:	50 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0012141
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0023725
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	EFL TRANSPORTATION
Address:	50 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0012141
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022685
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

EFL TRANSPORTATION (Continued) **S102269847**

CORTESE:

Name:	EFL TRANSPORTATION
Address:	50 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100760
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	EFL TRANSPORTATION
edr_fadd1:	50 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0806

CERS:

Name:	EFL TRANSPORTATION
Address:	50 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	247301
CERS ID:	T0608100760
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP

EFL TRANSPORTATION (Continued) **S102269847**

Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BC488 **LA MARK TRANSPORTATION** **LUST** **S101303284**
NNW **26 LINDEN** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **San Mateo Co. Bl**
0.332 mi. **Cortese**
1753 ft. **Site 1 of 5 in cluster BC** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
24 ft.

LUST:
Name: LA MARK TRANSPORTATION
Address: 26 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100300
Global Id: T0608100300
Latitude: 37.650709
Longitude: -122.412215
Status: Completed - Case Closed
Status Date: 01/02/2003
Case Worker: JM
RB Case Number: 41-0315
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550086
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100300
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100300
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100300

LA MARK TRANSPORTATION (Continued) **S101303284**

Action Type: Other
Date: 07/03/1992
Action: Leak Discovery

Global Id: T0608100300
Action Type: ENFORCEMENT
Date: 01/02/2003
Action: Closure/No Further Action Letter - #20030102

Global Id: T0608100300
Action Type: ENFORCEMENT
Date: 08/29/1991
Action: Notice of Responsibility - #1

Global Id: T0608100300
Action Type: Other
Date: 07/09/1991
Action: Leak Reported

LUST:
Global Id: T0608100300
Status: Open - Case Begin Date
Status Date: 07/09/1991

Global Id: T0608100300
Status: Completed - Case Closed
Status Date: 01/02/2003

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550086
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: BERMAN PROPERTY
Address: 26 S LINDEN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550183
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported

LA MARK TRANSPORTATION (Continued) **S101303284**

Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550183-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 2

Name: BERMAN PROPERTY
Address: 26 S LINDEN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550183
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550183-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

San Mateo Co. BI:
Name: LAMARK TRANSPORT
Address: 26 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0009742
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0027201
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: LAMARK TRANSPORT
Address: 26 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0009742
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0027202
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: LAMARK TRANSPORT
Address: 26 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

LA MARK TRANSPORTATION (Continued) **S101303284**

Region: SAN MATEO
Facility ID: FA0011101
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022681
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: ZARC RECYCLING
Address: 26 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045185
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0058216
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: ZARC RECYCLING
Address: 26 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045185
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0072488
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ZARC RECYCLING
Address: 26 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045185
Prog Element Code: 3091
Record Id: PR0083192
Description: STORMWATER ANNUAL INSPECTION FEE
Facility Status: Inactive, non-billable
Program Category: STORMWATER

CORTESE:
Name: LA MARK TRANSPORTATION
Address: 26 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100300
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported

LA MARK TRANSPORTATION (Continued) **S101303284**

Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	LA MARK TRANSPORTATION
edr_fadd1:	26 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0315

CERS:

Name:	LA MARK TRANSPORTATION
Address:	26 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	229531
CERS ID:	T0608100300
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BC489 **ZARC RECYCLING** **LUST** **S109348895**
NNW **26 SOUTH LINDEN AVE** **SWRCY** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HAZNET**
0.332 mi. **NPDES**
1753 ft. **Site 2 of 5 in cluster BC** **CIWQS**
CERS
Relative: **HWTS**
Higher

Actual: **24 ft.**

SAN MATEO CO. LUST:

Name:	LA MARK TRANSPORTATION
Address:	26 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550086
Facility Status:	9- Case Closed
Global ID:	T0608100300
APN Number:	014072040
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

SWRCY:

Name:	ZARC INTERNATIONAL LLC
Address:	26 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Reg Id:	31887
Cert Id:	RC14202
Mailing Address:	26 S Linden Ave
Mailing City:	South San Francisco
Mailing State:	CA
Mailing Zip Code:	94080
Website:	Not reported
Email:	zarc@zarcnet.com
Phone Number:	(415) 215-8059
Rural:	N
Operation Begin Date:	02/18/2009
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Sat 8:00 am - 3:30 pm; Sun Closed
Organization ID:	31887
Organization Name:	ZARC International LLC

HAZNET:

Name:	ZARC RECYCLING LLC
Address:	26 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806408
Contact:	RANDY LY
Telephone:	4152158059
Mailing Name:	Not reported
Mailing Address:	26 S LINDEN AVE
Year:	2019
Gepaid:	CAL000368913
TSD EPA ID:	CAD980675276
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As

ZARC RECYCLING (Continued) **S109348895**

Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.37500

Year: 2018
Gepaid: CAL000368913
TSD EPA ID: NED981723513
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 3.60000

Year: 2018
Gepaid: CAL000368913
TSD EPA ID: CAD980675276
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.30000

Year: 2018
Gepaid: CAL000368913
TSD EPA ID: CAD059494310
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.60000

Year: 2017
Gepaid: CAL000368913
TSD EPA ID: CAT080012602
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.565

Year: 2016
Gepaid: CAL000368913
TSD EPA ID: CAT080012602
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.93825

Additional Info:
Year: 2017
Gen EPA ID: CAL000368913

Shipment Date: 20171031
Creation Date: 6/13/2018 18:30:46
Receipt Date: 20171031
Manifest ID: 016710790JJK
Trans EPA ID: CAR000171017
Trans Name: FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080012602
Trans Name: DK DIXON

ZARC RECYCLING (Continued) **S109348895**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.565
Waste Quantity:	675
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NPDES:

Name:	ZARC RECYCLING
Address:	26 SOUTH LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	448474
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 41I024986
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/04/2014
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	26 South Linden Ave
Discharge Name:	Zarc Recycling
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	448474
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I024986
Program Type:	Not reported

ZARC RECYCLING (Continued) **S109348895**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/04/2014
Processed Date:	08/04/2014
Status:	Active
Status Date:	01/05/2016
Place Size:	20000
Place Size Unit:	SqFt
Contact:	Randy Ly
Contact Title:	Managing Member
Contact Phone:	415-215-8059
Contact Phone Ext:	Not reported
Contact Email:	rly4444@gmail.com
Operator Name:	Zarc Recycling
Operator Address:	26 South Linden Ave
Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080
Operator Contact:	Randy Ly
Operator Contact Title:	Managing Member
Operator Contact Phone:	415-215-8059
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rly4444@gmail.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported

ZARC RECYCLING (Continued) **S109348895**

Dir Discharge Uswater Ind:	N
Receiving Water Name:	Colma Creek
Certifier:	Randy Ly
Certifier Title:	Managing Member
Certification Date:	25-JUN-15
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	448474
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I024986
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/04/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Zarc Recycling
Discharge Address:	26 South Linden Ave
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported

ZARC RECYCLING (Continued) **S109348895**

Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	ZARC RECYCLING
Address:	26 SOUTH LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41I024986
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	01/05/2016
Operator Name:	Zarc Recycling
Operator Address:	26 South Linden Ave
Operator City:	South San Francisco
Operator State:	California

ZARC RECYCLING (Continued) **S109348895**

Operator Zip:	94080
NPDES as of 03/2018:	
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	448474
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I024986
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/04/2014
Processed Date:	08/04/2014
Status:	Active
Status Date:	01/05/2016
Place Size:	20000
Place Size Unit:	SqFt
Contact:	Randy Ly
Contact Title:	Managing Member
Contact Phone:	415-215-8059
Contact Phone Ext:	Not reported
Contact Email:	rly4444@gmail.com
Operator Name:	Zarc Recycling
Operator Address:	26 South Linden Ave
Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080
Operator Contact:	Randy Ly
Operator Contact Title:	Managing Member
Operator Contact Phone:	415-215-8059
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rly4444@gmail.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported

ZARC RECYCLING (Continued) **S109348895**

Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Colma Creek
Certifier:	Randy Ly
Certifier Title:	Managing Member
Certification Date:	25-JUN-15
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	448474
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I024986
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/04/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Zarc Recycling
Discharge Address:	26 South Linden Ave
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported

ZARC RECYCLING (Continued) **S109348895**

Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	ZARC RECYCLING
Address:	26 SOUTH LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Agency:	Zarc Recycling
Agency Address:	26 South Linden Ave, South San Francisco, CA 94080
Place/Project Type:	Industrial - Scrap and Waste Materials
SIC/NAICS:	5093
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I024986
NPDES Number:	CAS000001
Adoption Date:	Not reported

ZARC RECYCLING (Continued) **S109348895**

Effective Date:	08/04/2014
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	2
Latitude:	37.6507
Longitude:	-122.41221

CERS:

Name:	ZARC RECYCLING
Address:	26 SOUTH LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	547184
CERS ID:	830805
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	547184
Site Name:	Zarc Recycling
Violation Date:	08-15-2015
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Failure to Obtain Permit
Violation Notes:	Failure to recertify permit coverage under IGP 2014-0057-DWQ
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS,

Site ID:	547184
Site Name:	Zarc Recycling
Violation Date:	07-15-2020
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	Late annual report
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS,

Enforcement Action:

Site ID:	547184
Site Name:	Zarc Recycling
Site Address:	26 SOUTH LINDEN AVE
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	12-11-2015
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers
Enf Action Notes:	Failure to recertify permit coverage under IGP 2014-0057-DWQ. SECOND NOTICE. Swppp And Facility Map Not Uploaded
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Site ID:	547184

ZARC RECYCLING (Continued) **S109348895**

Site Name:	Zarc Recycling
Site Address:	26 SOUTH LINDEN AVE
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	07-21-2020
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	1st NNC
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Site ID:	547184
Site Name:	Zarc Recycling
Site Address:	26 SOUTH LINDEN AVE
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	10-30-2015
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers
Enf Action Notes:	Failure to recertify permit coverage under IGP 2014-0057-DWQ. Swppp And Facility Map Not Uploaded
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Zarc Recycling
Entity Title:	Operator
Affiliation Address:	26 South Linden Ave
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

HWTS:

Name:	ZARC RECYCLING LLC
Address:	26 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806408
EPA ID:	CAL000368913
Inactive Date:	Not reported
Create Date:	11/14/2011
Last Act Date:	10/07/2020
Mailing Name:	Not reported
Mailing Address:	26 S LINDEN AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806408
Owner Name:	RANDY LY
Owner Address:	425 HIGATE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	DALY CITY, CA 940150000
Contact Name:	RANDY LY

ZARC RECYCLING (Continued) **S109348895**

Contact Address: 26 S LINDEN AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

NAICS:
EPA ID: CAL000368913
Create Date: 2011-11-14 15:57:43.437
NAICS Code: 42193
NAICS Description: Recyclable Material Wholesalers
Issued EPA ID Date: 2011-11-14 15:57:43.40700
Inactive Date: Not reported
Facility Name: ZARC RECYCLING LLC
Facility Address: 26 S LINDEN AVE
Facility Address 2: Not reported
Facility City: SOUTH SAN FRANCISCO
Facility County: Not reported
Facility State: CA
Facility Zip: 940806408

BD490 **AUTO SERVICE PROPERTY** **LUST** **S103946612**
SSW **1080 SAN MATEO** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94401** **HIST CORTESE**
0.335 mi. **CERS**
1767 ft. **Site 1 of 4 in cluster BD**

Relative:
Lower

Actual:
20 ft.

SAN MATEO CO. LUST:
Name: AUTO SERVICE PROPERTY
Address: 1080 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 559013
Facility Status: 9- Case Closed
Global ID: T0608165213
APN Number: Not reported
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: AUTO SERVICE PROPERTY
Address: 1080 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608165213
Global Id: T0608165213
Latitude: 37.6373103547452
Longitude: -122.410869598389
Status: Completed - Case Closed
Status Date: 10/05/1998
Case Worker: JM
RB Case Number: Not reported
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 559013
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
Site History: Not reported

AUTO SERVICE PROPERTY (Continued) **S103946612**

LUST:
Global Id: T0608165213
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608165213
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608165213
Action Type: Other
Date: 04/07/1997
Action: Leak Reported

LUST:
Global Id: T0608165213
Status: Open - Case Begin Date
Status Date: 04/07/1997

Global Id: T0608165213
Status: Completed - Case Closed
Status Date: 10/05/1998

CORTESE:
Name: AUTO SERVICE PROPERTY
Address: 1080 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608165213
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported

AUTO SERVICE PROPERTY (Continued) **S103946612**

Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: AUTO SERVICE PROPERTY
edr_fadd1: 1080 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94401
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1146

CERS:
Name: AUTO SERVICE PROPERTY
Address: 1080 SAN MATEO AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 202795
CERS ID: T0608165213
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

491
ESE
1/4-1/2
0.340 mi.
1794 ft.

WATER QUALITY CONTROL PLANT **HIST UST** **S105670267**
195 BELLE AIR RD **CHMIRS** **N/A**
SOUTH SAN FRANCISCO, CA 94080 **Cortese**

Relative:
Higher

Actual:
21 ft.

HIST UST:
Name: WATER QUALITY CONTROL PLANT
Address: 195 BELLE AIR RD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BD83
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BD83.pdf

WATER QUALITY CONTROL PLANT (Continued) **S105670267**

Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CHMIRS:

Name:	Not reported
Address:	195 BELLE AIR DR.
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
OES Incident Number:	1-6952
OES notification:	12/01/2001
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Colma Creek

WATER QUALITY CONTROL PLANT (Continued) **S105670267**

Spill Site:	Not reported
Cleanup By:	N/A
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	City of South San Francisco
Incident Date:	12/1/200112:00:00 AM
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	No
Site Type:	Treatment/Sewage Facility
E Date:	Not reported
Substance:	Treated Effluent;;;
Unknown:	Unknown
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	The spill is ongoing, approximately 10,000 gallons has spilled so far. The release occurred to storm water entering the treatment plant.

CORTESE:

Name:	SOUTH SAN FRANCISCO-SAN BRUNO WQCP
Address:	195 BELLE AIR ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	R2-2003-0010
Waste Discharge System No:	Not reported
Effective Date:	04/01/2003

WATER QUALITY CONTROL PLANT (Continued) **S105670267**

Region 2:	2
WID Id:	2 417038001
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders
Name:	SOUTH SAN FRANCISCO-SAN BRUNO WQCP
Address:	195 BELLE AIR ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	R2-2003-0010
Waste Discharge System No:	Not reported
Effective Date:	04/01/2003
Region 2:	2
WID Id:	2 417038001
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

BE492 **BAY BRIDGE HARDWARE SUPPLY** **LUST** **S104494261**
NE **151 MITCHELL** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.341 mi.
1801 ft. **Site 1 of 2 in cluster BE**

Relative:
Lower

Actual:
18 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550108
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SWEEPS UST:

Name:	BAY BRIDGE HARDWARE
Address:	151 MITCHELL AVE

BAY BRIDGE HARDWARE SUPPLY (Continued) **S104494261**

City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550192
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550192-000001
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	Not reported
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	4

Name:	BAY BRIDGE HARDWARE
Address:	151 MITCHELL AVE
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550192
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550192-000002
Tank Status:	Not reported
Capacity:	750
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	BAY BRIDGE HARDWARE
Address:	151 MITCHELL AVE
City:	S SAN FRANCISCO
Status:	Not reported
Comp Number:	550192
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-550192-000003
Tank Status:	Not reported
Capacity:	350
Active Date:	Not reported
Tank Use:	Not reported
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

BAY BRIDGE HARDWARE SUPPLY (Continued) **S104494261**

Name: BAY BRIDGE HARDWARE
Address: 151 MITCHELL AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550192
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550192-000004
Tank Status: Not reported
Capacity: 250
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

San Mateo Co. BI:

Name: BAY BRIDGE HARDWARE SUPPLY INC
Address: 151 MITCHELL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0012721
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022687
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: GODAR & HOSSENLOPP
Address: 151 MITCHELL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0014925
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011761
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PENTAGON LIGHT
Address: 151 MITCHELL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0039035
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0055299
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ESSENCE PRINTING
Address: 151 MITCHELL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

BAY BRIDGE HARDWARE SUPPLY (Continued) **S104494261**

Region:	SAN MATEO
Facility ID:	FA0028091
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0046223
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	ESSENCE PRINTING
Address:	151 MITCHELL
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0028091
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0046224
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

BE493 **BAY BRIDGE HARDWARE SUPPLY** **LUST** **1000729935**
NE **151 MITCHELL AVENUE** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.341 mi. **CERS**
1801 ft. **Site 2 of 2 in cluster BE**

Relative: **Lower**
Actual: **18 ft.**

SAN MATEO CO. LUST:

Name:	BAY BRIDGE HARDWARE SUPPLY
Address:	151 MITCHELL AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550108
Facility Status:	9- Case Closed
Global ID:	T0608100650
APN Number:	015123410
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	BAY BRIDGE HARDWARE SUPPLY
Address:	151 MITCHELL AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100650
Global Id:	T0608100650
Latitude:	37.6492
Longitude:	-122.403355
Status:	Completed - Case Closed
Status Date:	06/06/1995
Case Worker:	JM
RB Case Number:	41-0684
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550108
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BAY BRIDGE HARDWARE SUPPLY (Continued) **1000729935**

LUST:
Global Id: T0608100650
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100650
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100650
Action Type: Other
Date: 01/19/1993
Action: Leak Discovery

Global Id: T0608100650
Action Type: ENFORCEMENT
Date: 01/12/1993
Action: Notice of Responsibility - #1

Global Id: T0608100650
Action Type: Other
Date: 11/18/1992
Action: Leak Reported

Global Id: T0608100650
Action Type: REMEDIATION
Date: 02/23/1993
Action: Excavation

Global Id: T0608100650
Action Type: REMEDIATION
Date: 02/23/1993
Action: Free Product Removal

Global Id: T0608100650
Action Type: REMEDIATION
Date: 02/23/1993
Action: Pump & Treat (P&T) Groundwater

LUST:
Global Id: T0608100650
Status: Open - Case Begin Date
Status Date: 11/18/1992

Global Id: T0608100650

BAY BRIDGE HARDWARE SUPPLY (Continued) **1000729935**

Status: Completed - Case Closed
Status Date: 06/06/1995

CORTESE:
Name: BAY BRIDGE HARDWARE SUPPLY
Address: 151 MITCHELL AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100650
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: BAY BRIDGE HARDWARE SUPPL
edr_fadd1: 151 MITCHELL
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0684

CERS:
Name: BAY BRIDGE HARDWARE SUPPLY
Address: 151 MITCHELL AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 214522
CERS ID: T0608100650
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported

BAY BRIDGE HARDWARE SUPPLY (Continued) **1000729935**

Affiliation Phone:	6503995959,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

BD494 **CYCLE SHACK,INC** **ENVIROSTOR** **1000279463**
SSW **1104 SAN MATEO** **LUST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **SWEEPS UST**
0.344 mi. **HIST UST**
1815 ft. **Site 2 of 4 in cluster BD** **CA FID UST**
Cortese
Relative: **HIST CORTESE**
Lower **CERS**

Actual:
20 ft.

ENVIROSTOR:

Name:	CYCLE SHACK, INC.
Address:	1104 SAN MATEO AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	71002485
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.63732
Longitude:	-122.4108
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD058402173
Alias Type:	EPA Identification Number
Alias Name:	110021006294
Alias Type:	EPA (FRS #)
Alias Name:	71002485
Alias Type:	Envirostor ID Number

CYCLE SHACK,INC (Continued) **1000279463**

Completed Info:
- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: Correspondence
- Completed Date: 06/14/2019
- Comments: information received from J Madden, SM County

- Future Area Name: Not reported
- Future Sub Area Name: Not reported
- Future Document Type: Not reported
- Future Due Date: Not reported
- Schedule Area Name: Not reported
- Schedule Sub Area Name: Not reported
- Schedule Document Type: Not reported
- Schedule Due Date: Not reported
- Schedule Revised Date: Not reported

SAN MATEO CO. LUST:
- Name: CYCLE SHACK,INC
- Address: 1104 SAN MATEO AVE
- City,State,Zip: SOUTH SAN FRANCISCO, CA
- Region: SAN MATEO
- Facility ID: 550123
- Facility Status: 9- Case Closed
- Global ID: T0608100727
- APN Number: Not reported
- Case Type: SOUTH SAN FRANCISCO, CA
- EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
- Name: CYCLE SHACK,INC
- Address: 1104 SAN MATEO
- City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Lead Agency: SAN MATEO COUNTY LOP
- Case Type: LUST Cleanup Site
- Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100727
- Global Id: T0608100727
- Latitude: 37.6374266
- Longitude: -122.411478
- Status: Completed - Case Closed
- Status Date: 11/13/2000
- Case Worker: JM
- RB Case Number: 41-0768
- Local Agency: SAN MATEO COUNTY LOP
- File Location: Local Agency
- Local Case Number: 550123
- Potential Media Affect: Other Groundwater (uses other than drinking water)
- Potential Contaminants of Concern: Gasoline
- Site History: Not reported

LUST:
- Global Id: T0608100727
- Contact Type: Regional Board Caseworker
- Contact Name: Regional Water Board
- Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
- Address: 1515 CLAY ST SUITE 1400

CYCLE SHACK,INC (Continued) **1000279463**

City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100727
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100727
Action Type: Other
Date: 06/11/1994
Action: Leak Discovery

Global Id: T0608100727
Action Type: ENFORCEMENT
Date: 10/12/1994
Action: Notice of Responsibility - #1

Global Id: T0608100727
Action Type: Other
Date: 06/11/1993
Action: Leak Reported

Global Id: T0608100727
Action Type: REMEDIATION
Date: 10/20/1993
Action: Excavation

Global Id: T0608100727
Action Type: REMEDIATION
Date: 10/20/1993
Action: Excavation

LUST:
Global Id: T0608100727
Status: Open - Case Begin Date
Status Date: 06/11/1993

Global Id: T0608100727
Status: Completed - Case Closed
Status Date: 11/13/2000

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550123
How Discovered: OM
Leak Cause: Unknown

CYCLE SHACK,INC (Continued) **1000279463**

Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: CYCLE SHACK INC
Address: 1104 SAN MATEO AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550059
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550059-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

HIST UST:
Name: CYCLE SHACK INC
Address: 1100 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BC61
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BC61.pdf
Region: STATE
Facility ID: 00000009926
Facility Type: Other
Other Type: LIGHT MANUFACTURING
Contact Name: BUZZ DYER
Telephone: 4155837014
Owner Name: C&S PROPERTIES
Owner Address: 1104 SAN MATEO AVE.
Owner City,St,Zip: SO. SAN FRANCISCO, CA 94080
Total Tanks: 0001

Tank Num: 001
Container Num: #1
Year Installed: 1978
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 12
Leak Detection: None

CYCLE SHACK,INC (Continued) **1000279463**

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	41000034
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4155837014
Mail To:	Not reported
Mailing Address:	1104 SAN MATEO AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SO. SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CORTESE:

Name:	CYCLE SHACK,INC
Address:	1104 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100727
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CYCLE SHACK INC
edr_fadd1:	1104 SAN MATEO
City,State,Zip:	SAN MATEO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0768

CYCLE SHACK,INC (Continued) **1000279463**

CERS:
- Name: CYCLE SHACK,INC
- Address: 1104 SAN MATEO
- City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Site ID: 226352
- CERS ID: T0608100727
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
- Entity Title: Not reported
- Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
- Affiliation City: SAN MATEO
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: 6503995959,

- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

BF495 **MERRY X RAY CHEMICAL CORP** **RCRA NonGen / NLR** **1000819687**
NW **131 S MAPLE AVE UNIT 1** **HAZNET** **CAD983656844**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HWP**
0.345 mi. **HWTS**
1819 ft. **Site 1 of 7 in cluster BF**

Relative: Higher
Actual: 22 ft.

RCRA NonGen / NLR:
- Date Form Received by Agency: 19930106
- Handler Name: MERRY X RAY CHEMICAL CORP
- Handler Address: 131 S MAPLE AVE UNIT 1
- Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- EPA ID: CAD983656844
- Contact Name: JON NETTLETON
- Contact Address: 131 S MAPLE AVE UNIT 1
- Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Contact Telephone: 415-742-6630
- Contact Fax: Not reported
- Contact Email: Not reported
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Private
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Mailing Address:	S MAPLE AVE UNIT 1
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	PEDRICK PROPERTIES
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: PEDRICK PROPERTIES
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 1111
Owner/Operator City,State,Zip: HALF MOON BAY, CA 94019
Owner/Operator Telephone: 415-726-0160
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19930106
Handler Name: MERRY X RAY CHEMICAL CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HAZNET:
Name: MERRY X-RAY CHEMICAL CORPORATION
Address: 131 S MAPLE AVE STE 1
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 440600000
Contact: FRANK KRASHOC
Telephone: 4407011451
Mailing Name: Not reported
Mailing Address: 8020 TYLER BLVD

Year: 2018

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Gepaid:	CAL000051065
TSD EPA ID:	CAD980675276
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.33600
Year:	2014
Gepaid:	CAL000051065
TSD EPA ID:	CAD981402522
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	1.6263
Year:	2010
Gepaid:	CAL000051065
TSD EPA ID:	CAL000051065
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.1251
Year:	2008
Gepaid:	CAL000051065
TSD EPA ID:	CAD028409019
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.266
Year:	2008
Gepaid:	CAL000051065
TSD EPA ID:	CAD981402522
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	26.6046
Year:	2007
Gepaid:	CAL000051065
TSD EPA ID:	CAD981402522
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	46.7874
Year:	2006
Gepaid:	CAL000051065
TSD EPA ID:	CAL000051065
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	R01 - Recycler
Tons:	Not reported
Year:	2006
Gepaid:	CAL000051065
TSD EPA ID:	CAD981402522
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	R01 - Recycler
Tons:	27.522
Year:	2006

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Gepaid:	CAL000051065
TSD EPA ID:	CAD981402522
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	25.6872
Year:	2006
Gepaid:	CAL000051065
TSD EPA ID:	CAR000151282
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	R01 - Recycler
Tons:	0.2502

Click this hyperlink while viewing on your computer to access
54 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1994
Gen EPA ID:	CAL000051065
Shipment Date:	19941209
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941209
Manifest ID:	91034003
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941209
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941209
Manifest ID:	91034003
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941209
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941209
Manifest ID:	91034003
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941103
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941104
Manifest ID:	91034002
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941103
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941104
Manifest ID:	91034002
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940928
Creation Date:	10/18/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92166605
Trans EPA ID:	CAL000051065
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940928
Creation Date:	10/18/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92166606
Trans EPA ID:	CAL000051065
Trans Name:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.007
Waste Quantity:	14.1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940928
Creation Date:	10/18/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	91035244
Trans EPA ID:	CAL000051065
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.3627
Waste Quantity:	87
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940928
Creation Date:	10/18/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	91034196
Trans EPA ID:	CAL000051065
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Quantity Tons:	0.025
Waste Quantity:	6
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940928
Creation Date:	10/18/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	91034192
Trans EPA ID:	CAL000051065
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.1834
Waste Quantity:	44
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAL000051065
Shipment Date:	19931208
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931213
Manifest ID:	91034095
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931208
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931213
Manifest ID:	91034095
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931208
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931213
Manifest ID:	91034095
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931103
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931105
Manifest ID:	91034098
Trans EPA ID:	UTD988072401

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0042
Waste Quantity:	8.5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931103
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931105
Manifest ID:	91034098
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931018
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931101
Manifest ID:	92777815
Trans EPA ID:	CAD982049306
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000051065
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931018
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931018
Manifest ID:	93262219
Trans EPA ID:	CAL922955281
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL922955281
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0542
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931014
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931025
Manifest ID:	92777793
Trans EPA ID:	CAD982049306
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000051065
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Shipment Date:	19931014
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931025
Manifest ID:	92777793
Trans EPA ID:	CAD982049306
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000051065
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931014
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931025
Manifest ID:	92777793
Trans EPA ID:	CAD982049306
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000051065
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000051065

Shipment Date:	20141230
Creation Date:	3/27/2015 22:15:11
Receipt Date:	20141231
Manifest ID:	011481634JJK
Trans EPA ID:	CAD982049306

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	MERRY X-RAY
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	COMMODITY RESOURCE & ENVIRONMENTAL
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.6263
Waste Quantity:	390
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAL000051065
Shipment Date:	19971117
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971117
Manifest ID:	96767920
Trans EPA ID:	CAL922955281
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL922955281
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL922955281
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970507
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970512
Manifest ID:	91034089
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.271
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970507
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970512
Manifest ID:	91034089
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0185
Waste Quantity:	37
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970507
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970512
Manifest ID:	91034089
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970425
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970425
Manifest ID:	96881878
Trans EPA ID:	CAL922955281
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL922955281
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0458
Waste Quantity:	11
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970305
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970310
Manifest ID:	91034053
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.6046
Waste Quantity:	145
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970305
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970310
Manifest ID:	91034053

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970204
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19970221
Manifest ID:	96412830
Trans EPA ID:	CAD983582701
Trans Name:	Not reported
Trans 2 EPA ID:	CAD983582701
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D003
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970204
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970207
Manifest ID:	95170798
Trans EPA ID:	CAD983582701
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076548635
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970204
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970207
Manifest ID:	95170798
Trans EPA ID:	CAD983582701
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076548635
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000051065
Shipment Date:	20100910
Creation Date:	10/8/2012 9:18:14
Receipt Date:	20100914
Manifest ID:	005720304JJK
Trans EPA ID:	CAD982049306
Trans Name:	MERRY X-RAY CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	MERRY X-RAY CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000051065
Shipment Date:	19991229
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000105
Manifest ID:	99428596
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.502
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991228
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991228
Manifest ID:	99599171
Trans EPA ID:	CAL000197215
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000197215
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Shipment Date:	19991210
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991210
Manifest ID:	99599173
Trans EPA ID:	CAL000197215
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000197215
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991124
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991124
Manifest ID:	99599149
Trans EPA ID:	CAL000197215
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000197215
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0542
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000051065

Shipment Date:	20051219
Creation Date:	6/22/2006 18:32:03
Receipt Date:	20051219
Manifest ID:	24230251
Trans EPA ID:	CAR000151282

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051214
Creation Date:	3/22/2006 18:31:02
Receipt Date:	20051216
Manifest ID:	24482505
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051208
Creation Date:	3/22/2006 18:30:36
Receipt Date:	20051208
Manifest ID:	24230250
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Meth Code:	R01 - Recycler
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051121
Creation Date:	3/16/2006 18:30:37
Receipt Date:	20051121
Manifest ID:	24230249
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051121
Creation Date:	7/12/2006 18:32:38
Receipt Date:	20051123
Manifest ID:	24704030
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Shipment Date:	20051031
Creation Date:	12/22/2006 18:30:28
Receipt Date:	20051031
Manifest ID:	24230255
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051027
Creation Date:	7/12/2006 18:30:47
Receipt Date:	20051102
Manifest ID:	24701384
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050926
Creation Date:	1/11/2006 18:31:12
Receipt Date:	20050926
Manifest ID:	24229038
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050921
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20050928
Manifest ID:	24701177
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050919
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050919
Manifest ID:	24229033
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAL000051065
Shipment Date:	20011214
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011219
Manifest ID:	20703083
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011121
Creation Date:	1/29/2002 0:00:00
Receipt Date:	20011128
Manifest ID:	21290595
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Shipment Date:	20011112
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011113
Manifest ID:	20699460
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011101
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011107
Manifest ID:	21290534
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011008
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011010
Manifest ID:	20699258
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010926
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010928
Manifest ID:	20705184
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010831
Creation Date:	11/1/2001 0:00:00
Receipt Date:	20010906
Manifest ID:	20704523
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010815
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010817
Manifest ID:	20703891
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010730
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010801
Manifest ID:	20703650
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010718
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010719

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Manifest ID:	20445796
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000051065
Shipment Date:	20071219
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071221
Manifest ID:	000525516JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071203
Creation Date:	11/5/2007 18:30:29
Receipt Date:	20070718
Manifest ID:	000525152JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071107
Creation Date:	2/29/2008 18:30:38
Receipt Date:	20071109
Manifest ID:	000529102JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071105
Creation Date:	2/29/2008 18:30:31
Receipt Date:	20071107
Manifest ID:	000525844JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071003
Creation Date:	1/8/2008 18:31:04
Receipt Date:	20071010
Manifest ID:	000529154JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070905
Creation Date:	12/28/2007 18:30:53
Receipt Date:	20070912
Manifest ID:	000529080JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070822
Creation Date:	12/10/2007 18:30:13

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Receipt Date:	20070829
Manifest ID:	000526220JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070725
Creation Date:	2/5/2008 18:30:26
Receipt Date:	20070801
Manifest ID:	000521988JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070703
Creation Date:	11/5/2007 18:30:14
Receipt Date:	20070706
Manifest ID:	000521735JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070614
Creation Date:	11/3/2007 18:30:21
Receipt Date:	20070621
Manifest ID:	000529744JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000051065
Shipment Date:	20061218
Creation Date:	4/19/2007 18:31:38
Receipt Date:	20061220
Manifest ID:	001845087JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCES & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCES & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061215
Creation Date:	4/19/2007 18:31:38
Receipt Date:	20061220
Manifest ID:	001845085JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCES & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCES & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061122
Creation Date:	4/19/2007 18:30:21
Receipt Date:	20061129
Manifest ID:	001845086JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061102

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Creation Date:	3/30/2007 13:32:48
Receipt Date:	20061108
Manifest ID:	000520807JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061101
Creation Date:	3/30/2007 13:32:48
Receipt Date:	20061108
Manifest ID:	000520805JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061006
Creation Date:	3/30/2007 13:33:32
Receipt Date:	20061011
Manifest ID:	001845084JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCES & ENVIRONMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060927
Creation Date:	3/30/2007 13:31:23
Receipt Date:	20061004
Manifest ID:	000522281JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060920
Creation Date:	4/19/2007 18:30:06
Receipt Date:	20060922
Manifest ID:	000522298JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060914
Creation Date:	4/19/2007 18:30:06
Receipt Date:	20060920
Manifest ID:	000522273JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060829
Creation Date:	11/21/2006 18:30:19
Receipt Date:	20060901
Manifest ID:	24846200
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAL000051065

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Shipment Date:	19980723
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980723
Manifest ID:	98254840
Trans EPA ID:	CAD982049306
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980529
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980529
Manifest ID:	98302832
Trans EPA ID:	CAL922955281
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL922955281
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0458
Waste Quantity:	11
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980109
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980109
Manifest ID:	91034081
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069703658

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.5212
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980109
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980109
Manifest ID:	91034081
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069703658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAL000051065

Shipment Date:	19951206
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951208
Manifest ID:	91034017
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Meth Code:	R01 - Recycler
Quantity Tons:	0.3544
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951206
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951208
Manifest ID:	91034017
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951206
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951208
Manifest ID:	91034017
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Shipment Date:	19950906
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950907
Manifest ID:	91034014
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803698
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.5004
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950705
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950710
Manifest ID:	91034013
Trans EPA ID:	Not reported
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803698
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	150
Quantity Unit:	*
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950517
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950517
Manifest ID:	95441256
Trans EPA ID:	CAL922955281
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL922955281

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAL922955281
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0375
Waste Quantity:	9
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950405
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	91034018
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950405
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	91034018
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.3336
Waste Quantity:	80
Quantity Unit:	G

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950405
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	91034018
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0115
Waste Quantity:	23
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950320
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950320
Manifest ID:	93523459
Trans EPA ID:	CAL922955281
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL922955281
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL922955281
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAL000051065

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Shipment Date:	20021216
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20021219
Manifest ID:	21290868
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021121
Creation Date:	2/25/2003 18:31:38
Receipt Date:	20021122
Manifest ID:	22161562
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021107
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021108
Manifest ID:	21604727
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021017
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20021023
Manifest ID:	21598731
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020918
Creation Date:	1/28/2003 18:31:46
Receipt Date:	20020920
Manifest ID:	21603126
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020828
Creation Date:	1/27/2003 18:32:25
Receipt Date:	20020905
Manifest ID:	21290533
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020808
Creation Date:	3/14/2003 18:31:30
Receipt Date:	20020809
Manifest ID:	21599178
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020725
Creation Date:	9/19/2002 18:30:45
Receipt Date:	20020731

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Manifest ID:	21599734
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020717
Creation Date:	9/18/2002 18:32:45
Receipt Date:	20020719
Manifest ID:	21603416
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020625
Creation Date:	8/29/2002 18:31:58
Receipt Date:	20020628
Manifest ID:	21607552
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000051065
Shipment Date:	20031227
Creation Date:	7/30/2004 18:31:14
Receipt Date:	20031227
Manifest ID:	22840632
Trans EPA ID:	CAL000263010
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000263010
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031222
Creation Date:	7/30/2004 18:31:14
Receipt Date:	20031222
Manifest ID:	22840641
Trans EPA ID:	CAL000263010
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000263010
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031219
Creation Date:	8/12/2004 8:09:46
Receipt Date:	20031224
Manifest ID:	22404151
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031218
Creation Date:	7/30/2004 18:31:14
Receipt Date:	20031218
Manifest ID:	22840586
Trans EPA ID:	CAL000263010
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000263010
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031125
Creation Date:	8/9/2004 8:48:13

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Receipt Date:	20031126
Manifest ID:	99820583
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031030
Creation Date:	8/9/2004 8:46:56
Receipt Date:	20031031
Manifest ID:	99820562
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031008
Creation Date:	8/3/2004 15:02:31
Receipt Date:	20031010
Manifest ID:	99820561
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030918
Creation Date:	8/3/2004 7:33:04
Receipt Date:	20030919
Manifest ID:	22404406
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030829
Creation Date:	7/29/2004 7:46:19
Receipt Date:	20030903
Manifest ID:	99820560
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030801
Creation Date:	7/28/2004 10:48:03
Receipt Date:	20030806
Manifest ID:	99820559
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000051065
Shipment Date:	19961106
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961111
Manifest ID:	91034078
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961106

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961111
Manifest ID:	91034078
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961106
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961111
Manifest ID:	91034078
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960816
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960816
Manifest ID:	96513270
Trans EPA ID:	CAL922955281
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL922955281
Trans Name:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0542
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960807
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960812
Manifest ID:	91034076
Trans EPA ID:	UTD988072402
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960807
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960812
Manifest ID:	91034076
Trans EPA ID:	UTD988072402
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960807
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960812
Manifest ID:	91034076
Trans EPA ID:	UTD988072402
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960719
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960719
Manifest ID:	95702812
Trans EPA ID:	CAD982049306
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000051065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960410
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960415
Manifest ID:	91034015

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960410
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960415
Manifest ID:	91034015
Trans EPA ID:	UTD988072401
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD069803658
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD069803658
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000051065

Shipment Date:	20080924
Creation Date:	12/8/2008 18:30:08
Receipt Date:	20081001
Manifest ID:	000528547JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080902
Creation Date:	10/21/2008 18:30:08
Receipt Date:	20080903
Manifest ID:	000528823JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080728
Creation Date:	10/1/2008 18:30:38
Receipt Date:	20080730
Manifest ID:	000527265JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080630
Creation Date:	9/10/2008 18:30:08
Receipt Date:	20080702
Manifest ID:	000527034JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080604
Creation Date:	9/10/2008 18:30:08
Receipt Date:	20080606
Manifest ID:	000781681JJK
Trans EPA ID:	CAD982434037
Trans Name:	BRITTELL ENVIRONMENTAL CORPORATION
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.266
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080603
Creation Date:	8/4/2008 18:30:42
Receipt Date:	20080604

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Manifest ID:	000520351JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080514
Creation Date:	8/4/2008 18:30:42
Receipt Date:	20080521
Manifest ID:	000531489JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080428
Creation Date:	7/16/2008 18:30:16
Receipt Date:	20080430
Manifest ID:	000520350JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080414
Creation Date:	7/16/2008 18:30:16
Receipt Date:	20080416
Manifest ID:	000531488JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080401
Creation Date:	6/4/2008 18:30:29
Receipt Date:	20080402
Manifest ID:	000531083JJK
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAL000051065

Shipment Date: 20041230
Creation Date: 3/16/2005 18:31:03
Receipt Date: 20041230
Manifest ID: 24225642
Trans EPA ID: CAR000151282
Trans Name: SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAR000151282
Trans Name: SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.06255
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041227
Creation Date: 3/16/2005 18:31:03
Receipt Date: 20041227
Manifest ID: 24225643
Trans EPA ID: CAR000151282
Trans Name: SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAR000151282
Trans Name: SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.02085
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041222
Creation Date: 4/20/2006 18:30:56

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Receipt Date:	20041229
Manifest ID:	23850102
Trans EPA ID:	CAD982433575
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041209
Creation Date:	3/13/2007 18:30:28
Receipt Date:	20041209
Manifest ID:	24109560
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.06255
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041206
Creation Date:	3/13/2007 18:30:28
Receipt Date:	20041206
Manifest ID:	24109561
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041202
Creation Date:	2/17/2005 18:31:05
Receipt Date:	20041203
Manifest ID:	24109564
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041124
Creation Date:	2/17/2005 18:31:05
Receipt Date:	20041203
Manifest ID:	24109565
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041122
Creation Date:	2/17/2005 18:31:05
Receipt Date:	20041122
Manifest ID:	24109562
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.06255
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041118
Creation Date:	2/17/2005 18:31:05
Receipt Date:	20041118
Manifest ID:	24109563
Trans EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.06255
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041115
Creation Date:	2/17/2005 18:31:05
Receipt Date:	20041115
Manifest ID:	24109336
Trans EPA ID:	CAR000151282

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000151282
Trans Name:	SOURCEONE HEALTHCARE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAL000051065
Shipment Date:	20001221
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001222
Manifest ID:	20246878
Trans EPA ID:	CAL000197215
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000197215
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1042
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001215
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001220
Manifest ID:	20242694
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.6054
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001213
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001218
Manifest ID:	20246880
Trans EPA ID:	CAL000197215
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000197215
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001206
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001208
Manifest ID:	99820549
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.6054
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001206
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001207
Manifest ID:	20246881
Trans EPA ID:	CAL000197215
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000197215
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001122
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001127
Manifest ID:	20137980
Trans EPA ID:	CAL000197215
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000197215
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001122
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001129
Manifest ID:	99820548

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.5846
Waste Quantity:	380
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001113
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001115
Manifest ID:	99820547
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.6054
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001108
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001108
Manifest ID:	20137689
Trans EPA ID:	CAL000197215
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000197215
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001103
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001108
Manifest ID:	99820546
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWP:

EPA ID:	CAL000051065
Name:	MERRY X-RAY CHEMICAL CORPORATION
Address:	131 S MAPLE AVE STE 1
Cleanup Status:	CLOSED
Latitude:	37.64843
Longitude:	-122.4140
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Senate District:	13
Assembly District:	22
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Silver recovery only facility that was originally authorized under the Standardized Permit Interim Status tier. A 1997 statute deregulated all these silver recovery only facilities and this facility has been deemed administratively clean closed.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	Standardized

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 81-85%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Closure:
EPA ID: CAL000051065
Facility Type: Historical - Non-Operating
Facility Name: MERRY X-RAY CHEMICAL CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Administrative
Final Date: Not reported
Type: STND
Title Description: Facility deregulated due to SB2111 in 1999.
Due Date: Not reported
Comments: Facility deregulated due to SB2111 in 1999.
Unit Names: Silver Recovery
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 01/01/1999

HWTS:
Name: MERRY X-RAY CHEMICAL CORPORATION
Address: 131 S MAPLE AVE STE 1
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940806319
EPA ID: CAL000051065
Inactive Date: 06/30/2019
Create Date: 03/16/1993
Last Act Date: 08/14/2019
Mailing Name: Not reported
Mailing Address: 8020 TYLER BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: MENTOR, OH 440600000
Owner Name: MERRY X-RAY CHEMICAL CORP
Owner Address: 4909 MURPHY CANYON ROAD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921231622
Contact Name: FRANK KRASHOC
Contact Address: 8020 TYLER BLVD
Contact Address 2: Not reported
City,State,Zip: MENTOR, OH 44060

NAICS:
EPA ID: CAL000051065
Create Date: 2013-10-15 15:45:40.993
NAICS Code: 42145
NAICS Description: Medical, Dental, and Hospital Equipment and Supplies Wholesalers
Issued EPA ID Date: 1993-03-16 00:00:00
Inactive Date: 2019-06-30 00:00:00
Facility Name: MERRY X-RAY CHEMICAL CORPORATION
Facility Address: 131 S MAPLE AVE STE 1

MERRY X RAY CHEMICAL CORP (Continued) **1000819687**

Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940806319

BG496 **ALICIA'S MARKET DELI** **LUST** **S112844034**
NNW **7 S LINDEN AVE** **HAZNET** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.351 mi.
1855 ft. **Site 1 of 2 in cluster BG**

Relative:
Higher

Actual:
26 ft.

SAN MATEO CO. LUST:

Name:	UNION CARBIDE CORP.
Address:	7 S LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550001
Facility Status:	5R- Remediation Plan
Global ID:	T0608100558
APN Number:	014074010
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HAZNET:

Name:	ALICIA'S MARKET DELI
Address:	7 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact:	JOAN CULLIHAN
Telephone:	4159525551
Mailing Name:	Not reported
Mailing Address:	7 S LINDEN AVE
Year:	1997
Gepaid:	CAC000768392
TSD EPA ID:	CAD980887418
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.57
Year:	1997
Gepaid:	CAC000768392
TSD EPA ID:	CAD009466392
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	R01 - Recycler
Tons:	0.2

Additional Info:

Year:	1997
Gen EPA ID:	CAC000768392
Shipment Date:	19970311
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970311

ALICIA'S MARKET DELI (Continued) **S112844034**

Manifest ID:	96417142
Trans EPA ID:	CAD009466391
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009466392
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009466392
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970305
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970306
Manifest ID:	96181393
Trans EPA ID:	CAD981377633
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.57
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	ALICIA'S MARKET DELI
Address:	7 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAC000768392
Inactive Date:	10/25/2000
Create Date:	02/25/1997
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	7 S LINDEN AVE
Mailing Address 2:	Not reported

ALICIA'S MARKET DELI (Continued) **S112844034**

Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	SAMMY & JANET TOTAH
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	JOAN CULLIHAN
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

BG497 **UNION CARBIDE CORP.** **LUST** **S111760444**
NNW **7 SOUTH LINDEN AVENUE** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.351 mi.
1855 ft. **Site 2 of 2 in cluster BG**

Relative:
Higher

Actual:
26 ft.

LUST:

Name:	UNION CARBIDE CORP.
Address:	7 SOUTH LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100558
Global Id:	T0608100558
Latitude:	37.651185434
Longitude:	-122.411331
Status:	Open - Verification Monitoring
Status Date:	02/15/2017
Case Worker:	BG
RB Case Number:	41-0584
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Not reported
Local Case Number:	550001
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Acetone, Other Chlorinated Hydrocarbons, Vinyl chloride, Diesel, Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T0608100558
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100558
Contact Type:	Local Agency Caseworker
Contact Name:	BRIAN GWINN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 Alameda de las Pulgas, Suite 100
City:	SAN MATEO
Email:	bgwinn@smcgov.org

UNION CARBIDE CORP. (Continued) **S111760444**

Phone Number: 6502724590

LUST:
Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 06/20/2012
Action: Staff Letter - #20120620

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 10/17/2018
Action: Email Correspondence

Global Id: T0608100558
Action Type: Other
Date: 01/10/1987
Action: Leak Discovery

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/19/2008
Action: Electronic Reporting Submittal Due

Global Id: T0608100558
Action Type: RESPONSE
Date: 09/21/2004
Action: Electronic Reporting Submittal Due

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/28/2005
Action: Soil and Water Investigation Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/18/2005
Action: Soil and Water Investigation Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 10/28/2005
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 10/28/2005
Action: Risk Assessment Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 01/21/2006
Action: Electronic Reporting Submittal Due

Global Id: T0608100558
Action Type: RESPONSE
Date: 03/21/2006
Action: Soil and Water Investigation Workplan

UNION CARBIDE CORP. (Continued) **S111760444**

Global Id: T0608100558
Action Type: RESPONSE
Date: 04/19/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100558
Action Type: RESPONSE
Date: 03/21/2006
Action: Risk Assessment Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 12/29/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/29/2006
Action: Soil and Water Investigation Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 03/03/2003
Action: Risk Assessment Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 09/30/2003
Action: Soil and Water Investigation Workplan

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/20/2003
Action: Electronic Reporting Submittal Due

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100558
Action Type: RESPONSE

UNION CARBIDE CORP. (Continued) **S111760444**

Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 10/05/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608100558
Action Type: RESPONSE
Date: 03/08/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/15/2015
Action: Monitoring Report - Quarterly

UNION CARBIDE CORP. (Continued) **S111760444**

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/15/2018
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 10/07/2004
Action: Staff Letter - #20041007

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 08/10/2004
Action: Staff Letter - #20040810A

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 12/21/2005
Action: Staff Letter - #20051221D

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 07/05/2005
Action: Staff Letter - #20050705A

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 06/11/2003
Action: Staff Letter - #20030611

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 08/10/2004
Action: Staff Letter - #20040810B

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 08/12/2003
Action: Staff Letter - #20030812

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 12/09/1988
Action: Notice of Responsibility - #19881209

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 04/27/2006
Action: Staff Letter - #20060427B

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 12/21/2005
Action: Staff Letter - #20051221B

Global Id: T0608100558
Action Type: ENFORCEMENT

UNION CARBIDE CORP. (Continued) **S111760444**

Date: 04/27/2006
Action: Staff Letter - #20060427A

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 12/21/2005
Action: Staff Letter - #20051221C

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 01/13/2003
Action: Staff Letter - #20030113

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 07/05/2005
Action: Staff Letter - #20050705B

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 10/01/2003
Action: Staff Letter - #20031001

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 04/22/2003
Action: Staff Letter - #20030422

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 04/19/2005
Action: Staff Letter - #20050419

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 12/21/2005
Action: Staff Letter - #20051221A

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 10/09/2008
Action: Warning Letter - #20081009

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 09/29/2016
Action: Staff Letter - #20160929

Global Id: T0608100558
Action Type: Other
Date: 09/01/1987
Action: Leak Reported

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2013
Action: Monitoring Report - Semi-Annually

UNION CARBIDE CORP. (Continued) **S111760444**

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 03/15/2019
Action: Site Assessment Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2018
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 07/22/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/15/2016
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/15/2016
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2019
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2018
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608100558
Action Type: REMEDIATION
Date: 11/01/1995
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100558
Action Type: REMEDIATION

UNION CARBIDE CORP. (Continued) **S111760444**

Date: 04/16/2001
Action: Excavation

Global Id: T0608100558
Action Type: REMEDIATION
Date: 10/15/2010
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 05/09/2019
Action: Staff Letter - #20190509

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2017
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/15/2018
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 07/12/2019
Action: Other Report / Document

Global Id: T0608100558
Action Type: RESPONSE
Date: 04/29/2019
Action: Correspondence

Global Id: T0608100558
Action Type: RESPONSE
Date: 06/02/2020
Action: Other Report / Document

UNION CARBIDE CORP. (Continued) **S111760444**

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/30/2019
Action: Correspondence

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 02/05/2019
Action: Email Correspondence - #20190205

Global Id: T0608100558
Action Type: Other
Date: 01/10/1987
Action: Leak Stopped

Global Id: T0608100558
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/15/2017
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 08/15/2017
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: ENFORCEMENT

UNION CARBIDE CORP. (Continued) **S111760444**

Date: 06/09/2016
Action: Staff Letter - #20160609

Global Id: T0608100558
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100558
Action Type: RESPONSE
Date: 01/07/2004
Action: Soil and Water Investigation Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 11/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: RESPONSE
Date: 03/15/2017
Action: Well Destruction Report

Global Id: T0608100558
Action Type: RESPONSE
Date: 02/15/2017
Action: Monitoring Report - Quarterly

Global Id: T0608100558
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Staff Letter - #20090715

LUST:
Global Id: T0608100558
Status: Open - Case Begin Date
Status Date: 01/10/1987

Global Id: T0608100558
Status: Open - Site Assessment
Status Date: 01/10/1987

UNION CARBIDE CORP. (Continued) **S111760444**

Global Id: T0608100558
Status: Open - Remediation
Status Date: 12/21/2005

Global Id: T0608100558
Status: Open - Verification Monitoring
Status Date: 02/15/2017

CORTESE:
Name: UNION CARBIDE CORP.
Address: 7 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100558
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - VERIFICATION MONITORING
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: UNION CARBIDE CORP.
Address: 7 SOUTH LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 196467
CERS ID: T0608100558
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: BRIAN GWINN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6502724590,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported

UNION CARBIDE CORP. (Continued) **S111760444**

Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

BD498 **PACIFIC BELL** **RCRA-LQG** **1000251380**
SSW **1101 SAN MATEO AVENUE** **LUST** **CAT080022296**
1/4-1/2 **SAN BRUNO, CA 94066** **SWEEPS UST**
0.354 mi. **FINDS**
1870 ft. **Site 3 of 4 in cluster BD** **San Mateo Co. BI**
Cortese
Relative: **EMI**
Higher **HIST CORTESE**
Actual: **CERS**
21 ft.

RCRA-LQG:

Date Form Received by Agency:		19810119
Handler Name:	PACIFIC BELL	
Handler Address:		1101 SAN MATEO AVENUE
Handler City,State,Zip:		SAN BRUNO, CA 94066
EPA ID:		CAT080022296
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		1101 SAN MATEO AVENUE
Contact City,State,Zip:		SAN BRUNO, CA 94066
Contact Telephone:		408-491-6029
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		2 NORTH SECOND ST ROOM 1125
Mailing City,State,Zip:		SAN JOSE, CA 95113
Owner Name:		THE PACIFIC TELEPHONE AND TELEGRAPH CO
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		Yes
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No

PACIFIC BELL (Continued) **1000251380**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE PACIFIC TELEPHONE AND TELEGRAPH CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PACIFIC BELL (Continued) **1000251380**

Historic Generators:
Receive Date: 19810119
Handler Name: PACIFIC BELL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN MATEO CO. LUST:
Name: PACIFIC BELL
Address: 1101 SAN MATEO AVE
City,State,Zip: SAN BRUNO, CA
Region: SAN MATEO
Facility ID: 880028
Facility Status: 9- Case Closed
Global ID: T0608100645
APN Number: Not reported
Case Type: SAN BRUNO, CA
EDR Link ID: SAN BRUNO, CA

LUST:
Name: PACIFIC BELL
Address: 1101 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100645
Global Id: T0608100645
Latitude: 37.6373739
Longitude: -122.4114763
Status: Completed - Case Closed
Status Date: 11/13/2000
Case Worker: JM
RB Case Number: 41-0679
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 880028
Potential Media Affect: Soil

PACIFIC BELL (Continued) **1000251380**

Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100645
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100645
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100645
Action Type: ENFORCEMENT
Date: 03/22/1993
Action: Notice of Responsibility - #1

Global Id: T0608100645
Action Type: Other
Date: 05/01/1985
Action: Leak Reported

LUST:
Global Id: T0608100645
Status: Open - Case Begin Date
Status Date: 05/01/1985

Global Id: T0608100645
Status: Completed - Case Closed
Status Date: 11/13/2000

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 880028
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported

PACIFIC BELL (Continued) **1000251380**

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: PACIFIC BELL
Address: 1101 SAN MATEO AVE
City: SAN BRUNO
Status: Active
Comp Number: 880019
Number: 1
Board Of Equalization: 44-001027
Referral Date: 04-11-94
Action Date: 04-11-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-880019-000001
Tank Status: A
Capacity: 10000
Active Date: 05-02-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

FINDS:
Registry ID: 110002950502

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110055758924

Click Here:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

San Mateo Co. BI:
Name: T MOBILE WEST CORP-SITE IDSF03043A
Address: 1101 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO

PACIFIC BELL (Continued) **1000251380**

Facility ID: FA0045292
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0058703
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: T MOBILE WEST CORP-SITE IDSF03043A
Address: 1101 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0045292
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0058704
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SPRINT NEXTEL-SITE ID CA0862
Address: 1101 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0027151
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0042767
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SPRINT NEXTEL-SITE ID CA0862
Address: 1101 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0027151
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0042766
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: NEXTEL -SITE ID CA-0862
Address: 1101 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0027990
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0046025
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: NEXTEL -SITE ID CA-0862
Address: 1101 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0027990
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3

PACIFIC BELL (Continued) **1000251380**

Record Id: PR0046024
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: PACIFIC BELL
Address: 1101 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100645
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

EMI:
Name: PACIFIC BELL
Address: 1101 SAN MATEO AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Year: 2003
County Code: 41
Air Basin: SF
Facility ID: 13513
Air District Name: BA
SIC Code: 4813
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PACIFIC BELL
Address: 1101 SAN MATEO AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Year: 2004

PACIFIC BELL (Continued) **1000251380**

County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.08
Reactive Organic Gases Tons/Yr:	0.066936
Carbon Monoxide Emissions Tons/Yr:	0.221
NOX - Oxides of Nitrogen Tons/Yr:	1.016
SOX - Oxides of Sulphur Tons/Yr:	0.016
Particulate Matter Tons/Yr:	0.073
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.071248

Name:	PACIFIC BELL
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.08
Reactive Organic Gases Tons/Yr:	.066936
Carbon Monoxide Emissions Tons/Yr:	.221
NOX - Oxides of Nitrogen Tons/Yr:	1.016
SOX - Oxides of Sulphur Tons/Yr:	.016
Particulate Matter Tons/Yr:	.073
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.071248

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.017
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	AT&T

PACIFIC BELL (Continued) **1000251380**

Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.017
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.019
Reactive Organic Gases Tons/Yr:	.0158973
Carbon Monoxide Emissions Tons/Yr:	.058
NOX - Oxides of Nitrogen Tons/Yr:	.266
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.019
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.018544

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.019
Reactive Organic Gases Tons/Yr:	0.0158973
Carbon Monoxide Emissions Tons/Yr:	5.8000000000000003E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.26600000000000001
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.9467213114753999E-2

PACIFIC BELL (Continued) **1000251380**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0.019

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.012
Reactive Organic Gases Tons/Yr:	0.0100404
Carbon Monoxide Emissions Tons/Yr:	3.6999999999999998E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.16900000000000001
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.2295081967213101E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.012

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.012
Reactive Organic Gases Tons/Yr:	0.0100404
Carbon Monoxide Emissions Tons/Yr:	0.037
NOX - Oxides of Nitrogen Tons/Yr:	0.169
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.012
Reactive Organic Gases Tons/Yr:	0.0100404
Carbon Monoxide Emissions Tons/Yr:	0.037

PACIFIC BELL (Continued) **1000251380**

NOX - Oxides of Nitrogen Tons/Yr:	0.169
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.012295081967
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.012

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.022
Reactive Organic Gases Tons/Yr:	0.0184074
Carbon Monoxide Emissions Tons/Yr:	0.066
NOX - Oxides of Nitrogen Tons/Yr:	0.305
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.023
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.022

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.021955169
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.066300003
NOX - Oxides of Nitrogen Tons/Yr:	0.304965898
SOX - Oxides of Sulphur Tons/Yr:	0.000141375
Particulate Matter Tons/Yr:	0.022702198
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.02179411

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2015
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

PACIFIC BELL (Continued) **1000251380**

Total Organic Hydrocarbon Gases Tons/Yr:	0.01063981
Reactive Organic Gases Tons/Yr:	0.01035881
Carbon Monoxide Emissions Tons/Yr:	0.03213
NOX - Oxides of Nitrogen Tons/Yr:	0.1477912
SOX - Oxides of Sulphur Tons/Yr:	6.8512e-005
Particulate Matter Tons/Yr:	0.00211066
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002026234

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2016
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.010639808
Reactive Organic Gases Tons/Yr:	0.009347071328
Carbon Monoxide Emissions Tons/Yr:	0.032130002
NOX - Oxides of Nitrogen Tons/Yr:	0.147791181
SOX - Oxides of Sulphur Tons/Yr:	6.8512e-005
Particulate Matter Tons/Yr:	0.00211066
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002026234

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2017
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.012497551
Reactive Organic Gases Tons/Yr:	0.010979098554
Carbon Monoxide Emissions Tons/Yr:	0.037739996
NOX - Oxides of Nitrogen Tons/Yr:	0.173595992
SOX - Oxides of Sulphur Tons/Yr:	8.0475e-005
Particulate Matter Tons/Yr:	0.00247919
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002380022

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2018
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813

PACIFIC BELL (Continued) **1000251380**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.012505844
Reactive Organic Gases Tons/Yr:	0.010986383954
Carbon Monoxide Emissions Tons/Yr:	0.037765039
NOX - Oxides of Nitrogen Tons/Yr:	0.173711183
SOX - Oxides of Sulphur Tons/Yr:	8.0528e-005
Particulate Matter Tons/Yr:	0.002480835
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002381601

Name:	AT&T
Address:	1101 SAN MATEO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Year:	2019
County Code:	41
Air Basin:	SF
Facility ID:	13513
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.014263421
Reactive Organic Gases Tons/Yr:	0.012530415348
Carbon Monoxide Emissions Tons/Yr:	0.043072556
NOX - Oxides of Nitrogen Tons/Yr:	0.19812472
SOX - Oxides of Sulphur Tons/Yr:	9.1846e-005
Particulate Matter Tons/Yr:	0.002829491
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002716312

HIST CORTESE:

edr_fname:	PACIFIC BELL
edr_fadd1:	1101 SAN MATEO
City,State,Zip:	SAN BRUNO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0679

CERS:

Name:	PACIFIC BELL
Address:	1101 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	207588
CERS ID:	T0608100645
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

PACIFIC BELL (Continued) **1000251380**

Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

BD499 **FEDERAL SUPPLY WAREHOUSE** **LUST** **S101308805**
SSW **1070 SAN MATEO** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.355 mi. **Cortese**
1876 ft. **Site 4 of 4 in cluster BD** **HIST CORTESE**
NPDES
Relative: **CIWQS**
Lower **CERS**

Actual:
20 ft.

SAN MATEO CO. LUST:
Name: FEDERAL SUPPLY WAREHOUSE
Address: 1070 SAN MATEO AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550072
Facility Status: 9- Case Closed
Global ID: T0608100214
APN Number: Not reported
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: FEDERAL SUPPLY WAREHOUSE
Address: 1070 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100214
Global Id: T0608100214
Latitude: 37.6372303
Longitude: -122.4114719
Status: Completed - Case Closed
Status Date: 04/28/1997
Case Worker: JM
RB Case Number: 41-0225
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550072
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100214
Contact Type: Regional Board Caseworker

FEDERAL SUPPLY WAREHOUSE (Continued) **S101308805**

Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100214
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100214
Action Type: Other
Date: 09/27/1990
Action: Leak Discovery

Global Id: T0608100214
Action Type: RESPONSE
Date: 01/12/2009
Action: CEQA Reports

Global Id: T0608100214
Action Type: ENFORCEMENT
Date: 09/20/1990
Action: Notice of Responsibility - #1

Global Id: T0608100214
Action Type: Other
Date: 09/04/1990
Action: Leak Reported

Global Id: T0608100214
Action Type: REMEDIATION
Date: 03/22/1994
Action: Excavation

LUST:
Global Id: T0608100214
Status: Open - Case Begin Date
Status Date: 09/04/1990

Global Id: T0608100214
Status: Completed - Case Closed
Status Date: 04/28/1997

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed

FEDERAL SUPPLY WAREHOUSE (Continued) **S101308805**

Case Number: 550072
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: GENERAL SERVICES ADMIN WHOUSE
Address: 1070 SAN MATEO AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550115
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

San Mateo Co. BI:
Name: FEDEX GOUND - SAN FRANCISCO
Address: 1070 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0057260
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0089182
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: FEDEX GOUND - SAN FRANCISCO
Address: 1070 SAN MATEO
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0057260
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0079460
Description: GEN <1 TONS HAZ WASTE/YR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

FEDERAL SUPPLY WAREHOUSE (Continued) **S101308805**

CORTESE:

Name:	FEDERAL SUPPLY WAREHOUSE
Address:	1070 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100214
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	FEDERAL SUPPLY WAREHOUSE
edr_fadd1:	1070 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0225

NPDES:

Name:	SSF LOGISTICS CENTER
Address:	1070 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41C359353
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported

FEDERAL SUPPLY WAREHOUSE (Continued) **S101308805**

Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	05/11/2017
Operator Name:	AG Centrum SSF
Operator Address:	225 W Hubbard St
Operator City:	Chicago
Operator State:	California
Operator Zip:	60654

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Terminated
Agency Number:	0
Region:	2
Regulatory Measure ID:	405901
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41C359353
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/10/2010
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	05/11/2017
Discharge Name:	AG Centrum SSF
Discharge Address:	225 W Hubbard St
Discharge City:	Chicago
Discharge State:	California
Discharge Zip:	60654
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported

FEDERAL SUPPLY WAREHOUSE (Continued) **S101308805**

Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	405901
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 41C359353
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	05/11/2017
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	07/30/2010
Processed Date:	08/10/2010
Status:	Terminated
Status Date:	05/11/2017
Place Size:	26.12
Place Size Unit:	Acres
Contact:	George Okita
Contact Title:	Not reported
Contact Phone:	949-794-0000

FEDERAL SUPPLY WAREHOUSE (Continued) **S101308805**

Contact Phone Ext:	Not reported
Contact Email:	gokita@calcomm.org
Operator Name:	AG Centrum SSF
Operator Address:	225 W Hubbard St
Operator City:	Chicago
Operator State:	California
Operator Zip:	60654
Operator Contact:	George Okita
Operator Contact Title:	Manager
Operator Contact Phone:	949-794-0000
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	gokita@calcomm.org
Operator Type:	Private Business
Developer:	Centrum San Mateo Development Manager
Developer Address:	4299 MacArthur Boulevard Suite# 105
Developer City:	Newport Beach
Developer State:	California
Developer Zip:	92660
Developer Contact:	George Okita
Developer Contact Title:	Development Manager
Constype Linear Utility Ind:	N
Emergency Phone:	312-504-1417
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Y
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Y
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Colma Canal and San Francisco Bay
Certifier:	Michael McLean
Certifier Title:	Not reported
Certification Date:	30-JUL-10
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	SSF LOGISTICS CENTER
Address:	1070 SAN MATEO AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Agency:	AG Centrum SSF
Agency Address:	225 W Hubbard St, Chicago , CA 60654
Place/Project Type:	Construction - Commercial, Reconstruction, Industrial
SIC/NAICS:	Not reported

FEDERAL SUPPLY WAREHOUSE (Continued) **S101308805**

Region:	2
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 41C359353
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	08/10/2010
Termination Date:	05/11/2017
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.637259
Longitude:	-122.4091

CERS:

Name:	FEDERAL SUPPLY WAREHOUSE
Address:	1070 SAN MATEO
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	197179
CERS ID:	T0608100214
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BC500 **SUN CHEMICAL CORPORATION** **RESPONSE** **S106981240**
NNW **20 SOUTH LINDEN AVENUE** **ENVIROSTOR** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **DEED**
0.363 mi.
1915 ft. **Site 3 of 5 in cluster BC**

Relative:
Higher

Actual:
27 ft.

RESPONSE:

Name:	SUN CHEMICAL CORPORATION
Address:	20 SOUTH LINDEN AVENUE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Facility ID:	41280103
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	1.69
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Claude Jemison
Supervisor:	Cheryl Prowell
Division Branch:	Cleanup Berkeley
Site Code:	200095
Site Mgmt. Req.:	DAY, ELD, HOS, SCH, RES
Assembly:	22
Senate:	13
Special Program Status:	Not reported
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	11/30/1987
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	37.65140
Longitude:	-122.4120
APN:	101341120
Past Use:	MANUFACTURING - OTHER
Potential COC :	* ORGANIC LIQUIDS WITH METALS * OXYGENATED SOLVENTS * CONTAMINATED SOIL * Sludge - Paint * UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SOLVENT MIXTURES Lead Cyanide (free Zinc
Confirmed COC:	Cyanide (free Lead 10097-NO Zinc
Potential Description:	SOIL
Alias Name:	RENTAL CITY TRUCK
Alias Type:	Alternate Name
Alias Name:	SUN CHEMICAL - RENTAL CITY TRUCKS
Alias Type:	Alternate Name
Alias Name:	101341120
Alias Type:	APN
Alias Name:	CAD980817506
Alias Type:	EPA Identification Number
Alias Name:	110033618841
Alias Type:	EPA (FRS #)
Alias Name:	P21059
Alias Type:	PCode
Alias Name:	200095
Alias Type:	Project Code (Site Code)
Alias Name:	41280103
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/25/1986

SUN CHEMICAL CORPORATION (Continued) **S106981240**

Comments:	Completed RA. The RA consisted of excavation and disposal of contaminated soil, hazardous fluids, contaminated debris, steel tanks and piping. 279 yards of contaminated soil, 10,404 gallons of hazardous liquids, 10 steel tanks and piping were removed from the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	01/22/1987
Comments:	Completed Site Screening. Site inspection samplings in 1981 revealed elevated levels of lead, cyanide and zinc. Groundwater analyses did not indicate any contamination above drinking water standards.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Participation Plan / Community Relations Plan
Completed Date:	05/01/1987
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan
Completed Date:	05/01/1987
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	03/01/1987
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	5 Year Review Reports
Completed Date:	02/28/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	5 Year Review Reports
Completed Date:	12/14/2016
Comments:	DTSC personnel conducted a site inspection on February 11, 2016 as part of the Five-Year Review, which was performed because contaminated soil remains on the Site above levels that would allow for unrestricted land use. Based on site conditions observed during the site inspection, DTSC concluded that the selected remedy for the Site remains protective of human health and the environment.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Cost Recovery Settlements/Decrees
Completed Date:	12/02/1991
Comments:	Completed Cost Recovery.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

SUN CHEMICAL CORPORATION (Continued) **S106981240**

Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/02/2007
Comments: No problems noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/30/1987
Comments: Certified Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/04/1987
Comments: Recorded Deed Restriction limiting site to industrial use only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/14/2008
Comments: Cracks observed during the inspection should be repaired immediately.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/10/2016
Comments: DTSC staff performed annual inspection on February 11, 2016. Lead remains in soil at the site at concentrations that do not allow for unrestricted use. The lead-impacted soil is contained under the concrete pavement and buildings on the site. An area of the concrete pavement was observed during the inspection that requires repair. Also, vegetation and sediment were observed in a storm drain should be removed. Based on the inspection, DTSC concluded the selected remedial action remains protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 01/31/2017
Comments: DTSC’s personnel performed an annual cap inspection on January 17, 2017. During the inspection, areas of cracking and deterioration were observed on the surface of the concrete. However, no soil underneath was exposed and no evidence of any activities prohibited by the Land Use Covenant was observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/06/2018
Comments: DTSC personal conducted an annual site inspection on January 12, 2018

SUN CHEMICAL CORPORATION (Continued) **S106981240**

and verified compliance with the restrictions and requirements of the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/29/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/07/2009
Comments: During the inspection of the parking lot some cracking of the concrete surface was observed. There was no evidence of any activities prohibited by the Deed Restriction. It is recommended that the cracks observed during the inspection will only become worse and should be repaired.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/30/2010
Comments: The Site has been subdivided into 12 separate parcels and houses 12 industrial/warehouse condominiums and a concrete surface parking lot. It was observed that the surface of the concrete was in very good condition with only minor of cracking. There was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/16/2011
Comments: The surface of the concrete was in very good condition with only minor of cracking. There was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/23/2012
Comments: DTSC conducted its annual site visit to check the condition of the pavement over contaminated soil and to verify compliance with the restrictions and requirements of the Land Use Covenant. The surface of the pavement was in very good condition with only minor of cracking. There was no evidence of any activities prohibited by the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/10/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit

SUN CHEMICAL CORPORATION (Continued) **S106981240**

Completed Date: 03/06/2015
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: SUN CHEMICAL CORPORATION
Address: 20 SOUTH LINDEN AVENUE
City,State,Zip: S SAN FRANCISCO, CA 94080
Facility ID: 41280103
Status: Certified O&M - Land Use Restrictions Only
Status Date: 11/30/1987
Site Code: 200095
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 1.69
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Claude Jemison
Supervisor: Cheryl Prowell
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: DAY, ELD, HOS, SCH, RES
Funding: Responsible Party
Latitude: 37.65140
Longitude: -122.4120
APN: 101341120
Past Use: MANUFACTURING - OTHER
Potential COC: * ORGANIC LIQUIDS WITH METALS * OXYGENATED SOLVENTS * CONTAMINATED SOIL * Sludge - Paint * UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SOLVENT MIXTURES Lead Cyanide (free Zinc
Confirmed COC: Cyanide (free Lead 10097-NO Zinc
Potential Description: SOIL
Alias Name: RENTAL CITY TRUCK
Alias Type: Alternate Name
Alias Name: SUN CHEMICAL - RENTAL CITY TRUCKS
Alias Type: Alternate Name
Alias Name: 101341120
Alias Type: APN
Alias Name: CAD980817506
Alias Type: EPA Identification Number
Alias Name: 110033618841
Alias Type: EPA (FRS #)
Alias Name: P21059
Alias Type: PCode

SUN CHEMICAL CORPORATION (Continued) **S106981240**

Alias Name: 200095
Alias Type: Project Code (Site Code)
Alias Name: 41280103
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/25/1986
Comments: Completed RA. The RA consisted of excavation and disposal of contaminated soil, hazardous fluids, contaminated debris, steel tanks and piping. 279 yards of contaminated soil, 10,404 gallons of hazardous liquids, 10 steel tanks and piping were removed from the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/22/1987
Comments: Completed Site Screening. Site inspection samplings in 1981 revealed elevated levels of lead, cyanide and zinc. Groundwater analyses did not indicate any contamination above drinking water standards.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 05/01/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 05/01/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/01/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 02/28/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/14/2016
Comments: DTSC personnel conducted a site inspection on February 11, 2016 as part of the Five-Year Review, which was performed because contaminated soil remains on the Site above levels that would allow for unrestricted land use. Based on site conditions observed during the site inspection, DTSC concluded that the selected remedy for the Site remains protective of human health and the environment.

SUN CHEMICAL CORPORATION (Continued) **S106981240**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 12/02/1991
Comments: Completed Cost Recovery.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/02/2007
Comments: No problems noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/30/1987
Comments: Certified Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/04/1987
Comments: Recorded Deed Restriction limiting site to industrial use only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/14/2008
Comments: Cracks observed during the inspection should be repaired immediately.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/10/2016
Comments: DTSC staff performed annual inspection on February 11, 2016. Lead remains in soil at the site at concentrations that do not allow for unrestricted use. The lead-impacted soil is contained under the concrete pavement and buildings on the site. An area of the concrete pavement was observed during the inspection that requires repair. Also, vegetation and sediment were observed in a storm drain should be removed. Based on the inspection, DTSC concluded the selected remedial action remains protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 01/31/2017
Comments: DTSC's personnel performed an annual cap inspection on January 17, 2017. During the inspection, areas of cracking and deterioration were observed on the surface of the concrete. However, no soil underneath

SUN CHEMICAL CORPORATION (Continued) **S106981240**

was exposed and no evidence of any activities prohibited by the Land Use Covenant was observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/06/2018
Comments: DTSC personal conducted an annual site inspection on January 12, 2018 and verified compliance with the restrictions and requirements of the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/29/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/07/2009
Comments: During the inspection of the parking lot some cracking of the concrete surface was observed. There was no evidence of any activities prohibited by the Deed Restriction. It is recommended that the cracks observed during the inspection will only become worse and should be repaired.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/30/2010
Comments: The Site has been subdivided into 12 separate parcels and houses 12 industrial/warehouse condominiums and a concrete surface parking lot. It was observed that the surface of the concrete was in very good condition with only minor of cracking. There was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/16/2011
Comments: The surface of the concrete was in very good condition with only minor of cracking. There was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/23/2012
Comments: DTSC conducted its annual site visit to check the condition of the pavement over contaminated soil and to verify compliance with the restrictions and requirements of the Land Use Covenant. The surface of the pavement was in very good condition with only minor of cracking. There was no evidence of any activities prohibited by the Land Use Covenant.

Completed Area Name: PROJECT WIDE

SUN CHEMICAL CORPORATION (Continued) **S106981240**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/10/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/06/2015
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Name: SUN CHEMICAL CORPORATION
Address: 20 SOUTH LINDEN AVENUE
City,State,Zip: S SAN FRANCISCO, CA 94080
Envirostor ID: 41280103
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 11/04/1987
File Name: Envirostor Land Use Restrictions

BC501 **SUN CHEMICAL CORPORATION** **HIST Cal-Sites** **S100269751**
NNW **20 SOUTH LINDEN AVENUE** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080**
0.363 mi.
1915 ft. **Site 4 of 5 in cluster BC**

Relative: **Higher**
Actual: **27 ft.**

Calsite:
Name: SUN CHEMICAL CORPORATION
Address: 20 SOUTH LINDEN AVENUE
City: S SAN FRANCISCO
Region: BERKELEY
Facility ID: 41280103
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 11301987
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed

SUN CHEMICAL CORPORATION (Continued) **S100269751**

SIC Code: 28
SIC Name: MANU - CHEMICALS & ALLIED PRODUCTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Suspected
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 19
State Senate District Code: 08
Facility ID: 41280103
Activity: DEED
Activity Name: DEED RESTRICTIONS
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 11041987
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 41280103
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08011980
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported

SUN CHEMICAL CORPORATION (Continued) **S100269751**

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	41280103
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01221987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	41280103
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11301987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	41280103

SUN CHEMICAL CORPORATION (Continued) **S100269751**

Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	SETTL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12021991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	41280103
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06251986
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	300
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	IN ADDITION TO THE SOIL AND LIQUIDS REMOVED, 10 TANKS AND 1400 FEETOF ASSOCIATED PIPING WAS REMOVED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	20-40 SOUTH LINDEN AVENUE
Alternate City,St,Zip:	S SAN FRANCISCO, CA 94080
Alternate Address:	20 SOUTH LINDEN AVENUE
Alternate City,St,Zip:	S SAN FRANCISCO, CA 94080
Background Info:	1978, resulting in hazardous materials consisting of mixed inks, ink vehicles and pigments found as liquids and sludges in tanks and sumps, spillages on the main building floor, and in contaminated soil. The property was sold to Berman Corporation in 1979, who subsequently sold the property to Rental City

SUN CHEMICAL CORPORATION (Continued) **S100269751**

	Trucks. The property ownership was transferred to U.A. Local Pension Trust Funds in 1981. Sun Chemical manufactured printing ink at the site from 1927 to
Comments Date:	01221987
Comments:	Completed Site Screening. Site inspection samplings in 1981
Comments Date:	01221987
Comments:	revealed elevated levels of lead, cyanide and zinc. Groundwater
Comments Date:	01221987
Comments:	analyses did not indicate any contamination above drinking water
Comments Date:	01221987
Comments:	standards.
Comments Date:	06081981
Comments:	Site inspection was conducted by the Abandoned Site Project
Comments Date:	06081981
Comments:	(ASP) staff. 11 samples were collected.
Comments Date:	06251986
Comments:	Completed RA. The RA consisted of excavation and disposal of
Comments Date:	06251986
Comments:	contaminated soil, hazardous fluids, contaminated debris, steel
Comments Date:	06251986
Comments:	tanks and piping. 279 yards of contaminated soil, 10,404
Comments Date:	06251986
Comments:	gallons of hazardous liquids, 10 steel tanks and piping were
Comments Date:	06251986
Comments:	removed from the site.
Comments Date:	11041987
Comments:	Recorded Deed Restriction limiting site to industrial use only.
Comments Date:	11301987
Comments:	Certified Site.
Comments Date:	12021991
Comments:	Completed Cost Recovery.
ID Name:	CALSTARS CODE
ID Value:	200095
ID Name:	BEP DATABASE PCODE
ID Value:	P21059
ID Name:	EPA IDENTIFICATION NUMBER
ID Value:	CAD980817506
Alternate Name:	SUN CHEMICAL CORPORATION
Alternate Name:	RENTAL CITY TRUCK
Alternate Name:	SUN CHEMICAL - RENTAL CITY TRUCKS
Alternate Name:	SUN CHEMICAL CORPORATION
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

BC502 **SUN CHEMICAL CORPORATION** **CA BOND EXP. PLAN** **S100833558**
NNW **20 SOUTH LINDEN AVENUE** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.363 mi.
1915 ft. **Site 5 of 5 in cluster BC**

Relative: **Higher**

Actual: **27 ft.**

CA BOND EXP. PLAN:

Reponsible Party:	COST RECOVERY/OPERATION AND MAINTENANCE SITE
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	Sun Chemical and U.A. Local 38 Pension Trust Funds are the responsible parties. The RPs funded the characterization and remedial action at this site. State

SUN CHEMICAL CORPORATION (Continued) **S100833558**

	Bond funds were used for oversight of the RP's activities. DHS will seek cost recovery for its direct costs including staff costs and overhead related to the project.
Site Description:	This site is a former print ink manufacturing facility. Soil contamination has been identified onsite. Tanks and sumps containing oily and ink wastes are also onsite.
Hazardous Waste Desc:	Heavy metals including lead, zinc and barium, as well as cyanide comple1xes are present in sumps and soils. The hazards associated with these wastes and contaminants have been eliminated by removal of the liquids and sludges; removal of tanks, sumpsand piping; cleanup of residues on floors and other surfaces of the building; and excavation and redisposal of contaminated soils from the site.
Threat To Public Health & Env:	Peak concentrations of contaminants in the ground water are below applicable drinking water requirements. Ground water monitoring sampling continued until September, 1987. The monitoring wells were destroyed in December, 1987, following limited pumping of one well to remove the remaining ink.
Site Activity Status:	The responsible parties conducted removal of the liquids and sludges and sumps and piping in the early part of 1986. The site was fully characterized in mid 1987. DHS certified that the site was remediated in November, 1987.

BH503 **SIMPSON COATINGS GRP** **CPS-SLIC** **S117397746**
NW **111 MAPLE** **San Mateo Co. BI** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.366 mi.
1930 ft. **Site 1 of 5 in cluster BH**

Relative:
Higher

Actual:
22 ft.

CPS-SLIC:

Name:	SIMPSON COATINGS
Address:	111 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	01/15/2015
Global Id:	T10000006432
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	559216
Latitude:	37.6496265053279
Longitude:	-122.414024746033
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Ethylbenzene, Toluene, Xylene
Site History:	Case opened 2015

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:

Name:	SIMPSON COATINGS GRP
Address:	111 MAPLE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017803
Prog Element Code:	STORES HAZ MAT >32000GAL, 240001LB, 112000FT3
Record Id:	PR0004222

SIMPSON COATINGS GRP (Continued) **S117397746**

Description: STORES HAZ MAT >32000GAL, 224000LB, 112000CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: SIMPSON COATINGS GRP
Address: 111 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017803
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0011534
Description: GEN <1 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SIMPSON COATINGS GRP
Address: 111 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017803
Prog Element Code: 2354
Record Id: PR0068192
Description: TANK STOR CAP => 10,000 AND <100,000 GAL
Facility Status: Inactive, non-billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

CERS:
Name: SIMPSON COATINGS
Address: 111 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 275495
CERS ID: T10000006432
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BH504 **SIMPSON COATINGS** **LUST** **S112999683**
NW **111 S MAPLE AVE** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA**
0.366 mi.
1930 ft. **Site 2 of 5 in cluster BH**

Relative: **Higher**
Actual: **22 ft.**

SAN MATEO CO. LUST:

Name:	SIMPSON COATINGS
Address:	111 S MAPLE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	559216
Facility Status:	3B- Preliminary Assessment Underway
Global ID:	Not reported
APN Number:	014092120
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

BF505 **INTERSTATE GRADING AND PAVING** **LUST** **U001594790**
NW **128 SOUTH MAPLE AVENUE** **HIST UST** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.366 mi.
1935 ft. **Site 2 of 7 in cluster BF**

Relative: **Higher**
Actual: **22 ft.**

SAN MATEO CO. LUST:

Name:	INTERSTATE GRADING
Address:	128 S MAPLE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550122
Facility Status:	9- Case Closed
Global ID:	T0608100738
APN Number:	Not reported
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HIST UST:

Name:	INTERSTATE GRADING AND PAVING
Address:	128 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002BF44
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BF44.pdf
Region:	STATE
Facility ID:	00000065818
Facility Type:	Other
Other Type:	CONSTRUCTION
Contact Name:	NANCY PARIANI
Telephone:	4159527333
Owner Name:	INTERSTATE GRADING AND PAVING,
Owner Address:	128 SOUTH MAPLE AVENUE
Owner City,St,Zip:	SOUTH SAN FRANCISCO, CA 94080
Total Tanks:	0002
Tank Num:	001
Container Num:	92394
Year Installed:	1981
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR

INTERSTATE GRADING AND PAVING (Continued) **U001594790**

Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 92395
Year Installed: 1981
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

BF506 **INTERSTATE GRADING** **LUST** **S104161808**
NW **128 MAPLE** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.366 mi. **Cortese**
1935 ft. **Site 3 of 7 in cluster BF** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
22 ft.

LUST:
Name: INTERSTATE GRADING
Address: 128 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100738
Global Id: T0608100738
Latitude: 37.6486397
Longitude: -122.4147717
Status: Completed - Case Closed
Status Date: 08/13/1999
Case Worker: JM
RB Case Number: 41-0782
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550122
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100738
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100738
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO

INTERSTATE GRADING (Continued) **S104161808**

Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100738
Action Type: ENFORCEMENT
Date: 05/05/1997
Action: Notice of Responsibility - #1

Global Id: T0608100738
Action Type: Other
Date: 06/22/1993
Action: Leak Reported

LUST:
Global Id: T0608100738
Status: Open - Case Begin Date
Status Date: 06/22/1993

Global Id: T0608100738
Status: Completed - Case Closed
Status Date: 08/13/1999

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550122
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: INTERSTATE GRADING & PAVING INC
Address: 128 S MAPLE AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550129
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550129-000003
Tank Status: Not reported

INTERSTATE GRADING (Continued) **S104161808**

Capacity: 2000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 1

Name: INTERSTATE GRADING & PAVING INC
Address: 128 S MAPLE AVE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550129
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 10-13-88
Owner Tank Id: 1
SWRCB Tank Id: 41-000-550129-000001
Tank Status: A
Capacity: 10000
Active Date: 04-22-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Name: INTERSTATE GRADING & PAVING INC
Address: 128 S MAPLE AVE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550129
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 10-13-88
Owner Tank Id: 2
SWRCB Tank Id: 41-000-550129-000002
Tank Status: A
Capacity: 10000
Active Date: 04-22-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

San Mateo Co. BI:
Name: INTERSTATE GRADING & PAVING
Address: 128 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017782
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022657
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable

INTERSTATE GRADING (Continued) **S104161808**

Program Category: UNDERGROUND TANK PROGRAM

Name: INTERSTATE GRADING & PAVING, INC.
Address: 128 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017862
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011577
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: INTERSTATE GRADING & PAVING, INC.
Address: 128 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017862
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0004487
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: INTERSTATE GRADING
Address: 128 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100738
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: INTERSTATE GRADING
edr_fadd1: 128 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41

INTERSTATE GRADING (Continued) **S104161808**

Reg By: LTNKA
Reg Id: 41-0782

CERS:
Name: INTERSTATE GRADING
Address: 128 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 236631
CERS ID: T0608100738
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BF507 **NSFL CENTRAL** **LUST** **U001594803**
NW **132 SOUTH MAPLE AVENUE** **CERS HAZ WASTE** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST UST**
0.368 mi. **CERS TANKS**
1942 ft. **Site 4 of 7 in cluster BF** **CERS**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:
Name: S F ENGINE RE-MANUFACTURING
Address: 132 S MAPLE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550156
Facility Status: 9- Case Closed
Global ID: T0608100779
APN Number: 014091090
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

CERS HAZ WASTE:
Name: JMB CONSTRUCTION, INC
Address: 132 S MAPLE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 40063
CERS ID: 10068349

NSFL CENTRAL (Continued) **U001594803**

CERS Description: Hazardous Waste Generator

HIST UST:
Name: NSFL CENTRAL
Address: 132 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BB6D
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BB6D.pdf
Region: STATE
Facility ID: 00000010485
Facility Type: Other
Other Type: GARAGE
Contact Name: A.R. SANTUCCI
Telephone: 4159520660
Owner Name: A. R. SANTUCCI
Owner Address: 132 SOUTH MAPLE AVENUE
Owner City,St,Zip: SO. SAN FRANCISCO, CA 94080
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

CERS TANKS:
Name: JMB CONSTRUCTION, INC
Address: 132 S MAPLE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 40063
CERS ID: 10068349
CERS Description: Aboveground Petroleum Storage

CERS:
Name: JMB CONSTRUCTION, INC
Address: 132 S MAPLE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 40063
CERS ID: 10068349
CERS Description: Chemical Storage Facilities

Violations:

NSFL CENTRAL (Continued) **U001594803**

Site ID:	40063
Site Name:	JMB CONSTRUCTION, INC
Violation Date:	05-09-2017
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes:	Returned to compliance on 06/06/2017.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	40063
Site Name:	JMB CONSTRUCTION, INC
Violation Date:	05-09-2017
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to discuss in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards: 1. On a regular schedule. 2. After material repairs are made. 3. By qualified personnel. 4. The frequency and type of testing and inspections based on container size, configuration, and design.
Violation Notes:	Returned to compliance on 06/06/2017. Facility needs to document above ground petroleum tank inspection on a monthly basis. Facility needs to create an inspection form/log to document such inspections for tanks that contain petroleum product (new or used).
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	40063
Site Name:	JMB CONSTRUCTION, INC
Violation Date:	05-24-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 09/11/2018. Please submit the annual Hazardous Material Business Plan within 30 days for 2018.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	40063
Site Name:	JMB CONSTRUCTION, INC
Violation Date:	03-06-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 05/04/2020. Please add CO2 in the chemical inventory of the Hazardous Materials Business Plan within 30 days and

NSFL CENTRAL (Continued) **U001594803**

re-submit
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40063
Site Name: JMB CONSTRUCTION, INC
Violation Date: 05-09-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 09/15/2017. Facility needs to re-activate EPA ID #.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40063
Site Name: JMB CONSTRUCTION, INC
Violation Date: 05-09-2017
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 06/06/2017. Facility needs to document above ground petroleum tank inspection on a monthly basis. Facility needs to create an inspection form/log to document such inspections for tanks that contain petroleum product (new or used). All containers container containing used oil have to be labeled and closed (i.e. no used oil will spill out if the container is knocked over). This includes the trash can used to catch used oil from the oil filter crusher and the oil pan. Another option is label these kind of container EMPTY DAILY and making sure the content is emptied on a daily basis. There were two 5 gallon water jars that were used to store waste diesel. Either emptied the waste diesel into appropriate containers or label and close the containers.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-06-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown

NSFL CENTRAL (Continued) **U001594803**

Eval Date:	05-09-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-19-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-20-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-02-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-03-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-17-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	FEM Assisted facility with entering the HMBP electronically, facility has more questions, but will try to enter the required information first, before asking for assistance.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-13-2015

NSFL CENTRAL (Continued) **U001594803**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-17-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-06-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	he latest HMBP submitted on 4/30/2019 via San Mateo Portal.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-02-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-09-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SPCC plan review
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-09-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	facility has a 1500 gallon above ground diesel tank and a 750 gallon above ground diesel tank.
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-13-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

NSFL CENTRAL (Continued) **U001594803**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-16-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-19-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The current SPCC Plan is dated 2016
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Waste generated at the facility: oil water separator sludge, used oil. Florescent lights are serviced by a contractor. EPA ID# for the facility is CAL000212944 (J M B Construction) - Facility uses this number for disposal purpose. There is also another EPA ID # for JMB Construction (which is not used by the facility).
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2018
Violations Found: Yes

NSFL CENTRAL (Continued) **U001594803**

Eval Type:	Routine done by local agency
Eval Notes:	Last HMBP submission was on 5/2/2017
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-05-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-23-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-22-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-09-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	HMBP re-certified during the first week on 5/2017. Facility owns the property.

NSFL CENTRAL (Continued) **U001594803**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-09-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-13-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-22-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility has a 1000 gallon used oil tank, 1000 gallon motor oil and a 2000 gallon diesel ASTs
Eval Division: San Mateo County Environmental Health
Eval Program: APSA

NSFL CENTRAL (Continued) **U001594803**

Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-06-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous waste generated at the facility: - Used oil in a 1000 gallon AST - Filters astored in two 55 gallon drums - Waste absorbent - Clarifier waste sludge - Pick up by Republic Services Facility's EPA ID# is: CAL000212944
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-06-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-09-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	facility has a 750 Above ground storage tank for used oil. Facility crushes fuel filters and separate metal from paper filters. There were 3 used oil pick up in 2016. An electrician came to the facility late last year changing out fluorescent lights. The electrician took away the burned out light tubes. Facility has a oil water clarifier. Mr. Dower stated someone works at the airport for JMB takes the sludge for JMB. I advise JMB must keep a record of such pick up. For the most part the basin is used to catch dirt.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-19-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

NSFL CENTRAL (Continued) **U001594803**

Eval General Type: Other/Unknown
Eval Date: 08-18-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-21-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-22-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 40063
Facility Name: JMB CONSTRUCTION, INC
Env Int Type Code: HWG
Program ID: 10068349
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.648586
Longitude: -122.415550

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

NSFL CENTRAL (Continued) **U001594803**

Affiliation Type Desc:	Legal Owner
Entity Name:	JMB CONSTRUCTION, INC
Entity Title:	Not reported
Affiliation Address:	132 MAPLE
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 267-5300,

Affiliation Type Desc:	Parent Corporation
Entity Name:	JMB CONSTRUCTION, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Document Preparer
Entity Name:	John Dower
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	John Dower
Entity Title:	Not reported
Affiliation Address:	132 So Maple Ave
Affiliation City:	S San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	132 S MAPLE AVE
Affiliation City:	SOUTH SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Pamela Burns
Entity Title:	Office manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

NSFL CENTRAL (Continued) **U001594803**

Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Margaret Burke
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 267-5300,

BF508 **SF ENGINE REMANUFACTURING** **LUST** **S102436724**
NW **132 MAPLE** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.368 mi. **CERS**
1942 ft. **Site 5 of 7 in cluster BF**

Relative: **Higher**

Actual: **22 ft.**

LUST:

Name:	S F ENGINE RE-MANUFACTURING
Address:	132 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100779
Global Id:	T0608100779
Latitude:	37.648591
Longitude:	-122.415573
Status:	Completed - Case Closed
Status Date:	02/28/2001
Case Worker:	JM
RB Case Number:	41-0832
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550156
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

LUST:

Global Id:	T0608100779
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported
Global Id:	T0608100779
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org

SF ENGINE REMANUFACTURING (Continued) **S102436724**

Phone Number: 6503995959

LUST:
Global Id: T0608100779
Action Type: ENFORCEMENT
Date: 06/30/1998
Action: Notice of Responsibility - #1

Global Id: T0608100779
Action Type: Other
Date: 11/19/1993
Action: Leak Reported

Global Id: T0608100779
Action Type: REMEDIATION
Date: 11/01/1999
Action: Not reported

Global Id: T0608100779
Action Type: ENFORCEMENT
Date: 02/28/2001
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100779
Action Type: RESPONSE
Date: 09/16/1986
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608100779
Action Type: ENFORCEMENT
Date: 10/27/2000
Action: Closure Summary

Global Id: T0608100779
Action Type: RESPONSE
Date: 11/18/2005
Action: Soil and Water Investigation Report

LUST:
Global Id: T0608100779
Status: Open - Case Begin Date
Status Date: 11/19/1993

Global Id: T0608100779
Status: Completed - Case Closed
Status Date: 02/28/2001

CORTESE:
Name: S F ENGINE RE-MANUFACTURING
Address: 132 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100779
Site/Facility Type: LUST CLEANUP SITE

SF ENGINE REMANUFACTURING (Continued) **S102436724**

Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SF ENGINE REMANUFACTURING
edr_fadd1:	132 MAPLE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0832

CERS:

Name:	S F ENGINE RE-MANUFACTURING
Address:	132 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	230755
CERS ID:	T0608100779
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

509
NNW
1/4-1/2
0.371 mi.
1958 ft.

DECCA XAGON
338 N CANAL ST
SOUTH SAN FRANCISCO, CA 94080

SEMS-ARCHIVE

1003878411
CAD980390272

Relative:
Higher

Actual:
22 ft.

SEMS Archive:

Site ID:	0901729
EPA ID:	CAD980390272
Name:	DECCA XAGON
Address:	338 N CANAL ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Cong District:	11
FIPS Code:	06081
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0901729
EPA ID:	CAD980390272
Site Name:	DECCA XAGON
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-09-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0901729
EPA ID:	CAD980390272
Site Name:	DECCA XAGON
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1984-11-01 06:00:00
Qual:	L
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901729
EPA ID:	CAD980390272
Site Name:	DECCA XAGON
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1

DECCA XAGON (Continued) **1003878411**

Start Date: 1979-11-01 05:00:00
Finish Date: 1979-11-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901729
EPA ID: CAD980390272
Site Name: DECCA XAGON
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 2
Start Date: Not reported
Finish Date: 1988-09-01 04:00:00
Qual: N
Current Action Lead: EPA Perf

BI510 **CTC FOOD INTERNATIONAL** **LUST S103396269**
NNE **131 HARRIS** **San Mateo Co. BI N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080**
0.373 mi.
1972 ft. **Site 1 of 3 in cluster BI**

Relative:
Higher

Actual:
25 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550155
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: ORIENTAL TRADING CO
Address: 131 HARRIS
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024794
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0031283
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: ORIENTAL TRADING CO

CTC FOOD INTERNATIONAL (Continued) **S103396269**

Address:	131 HARRIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0024794
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0030478
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

BI511 **CTC FOOD INTERNATIONAL** **LUST** **S109285641**
NNE **131 WEST HARRIS AVENUE** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.373 mi.
1972 ft. **Site 2 of 3 in cluster BI**

Relative:
Higher

Actual:
25 ft.

LUST:

Name:	CTC FOOD INTERNATIONAL
Address:	131 WEST HARRIS AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608101023
Global Id:	T0608101023
Latitude:	37.650892
Longitude:	-122.403331
Status:	Completed - Case Closed
Status Date:	08/10/2000
Case Worker:	JM
RB Case Number:	41-1113
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550155
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608101023
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608101023
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608101023

CTC FOOD INTERNATIONAL (Continued) **S109285641**

Action Type: ENFORCEMENT
Date: 06/30/1998
Action: Notice of Responsibility - #1

Global Id: T0608101023
Action Type: Other
Date: 05/07/1998
Action: Leak Reported

LUST:
Global Id: T0608101023
Status: Open - Case Begin Date
Status Date: 05/07/1998

Global Id: T0608101023
Status: Completed - Case Closed
Status Date: 08/10/2000

CORTESE:
Name: CTC FOOD INTERNATIONAL
Address: 131 WEST HARRIS AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608101023
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: CTC FOOD INTERNATIONAL
Address: 131 WEST HARRIS AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 236814
CERS ID: T0608101023
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

CTC FOOD INTERNATIONAL (Continued) **S109285641**

Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BI512 **CTC FOOD INTERNATIONAL** **LUST** **S104912724**
NNE **131 HARRIS** **HIST CORTESE** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.373 mi.
1972 ft. **Site 3 of 3 in cluster BI**

Relative:
Higher

Actual:
25 ft.

SAN MATEO CO. LUST:

Name:	CTC FOOD INTERNATIONAL
Address:	131 W HARRIS AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550155
Facility Status:	9- Case Closed
Global ID:	T0608101023
APN Number:	015123490
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HIST CORTESE:

edr_fname:	CTC FOOD INTERNATIONAL
edr_fadd1:	131 HARRIS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-1113

513
NE
1/4-1/2
0.374 mi.
1977 ft.

NEW ENGLAND LOBSTER
191 MITCHELL AVE
SOUTH SAN FRANCISCO, CA 94080

SEMS **1015730694**
CAN000909504

Relative:
Lower

Actual:
15 ft.

SEMS:

Site ID:	0909504
EPA ID:	CAN000909504
Name:	NEW ENGLAND LOBSTER
Address:	191 MITCHELL AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Cong District:	Not reported
FIPS Code:	06081
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region:	09
Site ID:	0909504
EPA ID:	CAN000909504
Site Name:	NEW ENGLAND LOBSTER
NPL:	N
FF:	N
OU:	00
Action Code:	PJ
Action Name:	RP EM REM
SEQ:	1
Start Date:	2012-09-17 05:00:00
Finish Date:	9/17/2012 5:00:00 AM
Qual:	C
Current Action Lead:	EPA Ovrsght

BF514
NW
1/4-1/2
0.378 mi.
1995 ft.

CARLIN COMPANY
120 MAPLE
SOUTH SAN FRANCISCO, CA 94080
Site 6 of 7 in cluster BF

LUST **S101303291**
Cortese **N/A**
HIST CORTESE
CERS

Relative:
Higher

Actual:
22 ft.

LUST:

Name:	CARLIN CO
Address:	120 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100105
Global Id:	T0608100105
Latitude:	37.64938
Longitude:	-122.415303
Status:	Completed - Case Closed
Status Date:	06/27/2001
Case Worker:	JM
RB Case Number:	41-0111
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse

CARLIN COMPANY (Continued) **S101303291**

Local Case Number: 550092
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100105
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100105
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100105
Action Type: Other
Date: 03/10/1992
Action: Leak Discovery

Global Id: T0608100105
Action Type: ENFORCEMENT
Date: 03/13/1992
Action: Notice of Responsibility - #1

Global Id: T0608100105
Action Type: Other
Date: 03/10/1992
Action: Leak Reported

Global Id: T0608100105
Action Type: REMEDIATION
Date: 10/13/1992
Action: Excavation

LUST:
Global Id: T0608100105
Status: Open - Case Begin Date
Status Date: 03/10/1992

Global Id: T0608100105
Status: Completed - Case Closed
Status Date: 06/27/2001

CORTESE:

CARLIN COMPANY (Continued) **S101303291**

Name:	CARLIN CO
Address:	120 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100105
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CARLIN COMPANY
edr_fadd1:	120 MAPLE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0111

CERS:

Name:	CARLIN CO
Address:	120 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	188816
CERS ID:	T0608100105
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400

CARLIN COMPANY (Continued) **S101303291**

Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

BF515 **CARLIN CO** **LUST** **S104494253**
NW **120 S MAPLE** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080**
0.378 mi.
1995 ft. **Site 7 of 7 in cluster BF**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:
Name: CARLIN CO
Address: 120 S MAPLE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550092
Facility Status: 9- Case Closed
Global ID: T0608100105
APN Number: 014091030
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

SWEEPS UST:
Name: CARLIN CO
Address: 120 S MAPLE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550195
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550195-000001
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

Name: CARLIN CO
Address: 120 S MAPLE
City: S SAN FRANCISCO
Status: Active
Comp Number: 550195
Number: 1
Board Of Equalization: Not reported
Referral Date: 02-03-94
Action Date: 02-03-94
Created Date: 07-08-92
Owner Tank Id: Not reported

CARLIN CO (Continued) **S104494253**

SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

BJ516 **MALASPINA PROPERTY** **LUST** **S116680386**
WSW **30 TANFORAN AVE** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA**
0.381 mi.
2010 ft. **Site 1 of 3 in cluster BJ**

Relative:
Higher

Actual:
30 ft.

SAN MATEO CO. LUST:

Name:	MALASPINA PROPERTY
Address:	30 TANFORAN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	559213
Facility Status:	9- Case Closed
Global ID:	T10000005669
APN Number:	014250090
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

BJ517 **MALASPINA PROPERTY (UST)** **LUST** **S117397526**
WSW **30 TANFORAN AVENUE** **San Mateo Co. BI** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **Cortese**
0.381 mi. **CERS**
2010 ft. **Site 2 of 3 in cluster BJ**

Relative:
Higher

Actual:
30 ft.

SAN MATEO CO. LUST:

Name:	MALASPINA PROPERTY (UST)
Address:	30 TANFORAN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550218
Facility Status:	9- Case Closed
Global ID:	T10000006543
APN Number:	014250090
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	MALASPINA PROPERTY (UST)
Address:	30 TANFORAN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000006543
Global Id:	T10000006543
Latitude:	37.640689
Longitude:	-122.416322
Status:	Completed - Case Closed

MALASPINA PROPERTY (UST) (Continued) **S117397526**

Status Date: 12/04/2017
Case Worker: JM
RB Case Number: Not reported
Local Agency: SAN MATEO COUNTY LOP
File Location: Not reported
Local Case Number: 550218
Potential Media Affect: Not reported
Potential Contaminants of Concern: Gasoline
Site History: Case opened 3/11/2015

LUST:
Global Id: T10000006543
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T10000006543
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T10000006543
Action Type: ENFORCEMENT
Date: 12/04/2017
Action: Letter - Notice

Global Id: T10000006543
Action Type: ENFORCEMENT
Date: 09/01/2017
Action: Notification - Public Notice of Case Closure - #20170901

Global Id: T10000006543
Action Type: Other
Date: 12/17/2014
Action: Leak Reported

Global Id: T10000006543
Action Type: ENFORCEMENT
Date: 12/16/2016
Action: Staff Letter - #20161216

Global Id: T10000006543
Action Type: RESPONSE
Date: 04/17/2015
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000006543
Action Type: RESPONSE

MALASPINA PROPERTY (UST) (Continued) **S117397526**

Date: 10/12/2017
Action: Other Workplan - Regulator Responded

Global Id: T10000006543
Action Type: RESPONSE
Date: 04/07/2017
Action: Site Assessment Report - Regulator Responded

Global Id: T10000006543
Action Type: ENFORCEMENT
Date: 03/11/2015
Action: Staff Letter - #20150311

Global Id: T10000006543
Action Type: ENFORCEMENT
Date: 09/30/2015
Action: Notice of Violation - #2015/09/30

Global Id: T10000006543
Action Type: ENFORCEMENT
Date: 05/04/2016
Action: Notice of Violation - #20160504

Global Id: T10000006543
Action Type: ENFORCEMENT
Date: 11/03/2017
Action: Staff Letter - #20171103

Global Id: T10000006543
Action Type: ENFORCEMENT
Date: 12/04/2017
Action: Closure/No Further Action Letter - #20171204

Global Id: T10000006543
Action Type: Other
Date: 01/18/2014
Action: Leak Discovery

LUST:
Global Id: T10000006543
Status: Open - Case Begin Date
Status Date: 01/18/2014

Global Id: T10000006543
Status: Open - Site Assessment
Status Date: 03/11/2015

Global Id: T10000006543
Status: Open - Eligible for Closure
Status Date: 09/01/2017

Global Id: T10000006543
Status: Completed - Case Closed
Status Date: 12/04/2017

MALASPINA PROPERTY (UST) (Continued) **S117397526**

San Mateo Co. BI:

Name:	ALL WEST CONTAINERS CORP
Address:	30 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0012727
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011732
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	ALL WEST CONTAINERS CORP
Address:	30 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0012727
Prog Element Code:	STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id:	PR0004510
Description:	STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	UST SITE
Address:	30 TANFORAN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0056771
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0078775
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

CORTESE:

Name:	MALASPINA PROPERTY (UST)
Address:	30 TANFORAN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T10000006543
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported

MALASPINA PROPERTY (UST) (Continued) **S117397526**

Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: MALASPINA PROPERTY (UST)
Address: 30 TANFORAN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 275390
CERS ID: T10000006543
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BJ518 **MALASPINA PROPERTY** **CPS-SLIC** **S113755848**
WSW **30 TANFORAN AVENUE** **CERS** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.381 mi.
2010 ft. **Site 3 of 3 in cluster BJ**

Relative:
Higher

Actual:
30 ft.

CPS-SLIC:
Name: MALASPINA PROPERTY
Address: 30 TANFORAN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 12/04/2017
Global Id: T10000005669
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 559213
Latitude: 37.640689
Longitude: -122.416322
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply, Soil

MALASPINA PROPERTY (Continued) **S113755848**

Potential Contaminants of Concern: Dichloroethane (DCA), Nickel, Benzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History: Site opened 2/19/2014

Click here to access the California GeoTracker records for this facility:

CERS:
Name: MALASPINA PROPERTY
Address: 30 TANFORAN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 225147
CERS ID: T10000005669
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BH519 **ARTHUR BUZZ HASKINS** **LUST** **S112960850**
NW **114 SO MAPLE AVE** **HIST UST** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HAZNET**
0.387 mi. **HWTS**
2043 ft. **Site 3 of 5 in cluster BH**

Relative: Higher
Actual: 22 ft.

SAN MATEO CO. LUST:
Name: R.E.H. PROPERTIES
Address: 114 S MAPLE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550109
Facility Status: 5R- Remediation Plan
Global ID: T0608100646
APN Number: 014091020
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HIST UST:
Name: ARTHUR BUZZ HASKINS
Address: 114 SO MAPLE AVE

ARTHUR BUZZ HASKINS (Continued) **S112960850**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002BBCE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BBCE.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	REH PROPERTY
Address:	114 S MAPLE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact:	ANTHONY MCINCYRE
Telephone:	6502220339
Mailing Name:	Not reported
Mailing Address:	114 S MAPLE AVE
Year:	2007
Gepaid:	CAC002615741
TSD EPA ID:	NVD980895338
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.209

Additional Info:

Year:	2007
Gen EPA ID:	CAC002615741
Shipment Date:	20070420
Creation Date:	12/10/2007 18:30:41
Receipt Date:	20070426
Manifest ID:	001951785JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC

ARTHUR BUZZ HASKINS (Continued) **S112960850**

TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	REH PROPERTY
Address:	114 S MAPLE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAC002615741
Inactive Date:	10/17/2007
Create Date:	04/19/2007
Last Act Date:	11/21/2007
Mailing Name:	Not reported
Mailing Address:	114 S MAPLE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	RICHARD HASKINS
Owner Address:	114 S MAPLE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Name:	ANTHONY MCINCYRE
Contact Address:	262 MICHELLE CT
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806201

BH520 **DOUBLE O SITE SERVICES** **SWF/LF** **S126984350**
NW **114 SOUTH MAPLE** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.387 mi.
2043 ft. **Site 4 of 5 in cluster BH**

Relative:
Higher

Actual:
22 ft.

SWF/LF (SWIS):

Name:	DOUBLE O SITE SERVICES
Address:	114 SOUTH MAPLE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility ID:	41-AA-0195
SWIS Number:	41-AA-0195
Point of Contact:	Kelsey Orr
Is Archived:	Yes
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No

DOUBLE O SITE SERVICES (Continued) **S126984350**

Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	South San Francisco
Reporting Agency Legal Name:	County of San Mateo
Reporting Agency Department:	Health Department, Environmental Health Services Division
Enforcing Agency Legal Name:	County of San Mateo
Enforcing Agency Department:	Health Department, Environmental Health Services Division
Regulation Status:	Notification

Operator:

SWIS Number:	41-AA-0195
Site Name:	Double O Site Services
Site Operational Status:	Closed
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	37.6494
Longitude:	-122.4157
Is Archived:	Yes
Operator:	Double O Site Services
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	doubleositeservices@gamail.com
Contact Phone:	(650) 952-0751
Street Address:	Kevin Olivero 1051 26th St.
Operator City:	San Francisco
Operator State:	CA
Operator Zip:	94107

Owner:

SWIS Number:	41-AA-0195
Owner:	Richard Haskins
Owner Address:	114 South Maple
Owner City:	South San Francisco
Owner State:	CA
Owner Zip:	94080
Site Name:	Double O Site Services
Site Operational Status:	Closed
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	37.6494
Longitude:	-122.4157
Is Archived:	Yes
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(650) 952-0751

Waste:

SWIS Number:	41-AA-0195
Site Name:	Double O Site Services

DOUBLE O SITE SERVICES (Continued) **S126984350**

Activity:	Small Volume CDI Debris Processing Operation
Waste Type:	Construction/demolition
Site Is Archived:	Yes
Site Operational Status:	Closed
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Kelsey Orr
Activity Is Archived:	Yes
Activity Operational Status:	Closed
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation

SWIS Number:	41-AA-0195
Site Name:	Double O Site Services
Activity:	Small Volume CDI Debris Processing Operation
Waste Type:	Green Materials
Site Is Archived:	Yes
Site Operational Status:	Closed
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Kelsey Orr
Activity Is Archived:	Yes
Activity Operational Status:	Closed
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation

SWIS Number:	41-AA-0195
Site Name:	Double O Site Services
Activity:	Small Volume CDI Debris Processing Operation
Waste Type:	Inert
Site Is Archived:	Yes
Site Operational Status:	Closed
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Kelsey Orr
Activity Is Archived:	Yes
Activity Operational Status:	Closed
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation

SWIS Number:	41-AA-0195
Site Name:	Double O Site Services
Activity:	Small Volume CDI Debris Processing Operation
Waste Type:	Wood waste
Site Is Archived:	Yes
Site Operational Status:	Closed
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Kelsey Orr
Activity Is Archived:	Yes
Activity Operational Status:	Closed
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation

BH521 **R.E.H. PROPERTIES** **LUST** **S102628257**
NW **114 MAPLE** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.387 mi. **HIST CORTESE**
2043 ft. **Site 5 of 5 in cluster BH** **CERS**

Relative:
Higher

Actual:
22 ft.

LUST:

Name:	R.E.H. PROPERTIES
Address:	114 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100646
Global Id:	T0608100646
Latitude:	37.6496749901864
Longitude:	-122.41506466634
Status:	Open - Eligible for Closure
Status Date:	04/30/2020
Case Worker:	JM
RB Case Number:	41-0680
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Not reported
Local Case Number:	550109
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T0608100646
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100646
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100646
Action Type:	ENFORCEMENT
Date:	05/18/2011
Action:	Staff Letter - #20110518

Global Id:	T0608100646
Action Type:	ENFORCEMENT
Date:	05/13/2014
Action:	Notice of Violation - #20140513

R.E.H. PROPERTIES (Continued) **S102628257**

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 10/17/2018
Action: Email Correspondence - #20181017

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 04/30/2020
Action: Staff Letter

Global Id: T0608100646
Action Type: Other
Date: 01/12/1993
Action: Leak Discovery

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/26/2009
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/12/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 02/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 12/01/2005
Action: Staff Letter - #20051201

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 06/13/2006
Action: Warning Letter - #20060613

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 03/24/2008
Action: Staff Letter - #20080324

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 08/10/2005
Action: Staff Letter - #20050810

Global Id: T0608100646
Action Type: ENFORCEMENT

R.E.H. PROPERTIES (Continued) **S102628257**

Date: 01/22/2003
Action: Staff Letter - #20030122A

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 09/09/2003
Action: Staff Letter - #20030909B

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 01/12/1993
Action: Notice of Responsibility - #19930112

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 04/16/2003
Action: Notice of Violation - #20030416

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 08/30/2004
Action: Notice of Violation - #20040830

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 08/15/2006
Action: Notice of Violation - #20060815

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 05/27/2005
Action: Staff Letter - #20050527

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 01/12/2005
Action: Staff Letter - #20050112

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 12/05/2006
Action: Staff Letter - #20061205

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 06/17/2002
Action: Staff Letter - #20020617

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 04/04/2002
Action: Staff Letter - #20020404

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 09/09/2003
Action: Staff Letter - #20030909

R.E.H. PROPERTIES (Continued) **S102628257**

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 01/22/2003
Action: Staff Letter - #20030122B

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 11/12/2008
Action: Staff Letter - #20081112

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 05/12/2009
Action: Staff Letter - #20090512

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 01/22/2013
Action: Staff Letter - #20130122

Global Id: T0608100646
Action Type: Other
Date: 08/13/1987
Action: Leak Reported

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/04/2003
Action: NPDES / WDR Reports

Global Id: T0608100646
Action Type: RESPONSE
Date: 06/02/2003
Action: Soil and Water Investigation Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/04/2003
Action: Electronic Reporting Submittal Due

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE

R.E.H. PROPERTIES (Continued) **S102628257**

Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/04/2003
Action: Soil and Water Investigation Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 02/28/2004
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/06/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608100646
Action Type: RESPONSE
Date: 09/16/2005
Action: Soil and Water Investigation Report

R.E.H. PROPERTIES (Continued) **S102628257**

Global Id: T0608100646
Action Type: RESPONSE
Date: 09/17/2007
Action: Risk Assessment Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 06/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 07/11/2008
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100646
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 09/18/2015
Action: Well Destruction Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 04/15/2011
Action: Other Workplan - Regulator Responded

Global Id: T0608100646
Action Type: RESPONSE
Date: 09/02/2011
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0608100646
Action Type: RESPONSE
Date: 01/20/2012
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/15/2015
Action: Risk Assessment Report - Regulator Responded

Global Id: T0608100646
Action Type: RESPONSE

R.E.H. PROPERTIES (Continued) **S102628257**

Date: 06/10/2015
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0608100646
Action Type: RESPONSE
Date: 08/02/2019
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0608100646
Action Type: RESPONSE
Date: 07/16/2018
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0608100646
Action Type: RESPONSE
Date: 09/20/2019
Action: Correspondence - Regulator Responded

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2019
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0608100646
Action Type: RESPONSE
Date: 02/15/2018
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0608100646
Action Type: REMEDIATION
Date: 09/30/2004
Action: Excavation

Global Id: T0608100646
Action Type: REMEDIATION
Date: 06/29/2009
Action: Excavation

Global Id: T0608100646
Action Type: REMEDIATION
Date: 04/15/2009
Action: Excavation

Global Id: T0608100646
Action Type: REMEDIATION
Date: 06/24/2014
Action: Excavation

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 12/08/2010
Action: Staff Letter - #20101208

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 06/25/2015
Action: Staff Letter - #20150625

R.E.H. PROPERTIES (Continued) **S102628257**

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 08/03/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 08/06/2020
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 08/21/2019
Action: Staff Letter

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 08/18/2021
Action: Notification - Preclosure

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 10/06/2020
Action: Staff Letter

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 06/28/2013
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 02/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 06/25/2021
Action: Other Report / Document

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 09/22/2011
Action: Staff Letter - #20110922

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 04/10/2015
Action: Staff Letter - #20150410

Global Id: T0608100646
Action Type: ENFORCEMENT

R.E.H. PROPERTIES (Continued) **S102628257**

Date: 01/07/2016
Action: Staff Letter - #20160117

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 04/10/2018
Action: Staff Letter - #20180410

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 08/28/2018
Action: Staff Letter

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 07/24/2019
Action: Staff Letter

Global Id: T0608100646
Action Type: Other
Date: 11/01/1999
Action: Leak Stopped

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/25/2009
Action: Remedial Progress Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 04/13/2009
Action: Remedial Progress Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/28/2010
Action: Site Assessment Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 08/15/2012
Action: Monitoring Report - Semi-Annually

R.E.H. PROPERTIES (Continued) **S102628257**

Global Id: T0608100646
Action Type: RESPONSE
Date: 08/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 08/22/2012
Action: Staff Letter - #20120822

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 12/05/2018
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100646
Action Type: RESPONSE
Date: 12/24/2009
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608100646
Action Type: RESPONSE
Date: 08/30/2004
Action: Remedial Progress Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100646
Action Type: RESPONSE
Date: 03/26/2006
Action: Interim Remedial Action Report

Global Id: T0608100646
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 02/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE

R.E.H. PROPERTIES (Continued) **S102628257**

Date: 05/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: RESPONSE
Date: 05/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Staff Letter - #20090715

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 09/30/2009
Action: Staff Letter - #20090930

Global Id: T0608100646
Action Type: ENFORCEMENT
Date: 12/17/2009
Action: Staff Letter - #20091217

LUST:
Global Id: T0608100646
Status: Open - Case Begin Date
Status Date: 08/13/1987

Global Id: T0608100646
Status: Open - Site Assessment
Status Date: 08/13/1987

Global Id: T0608100646
Status: Open - Remediation
Status Date: 01/12/2005

Global Id: T0608100646
Status: Open - Verification Monitoring
Status Date: 04/03/2015

Global Id: T0608100646
Status: Open - Eligible for Closure
Status Date: 04/30/2020

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Remediation Plan
Case Number: 550109
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported

R.E.H. PROPERTIES (Continued) **S102628257**

Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: 9/9/2003
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:

Name: A & R EQUIPMENT
Address: 114 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017787
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011593
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: A & R EQUIPMENT
Address: 114 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017787
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022661
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: A & R EQUIPMENT
Address: 114 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017787
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0023302
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: FREMOUW ENVIRONMENTAL SVCS INC
Address: 114 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0048202
Prog Element Code: 2352
Record Id: PR0066025
Description: TIER I: TANK STOR CAP =>1,320 & <5,000 GAL
Facility Status: Inactive, non-billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: FREMOUW ENVIRONMENTAL SVCS INC
Address: 114 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0048202
Prog Element Code: STORES MV FUELS OR WASTE ONLY

R.E.H. PROPERTIES (Continued) **S102628257**

Record Id: PR0070976
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: R.E.H. PROPERTIES
Address: 114 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100646
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: REH PROPERTIES
edr_fadd1: 114 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0680

CERS:
Name: R.E.H. PROPERTIES
Address: 114 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 243968
CERS ID: T0608100646
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported

R.E.H. PROPERTIES (Continued) **S102628257**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BK522 **LUCCA PACKING CORPORATION** **LUST** **S104161809**
East **360 HARBOR** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.401 mi. **CERS**
2118 ft. **Site 1 of 2 in cluster BK**

Relative: **Lower**
Actual: **18 ft.**

SAN MATEO CO. LUST:
Name: LUCCA PACKING CORP.
Address: 360 HARBOR WY
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550050
Facility Status: 9- Case Closed
Global ID: T0608100313
APN Number: 015143080
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: LUCCA PACKING CORP.
Address: 360 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100313
Global Id: T0608100313
Latitude: 37.643724
Longitude: -122.399295
Status: Completed - Case Closed
Status Date: 08/16/2001
Case Worker: JM
RB Case Number: 41-0328
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550050
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0608100313
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

LUCCA PACKING CORPORATION (Continued) **S104161809**

Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100313
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100313
Action Type: Other
Date: 06/15/1990
Action: Leak Discovery

Global Id: T0608100313
Action Type: ENFORCEMENT
Date: 06/05/1990
Action: Notice of Responsibility - #1

Global Id: T0608100313
Action Type: Other
Date: 11/15/1989
Action: Leak Reported

Global Id: T0608100313
Action Type: REMEDIATION
Date: 09/01/1993
Action: Excavation

Global Id: T0608100313
Action Type: REMEDIATION
Date: 09/01/1993
Action: Pump & Treat (P&T) Groundwater

LUST:
Global Id: T0608100313
Status: Open - Case Begin Date
Status Date: 11/15/1989

Global Id: T0608100313
Status: Completed - Case Closed
Status Date: 08/16/2001

CORTESE:
Name: LUCCA PACKING CORP.
Address: 360 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported

LUCCA PACKING CORPORATION (Continued) **S104161809**

Global ID:	T0608100313
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	LUCCA PACKING CORPORATION
edr_fadd1:	360 HARBOR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0328

CERS:

Name:	LUCCA PACKING CORP.
Address:	360 HARBOR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	235919
CERS ID:	T0608100313
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BK523 **LUCCA PACKING** **LUST** **S105033249**
East **360 HARBOR** **San Mateo Co. BI** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.401 mi.
2118 ft. **Site 2 of 2 in cluster BK**

Relative: **Lower**
Actual: **18 ft.**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550050
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	LUCCA PACKING
Address:	360 HARBOR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017698
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022593
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

BL524 **THE PROPERTY** **LUST** **S103177253**
WNW **405 VICTORY** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080**
0.404 mi.
2134 ft. **Site 1 of 2 in cluster BL**

Relative: **Higher**
Actual: **22 ft.**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550041
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

THE PROPERTY (Continued) **S103177253**

San Mateo Co. BI:

Name:	405 VICTORY PARTNERS
Address:	405 VICTORY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0023039
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0026094
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	QUALITY MOBILE TRUCK SVC
Address:	405 VICTORY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0015250
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0011771
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	TOWNE AIR FREIGHT
Address:	405 VICTORY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0045437
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0059380
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	YUSEN LOGISTICS (AMERICAS) INC.
Address:	405 VICTORY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0045441
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0059394
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	YUSEN LOGISTICS (AMERICAS) INC.
Address:	405 VICTORY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0045441
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0059393
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

BL525 **THE PROPERTY** **LUST** **S101308816**
WNW **405 VICTORY** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.404 mi. **CERS**
2134 ft. **Site 2 of 2 in cluster BL**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:

Name:	THE PROPERTY
Address:	405 VICTORY AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550041
Facility Status:	9- Case Closed
Global ID:	T0608100517
APN Number:	014201010
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	THE PROPERTY
Address:	405 VICTORY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100517
Global Id:	T0608100517
Latitude:	37.646226
Longitude:	-122.416517
Status:	Completed - Case Closed
Status Date:	11/21/2000
Case Worker:	JM
RB Case Number:	41-0541
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550041
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100517
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100517
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

THE PROPERTY (Continued) **S101308816**

LUST:
Global Id: T0608100517
Action Type: Other
Date: 08/23/1988
Action: Leak Discovery

Global Id: T0608100517
Action Type: ENFORCEMENT
Date: 09/22/1989
Action: Notice of Responsibility - #1

Global Id: T0608100517
Action Type: Other
Date: 08/23/1988
Action: Leak Reported

Global Id: T0608100517
Action Type: REMEDIATION
Date: 01/07/1992
Action: Free Product Removal

Global Id: T0608100517
Action Type: ENFORCEMENT
Date: 11/21/2000
Action: Technical Correspondence / Assistance / Other

LUST:
Global Id: T0608100517
Status: Open - Case Begin Date
Status Date: 08/23/1988

Global Id: T0608100517
Status: Completed - Case Closed
Status Date: 11/21/2000

CORTESE:
Name: THE PROPERTY
Address: 405 VICTORY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100517
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported

THE PROPERTY (Continued) **S101308816**

Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: PROPERTY
edr_fadd1: 405 VICTORY
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0541

CERS:
Name: THE PROPERTY
Address: 405 VICTORY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 192119
CERS ID: T0608100517
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BM526 **PELLEGRINI BROS WINES INC** **LUST** **S102439775**
West **272 MAPLE** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.408 mi. **HIST CORTESE**
2156 ft. **Site 1 of 3 in cluster BM** **CERS**

Relative:
Higher

Actual:
26 ft.

LUST:
Name: PELLEGRINI BROS WINES INC
Address: 272 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100884
Global Id:	T0608100884
Latitude:	37.644383012
Longitude:	-122.417121
Status:	Completed - Case Closed
Status Date:	04/22/2015
Case Worker:	JM
RB Case Number:	41-0964
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Not reported
Local Case Number:	550144
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T0608100884
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100884
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100884
Action Type:	ENFORCEMENT
Date:	03/24/2011
Action:	Staff Letter - #20110324

Global Id:	T0608100884
Action Type:	ENFORCEMENT
Date:	04/03/2013
Action:	Staff Letter - #20130403

Global Id:	T0608100884
Action Type:	ENFORCEMENT
Date:	10/08/2013
Action:	Notification - Public Notice of Case Closure - #20131008

Global Id:	T0608100884
Action Type:	ENFORCEMENT
Date:	04/28/2015
Action:	Letter - Notice - #2010428

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 02/27/2014
Action: Staff Letter - #20140227

Global Id: T0608100884
Action Type: Other
Date: 08/29/1995
Action: Leak Discovery

Global Id: T0608100884
Action Type: RESPONSE
Date: 12/23/2008
Action: Other Report / Document

Global Id: T0608100884
Action Type: RESPONSE
Date: 05/13/2006
Action: Electronic Reporting Submittal Due

Global Id: T0608100884
Action Type: RESPONSE
Date: 06/08/2003
Action: Well Installation Report

Global Id: T0608100884
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 10/30/2007
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100884
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 05/30/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100884
Action Type: RESPONSE
Date: 07/03/2008
Action: Other Workplan

Global Id: T0608100884
Action Type: RESPONSE

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 10/27/2003
Action: Electronic Reporting Submittal Due

Global Id: T0608100884
Action Type: RESPONSE
Date: 10/27/2003
Action: Other Report / Document

Global Id: T0608100884
Action Type: RESPONSE
Date: 01/01/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608100884
Action Type: RESPONSE
Date: 06/15/2004
Action: Soil and Water Investigation Report

Global Id: T0608100884
Action Type: RESPONSE
Date: 07/26/2005
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100884
Action Type: RESPONSE
Date: 03/06/2006
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100884
Action Type: RESPONSE
Date: 10/01/2006
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100884
Action Type: RESPONSE
Date: 04/01/2011
Action: Other Workplan

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Global Id: T0608100884
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100884
Action Type: RESPONSE
Date: 08/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100884
Action Type: RESPONSE
Date: 12/11/2013
Action: Site Assessment Report

Global Id: T0608100884
Action Type: RESPONSE
Date: 06/13/2014
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 04/29/2005
Action: Staff Letter - #20050429

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 04/13/2006
Action: Staff Letter - #20060413

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 09/25/2003
Action: Staff Letter - #20030925A

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 04/30/2007
Action: Staff Letter - #20070430B

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 02/11/2003
Action: Staff Letter - #20030211B

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 02/10/2004
Action: Staff Letter - #20040210

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 10/23/2003
Action: Staff Letter - #20031023

Global Id: T0608100884
Action Type: ENFORCEMENT

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Date: 10/06/1995
Action: Notice of Responsibility - #1

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 04/13/2006
Action: Staff Letter - #20060413

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 12/14/2005
Action: Staff Letter - #20051214

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 03/14/2008
Action: Staff Letter - #20080314

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 04/30/2007
Action: Staff Letter - #20070430

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: Staff Letter - #20080610B

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: Staff Letter - #20080610A

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 09/25/2003
Action: Staff Letter - #20030925B

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 02/11/2003
Action: Staff Letter - #20030211A

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Staff Letter - #20090715

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 05/12/2009
Action: Staff Letter - #20090512

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 03/10/2010
Action: Staff Letter - #20100310

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Global Id: T0608100884
Action Type: Other
Date: 08/29/1995
Action: Leak Reported

Global Id: T0608100884
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 05/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Date: 04/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608100884
Action Type: RESPONSE
Date: 09/02/2011
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0608100884
Action Type: RESPONSE
Date: 01/15/2014
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608100884
Action Type: RESPONSE
Date: 02/15/2015
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0608100884
Action Type: REMEDIATION
Date: 11/03/1999
Action: Excavation

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 04/22/2015
Action: Closure/No Further Action Letter - #20150422

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 01/15/2015
Action: Staff Letter - #20150115

Global Id: T0608100884
Action Type: RESPONSE
Date: 04/02/2008
Action: Correspondence

Global Id: T0608100884
Action Type: RESPONSE
Date: 09/17/2015
Action: Correspondence

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 12/11/2013
Action: Staff Letter - #20131211

Global Id: T0608100884
Action Type: RESPONSE
Date: 02/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100884
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Global Id: T0608100884
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 08/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100884
Action Type: RESPONSE
Date: 04/02/2008
Action: Other Report / Document

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 12/09/2010
Action: Notice of Violation - #20101209

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 09/29/2011
Action: Staff Letter - #20110929

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 04/27/2011
Action: Staff Letter - #20110427

Global Id: T0608100884
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE
Date: 02/27/2009
Action: Soil and Water Investigation Report

Global Id: T0608100884
Action Type: RESPONSE
Date: 06/30/2011
Action: Site Assessment Report

Global Id: T0608100884
Action Type: RESPONSE
Date: 02/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100884
Action Type: RESPONSE

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Date: 02/15/2012
Action: Remedial Progress Report

Global Id: T0608100884
Action Type: RESPONSE
Date: 07/24/2015
Action: Well Destruction Report

Global Id: T0608100884
Action Type: ENFORCEMENT
Date: 08/18/2009
Action: Staff Letter - #20090818

LUST:
Global Id: T0608100884
Status: Open - Case Begin Date
Status Date: 08/29/1995

Global Id: T0608100884
Status: Open - Site Assessment
Status Date: 08/29/1995

Global Id: T0608100884
Status: Open - Remediation
Status Date: 02/10/2004

Global Id: T0608100884
Status: Open - Eligible for Closure
Status Date: 06/18/2013

Global Id: T0608100884
Status: Open - Verification Monitoring
Status Date: 02/27/2014

Global Id: T0608100884
Status: Open - Eligible for Closure
Status Date: 01/15/2015

Global Id: T0608100884
Status: Completed - Case Closed
Status Date: 04/22/2015

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Remediation Plan
Case Number: 550144
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965

PELLEGRINI BROS WINES INC (Continued) **S102439775**

Pollution Remediation Plan Submitted: 2/10/2004
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: PELLEGRINI BROS WINES INC
Address: 272 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017687
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023590
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: PELLEGRINI BROS WINES INC
Address: 272 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017687
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022587
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

CORTESE:
Name: PELLEGRINI BROS WINES INC
Address: 272 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100884
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: PELLIGRINI BROS WINES INC
edr_fadd1: 272 MAPLE

PELLEGRINI BROS WINES INC (Continued) **S102439775**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0964

CERS:
Name: PELLEGRINI BROS WINES INC
Address: 272 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 201954
CERS ID: T0608100884
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BM527 **PELLEGRINI BROS WINES INC** **LUST S112943298**
West **272 SO MAPLE AVE** **HIST UST N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.408 mi.
2156 ft. **Site 2 of 3 in cluster BM**

Relative:
Higher

Actual:
26 ft.

SAN MATEO CO. LUST:
Name: PELLEGRINI BROS WINES INC
Address: 272 S MAPLE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550144
Facility Status: 9- Case Closed
Global ID: T0608100884
APN Number: 014231010
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HIST UST:
Name: PELLEGRINI BROS WINES INC
Address: 272 SO MAPLE AVE

PELLEGRINI BROS WINES INC (Continued) **S112943298**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002C161
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C161.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

BN528 **1089 MONTGOMERY AVE SAN BRUNO** **ENVIROSTOR** **S118353727**
SSW **1089 MONTGOMERY AVENUE** **N/A**
1/4-1/2 **SAN BRUNO, CA 94066**
0.411 mi.
2172 ft. **Site 1 of 3 in cluster BN**

Relative: **Higher**

Actual: **26 ft.**

ENVIROSTOR:

Name:	1089 MONTGOMERY AVE SAN BRUNO
Address:	1089 MONTGOMERY AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Facility ID:	60002242
Status:	Inactive - Needs Evaluation
Status Date:	10/02/2018
Site Code:	202362
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Arthur Machado
Supervisor:	Julie Pettijohn
Division Branch:	Cleanup Berkeley
Assembly:	, 22
Senate:	13
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	37.63685
Longitude:	-122.4126
APN:	NONE SPECIFIED
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER, UNKNOWN

1089 MONTGOMERY AVE SAN BRUNO (Continued) **S118353727**

Potential COC: Under Investigation
Confirmed COC: 31001-NO
Potential Description: SOIL
Alias Name: 202362
Alias Type: Project Code (Site Code)
Alias Name: 60002242
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/03/2015
Comments: DTSC's Site Screening for the property at 1089 Montgomery Avenue, San Bruno, CA

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Site Screening
Schedule Due Date: 09/15/2021
Schedule Revised Date: Not reported

BO529 **SLAKEY BROTHERS 26** **LUST** **S109117807**
NE **162 HARRIS** **San Mateo Co. BI** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.416 mi.
2197 ft. **Site 1 of 3 in cluster BO**

Relative:
Lower

Actual:
17 ft.

SAN MATEO CO. LUST:
Name: TROYER AUTO MATIC DOORS, INC
Address: 162 W HARRIS AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550199
Facility Status: 9- Case Closed
Global ID: T0608151779
APN Number: 015123380
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

San Mateo Co. BI:
Name: SLAKEY BROTHERS 26
Address: 162 HARRIS
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0059077
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0081797
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

BO530 **TROYER AUTOMATIC DOORS, INC** **LUST** **S109285791**
NE **162 WEST HARRIS AVENUE** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.416 mi.
2197 ft. **Site 2 of 3 in cluster BO**

Relative:
Lower

Actual:
17 ft.

LUST:

Name:	TROYER AUTOMATIC DOORS, INC
Address:	162 WEST HARRIS AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608151779
Global Id:	T0608151779
Latitude:	37.6503252108887
Longitude:	-122.401236444712
Status:	Completed - Case Closed
Status Date:	07/18/2012
Case Worker:	JM
RB Case Number:	Not reported
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550199
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T0608151779
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608151779
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608151779
Action Type:	ENFORCEMENT
Date:	06/08/2010
Action:	Staff Letter - #20100608

Global Id:	T0608151779
Action Type:	Other
Date:	04/03/2008
Action:	Leak Discovery

TROYER AUTOMATIC DOORS, INC (Continued) **S109285791**

Global Id: T0608151779
Action Type: RESPONSE
Date: 08/14/2009
Action: Preliminary Site Assessment Report

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 09/17/2008
Action: Staff Letter - #20080917

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 03/03/2009
Action: Notice of Responsibility - #20090303

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 03/19/2009
Action: Staff Letter - #20090319

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Staff Letter - #20090714

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 07/24/2012
Action: Letter - Notice - #20120724

Global Id: T0608151779
Action Type: Other
Date: 04/10/2008
Action: Leak Reported

Global Id: T0608151779
Action Type: RESPONSE
Date: 01/28/2011
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 01/05/2012
Action: Staff Letter - #20120105

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 10/27/2011
Action: Notification - Fee Title Owners Notice - #20111027

Global Id: T0608151779
Action Type: RESPONSE
Date: 09/24/2010
Action: Other Workplan

Global Id: T0608151779
Action Type: ENFORCEMENT

TROYER AUTOMATIC DOORS, INC (Continued) **S109285791**

Date: 09/22/2010
Action: Staff Letter - #20100922

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 07/18/2012
Action: Closure/No Further Action Letter - #20120718

Global Id: T0608151779
Action Type: RESPONSE
Date: 01/22/2009
Action: Preliminary Site Assessment Workplan

Global Id: T0608151779
Action Type: RESPONSE
Date: 02/28/2010
Action: Soil and Water Investigation Workplan

Global Id: T0608151779
Action Type: RESPONSE
Date: 02/28/2010
Action: Monitoring Report - Quarterly

Global Id: T0608151779
Action Type: RESPONSE
Date: 05/21/2010
Action: Site Assessment Report

Global Id: T0608151779
Action Type: RESPONSE
Date: 06/22/2012
Action: Well Destruction Report

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 09/23/2009
Action: Staff Letter - #20090923

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 09/30/2009
Action: Staff Letter - #20090930

Global Id: T0608151779
Action Type: ENFORCEMENT
Date: 12/09/2009
Action: Staff Letter - #20091209

LUST:
Global Id: T0608151779
Status: Open - Case Begin Date
Status Date: 04/03/2008

Global Id: T0608151779
Status: Open - Site Assessment
Status Date: 04/10/2008

TROYER AUTOMATIC DOORS, INC (Continued) **S109285791**

Global Id: T0608151779
Status: Open - Verification Monitoring
Status Date: 08/31/2011

Global Id: T0608151779
Status: Completed - Case Closed
Status Date: 07/18/2012

CORTESE:
Name: TROYER AUTOMATIC DOORS, INC
Address: 162 WEST HARRIS AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608151779
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: TROYER AUTOMATIC DOORS, INC
Address: 162 WEST HARRIS AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 202460
CERS ID: T0608151779
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported

TROYER AUTOMATIC DOORS, INC (Continued) **S109285791**

Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

BP531 **BARBARA BUTLER ARTIST-BUILDER INC** **CPS-SLIC S124932291**
WSW **325 S MAPLE AVE #37** **HWTS N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.423 mi.
2235 ft. **Site 1 of 4 in cluster BP**

Relative:
Higher

Actual:
28 ft.

CPS-SLIC:

Name:	325 SOUTH MAPLE AVENUE
Address:	325 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	03/24/2020
Global Id:	T10000014210
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	559232
Latitude:	37.64203
Longitude:	-122.41708
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HWTS:

Name:	BARBARA BUTLER ARTIST-BUILDER INC
Address:	325 S MAPLE AVE #37
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAL000446897
Inactive Date:	06/30/2019
Create Date:	06/25/2019
Last Act Date:	08/12/2019
Mailing Name:	BARBARA
Mailing Address:	325 S MAPLE AVE STE 37
Mailing Address 2:	Not reported
Mailing City,State,Zip:	S SAN FRAN, CA 940806318
Owner Name:	BARBARA BUTLER ARTIST-BUILDER INC
Owner Address:	325 S MAPLE AVE STE 37
Owner Address 2:	Not reported
Owner City,State,Zip:	S SAN FRAN, CA 940806318
Contact Name:	BARBARA BUTLER
Contact Address:	325 SOUTH MAPLE AVENUE
Contact Address 2:	UNIT 37

BARBARA BUTLER ARTIST-BUILDER INC (Continued) **S124932291**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

NAICS:

EPA ID:	CAL000446897
Create Date:	2019-06-25 08:24:36.333
NAICS Code:	321992
NAICS Description:	Prefabricated Wood Building Manufacturing
Issued EPA ID Date:	2019-06-25 08:24:36.33300
Inactive Date:	2019-06-30 00:00:00
Facility Name:	BARBARA BUTLER ARTIST-BUILDER INC
Facility Address:	325 S MAPLE AVE #37
Facility Address 2:	Not reported
Facility City:	SOUTH SAN FRANCISCO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

BP532 **POETSCH PETERSON TANNERS** **CPS-SLIC** **S106855442**
WSW **325 SOUTH MAPLE AVE** **CERS** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA**
0.423 mi.
2235 ft. **Site 2 of 4 in cluster BP**

Relative:
Higher

Actual:
28 ft.

CPS-SLIC:

Name:	POETSCH PETERSON TANNERS
Address:	325 SOUTH MAPLE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/01/1970
Global Id:	SLT2O330220
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.642368
Longitude:	-122.416974
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	41S0005
File Location:	Regional Board
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	POETSCH PETERSON TANNERS
Address:	325 SOUTH MAPLE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Site ID:	227329
CERS ID:	SLT2O330220
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

POETSCH PETERSON TANNERS (Continued) **S106855442**

Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

BP533 **POETSCH AND PETERSON TANNERS** **ENVIROSTOR** **S106798271**
WSW **325 SOUTH MAPLE AVENUE** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080**
0.423 mi.
2235 ft. **Site 3 of 4 in cluster BP**

Relative:
Higher

Actual:
28 ft.

ENVIROSTOR:

Name:	POETSCH AND PETERSON TANNERS
Address:	325 SOUTH MAPLE AVENUE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Facility ID:	41310004
Status:	Refer: RWQCB
Status Date:	06/08/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.64202
Longitude:	-122.4170
APN:	014232030
Past Use:	NONE SPECIFIED
Potential COC:	* Metals - Sludge
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	014232030
Alias Type:	APN
Alias Name:	41310004
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	08/01/1980
Comments:	FACILITY IDENTIFIED ACTIVE SITE I.D.'D IND. OF DRIVE BY
Future Area Name:	Not reported

POETSCH AND PETERSON TANNERS (Continued) **S106798271**

Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

BM534 **MARYATT INDUSTRIES** **RCRA-SQG 1000441139**
West **290 S NAPLE AVE** **CPS-SLIC CAD981622939**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST UST**
0.425 mi. **FINDS**
2246 ft. **Site 3 of 3 in cluster BM** **ECHO**
HAZNET
Relative: **CERS**
Higher **HWTS**

Actual:
27 ft.

RCRA-SQG:

Date Form Received by Agency:		19960901
Handler Name:	MARYATT INDUSTRIES	
Handler Address:		290 S NAPLE AVE
Handler City,State,Zip:		SOUTH SAN FRANCISCO, CA 94080
EPA ID:		CAD981622939
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		290 S MAPLE AVE
Mailing City,State,Zip:		S SAN FRANCISCO, CA 94080
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No

MARYATT INDUSTRIES (Continued) **1000441139**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MARYATT INDUSTRIES (Continued) **1000441139**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARYATT INDUSTRIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: MARYATT INDUSTRIES	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19871229
Handler Name: MARYATT INDUSTRIES	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19920229
Handler Name: MARYATT INDUSTRIES	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	812332
NAICS Description:	INDUSTRIAL LAUNDERERS

MARYATT INDUSTRIES (Continued) **1000441139**

Facility Has Received Notices of Violation:
- Found Violation: No
- Agency Which Determined Violation: Not reported
- Violation Short Description: Not reported
- Date Violation was Determined: Not reported
- Actual Return to Compliance Date: Not reported
- Return to Compliance Qualifier: Not reported
- Violation Responsible Agency: Not reported
- Scheduled Compliance Date: Not reported
- Enforcement Identifier: Not reported
- Date of Enforcement Action: Not reported
- Enforcement Responsible Agency: Not reported
- Enforcement Docket Number: Not reported
- Enforcement Attorney: Not reported
- Corrective Action Component: Not reported
- Appeal Initiated Date: Not reported
- Appeal Resolution Date: Not reported
- Disposition Status Date: Not reported
- Disposition Status: Not reported
- Disposition Status Description: Not reported
- Consent/Final Order Sequence Number: Not reported
- Consent/Final Order Respondent Name: Not reported
- Consent/Final Order Lead Agency: Not reported
- Enforcement Type: Not reported
- Enforcement Responsible Person: Not reported
- Enforcement Responsible Sub-Organization: Not reported
- SEP Sequence Number: Not reported
- SEP Expenditure Amount: Not reported
- SEP Scheduled Completion Date: Not reported
- SEP Actual Date: Not reported
- SEP Defaulted Date: Not reported
- SEP Type: Not reported
- SEP Type Description: Not reported
- Proposed Amount: Not reported
- Final Monetary Amount: Not reported
- Paid Amount: Not reported
- Final Count: Not reported
- Final Amount: Not reported

Evaluation Action Summary:
- Evaluation Date: 19910528
- Evaluation Responsible Agency: State Contractor/Grantee
- Found Violation: No
- Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Evaluation Responsible Person Identifier: R9
- Evaluation Responsible Sub-Organization: Not reported
- Actual Return to Compliance Date: Not reported
- Scheduled Compliance Date: Not reported
- Date of Request: Not reported
- Date Response Received: Not reported
- Request Agency: Not reported
- Former Citation: Not reported

CPS-SLIC:
- Name: 290 SOUTH MAPLE (MARYATT)

MARYATT INDUSTRIES (Continued) **1000441139**

Address:	290 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	05/30/2019
Global Id:	SL0608175553
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.64327012
Longitude:	-122.41786
Case Type:	Cleanup Program Site
Case Worker:	RL
Local Agency:	Not reported
RB Case Number:	41S0027
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
Site History:	The Site was developed in 1958 by the American Linen Supply Company which operated a commercial laundry and dry cleaning business there. The dry-cleaning business used tetrachloroethene (PCE) until 1992. Since 1958, wastewater from the laundry operations was discharged to a large solids settling tank located outside the northeastern side of the building, prior to the wastewater being released into the sanitary sewer. Two underground storage tanks (USTs), used for gasoline and diesel were removed in 1987 but petroleum fuels are not the primary chemicals of concern (COCs). The primary chemicals of concern (COC) are volatile organic compounds due to past dry-cleaning operations. Part of the contamination appears to be related to a release at 416 Browning Way (see 41S0175), which is currently undergoing groundwater treatment via injections. Contamination under the site building is being addressed by insitu injections and interim remediation (soil excavation and disposal) occurred previously.

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	MARYATT INDUSTRIES
Address:	290 S MAPLE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000007415
Facility Type:	Other
Other Type:	RENTAL LAUDNRY
Contact Name:	MIKE PERRY
Telephone:	4155894300
Owner Name:	MARYATT INDUSTRIES
Owner Address:	771 VALLEY STREET
Owner City,St,Zip:	SEATTLE, WA 98109
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1969
Tank Capacity:	00007500
Tank Used for:	PRODUCT

MARYATT INDUSTRIES (Continued) **1000441139**

Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 3
Year Installed: 1959
Tank Capacity: 00004500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 003
Container Num: 2
Year Installed: 1959
Tank Capacity: 00002000
Tank Used for: Not reported
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

FINDS:
Registry ID: 110002727434

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000441139
Registry ID: 110002727434
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002727434
Name: MARYATT INDUSTRIES
Address: 290 S NAPLE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

HAZNET:
Name: MARYATT INDUSTRIES
Address: 290 S MAPLE AVE
Address 2: Not reported
City,State,Zip: S SAN FRAN, CA 940806304
Contact: CHARLES MARYATT
Telephone: 6505088018
Mailing Name: Not reported
Mailing Address: 9 LA PAZ LN

Year: 2016

MARYATT INDUSTRIES (Continued) **1000441139**

Gepaid: CAC002728040
TSD EPA ID: NVT330010000
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.44

CERS:
Name: 290 SOUTH MAPLE (MARYATT)
Address: 290 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 254283
CERS ID: SL0608175553
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PHYLLIS FLACK - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: JAIME RICCI - SWRCB
Entity Title: Not reported
Affiliation Address: 801 K Street, 8th Floor
Affiliation City: SACRAMENTO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9163230584,

HWTS:
Name: MARYATT INDUSTRIES
Address: 290 S MAPLE AVE
Address 2: Not reported
City,State,Zip: S SAN FRAN, CA 940806304
EPA ID: CAC002728040
Inactive Date: 07/26/2013
Create Date: 04/26/2013
Last Act Date: 07/27/2013
Mailing Name: Not reported
Mailing Address: 9 LA PAZ LN
Mailing Address 2: Not reported
Mailing City,State,Zip: PALM DESERT, CA 922601627
Owner Name: CHARLES MARYATT
Owner Address: 9 LA PAZ LN
Owner Address 2: Not reported
Owner City,State,Zip: PALM DESERT, CA 922601627
Contact Name: CHARLES MARYATT
Contact Address: 9 LA PAZ LN

MARYATT INDUSTRIES (Continued) **1000441139**

Contact Address 2: Not reported
City,State,Zip: PALM DESERT, CA 922601627

BQ535 **SHELL OIL COMPANY** **Cortese** **S112925161**
ESE **135 N ACCESS RD** **HAZNET** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.426 mi.
2248 ft. **Site 1 of 6 in cluster BQ**

Relative:
Higher

Actual:
22 ft.

CORTESE:

Name:	SHELL (EQUILON) SOUTH SAN FRANCISCO TERMINAL - SLIC
Address:	135 NORTH ACCESS ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	2
WID Id:	2 417085N02
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

HAZNET:

Name:	SHELL OIL COMPANY
Address:	135 N ACCESS RD
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact:	CEASAR UY
Telephone:	6507611424
Mailing Name:	Not reported
Mailing Address:	135 N ACCESS RD
Year:	2002
Gepaid:	CAC002557120
TSD EPA ID:	CAT080033681
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.418

Additional Info:

Year:	2002
Gen EPA ID:	CAC002557120

SHELL OIL COMPANY (Continued) **S112925161**

Shipment Date:	20021004
Creation Date:	2/21/2003 10:16:01
Receipt Date:	20021017
Manifest ID:	21338348
Trans EPA ID:	CAD000603738
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000101600
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	SHELL OIL COMPANY
Address:	135 N ACCESS RD
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
EPA ID:	CAC002557120
Inactive Date:	08/19/2003
Create Date:	10/03/2002
Last Act Date:	08/19/2003
Mailing Name:	Not reported
Mailing Address:	135 N ACCESS RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	CEASAR UY
Owner Address:	135 N ACCESS RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Name:	CEASAR UY
Contact Address:	135 N ACCESS RD
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

BQ536 **SHELL OIL PRODUCTS US SF TERMINAL** **RCRA-SQG 1000288019**
ESE **135 N ACCESS RD** **CPS-SLIC CAD000631440**
1/4-1/2 **SAN FRANCISCO, CA 94080**
0.426 mi.
2248 ft. **Site 2 of 6 in cluster BQ**

Relative:
Higher

Actual:
22 ft.

RCRA-SQG:

Date Form Received by Agency:	20210901
Handler Name:	SHELL OIL PRODUCTS US SF TERMINAL
Handler Address:	135 N ACCESS RD
Handler City,State,Zip:	SAN FRANCISCO, CA 94080

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

EPA ID:	CAD000631440
Contact Name:	PAUL KATZ
Contact Address:	NAVY DRIVE
Contact City,State,Zip:	STOCKTON, CA 95203
Contact Telephone:	360-334-2767
Contact Fax:	Not reported
Contact Email:	PAUL.KATZ@SHELL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	O'TOOLE AVENUE
Mailing City,State,Zip:	SAN JOSE, CA 95131
Owner Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Owner Type:	Private
Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2648
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2648
Owner/Operator Telephone:	713-241-7008
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2648
Owner/Operator Telephone:	713-241-7008
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL US
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2648
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2648
Owner/Operator Telephone:	713-241-7008
Owner/Operator Telephone Ext:	Not reported

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL US
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILON ENTERPRISES LLC
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	3515 NAVY DRIVE
Owner/Operator City,State,Zip:	STOCKTON, CA 95203
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2099 RM 1341
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-2258
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL US
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2648
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2648
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL US
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILON ENTERPRISES LLC
Legal Status:	Private
Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC
Legal Status:	Private

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Date Became Current: 19980701
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2648
Owner/Operator City,State,Zip: HOUSTON, TX 77252-2648
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status: Private
Date Became Current: 19980701
Date Ended Current: Not reported
Owner/Operator Address: 20945 S WILMINGTON AVENUE
Owner/Operator City,State,Zip: CARSON, CA 90810
Owner/Operator Telephone: 713-241-7008
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20000417
Handler Name: EQUILON ENTERPRISES L L C
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060227
Handler Name: SAN FRANCISCO TERMINAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070130
Handler Name: SHELL OIL PRODUCTS US SF TERMINAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080225
Handler Name: SHELL OIL PRODUCTS US SF TERMINAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20091117
Handler Name: SHELL OIL PRODUCTS US SF TERMINAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100720
Handler Name: SHELL OIL PRODUCTS US SF TERMINAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20110411
Handler Name: SHELL OIL PRODUCTS US SF TERMINAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210901

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Handler Name: SHELL OIL PRODUCTS US SF TERMINAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19900413
Handler Name: SHELL OIL CO - SAN FRANCISCO PLANT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920224
Handler Name: SHELL-SAN FRAN PLANT-104
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: SHELL OIL COMPANY SAN FRANCISCO PLANT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: EQUILON ENTERPRISES LLC/SAN FRANCISCO TM
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020227
Handler Name: EQUILON ENT LLC (SAN FRANCISCO)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040219
Handler Name: SHELL OIL PRODUCTS US-SAN FRANCISCO TERM
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42271
NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

NAICS Code: 42471
NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20210504
Actual Return to Compliance Date: 20210514
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20210504
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: CUPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20210514
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930622

SHELL OIL PRODUCTS US SF TERMINAL (Continued) **1000288019**

Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190621
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SLIC REG 2:

Region:	2
Facility ID:	SL373231180
Facility Status:	Remediation Plan
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

BQ537 **SHELL OIL PROD US EQUILON SF D** **ENVIROSTOR** **S106089273**
ESE **135 N ACCESS RD** **WDS** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **CIWQS**
0.426 mi.
2248 ft. **Site 3 of 6 in cluster BQ**

Relative:
Higher

Actual:
22 ft.

ENVIROSTOR:

Name:	SHELL OIL CO. - SAN FRANCISCO PLANT
Address:	135 N. ACCESS ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	71002127
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported

SHELL OIL PROD US EQUILON SF D (Continued) **S106089273**

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.64029
Longitude: -122.3990
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD000631440
Alias Type: EPA Identification Number
Alias Name: 71002127
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WDS:
Name: SHELL OIL PROD US EQUILON SF D
Address: 135 N Access Rd
City: SOUTH SAN FRANCISCO
Facility ID: San Francisco Bay 41I014943
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

SHELL OIL PROD US EQUILON SF D (Continued) **S106089273**

NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	6507611424
Facility Contact:	BOZZO KRISTI
Agency Name:	SHELL OIL PROD US
Agency Address:	20945 S WILMINGTON AVE
Agency City,St,Zip:	CARSON 907496249
Agency Contact:	JORDAN CARLTON
Agency Telephone:	3108162060
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	SHELL OIL PRODUCT US SAN FRANCISCO TERMINAL
Address:	135 N ACCESS RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Agency:	Shell Oil Products US
Agency Address:	3515 Navy Dr, Stockton, CA 95203
Place/Project Type:	Industrial - Petroleum Bulk Stations and Terminals
SIC/NAICS:	5171
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I014943
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	02/11/1999
Termination Date:	12/31/2014
Expiration/Review Date:	Not reported
Design Flow:	Not reported

SHELL OIL PROD US EQUILON SF D (Continued) **S106089273**

Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.63919
Longitude:	-122.39914

BQ538 **SHELL** **LUST** **S104573784**
ESE **135 ACCESS RD N** **CPS-SLIC** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **ENF**
0.426 mi. **HIST CORTESE**
2248 ft. **Site 4 of 6 in cluster BQ** **CERS**

Relative:
Higher

Actual:
22 ft.

LUST REG 2:

Region:	2
Facility Id:	41-1121
Facility Status:	Pollution Characterization
Case Number:	550064
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	8/8/1998
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CPS-SLIC:

Name:	SHELL (EQUILON) SOUTH SAN FRANCISCO TERMINAL
Address:	135 NORTH ACCESS ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Open - Verification Monitoring**
Status Date:	06/19/2019
Global Id:	SL373231180
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.6394003613038
Longitude:	-122.398982048035
Case Type:	Cleanup Program Site
Case Worker:	AJK
Local Agency:	Not reported
RB Case Number:	SL373231180
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil, Surface water
Potential Contaminants of Concern:	Benzene, Toluene, Xylene, Aviation, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History:	The Equilon-San Francisco site (formerly Shell Oil) is an operating petroleum product distribution terminal, which is used to store gasoline, diesel fuel, jet fuel, and fuel additives. The 5.242-acre site is located in an industrial section near the northeast corner of the San Francisco International Airport in South San Francisco. The

SHELL (Continued) **S104573784**

terminal was constructed in 1964 and currently has ten (10) aboveground storage tanks (ASTs) with capacities of 500 to 90,000 barrels. The plant stores three (3) grades of gasoline and jet fuel that are received from incoming Equilon Enterprises LLC (Equilon) and Southern Pacific Pipe Line Corporation pipelines and distributes the grades from a two-lane truck loading rack. In addition, diesel fuel is stored at the plant for on-site consumption, where both fuel additives and diesel fuel are received from tank trucks.

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	SHELL (EQUILON) SOUTH SAN FRANCISCO TERMINAL - SLIC
Address:	135 NORTH ACCESS ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	2
Facility Id:	222873
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	37.639209
Place Longitude:	-122.399136
SIC Code 1:	5171
SIC Desc 1:	Petroleum Bulk Stations and Terminals
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported

SHELL (Continued) **S104573784**

Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224963
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	10/28/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	12/21/1999
Termination Date:	10/28/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 417085N02
Description:	Not reported
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL (EQUILON) SOUTH SAN FRANCISCO TERMINAL - SLIC
Address:	135 NORTH ACCESS ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	2
Facility Id:	222873
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	37.639209

SHELL (Continued) **S104573784**

Place Longitude:	-122.399136
SIC Code 1:	5171
SIC Desc 1:	Petroleum Bulk Stations and Terminals
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224962
Region:	2
Order / Resolution Number:	UNKNOWN

SHELL (Continued) **S104573784**

Enforcement Action Type:	Oral Communication
Effective Date:	10/28/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	10/5/1999
Termination Date:	10/28/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 417085N02
Description:	Not reported
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL (EQUILON) SOUTH SAN FRANCISCO TERMINAL - SLIC
Address:	135 NORTH ACCESS ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	2
Facility Id:	222873
Agency Name:	Equilon Enterprises LLC
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.639209
Place Longitude:	-122.399136
SIC Code 1:	5171
SIC Desc 1:	Petroleum Bulk Stations and Terminals
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC

SHELL (Continued) **S104573784**

Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 417085N02
Reg Measure Id:	162198
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	06/02/2016
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	219520
Region:	2
Order / Resolution Number:	R2-2012-0085
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	11/15/2012
Adoption/Issuance Date:	11/14/2012
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	SCR R2-2012-0085 for the Shell (Equilon) South San Francisco Terminal
Description:	SCR-
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	SHELL
edr_fadd1:	135 ACCESS

SHELL (Continued) **S104573784**

City,State,Zip: SOUTH SAN FRANCISCO, CA S
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1121

edr_fname: SCR-SHELL'S S SAN FRAN DI
edr_fadd1: 135 ACCESS
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: CORTESE
Facility County Code: 41
Reg By: WBC&D
Reg Id: 2 417085N02

CERS:
Name: SHELL (EQUILON) SOUTH SAN FRANCISCO TERMINAL
Address: 135 NORTH ACCESS ROAD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 214638
CERS ID: SL373231180
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ALYX KARPOWICZ - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 Clay St., Suite 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5106222427,

BR539 **SAN FRANCISCO INTL** **PFAS** **S127521704**
SE **SFO** **N/A**
1/4-1/2 **SAN FRANCISCO, CA**
0.435 mi.
2295 ft. **Site 1 of 2 in cluster BR**

Relative:
Lower

Actual:
4 ft.

PFAS:
Name: SAN FRANCISCO INTL
Address: SFO
City,State,Zip: SAN FRANCISCO, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: T10000012790
Facility Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported

SAN FRANCISCO INTL (Continued) **S127521704**

Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0301
Matrix:	Solid
Chemical:	PFTRIDA
Qualifier:	ND
Value:	1.97
Reporting Limit:	1.97
Detection Limit:	1.97
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	8/13/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63646891
Longitude:	-122.401413
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790
Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0301
Matrix:	Solid
Chemical:	ADONA
Qualifier:	ND
Value:	1.97
Reporting Limit:	1.97
Detection Limit:	1.97
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG

SAN FRANCISCO INTL (Continued) **S127521704**

Date: 8/13/2019
Field Pt Class: BH
Site Use: Airport
Site Type: Non-Case Information
Latitude: 37.63646891
Longitude: -122.401413
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name: SAN FRANCISCO INTL
Address: SFO
City,State,Zip: SAN FRANCISCO, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: T10000012790
Facility Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: SB/GW0301
Matrix: Solid
Chemical: PFOS
Qualifier: =
Value: 2.5
Reporting Limit: 1.97
Detection Limit: 1.97
Lab Notes: Not reported
Quarterly Running Annual Average: 0
Units: UG/KG
Date: 8/13/2019
Field Pt Class: BH
Site Use: Airport
Site Type: Non-Case Information
Latitude: 37.63646891
Longitude: -122.401413
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name: SAN FRANCISCO INTL
Address: SFO
City,State,Zip: SAN FRANCISCO, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported

SAN FRANCISCO INTL (Continued) **S127521704**

Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0301
Matrix:	Solid
Chemical:	PFPES
Qualifier:	ND
Value:	1.97
Reporting Limit:	1.97
Detection Limit:	1.97
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	8/13/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63646891
Longitude:	-122.401413
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790
Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0301

SAN FRANCISCO INTL (Continued) **S127521704**

Matrix:	Solid
Chemical:	PFPA
Qualifier:	ND
Value:	1.97
Reporting Limit:	1.97
Detection Limit:	1.97
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	8/13/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63646891
Longitude:	-122.401413
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0301
Matrix:	Solid
Chemical:	PFTEDA
Qualifier:	ND
Value:	1.97
Reporting Limit:	1.97
Detection Limit:	1.97
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	8/13/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63646891
Longitude:	-122.401413
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

SAN FRANCISCO INTL (Continued) **S127521704**

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0301
Matrix:	Solid
Chemical:	11ClPF3OUDS
Qualifier:	ND
Value:	1.97
Reporting Limit:	1.97
Detection Limit:	1.97
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	8/13/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63646891
Longitude:	-122.401413
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported

SAN FRANCISCO INTL (Continued) **S127521704**

Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: SB/GW0301
Matrix: Solid
Chemical: 7:3FTCA
Qualifier: ND
Value: 3.94
Reporting Limit: 3.94
Detection Limit: 3.94
Lab Notes: U
Quarterly Running Annual Average: 0
Units: UG/KG
Date: 8/13/2019
Field Pt Class: BH
Site Use: Airport
Site Type: Non-Case Information
Latitude: 37.63646891
Longitude: -122.401413
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name: SAN FRANCISCO INTL
Address: SFO
City,State,Zip: SAN FRANCISCO, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: T10000012790
Facility Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: SB/GW0301
Matrix: Solid
Chemical: HFPO-DA
Qualifier: ND
Value: 1.97
Reporting Limit: 1.97
Detection Limit: 1.97
Lab Notes: U
Quarterly Running Annual Average: 0

SAN FRANCISCO INTL (Continued) **S127521704**

Units:	UG/KG
Date:	8/13/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63646891
Longitude:	-122.401413
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0301
Matrix:	Solid
Chemical:	MEFOSE
Qualifier:	ND
Value:	9.84
Reporting Limit:	9.84
Detection Limit:	9.84
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	8/13/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63646891
Longitude:	-122.401413
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported

SAN FRANCISCO INTL (Continued) **S127521704**

Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0301
Matrix:	Solid
Chemical:	NMEFOSAA
Qualifier:	ND
Value:	1.97
Reporting Limit:	1.97
Detection Limit:	1.97
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	8/13/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63646891
Longitude:	-122.401413
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Click this hyperlink while viewing on your computer to access
28 additional CA PFAS: record(s) in the EDR Site Report.

BS540 **ASSOCIATED TRUCKING, INC.** **SWF/LF** **S118397592**
SSW **1065 SAN MATEO AVE.** **CERS** **N/A**
1/4-1/2 **SAN BRUNO, CA 94066**
0.435 mi.
2298 ft. **Site 1 of 4 in cluster BS**

Relative:
Higher

Actual:
23 ft.

SWF/LF (SWIS):

Name:	ASSOCIATED TRUCKING, INC.
Address:	1065 SAN MATEO AVE.
City,State,Zip:	SAN BRUNO, CA 94066
Region:	STATE
Facility ID:	41-AA-0198
SWIS Number:	41-AA-0198
Point of Contact:	Kelsey Orr
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported

ASSOCIATED TRUCKING, INC. (Continued) **S118397592**

Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	San Bruno
Reporting Agency Legal Name:	County of San Mateo
Reporting Agency Department:	Health Department, Environmental Health Services Division
Enforcing Agency Legal Name:	County of San Mateo
Enforcing Agency Department:	Health Department, Environmental Health Services Division
Regulation Status:	Notification

Activity:

SWIS Number:	41-AA-0198
Site Name:	Associated Trucking, Inc.
Activity:	Small Volume CDI Debris Processing Operation
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	20
Throughput Units:	Tons
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	Not reported
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Kelsey Orr
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	San Mateo
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	San Bruno
Street Address:	1065 San Mateo Ave.
City:	San Bruno
State:	CA
ZIP Code:	94066
Reporting Agency Legal Name:	County of San Mateo
Reporting Agency Department:	Health Department, Environmental Health Services Division
Enforcing Agency Legal Name:	County of San Mateo
Enforcing Agency Department:	Health Department, Environmental Health Services Division

ASSOCIATED TRUCKING, INC. (Continued) **S118397592**

Operator:

SWIS Number:	41-AA-0198
Site Name:	Associated Trucking, Inc.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	37.63601
Longitude:	-122.41193
Is Archived:	No
Operator:	Associated Trucking, Inc.
Started On:	Not reported
Contact Name:	Eduardo Gonzalez
Contact Title:	Not reported
Contact Email:	estimates@associatedtruckinginc.com
Contact Phone:	(650) 652-3960
Street Address:	1065 San Mateo Ave
Operator City:	San Bruno
Operator State:	CA
Operator Zip:	94066

Owner:

SWIS Number:	41-AA-0198
Owner:	Barry Gevertz
Owner Address:	1432 Alvarado Ave.
Owner City:	Burlingame
Owner State:	CA
Owner Zip:	94010
Site Name:	Associated Trucking, Inc.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	37.63601
Longitude:	-122.41193
Is Archived:	No
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	barry.gevertz@cbnorcal.com
Contact Phone:	(650) 888-1895

Waste:

SWIS Number:	41-AA-0198
Site Name:	Associated Trucking, Inc.
Activity:	Small Volume CDI Debris Processing Operation
Waste Type:	Construction/demolition
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Kelsey Orr
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation

ASSOCIATED TRUCKING, INC. (Continued) **S118397592**

SWIS Number: 41-AA-0198
Site Name: Associated Trucking, Inc.
Activity: Small Volume CDI Debris Processing Operation
Waste Type: Inert
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Kelsey Orr
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SWIS Number: 41-AA-0198
Site Name: Associated Trucking, Inc.
Activity: Small Volume CDI Debris Processing Operation
Waste Type: Metals
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Kelsey Orr
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

CERS:
Name: ASSOCIATED TRUCKING, INC.
Address: 1065 SAN MATEO AVE.
City,State,Zip: SAN BRUNO, CA
Site ID: 506826
CERS ID: 41-AA-0198
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Barry Gevertz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Burlingame
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94010
Affiliation Phone: 6508881895,

Affiliation Type Desc: Legal Operator
Entity Name: Associated Trucking, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: San Bruno
Affiliation State: CA
Affiliation Country: Not reported

ASSOCIATED TRUCKING, INC. (Continued) **S118397592**

Affiliation Zip: 94066
Affiliation Phone: 6506523960,

BT541 **SEWAGE PUMP STATION #4** **LUST** **S102436722**
NE **249 HARBOR** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.437 mi. **CERS**
2306 ft. **Site 1 of 2 in cluster BT**

Relative: **Lower**
Actual: **13 ft.**

SAN MATEO CO. LUST:
Name: SEWAGE PUMP STATION #4
Address: 249 HARBOR WY
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550130
Facility Status: 9- Case Closed
Global ID: T0608100772
APN Number: Not reported
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: SEWAGE PUMP STATION #4
Address: 249 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100772
Global Id: T0608100772
Latitude: 37.649683
Longitude: -122.399066
Status: Completed - Case Closed
Status Date: 08/21/2003
Case Worker: JM
RB Case Number: 41-0824
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550130
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100772
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100772
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100

SEWAGE PUMP STATION #4 (Continued) **S102436722**

City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100772
Action Type: Other
Date: 11/04/1996
Action: Leak Discovery

Global Id: T0608100772
Action Type: ENFORCEMENT
Date: 06/15/1994
Action: Notice of Responsibility - #1

Global Id: T0608100772
Action Type: ENFORCEMENT
Date: 04/07/2003
Action: Staff Letter - #20030407

Global Id: T0608100772
Action Type: ENFORCEMENT
Date: 08/21/2003
Action: Closure/No Further Action Letter - #4

Global Id: T0608100772
Action Type: ENFORCEMENT
Date: 05/09/2003
Action: Staff Letter - #20030509

Global Id: T0608100772
Action Type: Other
Date: 11/19/1996
Action: Leak Reported

Global Id: T0608100772
Action Type: RESPONSE
Date: 05/07/2003
Action: Request for Closure

Global Id: T0608100772
Action Type: RESPONSE
Date: 08/09/2003
Action: Unknown

Global Id: T0608100772
Action Type: REMEDIATION
Date: 09/01/2001
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100772
Action Type: REMEDIATION
Date: 03/01/1994
Action: Excavation

Global Id: T0608100772
Action Type: Other

SEWAGE PUMP STATION #4 (Continued) **S102436722**

Date: 11/10/1997
Action: Leak Stopped

LUST:
Global Id: T0608100772
Status: Open - Case Begin Date
Status Date: 06/15/1994

Global Id: T0608100772
Status: Open - Verification Monitoring
Status Date: 06/15/1994

Global Id: T0608100772
Status: Completed - Case Closed
Status Date: 08/21/2003

CORTESE:
Name: SEWAGE PUMP STATION #4
Address: 249 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100772
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: SEWAGE PUMP STATION #4
edr_fadd1: 249 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0824

CERS:
Name: SEWAGE PUMP STATION #4
Address: 249 HARBOR

SEWAGE PUMP STATION #4 (Continued) **S102436722**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 236825
CERS ID: T0608100772
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BT542 **SEWAGE PUMP STATION #4** **LUST** **S104494213**
NE **249 HARBOR** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080**
0.437 mi.
2306 ft. **Site 2 of 2 in cluster BT**

Relative:
Lower

Actual:
13 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550130
How Discovered: UM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/1/1965

San Mateo Co. BI:
Name: FIRE STATION #2
Address: 249 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0023177
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026526

SEWAGE PUMP STATION #4 (Continued) **S104494213**

Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: FIRE STATION #2
Address: 249 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0023177
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0027250
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: SSF SEWAGE PUMP STATION #4
Address: 249 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0008508
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022677
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: SSF SEWAGE PUMP STATION #4
Address: 249 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0008508
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0048012
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SSF SEWAGE PUMP STATION #4
Address: 249 HARBOR
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0008508
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0027251
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

BU543 **UNION CARBIDE CORP.** **LUST** **S103893367**
NNW **7 LINDEN** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080**
0.442 mi.
2334 ft. **Site 1 of 7 in cluster BU**

Relative:
Higher

Actual:
26 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Pollution Characterization
Case Number:	550001
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	V
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	1/1/1965
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	UST SITE
Address:	7 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0024312
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0028887
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	PRAXAIR DISTRIBUTION INC
Address:	7 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017743
Prog Element Code:	GEN <1 TONS HAZ WASTE/YR
Record Id:	PR0011581
Description:	GEN <1 TONS HAZ WASTE/YR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PRAXAIR DISTRIBUTION INC
Address:	7 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017743
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0026114
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	PRAXAIR DISTRIBUTION INC
Address:	7 LINDEN

UNION CARBIDE CORP. (Continued) **S103893367**

City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017743
Prog Element Code:	STORES HAZ MAT >32000GAL, 240001LB, 112000FT3
Record Id:	PR0004231
Description:	STORES HAZ MAT >32000GAL, 224000LB, 112000CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	PRAXAIR DISTRIBUTION INC
Address:	7 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017743
Prog Element Code:	RISK MANAGEMENT AND PREVENTION PLAN - GENERAL
Record Id:	PR0034172
Description:	CALARP - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	CALARP PROGRAM

Name:	NESTLE WATERS NA/ARROWHEAD
Address:	7 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027606
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0044287
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	NESTLE WATERS NA/ARROWHEAD
Address:	7 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027606
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0061722
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

BU544 **UNION CARBIDE CORP** **HIST CORTESE** **S102361365**
NNW **7 LINDEN** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA**
0.442 mi.
2334 ft. **Site 2 of 7 in cluster BU**

Relative:
Higher

Actual:
26 ft.

HIST CORTESE:

edr_fname:	UNION CARBIDE CORP
edr_fadd1:	7 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0584

BP545 **HOFFMAN BROTHERS** **LUST** **S101303292**
West **306 MAPLE** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.442 mi. **HIST CORTESE**
2335 ft. **Site 4 of 4 in cluster BP** **CERS**

Relative:
Higher

Actual:
27 ft.

SAN MATEO CO. LUST:

Name:	HOFFMAN BROTHERS
Address:	306 S MAPLE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550071
Facility Status:	9- Case Closed
Global ID:	T0608100261
APN Number:	014231080
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	HOFFMAN BROTHERS
Address:	306 SOUTH MAPLE AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100261
Global Id:	T0608100261
Latitude:	37.642596
Longitude:	-122.417986
Status:	Completed - Case Closed
Status Date:	04/18/2000
Case Worker:	JM
RB Case Number:	41-0274
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550071
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100261
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100261
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

HOFFMAN BROTHERS (Continued) **S101303292**

LUST:
Global Id: T0608100261
Action Type: Other
Date: 03/20/1992
Action: Leak Discovery

Global Id: T0608100261
Action Type: ENFORCEMENT
Date: 07/24/1990
Action: Notice of Responsibility - #1

Global Id: T0608100261
Action Type: Other
Date: 06/29/1990
Action: Leak Reported

LUST:
Global Id: T0608100261
Status: Open - Case Begin Date
Status Date: 06/29/1990

Global Id: T0608100261
Status: Completed - Case Closed
Status Date: 04/18/2000

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550071
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: FAR EAST RESTAURANT EQUIP MFG
Address: 306 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011759
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0025863
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

HOFFMAN BROTHERS (Continued) **S101303292**

Name: FAR EAST RESTAURANT EQUIP MFG
Address: 306 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011759
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0046090
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: FAR EAST RESTAURANT EQUIP MFG
Address: 306 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0011759
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0046089
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: HOFFMAN BROTHERS
Address: 306 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100261
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: HOFFMAN BROTHERS
edr_fadd1: 306 MAPLE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0274

HOFFMAN BROTHERS (Continued) **S101303292**

CERS:
Name: HOFFMAN BROTHERS
Address: 306 SOUTH MAPLE AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 191736
CERS ID: T0608100261
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BN546 **PENINSULA TOW SERVICE** **HIST CORTESE** **S101438391**
SSW **1071 MONTGOMERY** **N/A**
1/4-1/2 **SAN BRUNO, CA**
0.446 mi.
2354 ft. **Site 2 of 3 in cluster BN**

Relative: Higher
Actual: 26 ft.

HIST CORTESE:
edr_fname: PENINSULA TOW SERVICE
edr_fadd1: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0410

BN547 **PENINSULA TOW SERVICE** **LUST** **S101308701**
SSW **1071 MONTGOMERY** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN BRUNO, CA 94066** **Cortese**
0.446 mi. **CERS**
2354 ft. **Site 3 of 3 in cluster BN**

Relative: Higher
Actual: 26 ft.

SAN MATEO CO. LUST:
Name: PENINSULA TOW SERVICE
Address: 1071 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA
Region: SAN MATEO

PENINSULA TOW SERVICE (Continued) **S101308701**

Facility ID: 880009
Facility Status: 9- Case Closed
Global ID: T0608100391
APN Number: 014275090
Case Type: SAN BRUNO, CA
EDR Link ID: SAN BRUNO, CA

LUST:
Name: PENINSULA TOW SERVICE
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100391
Global Id: T0608100391
Latitude: 37.6362510532638
Longitude: -122.412693714294
Status: Completed - Case Closed
Status Date: 06/13/2002
Case Worker: JM
RB Case Number: 41-0410
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 880009
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100391
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100391
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100391
Action Type: Other
Date: 12/19/1986
Action: Leak Discovery

Global Id: T0608100391
Action Type: ENFORCEMENT
Date: 01/27/1989
Action: Notice of Responsibility - #1

PENINSULA TOW SERVICE (Continued) **S101308701**

Global Id: T0608100391
Action Type: Other
Date: 12/19/1986
Action: Leak Reported

LUST:
Global Id: T0608100391
Status: Open - Case Begin Date
Status Date: 12/19/1986

Global Id: T0608100391
Status: Completed - Case Closed
Status Date: 06/13/2002

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 880009
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: PENINSULA TOW SERVICE INC
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018261
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0012179
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PENINSULA TOW SERVICE INC
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018261
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004981
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: TRIPLE M BODY SHOP

PENINSULA TOW SERVICE (Continued) **S101308701**

Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0053519
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0073972
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: TRIPLE M BODY SHOP
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0053519
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0073971
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: BAY AREA LIMOUSINE REPAIR
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0047430
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0064702
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: BAY AREA LIMOUSINE REPAIR
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0047430
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0064701
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: MC COS AUTO BODY SHOP
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0026960
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043544
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: MC COS AUTO BODY SHOP
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066

PENINSULA TOW SERVICE (Continued) **S101308701**

Region: SAN MATEO
Facility ID: FA0026960
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0040058
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: MC COS AUTO BODY SHOP
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0026960
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0040059
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: PENINSULA TOW SERVICE
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100391
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: PENINSULA TOW SERVICE
Address: 1071 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Site ID: 237438
CERS ID: T0608100391
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported

PENINSULA TOW SERVICE (Continued) **S101308701**

Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BQ548 **SFIA - SHELL OIL BARGE PLANT (PLOT 22)** **CPS-SLIC S111293378**
ESE **150 NORTH ACCESS RD.** **CERS N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA**
0.447 mi.
2358 ft. **Site 5 of 6 in cluster BQ**

Relative: **Lower**
Actual: **20 ft.**

CPS-SLIC:

Name:	SFIA - SHELL OIL BARGE PLANT (PLOT 22)
Address:	150 NORTH ACCESS RD.
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	STATE
Facility Status:	**Open - Long Term Management**
Status Date:	10/14/2021
Global Id:	SL374231190
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.6368494453586
Longitude:	-122.385798990727
Case Type:	Cleanup Program Site
Case Worker:	KAW
Local Agency:	Not reported
RB Case Number:	41S0113
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Aviation
Site History:	This site is governed by an airport-wide site cleanup order No. 99-045. Currently under long-term monitoring. Shell Oil Company operated the Barge Plant on Plot 22 from about 1955 to 1994. The Barge Plant was demolished in 1996. Total petroleum hydrocarbons as jet fuel and as gasoline, benzene, toluene, ethylbenzene, and total xylenes are the contaminants of concern (COCs). In July 1996, a dual phase extraction (DPE) system was installed to remove remaining contamination. The DPE system was removed, and the site is now a paved lot. In January 2017, the Water Board approved a Revised Risk Management Plan for the site. Annual groundwater monitoring is required. Order WQ 2021-0006-DWQ requires a PFAS investigation of the Site.

Click here to access the California GeoTracker records for this facility:

SFIA - SHELL OIL BARGE PLANT (PLOT 22) (Continued) **S111293378**

CERS:
Name: SFIA - SHELL OIL BARGE PLANT (PLOT 22)
Address: 150 NORTH ACCESS RD.
City,State,Zip: SOUTH SAN FRANCISCO, CA
Site ID: 195992
CERS ID: SL374231190
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: KIMBERLEE WEST - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 Clay Street
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5106222432,

BO549 **AVIS CAR RENTAL** **RCRA-LQG** **1000374181**
NE **230 HARBOR WAY** **LUST** **CAD981442858**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST UST**
0.447 mi. **CERS TANKS**
2362 ft. **Site 3 of 3 in cluster BO** **FINDS**
ECHO
Relative: **San Mateo Co. BI**
Lower **Cortese**
HIST CORTESE
Actual: **CERS**
12 ft.

RCRA-LQG:
Date Form Received by Agency: 19860909
Handler Name: AVIS CAR RENTAL
Handler Address: 230 HARBOR WAY
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAD981442858
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 230 HARBOR WAY
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 415-877-6722
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Other
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 2
Mailing Address: 230 HARBOR WAY
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: PV HOLDING CO
Owner Type: Private
Operator Name: Not reported

AVIS CAR RENTAL (Continued) **1000374181**

Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

AVIS CAR RENTAL (Continued) **1000374181**

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: PV HOLDING CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19860909
Handler Name: AVIS CAR RENTAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN MATEO CO. LUST:
Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WY
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550184
Facility Status: 9- Case Closed
Global ID: T0608125206
APN Number: 015123270
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WY
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550143

AVIS CAR RENTAL (Continued) **1000374181**

Facility Status: 9- Case Closed
Global ID: T0608100873
APN Number: 015123270
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608125206
Global Id: T0608125206
Latitude: 37.6506331392346
Longitude: -122.40073621273
Status: Completed - Case Closed
Status Date: 07/08/2010
Case Worker: JM
RB Case Number: Not reported
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550184
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: A summary of the site history is included in Tetra Tech's December 14, 2009 Sub-Slab Soil Gas Investigation Report, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:
Global Id: T0608125206
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608125206
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608125206
Action Type: Other
Date: 07/11/2003
Action: Leak Discovery

Global Id: T0608125206
Action Type: RESPONSE

AVIS CAR RENTAL (Continued) **1000374181**

Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 09/19/2006
Action: Staff Letter - #20060919A

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 02/06/2007
Action: Staff Letter - #20070206A

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 04/11/2006
Action: Staff Letter - #20060411

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 09/19/2006
Action: Staff Letter - #20060919B

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 12/02/2005
Action: Staff Letter - #20051202

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 02/06/2007
Action: Staff Letter - #20070206B

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 09/19/2006
Action: Staff Letter - #20060919C

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 01/13/2004
Action: Staff Letter - #20040113

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 08/12/2004
Action: Staff Letter - #20040812B

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 08/25/2003
Action: Notice of Responsibility - #1

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 08/06/2003
Action: Staff Letter - #20030806A

AVIS CAR RENTAL (Continued) **1000374181**

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 08/12/2004
Action: Staff Letter - #20040812A

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 04/14/2004
Action: Staff Letter - #20040414

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 04/11/2006
Action: Staff Letter - #20060411

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 08/06/2003
Action: Staff Letter - #20030806B

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 11/20/2008
Action: Staff Letter - #20081120

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 06/02/2009
Action: Staff Letter - #20090602

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 05/06/2009
Action: Staff Letter - #20090506

Global Id: T0608125206
Action Type: Other
Date: 07/16/2003
Action: Leak Reported

Global Id: T0608125206
Action Type: RESPONSE
Date: 05/11/2006
Action: Electronic Reporting Submittal Due

Global Id: T0608125206
Action Type: RESPONSE
Date: 08/26/2003
Action: Preliminary Site Assessment Report

Global Id: T0608125206
Action Type: RESPONSE
Date: 02/10/2004
Action: Preliminary Site Assessment Report

Global Id: T0608125206
Action Type: RESPONSE

AVIS CAR RENTAL (Continued) **1000374181**

Date: 02/13/2004
Action: Electronic Reporting Submittal Due

Global Id: T0608125206
Action Type: RESPONSE
Date: 07/07/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608125206
Action Type: RESPONSE
Date: 03/30/2005
Action: Other Report / Document

Global Id: T0608125206
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 03/27/2006
Action: Soil and Water Investigation Report

AVIS CAR RENTAL (Continued) **1000374181**

Global Id: T0608125206
Action Type: RESPONSE
Date: 08/15/2006
Action: Soil and Water Investigation Report

Global Id: T0608125206
Action Type: RESPONSE
Date: 12/19/2006
Action: Soil and Water Investigation Workplan

Global Id: T0608125206
Action Type: RESPONSE
Date: 12/19/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608125206
Action Type: RESPONSE
Date: 12/19/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608125206
Action Type: RESPONSE
Date: 05/14/2007
Action: Soil and Water Investigation Report

Global Id: T0608125206
Action Type: RESPONSE
Date: 10/26/2007
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608125206
Action Type: REMEDIATION
Date: 01/01/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 03/03/2010
Action: Staff Letter - #20100303

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 07/01/2010
Action: Closure/No Further Action Letter - #20100701

Global Id: T0608125206
Action Type: Other
Date: 07/11/2003
Action: Leak Stopped

Global Id: T0608125206
Action Type: RESPONSE
Date: 12/18/2009
Action: Site Assessment Report

Global Id: T0608125206
Action Type: RESPONSE

AVIS CAR RENTAL (Continued) **1000374181**

Date: 07/31/2009
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608125206
Action Type: RESPONSE
Date: 02/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 05/25/2010
Action: Well Destruction Report

Global Id: T0608125206
Action Type: RESPONSE
Date: 12/18/2009
Action: Site Assessment Report

Global Id: T0608125206
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: RESPONSE
Date: 03/23/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608125206
Action Type: RESPONSE
Date: 11/22/2004
Action: Soil and Water Investigation Report

Global Id: T0608125206
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Staff Letter - #20090714

Global Id: T0608125206
Action Type: ENFORCEMENT
Date: 09/09/2009
Action: Staff Letter - #20090909

AVIS CAR RENTAL (Continued) **1000374181**

LUST:
Global Id: T0608125206
Status: Open - Case Begin Date
Status Date: 07/11/2003

Global Id: T0608125206
Status: Open - Site Assessment
Status Date: 08/06/2003

Global Id: T0608125206
Status: Open - Site Assessment
Status Date: 07/20/2004

Global Id: T0608125206
Status: Open - Site Assessment
Status Date: 11/24/2004

Global Id: T0608125206
Status: Open - Verification Monitoring
Status Date: 03/03/2010

Global Id: T0608125206
Status: Completed - Case Closed
Status Date: 07/01/2010

Global Id: T0608125206
Status: Completed - Case Closed
Status Date: 07/08/2010

Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100873
Global Id: T0608100873
Latitude: 37.650402
Longitude: -122.40062
Status: Completed - Case Closed
Status Date: 08/05/2003
Case Worker: JM
RB Case Number: 41-0951
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550143
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0608100873
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND

AVIS CAR RENTAL (Continued) **1000374181**

Email: Not reported
Phone Number: Not reported

Global Id: T0608100873
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100873
Action Type: Other
Date: 01/26/1988
Action: Leak Discovery

Global Id: T0608100873
Action Type: ENFORCEMENT
Date: 06/28/1995
Action: Notice of Responsibility - #1

Global Id: T0608100873
Action Type: ENFORCEMENT
Date: 08/05/2003
Action: Closure/No Further Action Letter - #2

Global Id: T0608100873
Action Type: Other
Date: 03/24/1988
Action: Leak Reported

LUST:
Global Id: T0608100873
Status: Open - Case Begin Date
Status Date: 01/26/1988

Global Id: T0608100873
Status: Open - Verification Monitoring
Status Date: 01/26/1988

Global Id: T0608100873
Status: Completed - Case Closed
Status Date: 08/05/2003

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550143
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported

AVIS CAR RENTAL (Continued) **1000374181**

Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/1/1965

Region: 2
Facility Id: Not reported
Facility Status: Preliminary site assessment workplan submitted
Case Number: 550184
How Discovered: Tank Closure
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 8/6/2003
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST UST:
Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
File Number: 0002BBE2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BBE2.pdf
Region: STATE
Facility ID: 00000043072
Facility Type: Not reported
Other Type: RENTAL CAR CO.
Contact Name: BILL HUMPHREY
Telephone: 4158776722
Owner Name: AVIS RENT A CAR SYSTEM
Owner Address: 900 OLD COUNTRY ROAD
Owner City,St,Zip: GARDEN CITY, NY 111530
Total Tanks: 0003

Tank Num: 001
Container Num: 001
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 002
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported

AVIS CAR RENTAL (Continued) **1000374181**

Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 003
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

CERS TANKS:
Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 96696
CERS ID: 10066132
CERS Description: Underground Storage Tank

FINDS:
Registry ID: 110009536671

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000374181
Registry ID: 110009536671
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009536671
Name: AVIS CAR RENTAL
Address: 230 HARBOR WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

San Mateo Co. BI:
Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017704

AVIS CAR RENTAL (Continued) **1000374181**

Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023565
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017704
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0011655
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR
City,State,Zip: CA 94080
Region: SAN MATEO
Facility ID: FA0017704
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022597
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

CORTESE:
Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608125206
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

AVIS CAR RENTAL (Continued) **1000374181**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100873
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	AVIS RENT A CAR
edr_fadd1:	230 HARBOR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0951

CERS:

Name:	AVIS RENT A CAR SYSTEM
Address:	230 HARBOR WAY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	96696
CERS ID:	T0608100873
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Violations:

Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 01/19/2018. No record could be located as to how the 7/21/17 alarm L2 fill sump alarm was cleared and the cause of this alarm. There is no work order available to show that a technician came out to check the sump and clear the alarm. There was an SB 989 on this date and this may be cause of the alarm.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	96696

AVIS CAR RENTAL (Continued) **1000374181**

Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2015
Citation:	HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description:	Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes:	Returned to compliance on 01/22/2015. 3 gallons fuel was removed from the turbine sump. I instructed the operator to determine the cause of the leak.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/19/2018. send training records within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 01/21/2020. OBSERVATION: The Veeder Root 322 sensor in the fill sump failed to activate an audible and visual alarm when tested to ensure continuous monitoring of the tank system. The sensor connection to the Veeder Root panel was corrected and retested to pass during the inspection. CORRECTIVE ACTION: Continue to maintain properly functioning monitoring equipment for the UST system.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 03/25/2020. OBSERVATION: Owner/Operator did not maintain a current UST monitoring plan on site. In CERS, UST Monitoring Plan, Under Dispenser Containment (UDC) Monitoring, UDC Leak Sensor Model was listed as 794380-322. This should be listed as 208. In CERS, UST Monitoring Plan, Comments / Additional Information can be updated to include The fill sump is monitored by a Veeder Root

AVIS CAR RENTAL (Continued) **1000374181**

322 sensor. CORRECTIVE ACTION: Within 30 days submit an updated Monitoring Plan at https://cers.calepa.ca.gov/ Maintain a current copy of the UST monitoring plan on site. Within 30 days, submit documentation to the SMC CUPA that a current monitoring plan is maintained on site.

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Violation Date: 12-25-2014
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes: Returned to compliance on 01/22/2015. Annular space alarms on Sept 14,16 and 17th. No work order was associated with these alarms. All alarms must be responded to promptly. I instructed the facility operator Mr. Crowe to develop a protocol to address alarms.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Violation Date: 01-21-2020
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 03/25/2020. OBSERVATION: UST tank information is not current in CERS. In the California Electronic Reporting System (CERS), UST Tank Information, Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction, Vent Piping Transition Sumps was marked as Single-walled. This should be marked as none. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Within 30 days submit an updated UST tank information at https://cers.calepa.ca.gov/
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Violation Date: 01-22-2015
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of sensor to be located in the proper position/location.
Violation Notes: Returned to compliance on 02/02/2015. 208 sensor was at approx a 45 degree angle in the piping sump. 3 gallons of fuel was removed from the other side of the sump. The tech dipped the 208 in the fuel and it was enough to shut down the turbine.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

AVIS CAR RENTAL (Continued) **1000374181**

Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 03/25/2020. OBSERVATION: Facility does not have an approved Monitoring Plan. In CERS, UST Monitoring Plan, Under Dispenser Containment (UDC) Monitoring, UDC Leak Sensor Model was listed as 794380-322. This should be listed as 208. In CERS, UST Monitoring Plan, Comments / Additional Information can be updated to include The fill sump is monitored by a Veeder Root 322 sensor." CORRECTIVE ACTION: Within 30 days submit an updated Monitoring Plan at https://cers.calepa.ca.gov/
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-18-2019
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs and upgrades on site, or off site if approved by the UPA, for the life of the UST.
Violation Notes:	Returned to compliance on 01/18/2019. High liquid annular alarms in the alarm history log yet no follow up from 8/18, 9/18 until december. These alarms were noted on the alarm history and DO monthly inspection report. Be sure to follow up on any alarms asap as it could indicate a serious problem.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 01/19/2018. MLLD failed to detect leak at calibrated 3.0 GPH. Technician is adjusting and will re-test. Technician has attempted to adjust the leak detector and it is still not detecting the leak. There is lots of corrosion in there as well. This will need to be replaced.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2016
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23,

AVIS CAR RENTAL (Continued) **1000374181**

	Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.
Violation Notes:	Returned to compliance on 02/19/2016. Sensors for both dispensers failed and do not go into alarm or shut down the pump. These will need to be replaced and re-tested as well as update monitoring plans.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 02/09/2020. OBSERVATION: Christine Pang performed the 5-9-19, 4-12-19, 3-15-19, 2-15-19, and 1-25-19 monthly designated operator (DO) inspection reports. The San Mateo County (SMC) Certified Unified Program Agency (CUPA) has not been notified within 30 days of the change in facility designated operator. Any changes shall be reported to the CUPA with 30 days. CORRECTIVE ACTION: Within 30 days, submit an updated Owner Statement of Designated UST Operator Compliance: to the SMC CUPA at https://cers.calepa.ca.gov/ submit notification to the CUPA identifying all the designated operators for this facility by [date, 30 days from now].
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 01/19/2018. Amanda Chole listed as secondary emergency contact however it has been noted she is no longer with the company. Update secondary emergency contact within 30 days in CERS online.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2016
Citation:	23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 02/19/2016. UDC sensors failed.

AVIS CAR RENTAL (Continued) **1000374181**

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Violation Date: 01-22-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 01/26/2015. The monitoring plan is incorrect. I am rejecting it in CERS. The annular sensor is a 303 not a 302.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Violation Date: 01-18-2019
Citation: 23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description: Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes: Returned to compliance on 02/01/2019. Facility had high liquid alarms in annular space in 9/26/18 and 9/27/18 as well as 8/13, 8/14, and 8/15 however there was no record of maintenance or how this alarm was cleared. In 12/12/18 there was a service technician onsite to troubleshoot the alarm. Is there a reason it took this much time to respond to the alarm? Respond to all UST alarms and ensure there are records available for every alarm on the alarm log as to how they were cleared. These alarms were noted on all of the DO monthly inspection reports yet there was no action taken until December. Be sure these reports are reviewed monthly and signed by operator.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-19-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

AVIS CAR RENTAL (Continued) **1000374181**

Eval General Type:	Other/Unknown
Eval Date:	01-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-01-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On-site to review recent monitoring certification paperwork, missed annual monitoring cert, following up on reports, training records, etc.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-01-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	review of corrective actions and monitoring system report.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-17-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-12-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown

AVIS CAR RENTAL (Continued) **1000374181**

Eval Date:	05-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB989 RESULTS REVIEWED AND LOGGED IN
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-29-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	tank forms updated in CERS, approved
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency

AVIS CAR RENTAL (Continued) **1000374181**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-19-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-21-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-21-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. The facility has a 12,000 gallon regular unleaded gasoline tank installed 11/1/2003.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-22-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Hmbp reviewed and accepted. Tank forms also online reviewed and accepted for UST.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-24-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	AMC report received and efiled, reviewed along with overfill

AVIS CAR RENTAL (Continued) **1000374181**

prevention paperwork.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-27-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-27-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: processing AMC reports
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-12-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-21-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-25-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: hmbp updates and ust forms updated
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-05-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

AVIS CAR RENTAL (Continued) **1000374181**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-17-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-17-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-19-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: review of HMBP and tank records
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown

AVIS CAR RENTAL (Continued) **1000374181**

Eval Date:	02-04-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	AMC REPORT REVIEW
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-10-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-01-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	tank forms updated and approved. Facility stated fiberglass tanks but they are actually steel.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-12-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2016
Violations Found:	No

AVIS CAR RENTAL (Continued) **1000374181**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	document management
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-08-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	monitor cert and repairs from failed components documented
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-13-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-26-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST forms updated and approved in CERS
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-05-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

AVIS CAR RENTAL (Continued) **1000374181**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-17-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989 report review and efiling of reports. No failiures in the system, everything passed.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-13-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: hmbp and ust forms approved.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS plan review
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Site Address: 230 HARBOR WAY
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 04-14-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Site Address: 230 HARBOR WAY
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 01-22-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

AVIS CAR RENTAL (Continued) **1000374181**

Coordinates:

Site ID:	96696
Facility Name:	AVIS RENT A CAR SYSTEM
Env Int Type Code:	LUSTCS
Program ID:	T0608100873
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	37.650402
Longitude:	-122.400620

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	800 East Washington Street
Affiliation City:	West Chester
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	19380
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Avis Rent A Car System, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(610) 430-8151,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Joyce Rizzo
Entity Title:	Not reported
Affiliation Address:	800 East Washington Street
Affiliation City:	West Chester
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	19380
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Ronald A Robson
Entity Title:	Regional Director Corp. Design and Construction
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Avis Rent A Car System, LLC
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany

AVIS CAR RENTAL (Continued) **1000374181**

Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(610) 430-8151,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	AVIS Rent a Car System
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(973) 496-6942,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Document Preparer
Entity Name:	Stantec Consulting Services Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	AVIS Rent a Car System
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(973) 496-6942,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	AVIS Rent a Car System

AVIS CAR RENTAL (Continued) **1000374181**

Entity Title: Not reported
Affiliation Address: 6 Sylvan Way Dept. 29-C93-36
Affiliation City: Parsippany
Affiliation State: NJ
Affiliation Country: United States
Affiliation Zip: 07054
Affiliation Phone: (973) 496-6942,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Parent Corporation
Entity Name: Avis Budget Group, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Permit Applicant
Entity Name: Michael Feeley
Entity Title: Specialist Fuel Compliance
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (973) 496-3467,

Affiliation Type Desc: UST Property Owner Name
Entity Name: AVIS Rent a Car System
Entity Title: Not reported
Affiliation Address: 6 Sylvan Way Dept. 29-C93-36
Affiliation City: Parsippany
Affiliation State: NJ
Affiliation Country: United States
Affiliation Zip: 07054
Affiliation Phone: (973) 496-6942,

Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 96696
CERS ID: T0608125206
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:
Site ID: 96696

AVIS CAR RENTAL (Continued) **1000374181**

Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 01/19/2018. No record could be located as to how the 7/21/17 alarm L2 fill sump alarm was cleared and the cause of this alarm. There is no work order available to show that a technician came out to check the sump and clear the alarm. There was an SB 989 on this date and this may be cause of the alarm.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2015
Citation:	HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description:	Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes:	Returned to compliance on 01/22/2015. 3 gallons fuel was removed from the turbine sump. I instructed the operator to determine the cause of the leak.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/19/2018. send training records within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 01/21/2020. OBSERVATION: The Veeder Root 322 sensor in the fill sump failed to activate an audible and visual alarm when tested to ensure continuous monitoring of the tank system. The sensor connection to the Veeder Root panel was corrected and retested to pass during the inspection. CORRECTIVE ACTION: Continue to maintain properly functioning monitoring equipment for the UST system.

AVIS CAR RENTAL (Continued) **1000374181**

Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 03/25/2020. OBSERVATION: Owner/Operator did not maintain a current UST monitoring plan on site. In CERS, UST Monitoring Plan, Under Dispenser Containment (UDC) Monitoring, UDC Leak Sensor Model was listed as 794380-322. This should be listed as 208. In CERS, UST Monitoring Plan, Comments / Additional Information can be updated to include The fill sump is monitored by a Veeder Root 322 sensor. CORRECTIVE ACTION: Within 30 days submit an updated Monitoring Plan at https://cers.calepa.ca.gov/ Maintain a current copy of the UST monitoring plan on site. Within 30 days, submit documentation to the SMC CUPA that a current monitoring plan is maintained on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	12-25-2014
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes:	Returned to compliance on 01/22/2015. Annular space alarms on Sept 14,16 and 17th. No work order was associated with these alarms. All alarms must be responded to promptly. I instructed the facility operator Mr. Crowe to develop a protocol to address alarms.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 03/25/2020. OBSERVATION: UST tank information is not current in CERS. In the California Electronic Reporting System (CERS), UST Tank Information, Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction, Vent Piping Transition Sumps was marked as Single-walled. This should be marked as none. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Within 30 days submit an updated UST tank information at https://cers.calepa.ca.gov/
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST

AVIS CAR RENTAL (Continued) **1000374181**

Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2015
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 02/02/2015. 208 sensor was at approx a 45 degree angle in the piping sump. 3 gallons of fuel was removed from the other side of the sump. The tech dipped the 208 in the fuel and it was enough to shut down the turbine.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 03/25/2020. OBSERVATION: Facility does not have an approved Monitoring Plan. In CERS, UST Monitoring Plan, Under Dispenser Containment (UDC) Monitoring, UDC Leak Sensor Model was listed as 794380-322. This should be listed as 208. In CERS, UST Monitoring Plan, Comments / Additional Information can be updated to include The fill sump is monitored by a Veeder Root 322 sensor." CORRECTIVE ACTION: Within 30 days submit an updated Monitoring Plan at https://cers.calepa.ca.gov/
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-18-2019
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs and upgrades on site, or off site if approved by the UPA, for the life of the UST.
Violation Notes:	Returned to compliance on 01/18/2019. High liquid annular alarms in the alarm history log yet no follow up from 8/18, 9/18 until december. These alarms were noted on the alarm history and DO monthly inspection report. Be sure to follow up on any alarms asap as it could indicate a serious problem.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:

AVIS CAR RENTAL (Continued) **1000374181**

	Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 01/19/2018. MLLD failed to detect leak at calibrated 3.0 GPH. Technician is adjusting and will re-test. Technician has attempted to adjust the leak detector and it is still not detecting the leak. There is lots of corrosion in there as well. This will need to be replaced.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2016
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.
Violation Notes:	Returned to compliance on 02/19/2016. Sensors for both dispensers failed and do not go into alarm or shut down the pump. These will need to be replaced and re-tested as well as update monitoring plans.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 02/09/2020. OBSERVATION: Christine Pang performed the 5-9-19, 4-12-19, 3-15-19, 2-15-19, and 1-25-19 monthly designated operator (DO) inspection reports. The San Mateo County (SMC) Certified Unified Program Agency (CUPA) has not been notified within 30 days of the change in facility designated operator. Any changes shall be reported to the CUPA with 30 days. CORRECTIVE ACTION: Within 30 days, submit an updated Owner Statement of Designated UST Operator Compliance: to the SMC CUPA at https://cers.calepa.ca.gov/ submit notification to the CUPA identifying all the designated operators for this facility by [date, 30 days from now].
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.

AVIS CAR RENTAL (Continued) **1000374181**

Violation Notes:	Returned to compliance on 01/19/2018. Amanda Chole listed as secondary emergency contact however it has been noted she is no longer with the company. Update secondary emergency contact within 30 days in CERS online.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2016
Citation:	23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 02/19/2016. UDC sensors failed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 01/26/2015. The monitoring plan is incorrect. I am rejecting it in CERS. The annular sensor is a 303 not a 302.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-18-2019
Citation:	23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description:	Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 02/01/2019. Facility had high liquid alarms in annular space in 9/26/18 and 9/27/18 as well as 8/13, 8/14, and 8/15 however there was no record of maintenance or how this alarm was cleared. In 12/12/18 there was a service technician onsite to troubleshoot the alarm. Is there a reason it took this much time to respond to the alarm? Respond to all UST alarms and ensure there are records available for every alarm on the alarm log as to how they were cleared. These alarms were noted on all of the DO monthly inspection reports yet there was no action taken until December. Be sure these reports are reviewed monthly and signed by operator.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-12-2021

AVIS CAR RENTAL (Continued) **1000374181**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-19-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-01-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On-site to review recent monitoring certification paperwork, missed annual monitoring cert, following up on reports, training records, etc.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-01-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	review of corrective actions and monitoring system report.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-17-2021
Violations Found:	No

AVIS CAR RENTAL (Continued) **1000374181**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-12-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB989 RESULTS REVIEWED AND LOGGED IN
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-29-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	tank forms updated in CERS, approved
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

AVIS CAR RENTAL (Continued) **1000374181**

Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-18-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-18-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-19-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-21-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine inspection. The facility has a 12,000 gallon regular unleaded gasoline tank installed 11/1/2003.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-22-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Hmbp reviewed and accepted. Tank forms also online reviewed and accepted for UST.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

AVIS CAR RENTAL (Continued) **1000374181**

Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-24-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	AMC report received and efiled, reviewed along with overfill prevention paperwork.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-27-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-27-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	processing AMC reports
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-12-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

AVIS CAR RENTAL (Continued) **1000374181**

Eval General Type:	Other/Unknown
Eval Date:	03-25-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	hmbp updates and ust forms updated
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-05-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-17-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-17-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-19-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	review of HMBP and tank records
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2014
Violations Found:	No

AVIS CAR RENTAL (Continued) **1000374181**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-04-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	AMC REPORT REVIEW
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-10-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-01-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	tank forms updated and approved. Facility stated fiberglass tanks but they are actually steel.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-12-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

AVIS CAR RENTAL (Continued) **1000374181**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: document management
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: monitor cert and repairs from failed components documented
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-13-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

AVIS CAR RENTAL (Continued) **1000374181**

Eval General Type:	Other/Unknown
Eval Date:	05-26-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST forms updated and approved in CERS
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	06-05-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	08-17-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB989 report review and efiling of reports. No failiures in the system, everything passed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	09-13-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	hmbp and ust forms approved.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	12-12-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS plan review
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Enforcement Action:

Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Site Address:	230 HARBOR WAY
Site City:	SOUTH SAN FRANCISCO
Site Zip:	94080
Enf Action Date:	04-14-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health

AVIS CAR RENTAL (Continued) **1000374181**

Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Site Address: 230 HARBOR WAY
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 01-22-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 96696
Facility Name: AVIS RENT A CAR SYSTEM
Env Int Type Code: LUSTCS
Program ID: T0608100873
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.650402
Longitude: -122.400620

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 800 East Washington Street
Affiliation City: West Chester
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 19380
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Avis Rent A Car System, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (610) 430-8151,

Affiliation Type Desc: Environmental Contact
Entity Name: Joyce Rizzo
Entity Title: Not reported
Affiliation Address: 800 East Washington Street
Affiliation City: West Chester
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 19380
Affiliation Phone: ,

AVIS CAR RENTAL (Continued) **1000374181**

Affiliation Type Desc:	Identification Signer
Entity Name:	Ronald A Robson
Entity Title:	Regional Director Corp. Design and Construction
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Avis Rent A Car System, LLC
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(610) 430-8151,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	UST Tank Owner
Entity Name:	AVIS Rent a Car System
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(973) 496-6942,

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,

Affiliation Type Desc:	Document Preparer
Entity Name:	Stantec Consulting Services Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

AVIS CAR RENTAL (Continued) **1000374181**

Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	AVIS Rent a Car System
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(973) 496-6942,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	AVIS Rent a Car System
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(973) 496-6942,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Avis Budget Group, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Michael Feeley
Entity Title:	Specialist Fuel Compliance
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(973) 496-3467,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	AVIS Rent a Car System
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36

AVIS CAR RENTAL (Continued) **1000374181**

Affiliation City: Parsippany
Affiliation State: NJ
Affiliation Country: United States
Affiliation Zip: 07054
Affiliation Phone: (973) 496-6942,

Name: AVIS RENT A CAR SYSTEM
Address: 230 HARBOR WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 96696
CERS ID: 10066132
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Violation Date: 01-19-2018
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.
Violation Notes: Returned to compliance on 01/19/2018. No record could be located as to how the 7/21/17 alarm L2 fill sump alarm was cleared and the cause of this alarm. There is no work order available to show that a technician came out to check the sump and clear the alarm. There was an SB 989 on this date and this may be cause of the alarm.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Violation Date: 01-22-2015
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes: Returned to compliance on 01/22/2015. 3 gallons fuel was removed from the turbine sump. I instructed the operator to determine the cause of the leak.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Violation Date: 01-19-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 01/19/2018. send training records within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP

AVIS CAR RENTAL (Continued) **1000374181**

Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 01/21/2020. OBSERVATION: The Veeder Root 322 sensor in the fill sump failed to activate an audible and visual alarm when tested to ensure continuous monitoring of the tank system. The sensor connection to the Veeder Root panel was corrected and retested to pass during the inspection. CORRECTIVE ACTION: Continue to maintain properly functioning monitoring equipment for the UST system.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 03/25/2020. OBSERVATION: Owner/Operator did not maintain a current UST monitoring plan on site. In CERS, UST Monitoring Plan, Under Dispenser Containment (UDC) Monitoring, UDC Leak Sensor Model was listed as 794380-322. This should be listed as 208. In CERS, UST Monitoring Plan, Comments / Additional Information can be updated to include The fill sump is monitored by a Veeder Root 322 sensor. CORRECTIVE ACTION: Within 30 days submit an updated Monitoring Plan at https://cers.calepa.ca.gov/ Maintain a current copy of the UST monitoring plan on site. Within 30 days, submit documentation to the SMC CUPA that a current monitoring plan is maintained on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	12-25-2014
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes:	Returned to compliance on 01/22/2015. Annular space alarms on Sept 14,16 and 17th. No work order was associated with these alarms. All alarms must be responded to promptly. I instructed the facility operator Mr. Crowe to develop a protocol to address alarms.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM

AVIS CAR RENTAL (Continued) **1000374181**

Violation Date:	01-21-2020
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 03/25/2020. OBSERVATION: UST tank information is not current in CERS. In the California Electronic Reporting System (CERS), UST Tank Information, Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction, Vent Piping Transition Sumps was marked as Single-walled. This should be marked as none. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Within 30 days submit an updated UST tank information at https://cers.calepa.ca.gov/
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2015
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 02/02/2015. 208 sensor was at approx a 45 degree angle in the piping sump. 3 gallons of fuel was removed from the other side of the sump. The tech dipped the 208 in the fuel and it was enough to shut down the turbine.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 03/25/2020. OBSERVATION: Facility does not have an approved Monitoring Plan. In CERS, UST Monitoring Plan, Under Dispenser Containment (UDC) Monitoring, UDC Leak Sensor Model was listed as 794380-322. This should be listed as 208. In CERS, UST Monitoring Plan, Comments / Additional Information can be updated to include The fill sump is monitored by a Veeder Root 322 sensor." CORRECTIVE ACTION: Within 30 days submit an updated Monitoring Plan at https://cers.calepa.ca.gov/
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-18-2019
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs and upgrades on site, or off site if approved by the UPA, for the life of the UST.
Violation Notes:	Returned to compliance on 01/18/2019. High liquid annular alarms in

AVIS CAR RENTAL (Continued) **1000374181**

	the alarm history log yet no follow up from 8/18, 9/18 until december. These alarms were noted on the alarm history and DO monthly inspection report. Be sure to follow up on any alarms asap as it could indicate a serious problem.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 01/19/2018. MLLD failed to detect leak at calibrated 3.0 GPH. Technician is adjusting and will re-test. Technician has attempted to adjust the leak detector and it is still not detecting the leak. There is lots of corrosion in there as well. This will need to be replaced.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2016
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.
Violation Notes:	Returned to compliance on 02/19/2016. Sensors for both dispensers failed and do not go into alarm or shut down the pump. These will need to be replaced and re-tested as well as update monitoring plans.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-21-2020
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 02/09/2020. OBSERVATION: Christine Pang performed the 5-9-19, 4-12-19, 3-15-19, 2-15-19, and 1-25-19 monthly designated operator (DO) inspection reports. The San Mateo County (SMC) Certified Unified Program Agency (CUPA) has not been notified within 30 days of the change in facility designated operator. Any changes shall be reported to the CUPA with 30 days. CORRECTIVE ACTION:

AVIS CAR RENTAL (Continued) **1000374181**

	Within 30 days, submit an updated Owner Statement of Designated UST Operator Compliance: to the SMC CUPA at https://cers.calepa.ca.gov/ submit notification to the CUPA identifying all the designated operators for this facility by [date, 30 days from now].
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-19-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 01/19/2018. Amanda Chole listed as secondary emergency contact however it has been noted she is no longer with the company. Update secondary emergency contact within 30 days in CERS online.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2016
Citation:	23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 02/19/2016. UDC sensors failed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-22-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 01/26/2015. The monitoring plan is incorrect. I am rejecting it in CERS. The annular sensor is a 303 not a 302.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96696
Site Name:	AVIS RENT A CAR SYSTEM
Violation Date:	01-18-2019
Citation:	23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description:	Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 02/01/2019. Facility had high liquid alarms in annular space in 9/26/18 and 9/27/18 as well as 8/13, 8/14, and

AVIS CAR RENTAL (Continued) **1000374181**

8/15 however there was no record of maintenance or how this alarm was cleared. In 12/12/18 there was a service technician onsite to troubleshoot the alarm. Is there a reason it took this much time to respond to the alarm? Respond to all UST alarms and ensure there are records available for every alarm on the alarm log as to how they were cleared. These alarms were noted on all of the DO monthly inspection reports yet there was no action taken until December. Be sure these reports are reviewed monthly and signed by operator.

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-19-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-01-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to review recent monitoring certification paperwork, missed annual monitoring cert, following up on reports, training records, etc.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-01-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: review of corrective actions and monitoring system report.
Eval Division: San Mateo County Environmental Health

AVIS CAR RENTAL (Continued) **1000374181**

Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-15-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-17-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-12-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-21-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989 RESULTS REVIEWED AND LOGGED IN
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

AVIS CAR RENTAL (Continued) **1000374181**

Eval General Type:	Other/Unknown
Eval Date:	08-29-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	tank forms updated in CERS, approved
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	01-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	01-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-19-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	01-21-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-21-2020
Violations Found:	Yes

AVIS CAR RENTAL (Continued) **1000374181**

Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. The facility has a 12,000 gallon regular unleaded gasoline tank installed 11/1/2003.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-22-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Hmbp reviewed and accepted. Tank forms also online reviewed and accepted for UST.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-24-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	AMC report received and efiled, reviewed along with overfill prevention paperwork.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-27-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-27-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	processing AMC reports
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-12-2018
Violations Found:	No

AVIS CAR RENTAL (Continued) **1000374181**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-25-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	hmbp updates and ust forms updated
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-05-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-17-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-17-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-19-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	review of HMBP and tank records
Eval Division:	San Mateo County Environmental Health

AVIS CAR RENTAL (Continued) **1000374181**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-04-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: AMC REPORT REVIEW
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: tank forms updated and approved. Facility stated fiberglass tanks but they are actually steel.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

AVIS CAR RENTAL (Continued) **1000374181**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-12-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	01-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	document management
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	02-08-2016
Violations Found:	No

AVIS CAR RENTAL (Continued) **1000374181**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	monitor cert and repairs from failed components documented
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-13-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-26-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST forms updated and approved in CERS
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-05-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-17-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB989 report review and efiling of reports. No failiures in the system, everything passed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-13-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	hmbp and ust forms approved.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-12-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS plan review

AVIS CAR RENTAL (Continued) **1000374181**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Site Address: 230 HARBOR WAY
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 04-14-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 96696
Site Name: AVIS RENT A CAR SYSTEM
Site Address: 230 HARBOR WAY
Site City: SOUTH SAN FRANCISCO
Site Zip: 94080
Enf Action Date: 01-22-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 96696
Facility Name: AVIS RENT A CAR SYSTEM
Env Int Type Code: LUSTCS
Program ID: T0608100873
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.650402
Longitude: -122.400620

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 800 East Washington Street
Affiliation City: West Chester
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 19380
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Avis Rent A Car System, LLC
Entity Title: Not reported
Affiliation Address: Not reported

AVIS CAR RENTAL (Continued) **1000374181**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(610) 430-8151,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Joyce Rizzo
Entity Title:	Not reported
Affiliation Address:	800 East Washington Street
Affiliation City:	West Chester
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	19380
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Ronald A Robson
Entity Title:	Regional Director Corp. Design and Construction
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Avis Rent A Car System, LLC
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(610) 430-8151,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	AVIS Rent a Car System
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(973) 496-6942,
Affiliation Type Desc:	CUPA District

AVIS CAR RENTAL (Continued) **1000374181**

Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Document Preparer
Entity Name:	Stantec Consulting Services Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	AVIS Rent a Car System
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(973) 496-6942,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	AVIS Rent a Car System
Entity Title:	Not reported
Affiliation Address:	6 Sylvan Way Dept. 29-C93-36
Affiliation City:	Parsippany
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07054
Affiliation Phone:	(973) 496-6942,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Avis Budget Group, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

AVIS CAR RENTAL (Continued) **1000374181**

Affiliation Phone: ,

Affiliation Type Desc: UST Permit Applicant
Entity Name: Michael Feeley
Entity Title: Specialist Fuel Compliance
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (973) 496-3467,

Affiliation Type Desc: UST Property Owner Name
Entity Name: AVIS Rent a Car System
Entity Title: Not reported
Affiliation Address: 6 Sylvan Way Dept. 29-C93-36
Affiliation City: Parsippany
Affiliation State: NJ
Affiliation Country: United States
Affiliation Zip: 07054
Affiliation Phone: (973) 496-6942,

BV550 **ALAN BAKER PROPERTY** **LUST** **S117398362**
NNE **180 SYLVESTER ROAD** **CPS-SLIC** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **San Mateo Co. BI CERS**
0.449 mi.
2370 ft. **Site 1 of 5 in cluster BV**

Relative: Higher
Actual: 28 ft.

SAN MATEO CO. LUST:
Name: ALAN BAKER PROPERTY
Address: 180 SYLVESTER RD
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 559192
Facility Status: 5C- Pollution Characterization
Global ID: SL0608174279
APN Number: 015031130
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

CPS-SLIC:
Name: ALAN BAKER PROPERTY
Address: 180 SYLVESTER ROAD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 10/26/2007
Global Id: SL0608174279
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 559192
Latitude: 37.6524275928151
Longitude: -122.405306696892
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported

ALAN BAKER PROPERTY (Continued) **S117398362**

File Location: Local Agency
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Solvents
Site History: Extracted from Environ's November 20, 2009 Remedial Investigation Report and May 21, 2010 Work Plan for Vapor Intrusion, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is located in a commercial and industrial area of South San Francisco on Point San Bruno east of downtown South San Francisco and Highway 101, and approximately 400 feet south-southwest of the intersection of Sylvester Road and East Grand Avenue. The site consists of approximately 3 acres, divided into the Associated Road Parcel, the Alan Baker property, and 105 Associated Road. Development and known historical uses of the site are discussed below. The Associated Road parcel (approximately 1.02 acres) is currently vacant and undeveloped, and is generally unpaved (a small asphalt-paved area islocated at the entrance located at the south). No street address is linked to the Parcel; street frontage consists of approximately 30 feet along Associated Road (from which the Parcel is accessed), west of the intersection with Sylvester Road. S&S Tours, a charter bus company, leased the Parcel from approximately 1997 through 201 for vehicle parking. A prior report and adjacent site personnel stated that the company also washed buses at the Parcel. Mr. Patel later leased the Parcel in approximately 2004-2005 to a private individual for equipment storage. The Parcel is currently used for the parking and storage of trailers, as well as warehouse transfer operations between neighboring sites (105 Associated Road and 160 Sylvester Road). The Alan Baker property consists of two land parcels at 160 and 180 Sylvester Road, respectively, both of which are developed with warehouse-type buildings. Both buildings are predominantly used for warehouse storage space, and include a small percentage (of the overall square footage) that is used as office space. 160 Sylvester Road (approximately 0.87 acres) is occupied by the Alan Baker Company, which operates a storage and distribution warehouse at the property. Based on Environ's observations and understanding from Alan Baker personnel, the warehouse appears to be primarily used by a neighboring business for the storage of dry goods (e.g. spices, dry food products). 180 Sylvester Road (approximately 0.36 acres) is occupied by Weapon-R Competition Products, an automotive aftermarket products retailer and manufacturer. The building at 105 Associated Road, approximately 29,900 square feet, was constructed in 1955. Between approximately 1956 and 1978, the building was occupied for relatively short periods by a variety of light industrial tenants, including the Morris Manufacturing Company (reportedly a store fixture manufacturing company, and also a subsidiary of Kidde fire safety products), a refrigeration company, an auto part assembly and a distribution company, and various sales operations. The current tenant, San Francisco Spice Company, initially occupied the western portion of the building for use as a food product manufacturing and distribution facility in 1977, and took over the entire building in 1989. The eastern portion of the building was occupied by an auto auction warehouse and a furniture assembly and upholstery facility for relatively short periods during the 1980s. Previous investigations at the site conducted by Environ included Phase I and Phase II environmental site assessments of the Associated Road Parcel and 105 Associated Road property completed in 2006 and several soil,

ALAN BAKER PROPERTY (Continued) **S117398362**

groundwater, and/or soil gas investigations conducted in February 2006, October 2006, June 2007, and October 2009. The primary chemicals of concern at the site appear to be chlorinated volatile organic compounds, chiefly tetrachloroethene, trichloroethene, and their breakdown products cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride in soil gas and/or groundwater. These chemicals were detected at concentrations that exceeded San Francisco Regional Water Quality Control Board's residential and/or commercial Environmental Screening Levels for vapor intrusion concerns for soil gas and/or groundwater. Isolated detections of other chemicals in soil gas and/or groundwater beneath the site and vicinity include 1,1-dichloroehane, 1,1-dichloroethene, 1,1,1-trichloroethane, trichlorofluoromethane, 1,1,2-trichlorotrifluoroethane, benzene, toluene, xylenes, and chloroform. Sampling efforts to date have not identified a significant point source of VOCs in soil at the Associated Road Parcel. A soil gas and groundwater "hotspot" appeared to be located beneath the eastern side of the Parcel immediately adjacent to the Alan Baker property, where TCE and cis-1,2-dichloroethene were identified as the primary contaminants present at that location. Maximum concentrations of TCE in soil gas and groundwater and cis-1,2-DCE found in 2006 are above applicable RWQCB Environmental Screening Levels for soil gas and groundwater. PCE was detected at only two sampling locations in soil gas, but at concentrations below ESLs for soil gas under a commercial land use scenario. Previous sampling also identified a hotspot at the Alan Baker property, specifically with the findings of VOCs in soil gas, soil, and groundwater at the east side of the Site, in proximity to the former gasoline UST and the eastern yard area between the buildings at 160 and 180 Sylvester Road. Through 2007, the PCE detections beneath the Alan Baker property were the only detections of PCE found above laboratory reporting limits in soil and groundwater sampling at the Site and adjacent properties during the investigations conducted by Environ. Concentrations of PCE, TCE, and cis-1,2-DCE detected in groundwater samples collected at the Site in June 2007 (sample locations GP-32 and AB-14) were significantly lower (up to one order of magnitude) than the maximum concentrations found in groundwater during previous investigations in March and April 2006.

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:

Name:	WR PRODUCTS
Address:	180 SYLVESTER
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0032089
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0051856
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	WR PRODUCTS
Address:	180 SYLVESTER
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO

ALAN BAKER PROPERTY (Continued) **S117398362**

Facility ID: FA0032089
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0056219
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CERS:
Name: ALAN BAKER PROPERTY
Address: 180 SYLVESTER ROAD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 236495
CERS ID: SL0608174279
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BU551 **LOPEZ PROPERTY** **LUST** **S106966989**
NNW **34-36 S LINDEN AVE** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA**
0.451 mi.
2382 ft. **Site 3 of 7 in cluster BU**

Relative:
Higher

Actual:
27 ft.

SAN MATEO CO. LUST:
Name: LOPEZ PROPERTY
Address: 34-36 S LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 559173
Facility Status: 9- Case Closed
Global ID: T0608110422
APN Number: 014102010
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

BR552 **SAN FRANCISCO INTL** **PFAS** **S127521703**
SE **SFO** **N/A**
1/4-1/2 **SAN FRANCISCO, CA**
0.453 mi.
2394 ft. **Site 2 of 2 in cluster BR**

Relative: **Lower**

Actual: **4 ft.**

PFAS:

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Solid
Chemical:	PFPES
Qualifier:	ND
Value:	1.99
Reporting Limit:	1.99
Detection Limit:	1.99
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	9/5/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63622221
Longitude:	-122.401255
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)

SAN FRANCISCO INTL (Continued) **S127521703**

Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Solid
Chemical:	PFTEDA
Qualifier:	ND
Value:	1.99
Reporting Limit:	1.99
Detection Limit:	1.99
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	9/5/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63622221
Longitude:	-122.401255
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790
Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Solid
Chemical:	PFTEDA
Qualifier:	ND

SAN FRANCISCO INTL (Continued) **S127521703**

Value: 1.99
Reporting Limit: 1.99
Detection Limit: 1.99
Lab Notes: U
Quarterly Running Annual Average: 0
Units: UG/KG
Date: 9/5/2019
Field Pt Class: BH
Site Use: Airport
Site Type: Non-Case Information
Latitude: 37.63622221
Longitude: -122.401255
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name: SAN FRANCISCO INTL
Address: SFO
City,State,Zip: SAN FRANCISCO, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: T10000012790
Facility Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: SB/GW0303
Matrix: Solid
Chemical: PFPES
Qualifier: ND
Value: 1.98
Reporting Limit: 1.98
Detection Limit: 1.98
Lab Notes: U
Quarterly Running Annual Average: 0
Units: UG/KG
Date: 9/5/2019
Field Pt Class: BH
Site Use: Airport
Site Type: Non-Case Information
Latitude: 37.63622221
Longitude: -122.401255
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name: SAN FRANCISCO INTL
Address: SFO

SAN FRANCISCO INTL (Continued) **S127521703**

City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Solid
Chemical:	PFPES
Qualifier:	ND
Value:	2
Reporting Limit:	2
Detection Limit:	2
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	9/5/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63622221
Longitude:	-122.401255
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported

SAN FRANCISCO INTL (Continued) **S127521703**

Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Solid
Chemical:	PFTEDA
Qualifier:	ND
Value:	1.98
Reporting Limit:	1.98
Detection Limit:	1.98
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	9/5/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63622221
Longitude:	-122.401255
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790
Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Solid
Chemical:	PFOSA
Qualifier:	ND
Value:	1.98
Reporting Limit:	1.98
Detection Limit:	1.98
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	9/5/2019

SAN FRANCISCO INTL (Continued) **S127521703**

Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63622221
Longitude:	-122.401255
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Solid
Chemical:	PFOSA
Qualifier:	ND
Value:	1.99
Reporting Limit:	1.99
Detection Limit:	1.99
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	9/5/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63622221
Longitude:	-122.401255
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported

SAN FRANCISCO INTL (Continued) **S127521703**

Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Solid
Chemical:	PFOSA
Qualifier:	ND
Value:	2
Reporting Limit:	2
Detection Limit:	2
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	UG/KG
Date:	9/5/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63622221
Longitude:	-122.401255
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790
Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Liquid

SAN FRANCISCO INTL (Continued) **S127521703**

Chemical:	11ClPF3OUDS
Qualifier:	ND
Value:	2.07
Reporting Limit:	2.07
Detection Limit:	2.07
Lab Notes:	U
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/6/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63622221
Longitude:	-122.401255
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

Name:	SAN FRANCISCO INTL
Address:	SFO
City,State,Zip:	SAN FRANCISCO, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012790
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SB/GW0303
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	=
Value:	165
Reporting Limit:	2.07
Detection Limit:	2.07
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/6/2019
Field Pt Class:	BH
Site Use:	Airport
Site Type:	Non-Case Information
Latitude:	37.63622221
Longitude:	-122.401255
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012790

SAN FRANCISCO INTL (Continued) **S127521703**

Click this hyperlink while viewing on your computer to access
142 additional CA PFAS: record(s) in the EDR Site Report.

BQ553 **TILLO PRODUCTS CO COMPOSTING FACILITY** **SWF/LF** **S102362419**
ESE **175 N. ACCESS RD.** **CERS** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.453 mi.
2394 ft. **Site 6 of 6 in cluster BQ**

Relative:
Higher

Actual:
22 ft.

SWF/LF (SWIS):

Name:	TILLO PRODUCTS CO COMPOSTING FACILITY
Address:	175 N. ACCESS RD.
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility ID:	41-AA-0176
SWIS Number:	41-AA-0176
Point of Contact:	Kelsey Orr
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	South San Francisco
Reporting Agency Legal Name:	County of San Mateo
Reporting Agency Department:	Health Department, Environmental Health Services Division
Enforcing Agency Legal Name:	County of San Mateo
Enforcing Agency Department:	Health Department, Environmental Health Services Division
Regulation Status:	Permitted

Activity:

SWIS Number:	41-AA-0176
Site Name:	Tillo Products Co Composting Facility
Activity:	Sludge Composting Facility
Activity Is Archived:	No
Category:	Composting
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	12/26/2001
Cease Operation Type:	Estimated
Inspection Frequency:	None
Throughput:	5000
Throughput Units:	Cubic Yards per month
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	30000
Capacity Units:	Cubic Yards
Total Acreage:	4
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported

TILLO PRODUCTS CO COMPOSTING FACILITY (Continued) **S102362419**

Permitted Depth Type:	Not reported
Point of Contact:	Kelsey Orr
Site Operational Status:	Closed
Site Regulatory Status:	Permitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	San Mateo
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	South San Francisco
Street Address:	175 N. Access Rd.
City:	South San Francisco
State:	CA
ZIP Code:	94080
Reporting Agency Legal Name:	County of San Mateo
Reporting Agency Department:	Health Department, Environmental Health Services Division
Enforcing Agency Legal Name:	County of San Mateo
Enforcing Agency Department:	Health Department, Environmental Health Services Division

Operator:

SWIS Number:	41-AA-0176
Site Name:	Tillo Products Co Composting Facility
Site Operational Status:	Closed
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	37.64017
Longitude:	-122.39826
Is Archived:	No
Operator:	Tillo Products Co
Started On:	Not reported
Contact Name:	Dave Westerbach
Contact Title:	Owner
Contact Email:	Not reported
Contact Phone:	(415) 589-9033
Street Address:	Po Box 2752
Operator City:	South San Francisco
Operator State:	CA
Operator Zip:	94083

Owner:

SWIS Number:	41-AA-0176
Owner:	So. S.F./San Bruno Water Quality Plant
Owner Address:	195 Belle Aire Rd
Owner City:	South San Francisco
Owner State:	CA
Owner Zip:	94080
Site Name:	Tillo Products Co Composting Facility
Site Operational Status:	Closed
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted

TILLO PRODUCTS CO COMPOSTING FACILITY (Continued) **S102362419**

Latitude:	37.64017
Longitude:	-122.39826
Is Archived:	No
Started On:	Not reported
Contact Name:	David Castagnola
Contact Title:	Director
Contact Email:	Not reported
Contact Phone:	(650) 877-8555

CERS:

Name:	TILLO PRODUCTS CO COMPOSTING FACILITY
Address:	175 N. ACCESS RD.
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Site ID:	512407
CERS ID:	41-AA-0176
CERS Description:	Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	So. S.F./San Bruno Water Quality Plant
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	6508778555,

Affiliation Type Desc:	Legal Operator
Entity Name:	Tillo Products Co
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94083
Affiliation Phone:	4155899033,

BV554 **KB SOUTH SAN FRANCISCO** **LUST** **S109285831**
NNE **175 SYLVESTER** **San Mateo Co. BI** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **Cortese**
0.456 mi. **CERS**
2409 ft. **Site 2 of 5 in cluster BV**

Relative: Higher

Actual: 28 ft.

SAN MATEO CO. LUST:

Name:	KB SOUTH SAN FRANCISCO
Address:	175 SYLVESTER RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550193
Facility Status:	9- Case Closed
Global ID:	T0608128052
APN Number:	015031080
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

KB SOUTH SAN FRANCISCO (Continued) **S109285831**

LUST:
Name: KB SOUTH SAN FRANCISCO
Address: 175 SYLVESTER
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608128052
Global Id: T0608128052
Latitude: 37.6526611871329
Longitude: -122.403928041458
Status: Completed - Case Closed
Status Date: 03/11/2010
Case Worker: JM
RB Case Number: Not reported
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550193
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0608128052
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608128052
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608128052
Action Type: Other
Date: 07/31/2006
Action: Leak Discovery

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 08/31/2006
Action: Notice of Responsibility - #20060831

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 09/12/2007
Action: Staff Letter - #20070912

Global Id: T0608128052

KB SOUTH SAN FRANCISCO (Continued) **S109285831**

Action Type: ENFORCEMENT
Date: 02/15/2007
Action: Notice of Violation - #20070215

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 08/29/2006
Action: Staff Letter - #20060829

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 06/03/2008
Action: Staff Letter - #20080603

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 09/12/2007
Action: Staff Letter - #20070912

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 09/19/2006
Action: Staff Letter - #20060919

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Staff Letter - #20090716

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 04/15/2009
Action: Staff Letter - #20090415

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 03/10/2010
Action: Closure/No Further Action Letter - #20100310

Global Id: T0608128052
Action Type: Other
Date: 08/15/2006
Action: Leak Reported

Global Id: T0608128052
Action Type: RESPONSE
Date: 10/12/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608128052
Action Type: RESPONSE
Date: 02/15/2007
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608128052
Action Type: RESPONSE
Date: 10/24/2007

KB SOUTH SAN FRANCISCO (Continued) **S109285831**

Action: Other Report / Document

Global Id: T0608128052
Action Type: RESPONSE
Date: 12/15/2007
Action: Soil and Water Investigation Workplan

Global Id: T0608128052
Action Type: RESPONSE
Date: 10/21/2008
Action: Soil and Water Investigation Report

Global Id: T0608128052
Action Type: REMEDIATION
Date: 03/14/2007
Action: Other (Use Description Field)

Global Id: T0608128052
Action Type: RESPONSE
Date: 02/25/2010
Action: Well Destruction Report

Global Id: T0608128052
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608128052
Action Type: RESPONSE
Date: 12/19/2006
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 09/30/2009
Action: Staff Letter - #20090930

Global Id: T0608128052
Action Type: ENFORCEMENT
Date: 01/08/2010
Action: Staff Letter - #20100108

LUST:
Global Id: T0608128052
Status: Open - Case Begin Date
Status Date: 07/31/2006

Global Id: T0608128052
Status: Open - Site Assessment
Status Date: 08/16/2006

Global Id: T0608128052
Status: Open - Verification Monitoring
Status Date: 03/03/2010

Global Id: T0608128052
Status: Completed - Case Closed

KB SOUTH SAN FRANCISCO (Continued) **S109285831**

Status Date: 03/11/2010

San Mateo Co. BI:

Name:	UST SITE
Address:	175 SYLVESTER
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0033245
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0052134
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	FORREST FAULKNOR & SONS
Address:	175 SYLVESTER
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0033407
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0052310
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	FORREST FAULKNOR & SONS
Address:	175 SYLVESTER
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0033407
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0052311
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

CORTESE:

Name:	KB SOUTH SAN FRANCISCO
Address:	175 SYLVESTER
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608128052
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported

KB SOUTH SAN FRANCISCO (Continued) **S109285831**

Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	KB SOUTH SAN FRANCISCO
Address:	175 SYLVESTER
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	253264
CERS ID:	T0608128052
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BU555 **FACILITY 10745 TANK #2 (A** **San Mateo Co. BI** **S105026701**
NNW **50 LINDEN** **HIST CORTESE** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.456 mi.
2410 ft. **Site 4 of 7 in cluster BU**

Relative:
Higher

Actual:
29 ft.

San Mateo Co. BI:

Name:	MAXIM BIOTECH INC
Address:	50 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0013834
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0028952
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	MAXIM BIOTECH INC
Address:	50 LINDEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

FACILITY 10745 TANK #2 (A (Continued) **S105026701**

Region: SAN MATEO
Facility ID: FA0013834
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0024216
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SAN ISIDRO PRODUCE
Address: 50 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045495
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0059690
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: MADDEN & NELSON INC
Address: 50 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045506
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0059721
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: MADDEN & NELSON INC
Address: 50 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045506
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0059722
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CHEMUX BIOSCIENCE INC
Address: 50 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028272
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0046795
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CHEMUX BIOSCIENCE INC
Address: 50 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028272

FACILITY 10745 TANK #2 (A (Continued) **S105026701**

Prog Element Code: BUSINESS PLAN - GENERAL
Record Id: PR0065083
Description: BUSINESS PLAN - GENERAL
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

HIST CORTESE:
edr_fname: FACILITY 10745 TANK #2 (A
edr_fadd1: 50 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 2754

BW556 **ROBERT FABRIS** **LUST** **S112871155**
NW **419 S CANAL ST** **HAZNET** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.457 mi.
2414 ft. **Site 1 of 6 in cluster BW**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:
Name: WALL STREET PROPERTIES
Address: 419 S CANAL ST
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550055
Facility Status: 9- Case Closed
Global ID: T0608100613
APN Number: Not reported
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

HAZNET:
Name: ROBERT FABRIS
Address: 419 S CANAL ST
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Contact: ROBERT FABRIS/OWNER
Telephone: 4155889650
Mailing Name: Not reported
Mailing Address: 419 S CANAL ST

Year: 1997
Gepaid: CAC001167888
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: D99 - Disposal, Other
Tons: 0.15

Additional Info:
Year: 1997
Gen EPA ID: CAC001167888

Shipment Date: 19971022

ROBERT FABRIS (Continued) **S112871155**

Creation Date:	3/18/1998 0:00:00
Receipt Date:	19971030
Manifest ID:	95120311
Trans EPA ID:	CAL000138484
Trans Name:	Not reported
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	ROBERT FABRIS
Address:	419 S CANAL ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAC001167888
Inactive Date:	10/25/2000
Create Date:	10/14/1997
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	419 S CANAL ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	ROBERT FABRIS
Owner Address:	419 S CANAL ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact Name:	ROBERT FABRIS/OWNER
Contact Address:	419 S CANAL ST
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000

BW557 **WALL STREET PROPERTIES** **LUST** **S101303266**
NW **419 CANAL** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.457 mi. **Cortese**
2414 ft. **Site 2 of 6 in cluster BW** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
22 ft.

LUST:

Name:	WALL STREET PROPERTIES
Address:	419 SOUTH CANAL STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP

WALL STREET PROPERTIES (Continued) **S101303266**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100613
Global Id:	T0608100613
Latitude:	37.6507663
Longitude:	-122.4155073
Status:	Completed - Case Closed
Status Date:	03/19/2001
Case Worker:	JM
RB Case Number:	41-0642
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550055
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

LUST:

Global Id:	T0608100613
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100613
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100613
Action Type:	Other
Date:	08/25/1989
Action:	Leak Discovery

Global Id:	T0608100613
Action Type:	ENFORCEMENT
Date:	06/18/1997
Action:	Notice of Responsibility - #1

Global Id:	T0608100613
Action Type:	Other
Date:	08/25/1989
Action:	Leak Reported

Global Id:	T0608100613
Action Type:	REMEDIATION
Date:	08/20/1991
Action:	Excavation

Global Id: T0608100613

WALL STREET PROPERTIES (Continued) **S101303266**

Action Type: REMEDIATION
Date: 08/20/1991
Action: Pump & Treat (P&T) Groundwater

LUST:
Global Id: T0608100613
Status: Open - Case Begin Date
Status Date: 08/25/1989

Global Id: T0608100613
Status: Completed - Case Closed
Status Date: 03/19/2001

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550055
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: Y & R TIRE
Address: 419 S CANAL
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 5207
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-005207-000001
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 1

San Mateo Co. BI:
Name: AUTO CONCEPTS
Address: 419 CANAL

WALL STREET PROPERTIES (Continued) **S101303266**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0009471
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0004318
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: AUTO CONCEPTS
Address: 419 CANAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0009471
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011643
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: WALL STREET PROPERTIES
Address: 419 SOUTH CANAL STREET
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100613
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: WALL STREET PROPERTIES
edr_fadd1: 419 CANAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0642

WALL STREET PROPERTIES (Continued) **S101303266**

CERS:
Name: WALL STREET PROPERTIES
Address: 419 SOUTH CANAL STREET
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 248126
CERS ID: T0608100613
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

BU558 **UNKNOWN** **HIST CORTESE** **S110060929**
NNW **58 LINDEN** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.459 mi.
2423 ft. **Site 5 of 7 in cluster BU**

Relative:
Higher

Actual:
30 ft.

HIST CORTESE:
edr_fname: UNKNOWN
edr_fadd1: 58 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0802

BU559 **SUN CHEMICAL** **CPS-SLIC** **S101641919**
NNW **20 LINDEN AVE S** **CERS** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.464 mi.
2451 ft. **Site 6 of 7 in cluster BU**

Relative:
Higher

Actual:
33 ft.

SLIC REG 2:
Region: 2
Facility ID: 41S0007
Facility Status: Remediation Plan
Date Closed: Not reported

SUN CHEMICAL (Continued) **S101641919**

Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: 2/23/1987
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Name:	SUN CHEMICAL
Address:	20 LINDEN AVE S
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/01/1990
Global Id:	T0608191578
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	550032
Latitude:	37.651408
Longitude:	-122.412003
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	41S0007
File Location:	Not reported
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	SUN CHEMICAL
Address:	20 LINDEN AVE S
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	225617
CERS ID:	T0608191578
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported

SUN CHEMICAL (Continued) **S101641919**

Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BU560 **SUN CHEMICAL** **SEMS-ARCHIVE** **1003878681**
NNW **20-40 S LINDEN AVE** **CAD980817506**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.464 mi.
2451 ft. **Site 7 of 7 in cluster BU**

Relative:
Higher

Actual:
33 ft.

SEMS Archive:

Site ID:	0902080
EPA ID:	CAD980817506
Name:	SUN CHEMICAL
Address:	20-40 S LINDEN AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Cong District:	11
FIPS Code:	06081
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0902080
EPA ID:	CAD980817506
Site Name:	SUN CHEMICAL
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1987-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0902080
EPA ID:	CAD980817506
Site Name:	SUN CHEMICAL
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-12-01 06:00:00
Finish Date:	1987-12-01 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

SUN CHEMICAL (Continued) **1003878681**

Region:	09
Site ID:	0902080
EPA ID:	CAD980817506
Site Name:	SUN CHEMICAL
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1983-03-01 05:00:00
Finish Date:	1983-03-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

BS561 **VINCE'S SHELLFISH CO** **Cortese** **S113141767**
SSW **1063 MONTGOMERY AVE** **HAZNET** **N/A**
1/4-1/2 **SAN BRUNO, CA 94066** **HWTS**
0.465 mi.
2455 ft. **Site 2 of 4 in cluster BS**

Relative:
Higher

Actual:
27 ft.

CORTESE:

Name:	VINCE'S SHELLFISH
Address:	1063 MONTGOMERY
City,State,Zip:	SAN BRUNO, CA 94066
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100990
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HAZNET:

Name:	VINCE'S SHELLFISH CO
Address:	1063 MONTGOMERY AVE
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 94066
Contact:	TIM WIELAND
Telephone:	6505895385
Mailing Name:	Not reported
Mailing Address:	PO BOX 326

VINCE'S SHELLFISH CO (Continued) **S113141767**

Year:	2007
Gepaid:	CAL000305067
TSD EPA ID:	TXD055135388
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.35445
Year:	2007
Gepaid:	CAL000305067
TSD EPA ID:	TXD982560294
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.03
Year:	2007
Gepaid:	CAL000305067
TSD EPA ID:	TXD982560294
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	-
Tons:	0.0075
Year:	2007
Gepaid:	CAL000305067
TSD EPA ID:	TXD982560294
CA Waste Code:	-
Disposal Method:	-
Tons:	0.06
Year:	2007
Gepaid:	CAL000305067
TSD EPA ID:	TXD982560294
CA Waste Code:	-
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.2677
Year:	2007
Gepaid:	CAL000305067
TSD EPA ID:	TXD982560294
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	-
Tons:	0.003
Year:	2007
Gepaid:	CAL000305067
TSD EPA ID:	CAD008252405
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.019
Year:	2006
Gepaid:	CAL000305067
TSD EPA ID:	TXD055135388
CA Waste Code:	-
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.2502

VINCE'S SHELLFISH CO (Continued) **S113141767**

Year: 2006
Gepaid: CAL000305067
TSD EPA ID: TXD982560294
CA Waste Code: -
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.1726

Year: 2006
Gepaid: CAL000305067
TSD EPA ID: TXD982560294
CA Waste Code: -
Disposal Method: -
Tons: 0.0205

Click this hyperlink while viewing on your computer to access
5 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2007
Gen EPA ID: CAL000305067

Shipment Date: 20070221
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000117748FLE
Trans EPA ID: CAR000159459
Trans Name: NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID: CAL000203444
Trans 2 Name: RUST AND SONS TRUCKING
TSDF EPA ID: TXD982560294
Trans Name: NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D011
Meth Code: - Not reported
Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070221
Creation Date: 7/22/2008 18:30:07
Receipt Date: 20070309
Manifest ID: 000117748FLE
Trans EPA ID: CAR000159459
Trans Name: NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID: CAL000203444
Trans 2 Name: RUST AND SONS TRUCKING
TSDF EPA ID: TXD982560294
Trans Name: NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID: Not reported

VINCE'S SHELLFISH CO (Continued) **S113141767**

TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070221
Creation Date:	7/22/2008 18:30:07
Receipt Date:	20070309
Manifest ID:	000117748FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	U151
Meth Code:	- Not reported
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070221
Creation Date:	7/22/2008 18:30:07
Receipt Date:	20070309
Manifest ID:	000117748FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

VINCE'S SHELLFISH CO (Continued) **S113141767**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070221
Creation Date:	7/22/2008 18:30:07
Receipt Date:	20070309
Manifest ID:	000117748FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070221
Creation Date:	9/20/2007 18:30:07
Receipt Date:	20070309
Manifest ID:	000117741FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070221
Creation Date:	8/28/2007 18:30:20
Receipt Date:	20070309
Manifest ID:	000117739FLE
Trans EPA ID:	CAR000159459

VINCE'S SHELLFISH CO (Continued) **S113141767**

Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD055135388
Trans Name:	SET ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070221
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000117748FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070221
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000117748FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap

VINCE'S SHELLFISH CO (Continued) **S113141767**

RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070221
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000117748FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000305067
Shipment Date:	20061129
Creation Date:	10/24/2007 18:30:14
Receipt Date:	20061215
Manifest ID:	000118302FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD055135388
Trans Name:	SET ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02085
Waste Quantity:	5

VINCE'S SHELLFISH CO (Continued) **S113141767**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061129
Creation Date:	10/24/2007 18:30:14
Receipt Date:	20061215
Manifest ID:	000118302FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD055135388
Trans Name:	SET ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061101
Creation Date:	7/6/2007 18:30:05
Receipt Date:	20061117
Manifest ID:	000118679FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD055135388
Trans Name:	SET ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061023

VINCE'S SHELLFISH CO (Continued) **S113141767**

Creation Date:	7/6/2007 18:30:05
Receipt Date:	20061103
Manifest ID:	000118411FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060920
Creation Date:	6/29/2007 18:30:33
Receipt Date:	20061006
Manifest ID:	000118724FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060913
Creation Date:	5/6/2008 18:30:08
Receipt Date:	20060922
Manifest ID:	000118741FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC

VINCE'S SHELLFISH CO (Continued) **S113141767**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060913
Creation Date:	5/6/2008 18:30:08
Receipt Date:	20060922
Manifest ID:	000118741FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060913
Creation Date:	5/6/2008 18:30:08
Receipt Date:	20060922
Manifest ID:	000118741FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	Not reported

VINCE'S SHELLFISH CO (Continued) **S113141767**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060913
Creation Date:	7/13/2007 18:30:17
Receipt Date:	20060922
Manifest ID:	000118775FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD055135388
Trans Name:	SET ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060913
Creation Date:	5/6/2008 18:30:08
Receipt Date:	20060922
Manifest ID:	000118741FLE
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI/RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000305067

VINCE'S SHELLFISH CO (Continued) **S113141767**

Shipment Date:	20040312
Creation Date:	10/14/2004 7:35:58
Receipt Date:	20040323
Manifest ID:	22862930
Trans EPA ID:	CAD000603738
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAD981634116
Trans 2 Name:	RUST AND SONS TRUCKING
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1375
Waste Quantity:	275
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	VINCE'S SHELLFISH CO
Address:	1063 MONTGOMERY AVE
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 94066
EPA ID:	CAL000305067
Inactive Date:	06/30/2008
Create Date:	04/03/2006
Last Act Date:	04/23/2009
Mailing Name:	Not reported
Mailing Address:	PO BOX 326
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN BRUNO, CA 940660000
Owner Name:	VINCENT SVEDISE
Owner Address:	1063 MONTGOMERY AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN BRUNO, CA 940660000
Contact Name:	TIM WIELAND
Contact Address:	PO BOX 326
Contact Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 940660000

NAICS:

EPA ID:	CAL000305067
Create Date:	2006-04-03 13:37:29.450
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2006-04-03 13:37:29.40300
Inactive Date:	2008-06-30 00:00:00
Facility Name:	VINCE'S SHELLFISH CO
Facility Address:	1063 MONTGOMERY AVE
Facility Address 2:	Not reported
Facility City:	SAN BRUNO

VINCE'S SHELLFISH CO (Continued) **S113141767**

Facility County: Not reported
Facility State: CA
Facility Zip: 94066

BS562 **VINCE'S SHELLFISH** **LUST** **S104494348**
SSW **1063 MONTGOMERY** **N/A**
1/4-1/2 **SAN BRUNO, CA 94066**
0.465 mi.
2455 ft. **Site 3 of 4 in cluster BS**

Relative:
Higher

Actual:
27 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 880045
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

BS563 **VINCE'S SHELLFISH** **LUST** **S102269916**
SSW **1063 MONTGOMERY** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN BRUNO, CA 94066** **HIST CORTESE**
0.465 mi.
2455 ft. **Site 4 of 4 in cluster BS**

Relative:
Higher

Actual:
27 ft.

SAN MATEO CO. LUST:
Name: VINCE'S SHELLFISH
Address: 1063 MONTGOMERY AVE
City,State,Zip: SAN BRUNO, CA
Region: SAN MATEO
Facility ID: 880045
Facility Status: 9- Case Closed
Global ID: T0608100990
APN Number: Not reported
Case Type: SAN BRUNO, CA
EDR Link ID: SAN BRUNO, CA

LUST:
Name: VINCE'S SHELLFISH
Address: 1063 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100990
Global Id: T0608100990
Latitude: 37.635843
Longitude: -122.412368

VINCE'S SHELLFISH (Continued) **S102269916**

Status: Completed - Case Closed
Status Date: 01/01/2002
Case Worker: JM
RB Case Number: 41-1079
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 880045
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0608100990
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100990
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100990
Action Type: ENFORCEMENT
Date: 02/13/1998
Action: Notice of Responsibility - #1

Global Id: T0608100990
Action Type: Other
Date: 01/20/1998
Action: Leak Reported

LUST:
Global Id: T0608100990
Status: Open - Case Begin Date
Status Date: 01/20/1998

Global Id: T0608100990
Status: Completed - Case Closed
Status Date: 01/01/2002

San Mateo Co. BI:
Name: VINCES SHELL FISH COMPANY
Address: 1063 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO

VINCE'S SHELLFISH (Continued) **S102269916**

Facility ID: FA0018210
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023746
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: VINCES SHELL FISH COMPANY
Address: 1063 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018210
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022936
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: VINCES SHELL FISH COMPANY
Address: 1063 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018210
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043486
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: VINCES SHELL FISH COMPANY
Address: 1063 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018210
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0050588
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: VINCES SHELLFISH CO INC
Address: 1063 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0052087
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0072240
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: VINCES SHELLFISH CO INC
Address: 1063 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0052087
Prog Element Code: STORES MV FUELS OR WASTE ONLY

VINCE'S SHELLFISH (Continued) **S102269916**

Record Id: PR0072239
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

HIST CORTESE:
edr_fname: VINCE'S SHELLFISH
edr_fadd1: 1063 MONTGOMERY
City,State,Zip: SAN BRUNO, CA 94066
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1079

BX564 **BOOTH, MARTIN F** **San Mateo Co. BI** **S105026715**
NW **161 STARLIGHT** **HIST CORTESE** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.480 mi.
2534 ft. **Site 1 of 4 in cluster BX**

Relative: Higher
Actual: 22 ft.

San Mateo Co. BI:
Name: BOOTH, MARTIN F
Address: 161 STARLIGHT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0007016
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022001
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

HIST CORTESE:
edr_fname: VALLEY SHEET METAL
edr_fadd1: 161 STARLIGHT
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0630

BX565 **VALLEY SHEET METAL** **LUST** **S101623141**
NW **161 STARLITE** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **HIST UST**
0.481 mi. **CA FID UST**
2539 ft. **Site 2 of 4 in cluster BX** **San Mateo Co. BI**
Cortese
Relative: Higher **DRYCLEANERS**
CERS
Actual: 22 ft. **HWTS**

SAN MATEO CO. LUST:
Name: VALLEY SHEET METAL
Address: 161 STARLITE ST
City,State,Zip: SOUTH SAN FRANCISCO, CA

VALLEY SHEET METAL (Continued) **S101623141**

Region: SAN MATEO
Facility ID: 550035
Facility Status: 9- Case Closed
Global ID: T0608100602
APN Number: 014081220
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: VALLEY SHEET METAL
Address: 161 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100602
Global Id: T0608100602
Latitude: 37.648623
Longitude: -122.41691
Status: Completed - Case Closed
Status Date: 11/12/1991
Case Worker: JM
RB Case Number: 41-0630
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550035
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100602
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100602
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100602
Action Type: Other
Date: 04/25/1989
Action: Leak Discovery

Global Id: T0608100602
Action Type: ENFORCEMENT
Date: 04/25/1989

VALLEY SHEET METAL (Continued) **S101623141**

Action: Notice of Responsibility - #1

Global Id: T0608100602
Action Type: Other
Date: 04/25/1989
Action: Leak Reported

LUST:
Global Id: T0608100602
Status: Open - Case Begin Date
Status Date: 04/25/1989

Global Id: T0608100602
Status: Completed - Case Closed
Status Date: 11/12/1991

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550035
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: VALLEY SHEET METAL
Address: 161 STARLITE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 503
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-000503-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 1

VALLEY SHEET METAL (Continued) **S101623141**

HIST UST:

Name:	VALLEY SHEET METAL CO INC
Address:	161 STARLITE STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
File Number:	0002BB68
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BB68.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	41000992
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	161 STARLITE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	S SAN FRANCISCO 94080
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

San Mateo Co. BI:

Name:	VALLEY SHEET METAL CO
Address:	161 STARLITE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0012723
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004518
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF

VALLEY SHEET METAL (Continued) **S101623141**

Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: ROYAL LAUNDRY
Address: 161 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0052158
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0072346
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ROYAL LAUNDRY
Address: 161 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0052158
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0072345
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: US AIR CONDITIONING
Address: 161 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045442
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0059397
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: VALLEY SHEET METAL
Address: 161 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100602
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported

VALLEY SHEET METAL (Continued) **S101623141**

WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

DRYCLEANERS:
Name: AMERICAN ETC INC DBA ROYAL LAUNDRY
Address: 161 STARLITE ST
City,State,Zip: S SAN FRAN, CA 94080
EPA Id: CAL000377904
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 09/06/2012
Facility Active: No
Inactive Date: 06/30/2018
Facility Addr2: Not reported
Owner Name: KENN EDWARDS
Owner Address: 1140 SAN MATEO AVE
Owner Address 2: Not reported
Owner Telephone: 6508735353
Contact Name: MOE NABULSI
Contact Address: 1140 SAN MATEO AVE
Contact Address 2: Not reported
Contact Telephone: 6503337140
Contact Fax: 0
Mailing Name: Not reported
Mailing Address 1: 1140 SAN MATEO AVE
Mailing Address 2: Not reported
Mailing City: SOUTH SAN FRANCISCO
Mailing State: CA
Mailing Zip: 940800000
Owner Fax: 6508735380
Region Code: 2
Latitude: 0
Longitude: 0

CERS:
Name: VALLEY SHEET METAL
Address: 161 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 202054
CERS ID: T0608100602
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

VALLEY SHEET METAL (Continued) **S101623141**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	AMERICAN ETC INC DBA ROYAL LAUNDRY
Address:	161 STARLITE ST
Address 2:	Not reported
City,State,Zip:	S SAN FRAN, CA 94080
EPA ID:	CAL000377904
Inactive Date:	06/30/2018
Create Date:	09/06/2012
Last Act Date:	10/05/2018
Mailing Name:	Not reported
Mailing Address:	1140 SAN MATEO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	KENN EDWARDS
Owner Address:	1140 SAN MATEO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940806602
Contact Name:	MOE NABULSI
Contact Address:	1140 SAN MATEO AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

NAICS:

EPA ID:	CAL000377904
Create Date:	2012-09-06 15:51:00.933
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2012-09-06 15:51:00.90300
Inactive Date:	2018-06-30 00:00:00
Facility Name:	AMERICAN ETC INC DBA ROYAL LAUNDRY
Facility Address:	161 STARLITE ST
Facility Address 2:	Not reported
Facility City:	S SAN FRAN
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94080

BW566 **MORENA TRUST** **CPS-SLIC** **S112142844**
NW **437 SOUTH CANAL STREET** **CERS** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.481 mi.
2541 ft. **Site 3 of 6 in cluster BW**

Relative:
Higher

Actual:
22 ft.

CPS-SLIC:

Name:	MORENA TRUST
Address:	437 SOUTH CANAL STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	09/04/2012
Global Id:	T10000004255
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number:	Not reported
Latitude:	37.650476
Longitude:	-122.415933
Case Type:	Cleanup Program Site
Case Worker:	JT
Local Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number:	Not reported
File Location:	State Records Center
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Trichloroethylene (TCE), Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Site opened 9/4/2012

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	MORENA TRUST
Address:	437 SOUTH CANAL STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	204178
CERS ID:	T10000004255
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

BV567 **ALLAN BAKER COMPANY** **LUST** **S100234227**
NNE **160 SYLVESTER** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.482 mi. **HIST CORTESE**
2547 ft. **Site 3 of 5 in cluster BV** **WDS**
CERS

Relative:
Higher

Actual:
28 ft.

SAN MATEO CO. LUST:

Name:	ALLAN BAKER COMPANY
Address:	160 SYLVESTER RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA

ALLAN BAKER COMPANY (Continued) **S100234227**

Region: SAN MATEO
Facility ID: 550059
Facility Status: 9- Case Closed
Global ID: T0608100012
APN Number: 015031150
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: ALLAN BAKER COMPANY
Address: 160 SYLVESTER ROAD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100012
Global Id: T0608100012
Latitude: 37.6528098376798
Longitude: -122.404987514019
Status: Completed - Case Closed
Status Date: 10/25/2000
Case Worker: JM
RB Case Number: 41-0012
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550059
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100012
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100012
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100012
Action Type: Other
Date: 11/20/1989
Action: Leak Discovery

Global Id: T0608100012
Action Type: ENFORCEMENT
Date: 04/09/1992

ALLAN BAKER COMPANY (Continued) **S100234227**

Action: Notice of Responsibility - #1

Global Id: T0608100012
Action Type: Other
Date: 11/20/1989
Action: Leak Reported

LUST:
Global Id: T0608100012
Status: Open - Case Begin Date
Status Date: 11/20/1989

Global Id: T0608100012
Status: Completed - Case Closed
Status Date: 10/25/2000

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550059
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: ALAN BAKER CO INC
Address: 160 SYLVESTER
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017675
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022579
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: ALAN BAKER SUPPLY COMPANY, LLC
Address: 160 SYLVESTER
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0054669
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0075382
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

ALLAN BAKER COMPANY (Continued) **S100234227**

CORTESE:

Name:	ALLAN BAKER COMPANY
Address:	160 SYLVESTER ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100012
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	ALLAN BAKER COMPANY
edr_fadd1:	160 SYLVESTER
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0012

WDS:

Name:	ALAN BAKER COMPANY
Address:	160 SYLVESTER RD
City:	SOUTH SAN FRANCISCO
Facility ID:	San Francisco Bay 41I010715
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	ALAN BAKER COMPANY
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	0
SIC Code 2:	Not reported

ALLAN BAKER COMPANY (Continued) **S100234227**

Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name:	ALLAN BAKER COMPANY
Address:	160 SYLVESTER ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	196586
CERS ID:	T0608100012
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BV568 **PONY EXPRESS** **LUST** **S101303300**
NNE **108 SYLVESTER** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.483 mi. **HIST CORTESE**
2551 ft. **Site 4 of 5 in cluster BV** **CERS**

Relative:
Higher

Actual:
28 ft.

SAN MATEO CO. LUST:

Name:	PONY EXPRESS
Address:	108 SYLVESTER RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550047
Facility Status:	9- Case Closed
Global ID:	T0608100402
APN Number:	Not reported
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	PONY EXPRESS
Address:	108 SYLVESTER
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100402
Global Id:	T0608100402
Latitude:	37.653555
Longitude:	-122.404
Status:	Completed - Case Closed
Status Date:	03/16/2000
Case Worker:	JM
RB Case Number:	41-0423
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550047
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100402
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100402
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

PONY EXPRESS (Continued) **S101303300**

LUST:
Global Id: T0608100402
Action Type: Other
Date: 12/30/1988
Action: Leak Discovery

Global Id: T0608100402
Action Type: ENFORCEMENT
Date: 07/06/1989
Action: Notice of Responsibility - #1

Global Id: T0608100402
Action Type: Other
Date: 12/30/1988
Action: Leak Reported

LUST:
Global Id: T0608100402
Status: Open - Case Begin Date
Status Date: 12/30/1988

Global Id: T0608100402
Status: Completed - Case Closed
Status Date: 03/16/2000

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550047
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: SOMERSET STUDIOS
Address: 108 SYLVESTER
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026463
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0038360
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

PONY EXPRESS (Continued) **S101303300**

CORTESE:
Name: PONY EXPRESS
Address: 108 SYLVESTER
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100402
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: PONY EXPRESS
edr_fadd1: 108 SYLVESTER
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0423

CERS:
Name: PONY EXPRESS
Address: 108 SYLVESTER
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 252629
CERS ID: T0608100402
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP

PONY EXPRESS (Continued) **S101303300**

Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BV569 **VACENT LOT** **Notify 65** **S100179788**
NNE **108 SYLVESTER ROAD** **N/A**
1/4-1/2 **SOUTH SAN FRANCI, CA 94080**
0.483 mi.
2551 ft. **Site 5 of 5 in cluster BV**

Relative:
Higher

Actual:
28 ft.

NOTIFY 65:

Name:	VACENT LOT
Address:	108 SYLVESTER ROAD
City,State,Zip:	SOUTH SAN FRANCI, CA 94080
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

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570 **OLYMPIAN GATEWAY** **LUST** **S106117989**
NNE **176 GATEWAY** **CERS HAZ WASTE** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **CERS TANKS**
0.484 mi. **San Mateo Co. BI**
2557 ft. **Cortese**
CERS

Relative:
Lower

Actual:
14 ft.

SAN MATEO CO. LUST:

Name:	OLYMPIAN GATEWAY
Address:	176 GATEWAY BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550174
Facility Status:	9- Case Closed
Global ID:	T0608149730
APN Number:	015031230
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	OLYMPIAN GATEWAY
Address:	176 GATEWAY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608149730
Global Id:	T0608149730

OLYMPIAN GATEWAY (Continued) **S106117989**

Latitude:	37.65248
Longitude:	-122.401976
Status:	Completed - Case Closed
Status Date:	02/26/2004
Case Worker:	JM
RB Case Number:	Not reported
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550174
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0608149730
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608149730
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608149730
Action Type:	Other
Date:	06/28/2002
Action:	Leak Discovery

Global Id:	T0608149730
Action Type:	ENFORCEMENT
Date:	02/26/2004
Action:	Closure/No Further Action Letter - #20040226

Global Id:	T0608149730
Action Type:	ENFORCEMENT
Date:	08/20/2003
Action:	Staff Letter - #20030820

Global Id:	T0608149730
Action Type:	ENFORCEMENT
Date:	07/17/2002
Action:	Notice of Responsibility - #1

Global Id:	T0608149730
Action Type:	ENFORCEMENT
Date:	12/18/2002
Action:	Staff Letter - #20021218

OLYMPIAN GATEWAY (Continued) **S106117989**

Global Id: T0608149730
Action Type: Other
Date: 06/28/2002
Action: Leak Reported

Global Id: T0608149730
Action Type: RESPONSE
Date: 06/18/2003
Action: Soil and Water Investigation Report

Global Id: T0608149730
Action Type: RESPONSE
Date: 10/29/2003
Action: Electronic Reporting Submittal Due

LUST:
Global Id: T0608149730
Status: Open - Case Begin Date
Status Date: 06/28/2002

Global Id: T0608149730
Status: Open - Site Assessment
Status Date: 06/28/2002

Global Id: T0608149730
Status: Open - Verification Monitoring
Status Date: 08/20/2003

Global Id: T0608149730
Status: Completed - Case Closed
Status Date: 02/26/2004

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550174
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/1/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 8/20/2003

CERS HAZ WASTE:
Name: SPEEDWAY NO. 1472
Address: 176 GATEWAY BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 425302
CERS ID: 10741978

OLYMPIAN GATEWAY (Continued) **S106117989**

CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: SPEEDWAY NO. 1472
Address: 176 GATEWAY BLVD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 425302
CERS ID: 10741978
CERS Description: Underground Storage Tank

San Mateo Co. BI:
Name: NELLA OIL #219
Address: 176 GATEWAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024001
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0028247
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: NELLA OIL #219
Address: 176 GATEWAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024001
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0039675
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: NELLA OIL #219
Address: 176 GATEWAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024001
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0029285
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: G & S TRUCK WASH
Address: 176 GATEWAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0036755
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0053731
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: MG TRUCK WASH

OLYMPIAN GATEWAY (Continued) **S106117989**

Address:	176 GATEWAY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0040316
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0056349
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

CORTESE:

Name:	OLYMPIAN GATEWAY
Address:	176 GATEWAY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608149730
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	OLYMPIAN GATEWAY
Address:	176 GATEWAY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	198075
CERS ID:	T0608149730
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP

OLYMPIAN GATEWAY (Continued) **S106117989**

Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,
Name:	SPEEDWAY NO. 1472
Address:	176 GATEWAY BLVD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	425302
CERS ID:	10741978
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	425302
Site Name:	SPEEDWAY No. 1472
Violation Date:	05-23-2019
Citation:	23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description:	"Failure to submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days after the inspection. "
Violation Notes:	Returned to compliance on 05/23/2019. Diesel tank overfill results were not available in the file. However this was provided during the inspection. All drop tubes were set at over 95% and need to be replaced. This has been taken care of.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-07-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	approevd UST pages and certified HMBP
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-08-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	new tank forms and FR forms submitted and approved
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-06-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	sb 989 repairs docs efiled.

OLYMPIAN GATEWAY (Continued) **S106117989**

Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Waste solids from the car wash get pumped out and shipped as non haz. Last pump out was March 2021. World Oil picks up the Hazardous Waste as needed. Last pick up was also in March 2021
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-17-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-23-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

OLYMPIAN GATEWAY (Continued) **S106117989**

Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-12-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: virtual inspection
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Last HMBP submitted in November 2020. Next submittal is due in November 2021
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: AMC report receieved, reviewed, and efiled. violations addded for 91 spil bucket not holding 5 gal capacity minimum.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-27-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: overfill prevention records request.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-06-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: overfill docs investigation and locating documents from contractor including first failed test in feb 2019 and second passing results filed/

OLYMPIAN GATEWAY (Continued) **S106117989**

Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-02-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS UST forms updated for DO and other tank form updates.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-12-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989 test report received and reviewed however there are several failures that will require additional follow up.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-13-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-15-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: tank and facility pages updated in CERS
Eval Division: San Mateo County Environmental Health
Eval Program: UST

OLYMPIAN GATEWAY (Continued) **S106117989**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-22-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-15-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: tank updates via cers
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-26-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: updating facility inspection dates etc after ownership changes.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: updated UST and HMBP forms approved
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-10-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: new tank forms and HMBP submitted in CERS
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: SMCOULTER@SPEEDWAY.COM SSS on site for monitoring cert. No violations noted. Electronic LLD on Diesel took approximately 15 minutes to catch the leak
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS,

OLYMPIAN GATEWAY (Continued) **S106117989**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-23-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	06-10-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	06-10-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	amc docs receievd and efiled.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	08-16-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	09-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	09-06-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	10-02-2017
Violations Found:	No

OLYMPIAN GATEWAY (Continued) **S106117989**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	tank forms updated
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-07-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-22-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	permit processing and consult
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	11-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Coordinates:

Site ID:	425302
Facility Name:	SPEEDWAY No. 1472
Env Int Type Code:	HMBP
Program ID:	10741978
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.652200
Longitude:	-122.402010

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	STEPHEN M. COULTER
Entity Title:	Not reported
Affiliation Address:	ATTN: ENV. DEPT. 500 SPEEDWAY DR
Affiliation City:	ENON
Affiliation State:	OH
Affiliation Country:	Not reported
Affiliation Zip:	45323
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	WESTERN REFINING RETAIL, LLC

OLYMPIAN GATEWAY (Continued) **S106117989**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(937) 863-7377,
Affiliation Type Desc:	Property Owner
Entity Name:	TRMC RETAIL LLC
Entity Title:	Not reported
Affiliation Address:	ATTN: ENV. DEPT. 500 SPEEDWAY DR
Affiliation City:	ENON
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	45323
Affiliation Phone:	(937) 863-7377,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	WESTERN REFINING RETAIL, LLC
Entity Title:	Not reported
Affiliation Address:	ATTN: ENV. DEPT. 500 SPEEDWAY DR
Affiliation City:	ENON
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	45323
Affiliation Phone:	(937) 863-7377,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	TRMC RETAIL LLC
Entity Title:	Not reported
Affiliation Address:	ATTN: ENV. DEPT. 500 SPEEDWAY DR
Affiliation City:	ENON
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	45323
Affiliation Phone:	(937) 863-7377,
Affiliation Type Desc:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

OLYMPIAN GATEWAY (Continued) **S106117989**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	ATTN: ENVIRONMENTAL DEPT. 500 SPEEDWAY DR.
Affiliation City:	ENON
Affiliation State:	OH
Affiliation Country:	Not reported
Affiliation Zip:	45323
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	TERESA A. MILES
Entity Title:	PACIFIC DIVISION ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	TRMC RETAIL LLC
Entity Title:	Not reported
Affiliation Address:	ATTN: ENV. DEPT. 500 SPEEDWAY DR
Affiliation City:	ENON
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	45323
Affiliation Phone:	(937) 863-7377,

Affiliation Type Desc:	UST Tank Owner
Entity Name:	TRMC RETAIL LLC
Entity Title:	Not reported
Affiliation Address:	ATTN: ENV. DEPT. 500 SPEEDWAY DR
Affiliation City:	ENON
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	45323
Affiliation Phone:	(937) 863-7377,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Speedway
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

BW571 **JAPAN PARTS** **LUST** **S113075789**
NW **428 N CANAL ST** **HAZNET** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HWTS**
0.485 mi.
2560 ft. **Site 4 of 6 in cluster BW**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:

Name:	EL CAMINO LINES
Address:	428 N CANAL ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550119
Facility Status:	9- Case Closed
Global ID:	T0608100695
APN Number:	Not reported
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HAZNET:

Name:	JAPAN PARTS
Address:	428 N CANAL ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Contact:	FRANK CHEUNG
Telephone:	4158719191
Mailing Name:	Not reported
Mailing Address:	428 N CANAL ST
Year:	2000
Gepaid:	CAL000138790
TSD EPA ID:	CAL000048571
CA Waste Code:	-
Disposal Method:	R01 - Recycler
Tons:	0.1042
Year:	1999
Gepaid:	CAL000138790
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	R01 - Recycler
Tons:	0.3127
Year:	1999
Gepaid:	CAL000138790
TSD EPA ID:	CAL000161743
CA Waste Code:	-
Disposal Method:	H01 - Transfer Station
Tons:	0.3252
Year:	1999
Gepaid:	CAL000138790
TSD EPA ID:	CAL000161743
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H01 - Transfer Station
Tons:	0.2293
Year:	1998
Gepaid:	CAL000138790
TSD EPA ID:	CAL000048571

JAPAN PARTS (Continued) **S113075789**

CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.378
Year:	1998
Gepaid:	CAL000138790
TSD EPA ID:	CAL000161743
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H01 - Transfer Station
Tons:	0.2293

Additional Info:

Year:	1998
Gen EPA ID:	CAL000138790
Shipment Date:	19981112
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981113
Manifest ID:	98002988
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000161743
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981026
Creation Date:	1/5/1999 0:00:00
Receipt Date:	19981027
Manifest ID:	96826903
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000048571
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.378

JAPAN PARTS (Continued) **S113075789**

Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000138790
Shipment Date:	19991104
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991105
Manifest ID:	98507781
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000161743
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3252
Waste Quantity:	78
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990713
Creation Date:	8/19/1999 0:00:00
Receipt Date:	19990714
Manifest ID:	99241881
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000161743
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

JAPAN PARTS (Continued) **S113075789**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990622
Creation Date:	8/19/1999 0:00:00
Receipt Date:	19990629
Manifest ID:	98508180
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.3127
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAL000138790
Shipment Date:	20000314
Creation Date:	5/17/2000 0:00:00
Receipt Date:	20000316
Manifest ID:	96826856
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000048571
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1042
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

JAPAN PARTS (Continued) **S113075789**

Name:	JAPAN PARTS
Address:	428 N CANAL ST
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
EPA ID:	CAL000138790
Inactive Date:	06/30/2001
Create Date:	02/05/1997
Last Act Date:	04/19/2002
Mailing Name:	Not reported
Mailing Address:	428 N CANAL ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940804603
Owner Name:	JAPAN PARTS
Owner Address:	428 N CANAL ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 940804603
Contact Name:	FRANK CHEUNG
Contact Address:	428 N CANAL ST
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940804603

BW572 **EL CAMINO LINES** **LUST** **S101303306**
NW **428 CANAL** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.485 mi. **HIST CORTESE**
2560 ft. **Site 5 of 6 in cluster BW** **CERS**

Relative:
Higher

Actual:
22 ft.

LUST:

Name:	EL CAMINO LINES
Address:	428 NORTH CANAL STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100695
Global Id:	T0608100695
Latitude:	37.6518574
Longitude:	-122.4188549
Status:	Completed - Case Closed
Status Date:	12/30/1996
Case Worker:	JM
RB Case Number:	41-0735
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550119
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100695
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

EL CAMINO LINES (Continued) **S101303306**

Global Id: T0608100695
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100695
Action Type: Other
Date: 03/17/1987
Action: Leak Discovery

Global Id: T0608100695
Action Type: ENFORCEMENT
Date: 05/07/1993
Action: Notice of Responsibility - #1

Global Id: T0608100695
Action Type: Other
Date: 03/18/1987
Action: Leak Reported

LUST:
Global Id: T0608100695
Status: Open - Case Begin Date
Status Date: 03/17/1987

Global Id: T0608100695
Status: Completed - Case Closed
Status Date: 12/30/1996

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550119
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: JAPAN PARTS SUPPLY LTD
Address: 428 CANAL

EL CAMINO LINES (Continued) **S101303306**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0022211
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0023521
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: JAPAN PARTS SUPPLY LTD
Address: 428 CANAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0022211
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0026951
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: EL CAMINO CHARTER LINES
Address: 428 CANAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017764
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011714
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: EL CAMINO CHARTER LINES
Address: 428 CANAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017764
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022641
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: EL CAMINO CHARTER LINES
Address: 428 CANAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0017764
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023105
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: BAKER DISTRIBUTING COMPANY 608
Address: 428 CANAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO

EL CAMINO LINES (Continued) **S101303306**

Facility ID: FA0045130
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0057805
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: EL CAMINO LINES
Address: 428 NORTH CANAL STREET
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100695
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: EL CAMINO LINES
edr_fadd1: 428 CANAL
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0735

CERS:
Name: EL CAMINO LINES
Address: 428 NORTH CANAL STREET
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 229886
CERS ID: T0608100695
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND

EL CAMINO LINES (Continued) **S101303306**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

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573 **416 BROWNING (FMR GOSS-JEWETT FACILITY)** **CPS-SLIC** **S102445327**
West **416 BROWNING WAY** **EMI** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **CERS**
0.485 mi.
2560 ft.

Relative:
Higher

Actual:
27 ft.

CPS-SLIC:

Name:	416 BROWNING (FMR GOSS-JEWETT FACILITY)
Address:	416 BROWNING WAY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	04/06/2021
Global Id:	SL0608101503
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.6432233918902
Longitude:	-122.418658733368
Case Type:	Cleanup Program Site
Case Worker:	RL
Local Agency:	Not reported
RB Case Number:	41S0175
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
Site History:	Order No. R2-2015-0012 Site Cleanup Requirements for 531-535 OAK, LLC, and Goss-Jewett Company of Northern California for the Property at 416 Browning Way, South San Francisco 2/11/2015. Goss-Jewett owned the Site from 1957 to 2011 and operated a dry cleaning supply distribution business from 1957 to 2000 at the Site. The company provided laundry chemicals, including detergents and spotting chemicals, packaging products such as hangers and polyethylene bags, and bulk deliveries of tetrachloroethene (PCE). The PCE was stored in a 4,100 gallon aboveground storage tank (AST) that was in the southwestern corner of the building. In 2000, the Site was leased to Pain Therapeutics, which converted the warehouse into office space. The Site is currently operated as B.I.A. Cordon Bleu, a wholesale manufacturer and distributor of porcelain and stoneware, bakeware, and dinnerware. There were no reported spills or releases from the Site during Goss-Jewett s operations. There has been no known use of chlorinated solvents at the Site since Goss-Jewett ceased operations in 2000. The initial investigation of the Site was conducted by

416 BROWNING (FMR GOSS-JEWETT FACILITY) (Continued) **S102445327**

Geomatrix on behalf of Goss-Jewett in response to a directive from the Regional Water Board dated May 14, 2007. The Regional Water Board was overseeing the investigation of the release of volatile organic compounds (VOCs) in the vicinity of the neighboring property located at 290 South Maple Avenue, which is adjacent and east of the Site. Since the Site was previously a dry cleaning supply distribution business, and it is located up-gradient and cross-gradient of 290 South Maple Avenue, the Regional Water Board directed Goss-Jewett to investigate the Site for the presence of VOCs. The results of the 2007 investigation confirmed the presence of highly- elevated concentrations of VOCs, including PCE and its breakdown products, at the Site. The results of additional investigations have confirmed the presence of highly-elevated concentrations of VOCs in soil, soil vapor, and groundwater samples collected in the southwestern portion (former AST area) and the northeastern portion of the Site. Based on the results of these investigations, in 2015 and 2016 more than 2,000 tons of contaminated soil were removed from areas that had been identified as having high PCE concentrations in soil, and the open exposed excavations treated with a dechlorination agent prior to being backfilled. Workplan approved for additional soil removal and groundwater treatment in 2018; additional remedial actions ongoing. Indoor Air sampling indicated concentrations of PCE slightly above commercial environmental screening levels.

Click here to access the California GeoTracker records for this facility:

EMI:

Name:	GOSS-JEWETT COMPANY
Address:	416 BROWNING WAY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	8408
Air District Name:	BA
SIC Code:	5169
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	GOSS-JEWETT COMPANY
Address:	416 BROWNING WAY
City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	8408
Air District Name:	BA
SIC Code:	5169
Air District Name:	BAY AREA AQMD

416 BROWNING (FMR GOSS-JEWETT FACILITY) (Continued) **S102445327**

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: GOSS-JEWETT COMPANY
Address: 416 BROWNING WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Year: 1997
County Code: 41
Air Basin: SF
Facility ID: 8408
Air District Name: BA
SIC Code: 5169
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: GOSS-JEWETT COMPANY
Address: 416 BROWNING WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Year: 1998
County Code: 41
Air Basin: SF
Facility ID: 8408
Air District Name: BA
SIC Code: 5169
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

CERS:
Name: 416 BROWNING (FMR GOSS-JEWETT FACILITY)
Address: 416 BROWNING WAY
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 203856
CERS ID: SL0608101503
CERS Description: Cleanup Program Site

416 BROWNING (FMR GOSS-JEWETT FACILITY) (Continued) **S102445327**

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: PHYLLIS FLACK - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

BY574 **AIRPORT BLVD SERVICE STA** **LUST** **S102423771**
North **190 AIRPORT** **Cortese** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.487 mi. **CERS**
2569 ft. **Site 1 of 3 in cluster BY**

Relative: Higher
Actual: 26 ft.

SAN MATEO CO. LUST:
- Name: AIRPORT BLVD SERVICE STN
- Address: 190 AIRPORT BLVD
- City,State,Zip: SOUTH SAN FRANCISCO, CA
- Region: SAN MATEO
- Facility ID: 550132
- Facility Status: 9- Case Closed
- Global ID: T0608100791
- APN Number: 012338060
- Case Type: SOUTH SAN FRANCISCO, CA
- EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
- Name: AIRPORT BOULEVARD SERVICE STATION
- Address: 190 AIRPORT BOULEVARD
- City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
- Lead Agency: SAN MATEO COUNTY LOP
- Case Type: LUST Cleanup Site
- Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100791
- Global Id: T0608100791
- Latitude: 37.6532982588103
- Longitude: -122.407972812653
- Status: Completed - Case Closed
- Status Date: 08/12/1997
- Case Worker: JM
- RB Case Number: 41-0845
- Local Agency: SAN MATEO COUNTY LOP
- File Location: Local Agency
- Local Case Number: 550132
- Potential Media Affect: Other Groundwater (uses other than drinking water)
- Potential Contaminants of Concern: Gasoline
- Site History: Not reported

LUST:
- Global Id: T0608100791
- Contact Type: Regional Board Caseworker
- Contact Name: Regional Water Board
- Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
- Address: 1515 CLAY ST SUITE 1400

AIRPORT BLVD SERVICE STA (Continued) **S102423771**

City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100791
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100791
Action Type: ENFORCEMENT
Date: 01/25/2018
Action: Staff Letter

Global Id: T0608100791
Action Type: Other
Date: 08/15/1994
Action: Leak Discovery

Global Id: T0608100791
Action Type: ENFORCEMENT
Date: 08/23/1994
Action: Notice of Responsibility - #1

Global Id: T0608100791
Action Type: Other
Date: 08/15/1994
Action: Leak Reported

Global Id: T0608100791
Action Type: REMEDIATION
Date: 11/16/1994
Action: Excavation

Global Id: T0608100791
Action Type: ENFORCEMENT
Date: 08/12/1997
Action: Closure/No Further Action Letter

Global Id: T0608100791
Action Type: RESPONSE
Date: 09/18/2017
Action: Other Report / Document

LUST:
Global Id: T0608100791
Status: Open - Case Begin Date
Status Date: 08/15/1994

Global Id: T0608100791
Status: Completed - Case Closed

AIRPORT BLVD SERVICE STA (Continued) **S102423771**

Status Date: 08/12/1997

CORTESE:

Name:	AIRPORT BOULEVARD SERVICE STATION
Address:	190 AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100791
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	AIRPORT BLVD SERVICE STA
edr_fadd1:	190 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0845

CERS:

Name:	AIRPORT BOULEVARD SERVICE STATION
Address:	190 AIRPORT BOULEVARD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	209953
CERS ID:	T0608100791
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

AIRPORT BLVD SERVICE STA (Continued) **S102423771**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

BY575 **FORMER GAS STATION** **LUST S102423770**
North **190 AIRPORT** **San Mateo Co. BI N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.487 mi.
2569 ft. **Site 2 of 3 in cluster BY**

Relative:
Higher

Actual:
26 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550132
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	FORMER GAS STATION
Address:	190 AIRPORT
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0022252
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0023656
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

BW576 **MORENA TRUST** **ENVIROSTOR** **S118757333**
NW **111 STARLITE STREET AND 437, 439, 441 AND 447 CANAL STREET** **VCP** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 94080**
0.488 mi.
2575 ft. **Site 6 of 6 in cluster BW**

Relative:
Higher

Actual:
22 ft.

ENVIROSTOR:

Name:	MORENA TRUST
Address:	111 STARLITE STREET AND 437, 439, 441 AND 447 CANAL STREET
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	60002386
Status:	Active
Status Date:	07/05/2016
Site Code:	202105
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.97
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Juanita (Nina) Bacey
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Assembly:	, 22
Senate:	, 13
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.65048
Longitude:	-122.4159
APN:	014-081-010, 014081010
Past Use:	DRY CLEANING, LAUNDRY SERVICES, MANUFACTURING - CERAMICS, MANUFACTURING - OTHER
Potential COC:	1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
Potential Description:	IA, OTH, SOIL, SV
Alias Name:	014-081-010
Alias Type:	APN
Alias Name:	014081010
Alias Type:	APN
Alias Name:	202105
Alias Type:	Project Code (Site Code)
Alias Name:	60002386
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Application
Completed Date:	07/18/2016
Comments:	Letter assigned DTSC as appropriate oversight agency for Morena Trust site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	06/19/2013

MORENA TRUST (Continued) **S118757333**

Comments: Document was not prepared by DTSC. Comment letter from the San Mateo County Groundwater Protection Program (GPP) requesting a revision of a previously submitted workplan. GPP requested using current screening levels, defining the vertical extent of groundwater contamination, and adding in details about vapor sampling procedures.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/06/2013
Comments: Document was not prepared with DTSC oversight. Document was not prepared by DTSC. Letter from San Mateo Groundwater Protection Program approving a Report and Workplan for the Morena trust site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/04/2014
Comments: Document was not prepared by DTSC. Letter from San Mateo County Groundwater Protection Program (GPP) approving a pilot test to use soil vapor extraction (SVE) as a remedy for tetrachloroethene (PCE) vapor. GPP stated that case closure will not be recommended following determination of a site-specific slab attenuation factor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 06/18/2015
Comments: Document was not prepared by DTSC. Response from San Mateo County Groundwater Protection Program (GPP) indicating indoor air intrusion remains a concern and requesting an additional progress report to monitor rebound and indoor vapor results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 02/25/2015
Comments: Document was not prepared by DTSC. Letter from San Mateo County Groundwater Protection Program (GPP) in response to the Sub-Slab Vapor Remediation Progress Report submitted December 22, 2014. GPP expressed concerns that soil and vapor impacts may still be present and contributing to subsurface vapor issues on site. GPP requested a workplan to investigate potential indoor air.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/30/2015
Comments: Letter was not prepared by DTSC. Letter from San Mateo County Groundwater Protection Program (GPP) noting that standard indoor air sampling protocols were not followed for the 11/16/2015 indoor air report and requesting a cool season sampling event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/25/2016

MORENA TRUST (Continued) **S118757333**

Comments:	Document was not prepared with DTSC oversight. In response to a May 22, 2015 letter from San Mateo County Groundwater Protection Program (GPP), Trinity Source Group (Trinity) conducted a cool-weather assessment of indoor air. Sub-slab vapor probes were also sampled. Maximum reported concentrations were 2.1ug/m3 for tetrachloroethene (PCE) and 0.086 ug/m3 for trichloroethene (TCE) for the indoor air sampling. PCE was detected from in 14 of the 16 subslab probes samples from 48.8 to 25,600 ug.m3. TCE was detected in 8 of the 16 subslab probes at concentrations ranging from 94.0 to 1540ug/m3.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	06/08/2012
Comments:	This document was not prepared with DTSC oversight and was not approved by DTSC. Phase I submitted by Trinity.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	07/23/2012
Comments:	This document was not prepared with DTSC oversight.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	04/02/2018
Comments:	DTSC has approved the Work Plan for Additional Indoor Air Sampling at the Morena Trust Site. Indoor air sampling is being done in two units to reevaluate indoor air conditions following modifications to the building foundation. Sampling will take place in two seasons.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	04/03/2018
Comments:	Health and Safety Plan prepared to protect workers conducting environmental work at the Morena Trust site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pilot Study/Treatability Workplan
Completed Date:	03/07/2019
Comments:	DTSC has reviewed and approved the Work Plan to implement a Pilot Test of a Sub-Slab Depressurization System (SSDS) at the Starlite/Canal Building at 111 Starlite Street in South, SF. The Subslab Depressurization System mitigates the intrusion of subsurface tetrachloroethylene (PCE or perc) vapors by passively depressurizing the subsurface relative to the occupied building and creating a preferential pathway for those vapors to escape. Field implementation is scheduled to begin in second quarter 2019 and the pilot test period will continue for an additional 6-12 months after. If the pilot test demonstrates that an SSDS is successful in mitigating the subsurface intrusion of PCE vapors, the remedy will be recommended and proposed in a Removal Action Workplan which the neighboring community will have the opportunity to comment on.

MORENA TRUST (Continued) **S118757333**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/30/2020
Comments: Fieldwork conducted mid to end of October 2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 07/22/2019
Comments: This document was not prepared with DTSC's oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 07/16/2020
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM PILOT TEST MONITORING REPORT #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 12/05/2019
Comments: First pilot test report records the installation and operation of the sub-slab depressurization system (SSDS) under an approved BAAQMD Authority to Construct Permit (Application 30104). Pilot test will continue for a period of two to six months to optimize the system's effectiveness in mitigating intrusion from subsurface tetrachloroethylene (PCE) vapors.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 09/09/2021
Comments: Community Profile

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 07/16/2020
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM PILOT TEST QUARTERLY MONITORING REPORT #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 08/31/2020
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM PILOT TEST MONITORING REPORT #3 (2nd Qtr 2020)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 12/28/2020
Comments: Sub-Slab Depressurization System Enhancement Work Plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MORENA TRUST (Continued) **S118757333**

Completed Document Type: Monitoring Report
Completed Date: 12/02/2020
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS & MAINTENANCE REPORT THIRD QUARTER 2020

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/12/2021
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS & MAINTENANCE REPORT 4TH QRTR 2020

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/17/2021
Comments: SSDS ENHANCEMENT TECH MEMO

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/07/2021
Comments: INDOOR AIR MONITORING WORK PLAN

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/15/2021
Comments: SSDS O&M REPORT

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/14/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/22/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/24/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/06/2021
Comments: HARP 2021

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

MORENA TRUST (Continued) **S118757333**

Completed Date: 09/08/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/28/2017
Comments: Summary of correspondence from consultant contractor after tenant modified cap without DTSC approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/20/2017
Comments: Letter from DTSC noting that Site conditions had changed and will require additional characterization before institutional controls can be recommended.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/2017
Comments: DTSC response memo requesting project proponent revise the existing Site data calculations to support their recognition of multiple exposure units for vapor intrusion risk assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 07/30/2019
Comments: Internal health and safety form for DTSC staff to conduct field oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 04/10/2018
Comments: Internal DTSC health and safety document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: OPEA Consultation
Completed Date: 05/28/2019
Comments: DTSC Project Manager briefing DTSC CEQA unit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/31/2020
Comments: Annual Oversight Cost Estimate 2020/2021

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/14/2013
Comments: Not reported

MORENA TRUST (Continued) **S118757333**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/23/2016
Comments: Comment letter by DTSC Human and Ecological Risk Office regarding indoor air sampling results and existing data conducted under San Mateo County Groundwater Protection Program oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/2012
Comments: This document was not prepared by DTSC. Letter from the San Mateo County Health Department Groundwater Protection Program identifying the Meryl G. Morena Trust as a responsible party for soil and groundwater contamination at the 437 South Canal Street site in San Francisco, California.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 09/17/2018
Comments: First Amendment to the Voluntary Clean Up Agreement executed by DTSC and the Site's Responsible Party for additional agency oversight of the Morena Trust Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/21/2017
Comments: Voluntary Clean Up Agreement executed by DTSC and the Site's Responsible Party for data evaluation of the Morena Trust Site.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2022
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2022
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: MORENA TRUST
Address: 111 STARLITE STREET AND 437, 439, 441 AND 447 CANAL STREET
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Facility ID: 60002386
Site Type: Voluntary Cleanup

MORENA TRUST (Continued) **S118757333**

Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.97
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Juanita (Nina) Bacey
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Site Code:	202105
Assembly:	, 22
Senate:	, 13
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	07/05/2016
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.65048 / -122.4159
APN:	014-081-010, 014081010
Past Use:	DRY CLEANING, LAUNDRY SERVICES, MANUFACTURING - CERAMICS, MANUFACTURING - OTHER
Potential COC:	30195, 30196, 30022, 30027
Confirmed COC:	30022,30027,30195,30196
Potential Description:	IA, OTH, SOIL, SV
Alias Name:	014-081-010
Alias Type:	APN
Alias Name:	014081010
Alias Type:	APN
Alias Name:	202105
Alias Type:	Project Code (Site Code)
Alias Name:	60002386
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Application
Completed Date:	07/18/2016
Comments:	Letter assigned DTSC as appropriate oversight agency for Morena Trust site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	06/19/2013
Comments:	Document was not prepared by DTSC. Comment letter from the San Mateo County Groundwater Protection Program (GPP) requesting a revision of a previously submitted workplan. GPP requested using current screening levels, defining the vertical extent of groundwater contamination, and adding in details about vapor sampling procedures.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	11/06/2013
Comments:	Document was not prepared with DTSC oversight. Document was not prepared by DTSC. Letter from San Mateo Groundwater Protection

MORENA TRUST (Continued) **S118757333**

Program approving a Report and Workplan for the Morena trust site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/04/2014
Comments: Document was not prepared by DTSC. Letter from San Mateo County Groundwater Protection Program (GPP) approving a pilot test to use soil vapor extraction (SVE) as a remedy for tetrachloroethene (PCE) vapor. GPP stated that case closure will not be recommended following determination of a site-specific slab attenuation factor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 06/18/2015
Comments: Document was not prepared by DTSC. Response from San Mateo County Groundwater Protection Program (GPP) indicating indoor air intrusion remains a concern and requesting an additional progress report to monitor rebound and indoor vapor results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 02/25/2015
Comments: Document was not prepared by DTSC. Letter from San Mateo County Groundwater Protection Program (GPP) in response to the Sub-Slab Vapor Remediation Progress Report submitted December 22, 2014. GPP expressed concerns that soil and vapor impacts may still be present and contributing to subsurface vapor issues on site. GPP requested a workplan to investigate potential indoor air.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/30/2015
Comments: Letter was not prepared by DTSC. Letter from San Mateo County Groundwater Protection Program (GPP) noting that standard indoor air sampling protocols were not followed for the 11/16/2015 indoor air report and requesting a cool season sampling event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/25/2016
Comments: Document was not prepared with DTSC oversight. In response to a May 22, 2015 letter from San Mateo County Groundwater Protection Program (GPP), Trinity Source Group (Trinity) conducted a cool-weather assessment of indoor air. Sub-slab vapor probes were also sampled. Maximum reported concentrations were 2.1ug/m3 for tetrachloroethene (PCE) and 0.086 ug/m3 for trichloroethene (TCE) for the indoor air sampling. PCE was detected from in 14 of the 16 subslab probes samples from 48.8 to 25,600 ug.m3. TCE was detected in 8 of the 16 subslab probes at concentrations ranging from 94.0 to 1540ug/m3.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MORENA TRUST (Continued) **S118757333**

Completed Document Type: Site Characterization Report
Completed Date: 06/08/2012
Comments: This document was not prepared with DTSC oversight and was not approved by DTSC. Phase I submitted by Trinity.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/23/2012
Comments: This document was not prepared with DTSC oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/02/2018
Comments: DTSC has approved the Work Plan for Additional Indoor Air Sampling at the Morena Trust Site. Indoor air sampling is being done in two units to reevaluate indoor air conditions following modifications to the building foundation. Sampling will take place in two seasons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 04/03/2018
Comments: Health and Safety Plan prepared to protect workers conducting environmental work at the Morena Trust site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 03/07/2019
Comments: DTSC has reviewed and approved the Work Plan to implement a Pilot Test of a Sub-Slab Depressurization System (SSDS) at the Starlite/Canal Building at 111 Starlite Street in South, SF. The Subslab Depressurization System mitigates the intrusion of subsurface tetrachloroethylene (PCE or perc) vapors by passively depressurizing the subsurface relative to the occupied building and creating a preferential pathway for those vapors to escape. Field implementation is scheduled to begin in second quarter 2019 and the pilot test period will continue for an additional 6-12 months after. If the pilot test demonstrates that an SSDS is successful in mitigating the subsurface intrusion of PCE vapors, the remedy will be recommended and proposed in a Removal Action Workplan which the neighboring community will have the opportunity to comment on.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/30/2020
Comments: Fieldwork conducted mid to end of October 2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 07/22/2019
Comments: This document was not prepared with DTSC's oversight.

MORENA TRUST (Continued) **S118757333**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 07/16/2020
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM PILOT TEST MONITORING REPORT #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 12/05/2019
Comments: First pilot test report records the installation and operation of the sub-slab depressurization system (SSDS) under an approved BAAQMD Authority to Construct Permit (Application 30104). Pilot test will continue for a period of two to six months to optimize the system's effectiveness in mitigating intrusion from subsurface tetrachloroethylene (PCE) vapors.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 09/09/2021
Comments: Community Profile

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 07/16/2020
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM PILOT TEST QUARTERLY MONITORING REPORT #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 08/31/2020
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM PILOT TEST MONITORING REPORT #3 (2nd Qtr 2020)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 12/28/2020
Comments: Sub-Slab Depressurization System Enhancement Work Plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/02/2020
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS & MAINTENANCE REPORT THIRD QUARTER 2020

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/12/2021
Comments: SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS & MAINTENANCE REPORT 4TH QRTR 2020

MORENA TRUST (Continued) **S118757333**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/17/2021
Comments: SSDS ENHANCEMENT TECH MEMO

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/07/2021
Comments: INDOOR AIR MONITORING WORK PLAN

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/15/2021
Comments: SSDS O&M REPORT

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/14/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/22/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/24/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/06/2021
Comments: HARP 2021

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/28/2017
Comments: Summary of correspondence from consultant contractor after tenant modified cap without DTSC approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MORENA TRUST (Continued) **S118757333**

Completed Document Type: Correspondence
Completed Date: 11/20/2017
Comments: Letter from DTSC noting that Site conditions had changed and will require additional characterization before institutional controls can be recommended.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/2017
Comments: DTSC response memo requesting project proponent revise the existing Site data calculations to support their recognition of multiple exposure units for vapor intrusion risk assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 07/30/2019
Comments: Internal health and safety form for DTSC staff to conduct field oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 04/10/2018
Comments: Internal DTSC health and safety document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: OPEA Consultation
Completed Date: 05/28/2019
Comments: DTSC Project Manager briefing DTSC CEQA unit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/31/2020
Comments: Annual Oversight Cost Estimate 2020/2021

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/23/2016
Comments: Comment letter by DTSC Human and Ecological Risk Office regarding indoor air sampling results and existing data conducted under San Mateo County Groundwater Protection Program oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/2012

MORENA TRUST (Continued) **S118757333**

Comments: This document was not prepared by DTSC. Letter from the San Mateo County Health Department Groundwater Protection Program identifying the Meryl G. Morena Trust as a responsible party for soil and groundwater contamination at the 437 South Canal Street site in San Francisco, California.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 09/17/2018
Comments: First Amendment to the Voluntary Clean Up Agreement executed by DTSC and the Site's Responsible Party for additional agency oversight of the Morena Trust Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/21/2017
Comments: Voluntary Clean Up Agreement executed by DTSC and the Site's Responsible Party for data evaluation of the Morena Trust Site.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2022
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2022
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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577 **ASSOCIATED ROAD PARCEL** **CPS-SLIC** **S108086696**
NNE **0 ASSOCIATED ROAD** **CERS** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA 95420**
0.489 mi.
2583 ft.

Relative:
Higher

Actual:
28 ft.

CPS-SLIC:
Name: ASSOCIATED ROAD PARCEL
Address: 0 ASSOCIATED ROAD
City,State,Zip: SOUTH SAN FRANCISCO, CA 95420
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 03/04/2015
Global Id: T10000006531
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 559217
Latitude: 37.6531802920338
Longitude: -122.405642074869
Case Type: Cleanup Program Site

ASSOCIATED ROAD PARCEL (Continued) **S108086696**

Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply, Soil, Soil Vapor
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride
Site History:	Site opened 3/4/2015, split from 180 Sylvester

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	ASSOCIATED ROAD PARCEL
Address:	0 ASSOCIATED ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 95420
Site ID:	275186
CERS ID:	T10000006531
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

578
North
1/4-1/2
0.490 mi.
2585 ft.

Relative:
Higher

Actual:
33 ft.

AGUNDIS TIRE SHOP
110 LINDEN
S SAN FRANCISCO, CA 94080

LUST **S102423750**
HAULERS **N/A**
San Mateo Co. BI
Cortese
HIST CORTESE
CERS

SAN MATEO CO. LUST:

Name:	AGUNDIS TIRE SHOP
Address:	110 LINDEN AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550142
Facility Status:	9- Case Closed
Global ID:	T0608100841
APN Number:	012335130
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

AGUNDIS TIRE SHOP (Continued) **S102423750**

LUST:

Name:	AGUNDIS TIRE SHOP
Address:	110 LINDEN AVENUE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100841
Global Id:	T0608100841
Latitude:	37.6534086840119
Longitude:	-122.410483360291
Status:	Completed - Case Closed
Status Date:	11/28/2000
Case Worker:	JM
RB Case Number:	41-0913
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	550142
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0608100841
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100841
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100841
Action Type:	Other
Date:	04/20/1995
Action:	Leak Discovery

Global Id:	T0608100841
Action Type:	ENFORCEMENT
Date:	05/15/1995
Action:	Notice of Responsibility - #1

Global Id:	T0608100841
Action Type:	Other
Date:	04/20/1995
Action:	Leak Reported

Global Id: T0608100841

AGUNDIS TIRE SHOP (Continued) **S102423750**

Action Type: ENFORCEMENT
Date: 11/28/2000
Action: Closure/No Further Action Letter

LUST:
Global Id: T0608100841
Status: Open - Case Begin Date
Status Date: 04/20/1995

Global Id: T0608100841
Status: Completed - Case Closed
Status Date: 11/28/2000

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550142
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HAULERS:
Name: SOUTH SAN FRANCISCO RECYCLING
Address: 110 LINDEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Facility ID: 1687847
Facility Phone: (650) 834-4653
Business Email Address: jesustires@yahoo.com
Contact Person: Jesus Acevedo
Mailing Address: 110 Linden Ave
Mailing City: South San Francisco
Mailing State: CA
Mailing Zip: 94080
Mailing County: San Mateo
Mailing Phone: (650) 834-4653
Current Status: Active
Current Hauler Status: Hauler-Registered
Accepting Tires From Public: Not reported
Regulatory Status Last Changed: Not reported
Business Types: Not reported

San Mateo Co. BI:
Name: AGUNDIS TIRE SHOP
Address: 110 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

AGUNDIS TIRE SHOP (Continued) **S102423750**

Region: SAN MATEO
Facility ID: FA0022765
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0025430
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: AGUNDIS TIRE SHOP
Address: 110 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0027775
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0044861
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: AGUNDIS TIRE SHOP
Address: 110 LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100841
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: AGUNDIS TIRE SHOP
edr_fadd1: 110 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0913

CERS:
Name: AGUNDIS TIRE SHOP

AGUNDIS TIRE SHOP (Continued) **S102423750**

Address: 110 LINDEN AVENUE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 260873
CERS ID: T0608100841
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BX579 **COULTERS CARPETS** **LUST** **S101303299**
NW **150 STARLITE** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.490 mi. **Cortese**
2589 ft. **Site 3 of 4 in cluster BX** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:
Name: COULTERS CARPETS
Address: 150 STARLITE ST
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550099
Facility Status: 9- Case Closed
Global ID: T0608100173
APN Number: 014080150
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: COULTERS CARPETS
Address: 150 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100173
Global Id: T0608100173
Latitude: 37.649385
Longitude: -122.416977
Status: Completed - Case Closed

COULTERS CARPETS (Continued) **S101303299**

Status Date: 11/14/2002
Case Worker: JM
RB Case Number: 41-0182
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550099
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100173
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100173
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100173
Action Type: Other
Date: 06/30/1992
Action: Leak Discovery

Global Id: T0608100173
Action Type: ENFORCEMENT
Date: 07/28/1992
Action: Notice of Responsibility - #1

Global Id: T0608100173
Action Type: Other
Date: 06/30/1992
Action: Leak Reported

LUST:
Global Id: T0608100173
Status: Open - Case Begin Date
Status Date: 06/30/1992

Global Id: T0608100173
Status: Completed - Case Closed
Status Date: 11/14/2002

LUST REG 2:

COULTERS CARPETS (Continued) **S101303299**

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550099
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: COULTER'S CARPET SERVICE INC
Address: 150 STARLITE ST
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550058
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550058-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: 1

Name: COULTER'S CARPET SERVICE INC
Address: 150 STARLITE ST
City: S SAN FRANCISCO
Status: Active
Comp Number: 550058
Number: 9
Board Of Equalization: Not reported
Referral Date: 02-03-94
Action Date: 02-03-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

COULTERS CARPETS (Continued) **S101303299**

San Mateo Co. BI:

Name:	COULTERS CARPET SERVICE INC
Address:	150 STARLITE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0017719
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0026111
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	DESIGNER PRINTING, INC.
Address:	150 STARLITE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0027962
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0045944
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

CORTESE:

Name:	COULTERS CARPETS
Address:	150 STARLITE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100173
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	COULTERS CARPETS
edr_fadd1:	150 STARLITE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA

COULTERS CARPETS (Continued) **S101303299**

Reg Id: 41-0182

CERS:
Name: COULTERS CARPETS
Address: 150 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 232051
CERS ID: T0608100173
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

BZ580 **H.S. CROCKER CO.** **LUST** **S103893683**
SSW **1000 SAN MATEO** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN BRUNO, CA 94066** **HIST CORTESE**
0.492 mi. **CERS**
2597 ft. **Site 1 of 2 in cluster BZ**

Relative:
Higher

Actual:
25 ft.

SAN MATEO CO. LUST:
Name: H.S. CROCKER CO.
Address: 1000 SAN MATEO AVE
City,State,Zip: SAN BRUNO, CA
Region: SAN MATEO
Facility ID: 880002
Facility Status: 9- Case Closed
Global ID: T0608100248
APN Number: 020421030
Case Type: SAN BRUNO, CA
EDR Link ID: SAN BRUNO, CA

LUST:
Name: H.S. CROCKER CO.
Address: 1000 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100248

H.S. CROCKER CO. (Continued) **S103893683**

Global Id:	T0608100248
Latitude:	37.635004
Longitude:	-122.409694
Status:	Completed - Case Closed
Status Date:	10/14/1998
Case Worker:	JM
RB Case Number:	41-0260
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	880002
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100248
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100248
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100248
Action Type:	Other
Date:	03/03/1988
Action:	Leak Discovery

Global Id:	T0608100248
Action Type:	ENFORCEMENT
Date:	11/09/1989
Action:	Notice of Responsibility - #1

Global Id:	T0608100248
Action Type:	Other
Date:	02/22/1988
Action:	Leak Reported

Global Id:	T0608100248
Action Type:	REMEDIATION
Date:	03/27/1995
Action:	Excavation

Global Id:	T0608100248
Action Type:	REMEDIATION
Date:	03/27/1995

H.S. CROCKER CO. (Continued) **S103893683**

Action: Not reported

LUST:
Global Id: T0608100248
Status: Open - Case Begin Date
Status Date: 02/22/1988

Global Id: T0608100248
Status: Completed - Case Closed
Status Date: 10/14/1998

San Mateo Co. BI:
Name: SKYPARK PROPERTY
Address: 1000 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0023022
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026042
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: SKYPARK
Address: 1000 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0027710
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0044733
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SKYPARK
Address: 1000 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0027710
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0044731
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SKYPARK
Address: 1000 SAN MATEO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0027710
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0044732
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

H.S. CROCKER CO. (Continued) **S103893683**

HIST CORTESE:

edr_fname:	HS CROCKER COMPANY
edr_fadd1:	1000 SAN MATEO
City,State,Zip:	SAN BRUNO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0260

CERS:

Name:	H.S. CROCKER CO.
Address:	1000 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	248028
CERS ID:	T0608100248
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

BZ581 **H.S. CROCKER CO.** **LUST** **S101308708**
SSW **1000 SAN MATEO** **Cortese** **N/A**
1/4-1/2 **SAN BRUNO, CA 94066**
0.492 mi.
2597 ft. **Site 2 of 2 in cluster BZ**

Relative:
Higher

Actual:
25 ft.

LUST REG 2:

Region:	2	
Facility Id:	Not reported	
Facility Status:	Case Closed	
Case Number:	880002	
How Discovered:	OM	
Leak Cause:	Unknown	
Leak Source:	Unknown	
Date Leak Confirmed:	Not reported	
Oversight Program:	LUST	
Prelim. Site Assesment Wokplan Submitted:		Not reported
Preliminary Site Assesment Began:		Not reported

H.S. CROCKER CO. (Continued) **S101308708**

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:

Name:	H.S. CROCKER CO.
Address:	1000 SAN MATEO
City,State,Zip:	SAN BRUNO, CA 94066
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100248
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

BX582 **J.R. FLYNN CO.** **LUST** **S101308813**
NW **138 STARLITE** **San Mateo Co. BI** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **Cortese**
0.493 mi. **HIST CORTESE**
2604 ft. **Site 4 of 4 in cluster BX** **CERS**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:

Name:	J.R. FLYNN CO.
Address:	138 STARLITE ST
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550096
Facility Status:	9- Case Closed
Global ID:	T0608100283
APN Number:	014080140
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

LUST:

Name:	J.R. FLYNN CO.
Address:	138 STARLITE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100283
Global Id:	T0608100283

J.R. FLYNN CO. (Continued) **S101308813**

Latitude: 37.6496939
Longitude: -122.417044
Status: Completed - Case Closed
Status Date: 07/06/1998
Case Worker: JM
RB Case Number: 41-0297
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 550096
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100283
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100283
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100283
Action Type: Other
Date: 03/16/1992
Action: Leak Discovery

Global Id: T0608100283
Action Type: ENFORCEMENT
Date: 05/19/1992
Action: Notice of Responsibility - #1

Global Id: T0608100283
Action Type: Other
Date: 02/26/1992
Action: Leak Reported

LUST:
Global Id: T0608100283
Status: Open - Case Begin Date
Status Date: 02/26/1992

Global Id: T0608100283
Status: Completed - Case Closed
Status Date: 07/06/1998

J.R. FLYNN CO. (Continued) **S101308813**

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550096
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: J R FLYNN CO
Address: 138 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0012906
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022086
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: CHRISTOPHERSON REALTY
Address: 138 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045445
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0059407
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CHRISTOPHERSON REALTY
Address: 138 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0045445
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0059406
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: J.R. FLYNN CO.
Address: 138 STARLITE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: CORTESE

J.R. FLYNN CO. (Continued) **S101308813**

Envirostor Id:	Not reported
Global ID:	T0608100283
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	JR FLYNN COMPANY
edr_fadd1:	138 STARLITE
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0297

CERS:

Name:	J.R. FLYNN CO.
Address:	138 STARLITE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	222185
CERS ID:	T0608100283
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

J.R. FLYNN CO. (Continued) **S101308813**

Affiliation Phone: ,

CA583 **PARK SFO** **LUST** **S112942096**
ESE **195 NORTH ACCESS ROAD** **HAZNET** **N/A**
1/4-1/2 **SOUTH SAN FRANCISCO, CA CA** **NPDES**
0.498 mi. **CERS**
2628 ft. **Site 1 of 2 in cluster CA** **HWTS**

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:

Name:	TRUX AIRLINE CARGO SERVICE
Address:	195 N ACCESS RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	550101
Facility Status:	9- Case Closed
Global ID:	T0608100551
APN Number:	Not reported
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

Name:	REST PARKING GARAGE
Address:	195 N ACCESS RD
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	SAN MATEO
Facility ID:	559165
Facility Status:	9- Case Closed
Global ID:	T0608175368
APN Number:	Not reported
Case Type:	SOUTH SAN FRANCISCO, CA
EDR Link ID:	SOUTH SAN FRANCISCO, CA

HAZNET:

Name:	PARKSFO SOLAR LLC
Address:	195 N. ACCESS ROAD
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact:	CANDACE SIMMS
Telephone:	6508715571
Mailing Name:	Not reported
Mailing Address:	195 N. ACCESS ROAD
Year:	2018
Gepaid:	CAC002957451
TSD EPA ID:	CAD980887418
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	6.25500
Year:	2005
Gepaid:	CAC002584834
TSD EPA ID:	CAL000161743
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.27105

PARK SFO (Continued) **S112942096**

Year: 2004
Gepaid: CAC002584834
TSD EPA ID: CAL000161743
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.56295

Additional Info:
Year: 2004
Gen EPA ID: CAC002584834

Shipment Date: 20041220
Creation Date: 3/13/2007 18:30:28
Receipt Date: 20041221
Manifest ID: 24063394
Trans EPA ID: CAR000007013
Trans Name: CLEARWATER ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAL000161743
Trans Name: ALVISO INDEPENDENT OIL
TSDF Alt EPA ID: CAL000161743
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: NONE
Meth Code: R01 - Recycler
Quantity Tons: 0.56295
Waste Quantity: 135
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2005
Gen EPA ID: CAC002584834

Shipment Date: 20050817
Creation Date: 11/23/2005 18:30:57
Receipt Date: 20050818
Manifest ID: 20867345
Trans EPA ID: CAR000007013
Trans Name: CLEARWATER ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAL000161743
Trans Name: ALVISO INDEPENDENT OIL
TSDF Alt EPA ID: CAL000161743
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.1251

PARK SFO (Continued) **S112942096**

Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050324
Creation Date:	6/1/2005 18:31:04
Receipt Date:	20050325
Manifest ID:	24314889
Trans EPA ID:	CAR000007013
Trans Name:	CLEARWATER ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000161743
Trans Name:	ALVISO INDEPENDENT OIL
TSDF Alt EPA ID:	CAL000161743
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NPDES:

Name:	PARK SFO
Address:	195 NORTH ACCESS ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA CA
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41C380058
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	06/06/2017

PARK SFO (Continued) **S112942096**

Operator Name:	RES Park SFO LLC
Operator Address:	237 Harbor Way
Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	486986
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41C380058
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/06/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	RES Park SFO LLC
Discharge Address:	237 Harbor Way
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported

PARK SFO (Continued) **S112942096**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	486986
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 41C380058
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	06/01/2017
Processed Date:	06/06/2017
Status:	Active
Status Date:	06/06/2017
Place Size:	2.78
Place Size Unit:	Acres
Contact:	Robert Simms
Contact Title:	Owner
Contact Phone:	650-871-6137
Contact Phone Ext:	Not reported
Contact Email:	rsimms@parksfo.com
Operator Name:	RES Park SFO LLC
Operator Address:	237 Harbor Way

PARK SFO (Continued) **S112942096**

Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080
Operator Contact:	Robert Simms
Operator Contact Title:	Owner
Operator Contact Phone:	650-871-6137
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rsimms@parksfo.com
Operator Type:	Private Business
Developer:	Overaa
Developer Address:	200 Parr Blvd
Developer City:	Richmond
Developer State:	California
Developer Zip:	94801
Developer Contact:	Ray Faulkner
Developer Contact Title:	Architect
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	Not reported
Certifier:	Robert Simms
Certifier Title:	owner
Certification Date:	01-JUN-17
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	PARK SFO
Address:	195 NORTH ACCESS ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA CA
Facility Status:	Active
NPDES Number:	CAS000002
Region:	2
Agency Number:	0
Regulatory Measure ID:	486986
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	2 41C380058
Regulatory Measure Type:	Enrollee

PARK SFO (Continued) **S112942096**

Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/06/2017
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	237 Harbor Way
Discharge Name:	RES Park SFO LLC
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	486986
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41C380058
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/06/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	RES Park SFO LLC
Discharge Address:	237 Harbor Way
Discharge City:	South San Francisco
Discharge State:	California
Discharge Zip:	94080
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported

PARK SFO (Continued) **S112942096**

Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	486986
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 41C380058
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	06/01/2017

PARK SFO (Continued) **S112942096**

Processed Date:	06/06/2017
Status:	Active
Status Date:	06/06/2017
Place Size:	2.78
Place Size Unit:	Acres
Contact:	Robert Simms
Contact Title:	Owner
Contact Phone:	650-871-6137
Contact Phone Ext:	Not reported
Contact Email:	rsimms@parksfo.com
Operator Name:	RES Park SFO LLC
Operator Address:	237 Harbor Way
Operator City:	South San Francisco
Operator State:	California
Operator Zip:	94080
Operator Contact:	Robert Simms
Operator Contact Title:	Owner
Operator Contact Phone:	650-871-6137
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rsimms@parksfo.com
Operator Type:	Private Business
Developer:	Overaa
Developer Address:	200 Parr Blvd
Developer City:	Richmond
Developer State:	California
Developer Zip:	94801
Developer Contact:	Ray Faulkner
Developer Contact Title:	Architect
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	Not reported
Certifier:	Robert Simms
Certifier Title:	owner
Certification Date:	01-JUN-17
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

PARK SFO (Continued) **S112942096**

CERS:
Name: PARK SFO
Address: 195 NORTH ACCESS ROAD
City,State,Zip: SOUTH SAN FRANCISCO, CA CA
Site ID: 539066
CERS ID: 855806
CERS Description: Construction Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: RES Park SFO LLC
Entity Title: Operator
Affiliation Address: 237 Harbor Way
Affiliation City: South San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: ,

HWTS:
Name: ROBERT SIMMS
Address: 195 N ACCESS RD
Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAC002584834
Inactive Date: 08/16/2005
Create Date: 12/09/2004
Last Act Date: 08/16/2005
Mailing Name: Not reported
Mailing Address: 237 HARBOR WAY
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: ROBERT SIMMS
Owner Address: 117 17TH AVE
Owner Address 2: Not reported
Owner City,State,Zip: SAN MATEO, CA 94402
Contact Name: ROBERT SIMMS
Contact Address: 237 HARBOR WAY
Contact Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

CA584 **TRUX AIRLINE CARGO SERVICE** **LUST** **S102269150**
ESE **195 ACCESS** **CPS-SLIC** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.498 mi. **Cortese**
2628 ft. **Site 2 of 2 in cluster CA** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
22 ft.

LUST:
Name: TRUX AIRLINE CARGO SERVICE
Address: 195 NORTH ACCESS
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100551
Global Id: T0608100551

TRUX AIRLINE CARGO SERVICE (Continued) **S102269150**

Latitude:	37.6393137885802
Longitude:	-122.397000138554
Status:	Completed - Case Closed
Status Date:	12/28/1992
Case Worker:	JM
RB Case Number:	41-0577
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	550101
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100551
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100551
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

LUST:

Global Id:	T0608100551
Action Type:	Other
Date:	07/17/1992
Action:	Leak Discovery

Global Id:	T0608100551
Action Type:	ENFORCEMENT
Date:	07/17/1992
Action:	Notice of Responsibility - #1

Global Id:	T0608100551
Action Type:	Other
Date:	07/17/1992
Action:	Leak Reported

LUST:

Global Id:	T0608100551
Status:	Open - Case Begin Date
Status Date:	07/17/1992

Global Id:	T0608100551
Status:	Completed - Case Closed
Status Date:	12/28/1992

TRUX AIRLINE CARGO SERVICE (Continued) **S102269150**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	550101
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CPS-SLIC:

Name:	REST PARKING GARAGE
Address:	195 NORTH ACCESS ROAD
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/08/2011
Global Id:	T0608175368
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	559165
Latitude:	37.6391900889137
Longitude:	-122.39651441574
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	* Solvents
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:

Name:	TRUX TRANSPORT INC
Address:	195 ACCESS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0009895
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004555
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

TRUX AIRLINE CARGO SERVICE (Continued) **S102269150**

CORTESE:

Name:	TRUX AIRLINE CARGO SERVICE
Address:	195 NORTH ACCESS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100551
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	TRUX AIRLINE CARGO SERVIC
edr_fadd1:	195 ACCESS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0577

CERS:

Name:	TRUX AIRLINE CARGO SERVICE
Address:	195 NORTH ACCESS
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	256486
CERS ID:	T0608100551
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP

TRUX AIRLINE CARGO SERVICE (Continued) **S102269150**

Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

Name: REST PARKING GARAGE
Address: 195 NORTH ACCESS ROAD
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 237421
CERS ID: T0608175368
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

BY585 **ESCHELBACH PROPERTIES** **LUST** **S102429265**
North **100 BADEN** **SWEEPS UST** **N/A**
1/4-1/2 **S SAN FRANCISCO, CA 94080** **San Mateo Co. BI**
0.499 mi. **Cortese**
2635 ft. **Site 3 of 3 in cluster BY** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
21 ft.

SAN MATEO CO. LUST:
Name: ESCHELBACH PROPERTIES
Address: 100 BADEN AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA
Region: SAN MATEO
Facility ID: 550074
Facility Status: 9- Case Closed
Global ID: T0608100199
APN Number: Not reported
Case Type: SOUTH SAN FRANCISCO, CA
EDR Link ID: SOUTH SAN FRANCISCO, CA

LUST:
Name: ESCHELBACH PROPERTIES
Address: 100 BADEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100199
Global Id: T0608100199
Latitude: 37.6537387
Longitude: -122.408361
Status: Completed - Case Closed

ESCHELBACH PROPERTIES (Continued) **S102429265**

Status Date: 06/12/2001
Case Worker: JM
RB Case Number: 41-0209
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 550074
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100199
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100199
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100199
Action Type: Other
Date: 10/01/1990
Action: Leak Discovery

Global Id: T0608100199
Action Type: ENFORCEMENT
Date: 01/10/1991
Action: Notice of Responsibility - #1

Global Id: T0608100199
Action Type: Other
Date: 02/09/1990
Action: Leak Reported

Global Id: T0608100199
Action Type: REMEDIATION
Date: 10/02/1992
Action: Not reported

LUST:
Global Id: T0608100199
Status: Open - Case Begin Date
Status Date: 02/09/1990

Global Id: T0608100199
Status: Completed - Case Closed

ESCHELBACH PROPERTIES (Continued) **S102429265**

Status Date: 06/12/2001

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 550074
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: AIRPORT OLYMPIC
Address: 100 BADEN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550095
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550095-000001
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 4

Name: AIRPORT OLYMPIC
Address: 100 BADEN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550095
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550095-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported

ESCHELBACH PROPERTIES (Continued) **S102429265**

Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: AIRPORT OLYMPIC
Address: 100 BADEN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550095
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550095-000003
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: AIRPORT OLYMPIC
Address: 100 BADEN AVE
City: S SAN FRANCISCO
Status: Not reported
Comp Number: 550095
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-550095-000004
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

San Mateo Co. BI:
Name: AIRPORT OLYMPIC
Address: 100 BADEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0013855
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022633
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

ESCHELBACH PROPERTIES (Continued) **S102429265**

CORTESE:

Name:	ESCHELBACH PROPERTIES
Address:	100 BADEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100199
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	ESCHELBACH PROPERTIES
edr_fadd1:	100 BADEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0209

CERS:

Name:	ESCHELBACH PROPERTIES
Address:	100 BADEN
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Site ID:	220975
CERS ID:	T0608100199
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

ESCHELBACH PROPERTIES (Continued) **S102429265**

Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

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586 **CALTRANS/SSF MAINTENANCE STATION** **ENVIROSTOR** **S105026698**
NE **166 HARBOR WAY** **VCP** **N/A**
1/2-1 **S SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.560 mi.
2955 ft.

Relative:
Lower

Actual:
13 ft.

ENVIROSTOR:

Name:	CALTRANS/SSF MAINTENANCE STATION
Address:	166 HARBOR WAY
City,State,Zip:	S SAN FRANCISCO, CA 94080
Facility ID:	41280108
Status:	Inactive - Needs Evaluation
Status Date:	09/28/2018
Site Code:	200875
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	2.1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Julie Pettijohn
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.65239
Longitude:	-122.4010
APN:	015-032-040, 015032040
Past Use:	MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - METAL, RECYCLING - DRUM, VEHICLE MAINTENANCE
Potential COC:	Arsenic Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel Copper and compounds
Confirmed COC:	Arsenic Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel Copper and compounds
Potential Description:	OTH, SOIL
Alias Name:	WESTERN DRUM
Alias Type:	Alternate Name
Alias Name:	015-032-040
Alias Type:	APN
Alias Name:	015032040
Alias Type:	APN
Alias Name:	110033618315
Alias Type:	EPA (FRS #)
Alias Name:	200875
Alias Type:	Project Code (Site Code)

CALTRANS/SSF MAINTENANCE STATION (Continued) **S105026698**

Alias Name: 41280108
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/22/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/08/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 05/26/2005
Comments: VCA Termination letter submitted by Caltrans.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/23/2001
Comments: VCA with the State of CA, Department of Transportation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: IC Public Advisory
Completed Date: 09/28/2018
Comments: Contamination remains above residential use levels. In its April 26, 2005 letter terminating the VCA, Caltrans agreed to maintain the current asphalt/concrete surface and to evaluate subsurface conditions prior to any redevelopment of the property.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: CALTRANS/SSF MAINTENANCE STATION
Address: 166 HARBOR WAY
City,State,Zip: S SAN FRANCISCO, CA 94080

CALTRANS/SSF MAINTENANCE STATION (Continued) **S105026698**

Facility ID:	41280108
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Julie Pettijohn
Division Branch:	Cleanup Berkeley
Site Code:	200875
Assembly:	22
Senate:	13
Special Programs Code:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	09/28/2018
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.65239 / -122.4010
APN:	015-032-040, 015032040
Past Use:	MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - METAL, RECYCLING - DRUM, VEHICLE MAINTENANCE
Potential COC:	30001, 30013, 30018, 30019, 30024, 30156
Confirmed COC:	30001,30013,30018,30019,30024,30156
Potential Description:	OTH, SOIL
Alias Name:	WESTERN DRUM
Alias Type:	Alternate Name
Alias Name:	015-032-040
Alias Type:	APN
Alias Name:	015032040
Alias Type:	APN
Alias Name:	110033618315
Alias Type:	EPA (FRS #)
Alias Name:	200875
Alias Type:	Project Code (Site Code)
Alias Name:	41280108
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	01/22/1996
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	05/08/1987
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement Termination Notification
Completed Date:	05/26/2005
Comments:	VCA Termination letter submitted by Caltrans.

CALTRANS/SSF MAINTENANCE STATION (Continued) **S105026698**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	02/23/2001
Comments:	VCA with the State of CA, Department of Transportation.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	08/01/1980
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	IC Public Advisory
Completed Date:	09/28/2018
Comments:	Contamination remains above residential use levels. In its April 26, 2005 letter terminating the VCA, Caltrans agreed to maintain the current asphalt/concrete surface and to evaluate subsurface conditions prior to any redevelopment of the property.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

HIST CORTESE:

edr_fname:	CALTRANS/SSF MAINTENANCE
edr_fadd1:	166 HARBOR
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	CALSI
Reg Id:	41280108

587
North
1/2-1
0.575 mi.
3038 ft.

INTERNATIONAL PAINT COMPA **ENVIROSTOR** **S103893462**
220 LINDEN **San Mateo Co. BI** **N/A**
S SAN FRANCISCO, CA 94080 **HIST CORTESE**

Relative:
Higher

Actual:
28 ft.

ENVIROSTOR:

Name:	INTERNATIONAL PAINT COMPANY
Address:	220 SOUTH LINDEN AVENUE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Facility ID:	38280291
Status:	Refer: RCRA
Status Date:	03/04/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported

INTERNATIONAL PAINT COMPA (Continued) **S103893462**

NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.64145
Longitude: -122.4125
APN: 014-242-010, 014242010
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * ORGANIC LIQUIDS (NONSOLVENTS) WITH HALOGENS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Courtaulds Coating
Alias Type: Alternate Name
Alias Name: INTERNATIONAL PAINT CO.
Alias Type: Alternate Name
Alias Name: L & D EQUIPMENT CO INC
Alias Type: Alternate Name
Alias Name: 014-242-010
Alias Type: APN
Alias Name: 014242010
Alias Type: APN
Alias Name: 80001592
Alias Type: Former Project ID
Alias Name: SLT2O324940
Alias Type: GeoTracker Global ID
Alias Name: 38280291
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

San Mateo Co. BI:
Name: EDMOND SCREEN PRINTING CO
Address: 220 LINDEN

INTERNATIONAL PAINT COMPA (Continued) **S103893462**

City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024736
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0030050
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: EDMOND SCREEN PRINTING CO
Address: 220 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0024736
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0030051
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: L & D DEVELOPMENT
Address: 220 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025985
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0037439
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: L & D DEVELOPMENT
Address: 220 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0025985
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0037438
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: AIR GAS
Address: 220 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0009880
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004326
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: TONYS PARTS FOR PARTS
Address: 220 LINDEN
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO

INTERNATIONAL PAINT COMPA (Continued) **S103893462**

Facility ID:	FA0040787
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0056614
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

HIST CORTESE:

edr_fname:	INTERNATIONAL PAINT COMPA
edr_fadd1:	220 LINDEN
City,State,Zip:	S SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	38
Reg By:	CALSI
Reg Id:	38280291

CB588 **CAMP TANFORAN** **ENVIROSTOR** **S107736068**
WSW **N/A**
1/2-1 **SAN BRUNO, CA**
0.607 mi.
3207 ft. **Site 1 of 2 in cluster CB**

Relative: **Higher**

Actual: **48 ft.**

ENVIROSTOR:

Name:	CAMP TANFORAN
Address:	Not reported
City,State,Zip:	SAN BRUNO, CA
Facility ID:	80000381
Status:	No Further Action
Status Date:	09/13/2012
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	118
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Carrie Tatoian-Cain
Division Branch:	Cleanup Sacramento
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	37.63944
Longitude:	-122.4202
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F571500
Alias Type:	Federal Facility ID
Alias Name:	J09CA0774
Alias Type:	INPR
Alias Name:	80000381

CAMP TANFORAN (Continued) **S107736068**

Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Department of Defense Action Indicated (NDAI)
Completed Date: 09/13/2012
Comments: This determination is based on information in DTSC s and the Water Boards possession at this time concerning Department of Defense (DoD) activities on the sites listed above. DTSC and the Water Boards reserve the right to address any appropriate environmental or human health related issue, should additional information concerning the environmental condition of these sites become available in the future.
Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CB589
WSW
1/2-1
0.611 mi.
3228 ft.

CAMP TANFORAN **FUDS** **1024903722**
N/A

SAN BRUNO, CA

Site 2 of 2 in cluster CB

Relative:
Higher

Actual:
48 ft.

FUDS:
EPA Region: 9
Installation ID: CA99799F571500
Congressional District Number: 14
Name: CAMP TANFORAN
FUDS Number: J09CA0774
City: SAN BRUNO
State: CA
County: SAN MATEO
Object ID: 611
USACE Division: SPD
USACE District: Sacramento District (SPK)
Status: Properties without projects
Current Owner: Not reported
EMS Map Link: https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=57282
Eligibility: Eligible
Has Projects: No
NPL Status: Not on the NPL
Property History: Prior to DoD use, the Site was the Tanforan Race Track, primarily used for horse races. Around 1911, it was briefly used as an airfield. During World War I, the Site was used as a military training center. In 1942, former Camp Tanforan was acquired for use as a temporary assembly center for persons of Japanese ancestry shortly following the bombing of Pearl Harbor in December 1941. The U.S. Army took possession of the property on 3 April 1942, and initial construction was completed on 25 April 1942. The camp was constructed to house 7,900 people. The first group of Japanese

CAMP TANFORAN (Continued) **1024903722**

internees arrived on 28 April 1942, and the Site reached a maximum capacity of 7,893 internees. Internees were housed in newly constructed barracks as well as the existing horse stables at the Site. Mess halls, recreation buildings, latrines, showers, and infirmaries were constructed to accommodate the internees. By 13 October 1942, the last of the internees were sent to a more permanent relocation center further inland. The Site closed as an assembly center on 26 October 1942. Between November 1942 and March 1944, various branches of the DoD temporarily used the Site for housing troops. The Site officially transferred from the Department of the Army to the Department of the Navy on 1 March 1944. Under the U.S. Navy, the Site was known as the Naval Advance Personnel Depot San Bruno. Additional buildings constructed by the U.S. Navy included a boiler house, paint locker, rifle range building, and incinerator.
The lease to the property was scheduled to terminate on 30 June 1946. An aerial photograph dated 29 July 1946 shows that all DoD-constructed buildings except one former barracks and one mess hall were removed. The lease termination documents for the property were not found during research. Following DoD use, the Site reopened as a race track until the early 1960s, and it was destroyed by a fire in 1964. In 1971, a commercial mall known as the Tanforan Park Shopping Center was constructed at the location. Additional commercial developments were constructed on the northern portion of the Site in the 1980s. The Tanforan Park Shopping Center reopened as The Shops at Tanforan after major renovations and a BART station were completed in 2005.

Project Required:	No
Feature Description:	Not reported
Latitude:	37.63944444
Longitude:	-122.42027778

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590 North 1/2-1 0.649 mi. 3429 ft.

AIRPORT BOULEVARD PROPERTIES **ENVIROSTOR S118584220**
309/315/401/411/421 AIRPORT BLVD, 401-407 CYPRESS AVE, 216 M **VCP N/A**
SOUTH SAN FRANCISCO, CA 94080

Relative: Higher

Actual: 29 ft.

ENVIROSTOR:

Name:	AIRPORT BOULEVARD PROPERTIES
Address:	309/315/401/411/421 AIRPORT BLVD, 401-407 CYPRESS AVE, 216 MILLER AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility ID:	60002307
Status:	Active
Status Date:	01/14/2020
Site Code:	202328
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Robert Boggs
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Assembly:	, 22
Senate:	, 13
Special Program:	CLRRA Liability Immunity (AB 389)

AIRPORT BOULEVARD PROPERTIES (Continued) **S118584220**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.65596
Longitude: -122.4088
APN: NONE SPECIFIED
Past Use: DEGREASING FACILITY, ENGINE TESTING/REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, HOTEL, RETAIL - SERVICE STATION, RETAIL - VEHICLES, UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE
Potential COC: Benzene Lead Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-gas TPH-MOTOR OIL Trichloroethylene (TCE Ethylbenzene Benzo[a]pyrene Toluene Xylenes
Confirmed COC: Benzene Lead Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-gas TPH-MOTOR OIL Trichloroethylene (TCE Ethylbenzene Benzo[a]pyrene Toluene Xylenes
Potential Description: IA, OTH, SOIL, SV
Alias Name: 202080
Alias Type: Project Code (Site Code)
Alias Name: 202328
Alias Type: Project Code (Site Code)
Alias Name: 60002307
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/07/2016
Comments: DTSC comments discussed during a meeting on 11/7/2016. Report and data accepted by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/01/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/01/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/07/2016
Comments: Report discussed and data accepted by DTSC during a meeting on 11/7/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 03/10/2017
Comments: The public comment ended on February 23, 2017. No comments regarding the Draft Response Plan were received. Therefore, the Response Plan and Site Management Plan were approved. A Final Response Plan was requested by 3/17/2017.

AIRPORT BOULEVARD PROPERTIES (Continued) **S118584220**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/19/2017
Comments: Placed in SF Examiner.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/19/2017
Comments: Community Update mailed out in English and Spanish.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/21/2017
Comments: Completed and signed Community Profile

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/11/2020
Comments: This Completion Report describes the Response Plan implementation. The response actions included implementing the site management plan to manage soil during construction and addressing tetrachloroethene in soil gas at 400 Cypress Avenue. A vapor mitigation system was installed to prevent vapor intrusion into residential units.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/12/2019
Comments: Work Plan completed and approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/29/2020
Comments: Phase I complete. CLRRA response actions required for a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/29/2020
Comments: Phase I ESA/AAI. CLRRA Response Actions required on a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/29/2020
Comments: Phase I ESA/AAI. CLRRA Response Actions required on a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

AIRPORT BOULEVARD PROPERTIES (Continued) **S118584220**

Completed Document Type: Phase 1
Completed Date: 05/29/2020
Comments: Phase I ESA/AAI. CLRRA Response Actions required on a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 09/24/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 09/20/2021
Comments: PPS determined that work notice was complete but did not require mail out. Operations associated with the removal of impacted soil are not discernable from other site grading, excavation and earth work activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/16/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2016
Comments: Annual Cost Estimate Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/10/2020
Comments: Annual Oversight Cost Estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: OPEA Consultation
Completed Date: 09/15/2020
Comments: Consultation completed. No CEQA document required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/22/2020
Comments: Building construction and testing for vapor intrusion complete.

Completed Area Name: PROJECT WIDE

AIRPORT BOULEVARD PROPERTIES (Continued) **S118584220**

Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 03/06/2017
Comments: Addendum to EIR to fulfill CEQA requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/11/2020
Comments: Phase I project completed and certified for O&M.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/29/2016
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2022
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: AB 389 Response Plan
Schedule Due Date: 04/14/2022
Schedule Revised Date: Not reported

VCP:
Name: AIRPORT BOULEVARD PROPERTIES
Address: 309/315/401/411/421 AIRPORT BLVD, 401-407 CYPRESS AVE, 216 MILLER AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Facility ID: 60002307
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Robert Boggs
Supervisor: Kimberly Walsh
Division Branch: Cleanup Berkeley
Site Code: 202328
Assembly: , 22
Senate: , 13
Special Programs Code: CLRRA Liability Immunity (AB 389)
Status: Active
Status Date: 01/14/2020
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.65596 / -122.4088
APN: NONE SPECIFIED
Past Use: DEGREASING FACILITY, ENGINE TESTING/REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, HOTEL, RETAIL - SERVICE STATION, RETAIL - VEHICLES, UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE
Potential COC: 30003, 30013, 30019, 30022, 30025, 3002502, 30027, 30272, 30478,

AIRPORT BOULEVARD PROPERTIES (Continued) **S118584220**

30550, 30593
Confirmed COC: 30003,30013,30019,30022,30025,3002502,30027,30272,30478,30550,30593
Potential Description: IA, OTH, SOIL, SV
Alias Name: 202080
Alias Type: Project Code (Site Code)
Alias Name: 202328
Alias Type: Project Code (Site Code)
Alias Name: 60002307
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/07/2016
Comments: DTSC comments discussed during a meeting on 11/7/2016. Report and data accepted by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/01/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/01/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/07/2016
Comments: Report discussed and data accepted by DTSC during a meeting on 11/7/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 03/10/2017
Comments: The public comment ended on February 23, 2017. No comments regarding the Draft Response Plan were received. Therefore, the Response Plan and Site Management Plan were approved. A Final Response Plan was requested by 3/17/2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/19/2017
Comments: Placed in SF Examiner.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/19/2017
Comments: Community Update mailed out in English and Spanish.

AIRPORT BOULEVARD PROPERTIES (Continued) **S118584220**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/21/2017
Comments: Completed and signed Community Profile

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/11/2020
Comments: This Completion Report describes the Response Plan implementation. The response actions included implementing the site management plan to manage soil during construction and addressing tetrachloroethene in soil gas at 400 Cypress Avenue. A vapor mitigation system was installed to prevent vapor intrusion into residential units.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/12/2019
Comments: Work Plan completed and approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/29/2020
Comments: Phase I complete. CLRRA response actions required for a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/29/2020
Comments: Phase I ESA/AAI. CLRRA Response Actions required on a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/29/2020
Comments: Phase I ESA/AAI. CLRRA Response Actions required on a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/29/2020
Comments: Phase I ESA/AAI. CLRRA Response Actions required on a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 09/24/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE

AIRPORT BOULEVARD PROPERTIES (Continued) **S118584220**

Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 09/20/2021
Comments: PPS determined that work notice was complete but did not require mail out. Operations associated with the removal of impacted soil are not discernable from other site grading, excavation and earth work activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/16/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2016
Comments: Annual Cost Estimate Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/10/2020
Comments: Annual Oversight Cost Estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: OPEA Consultation
Completed Date: 09/15/2020
Comments: Consultation completed. No CEQA document required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/22/2020
Comments: Building construction and testing for vapor intrusion complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 03/06/2017
Comments: Addendum to EIR to fulfill CEQA requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/11/2020
Comments: Phase I project completed and certified for O&M.

Completed Area Name: PROJECT WIDE

AIRPORT BOULEVARD PROPERTIES (Continued) **S118584220**

Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/29/2016
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2022
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: AB 389 Response Plan
Schedule Due Date: 04/14/2022
Schedule Revised Date: Not reported

CC591 **EXIDE CORP** **ENVIROSTOR** **S100861654**
ENE **286 LAWRENCE AVE** **CPS-SLIC** **N/A**
1/2-1 **SOUTH SAN FRANCISCO, CA 94080** **HIST CORTESE**
0.666 mi. **HWP**
3517 ft. **Site 1 of 3 in cluster CC** **CERS**

Relative: **Lower**
Actual: **9 ft.**

ENVIROSTOR:
Name: EXIDE CORP/SAN FRANCISCO SVC CTR
Address: 286 LAWRENCE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Facility ID: 80001392
Status: No Further Action
Status Date: 07/30/2010
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 2.04
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.64906
Longitude: -122.3953
APN: 015-135-090
Past Use: ABOVE GROUND STORAGE TANKS, BATTERY RECLAMATION, BATTERY STORAGE
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: 015-135-090
Alias Type: APN
Alias Name: CAD046000931
Alias Type: EPA Identification Number
Alias Name: 110000609574
Alias Type: EPA (FRS #)
Alias Name: 80001392

EXIDE CORP (Continued) **S100861654**

Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 01/08/2001
Comments: RCRA Facility Assessment Completed 1/08/2001

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 04/01/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/03/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 06/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 04/17/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 04/17/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 01/01/1993
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SLIC REG 2:
Region: 2

EXIDE CORP (Continued) **S100861654**

Facility ID: 41S0021
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Name:	EXIDE CORP
Address:	286 LAWRENCE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/01/1970
Global Id:	SLT2O322213
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.649185
Longitude:	-122.396419
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	41S0021
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST CORTESE:

edr_fname:	EXIDE SAN FRANCISCO SERVI
edr_fadd1:	286 LAWRENCE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	CORTESE
Facility County Code:	41
Reg By:	CALSI
Reg Id:	41290004

HWP:

EPA ID:	CAD046000931
Name:	EXIDE CORP/SAN FRANCISCO SVC CTR
Address:	286 LAWRENCE AVE
Cleanup Status:	CLOSED
Latitude:	37.64906
Longitude:	-122.3953
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported

EXIDE CORP (Continued) **S100861654**

Supervisor:	Not reported
Site Code:	Not reported
Senate District:	13
Assembly District:	22
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Not reported
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	Not reported
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	81-85%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Closure:

EPA ID:	CAD046000931
Facility Type:	Historical - Non-Operating
Facility Name:	EXIDE CORP/SAN FRANCISCO SVC CTR
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	CLOSED
Activity Type:	Closure Final
Final Date:	Not reported
Type:	Not reported
Title Description:	Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	TANKSTR1, TANKTRT1
Event Description:	Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date:	04/06/1995

EPA ID:	CAD046000931
Facility Type:	Historical - Non-Operating
Facility Name:	EXIDE CORP/SAN FRANCISCO SVC CTR
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	CLOSED
Activity Type:	Closure Final
Final Date:	Not reported
Type:	Not reported
Title Description:	Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	TANKSTR1, TANKTRT1
Event Description:	Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date:	04/06/1995

Alias:

EPA ID:	CAD046000931
Facility Type:	Historical - Non-Operating

EXIDE CORP (Continued) **S100861654**

Facility Name: EXIDE CORP/SAN FRANCISCO SVC CTR
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: FRS
Alias: 110000609574

CERS:
Name: EXIDE CORP/SAN FRANCISCO SVC CTR
Address: 286 LAWRENCE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940800000
Site ID: 239844
CERS ID: CAD046000931
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Owner
Entity Name: ESB INCORPORATED
Entity Title: Not reported
Affiliation Address: PO BOX 8109
Affiliation City: PHILADELPHIA
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 191010000
Affiliation Phone: 2159728000,

Affiliation Type Desc: Facility Contact
Entity Name: INACT UNDELVR SURVEY 12-21-94
Entity Title: Not reported
Affiliation Address: PO BOX 8109
Affiliation City: PHILADELPHIA
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 191010000
Affiliation Phone: 2159728000,

Name: EXIDE CORP
Address: 286 LAWRENCE AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Site ID: 213915
CERS ID: SLT2O322213
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

CC592 **EXIDE SAN FRANCISCO SERVICE CENTER** **ENVIROSTOR** **S100453853**
ENE **286 LAWRENCE AVENUE** **N/A**
1/2-1 **S SAN FRANCISCO, CA 94089**
0.666 mi.
3517 ft. **Site 2 of 3 in cluster CC**

Relative: **Lower**
Actual: **9 ft.**

ENVIROSTOR:

Name:	EXIDE SAN FRANCISCO SERVICE CENTER
Address:	286 LAWRENCE AVENUE
City,State,Zip:	S SAN FRANCISCO, CA 94089
Facility ID:	41290004
Status:	No Further Action
Status Date:	12/12/2002
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.15
NPL:	NO
Regulatory Agencies:	HWMP, SMBRP, US EPA, SAN MATEO COUNTY
Lead Agency:	HWMP
Program Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.64888
Longitude:	-122.3952
APN:	NONE SPECIFIED
Past Use:	BATTERY MANUFACTURING, BATTERY RECLAMATION, BATTERY STORAGE
Potential COC:	Lead Sulfuric Acid
Confirmed COC:	305251-NO Lead
Potential Description:	SOIL
Alias Name:	CAD046000931
Alias Type:	EPA Identification Number
Alias Name:	41290004
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	12/13/2002
Comments:	The site has been cleaned up and certified. The remaining lead in the soil is below 200 mg/kg and covered with four feet of fill. Groundwater results were below action levels for lead.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CC593 **EXIDE SAN FRANCISCO SERV CTR** **SEMS-ARCHIVE** **1000185668**
ENE **286 LAWRENCE AVE** **CORRACTS** **CAD046000931**
1/2-1 **SOUTH SAN FRANCISCO, CA 94080** **RCRA-SQG**
0.666 mi. **2020 COR ACTION**
3517 ft. **Site 3 of 3 in cluster CC** **FINDS**
ECHO

Relative:
Lower

Actual:
9 ft.

SEMS Archive:

Site ID:	0903273
EPA ID:	CAD046000931
Name:	EXIDE SAN FRANCISCO SERV CTR
Address:	286 LAWRENCE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Cong District:	11
FIPS Code:	06081
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region:	09
Site ID:	0903273
EPA ID:	CAD046000931
Site Name:	EXIDE SAN FRANCISCO SERV CTR
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0903273
EPA ID:	CAD046000931
Site Name:	EXIDE SAN FRANCISCO SERV CTR
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1991-04-01 05:00:00
Finish Date:	1991-04-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0903273
EPA ID:	CAD046000931
Site Name:	EXIDE SAN FRANCISCO SERV CTR
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA

EXIDE SAN FRANCISCO SERV CTR (Continued) **1000185668**

SEQ: 1
Start Date: Not reported
Finish Date: 1991-10-21 04:00:00
Qual: D
Current Action Lead: EPA Perf

CORRACTS:
Name: EXIDE SAN FRANCISCO SERV CTR
Address: 286 LAWRENCE AVE
Address 2: Not reported
EPA ID: CAD046000931
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED
Actual Date: 20010108
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: EXIDE SAN FRANCISCO SERV CTR
Address: 286 LAWRENCE AVE
Address 2: Not reported
EPA ID: CAD046000931
Area Name: ENTIRE FACILITY
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
Actual Date: 20010108
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: EXIDE SAN FRANCISCO SERV CTR
Address: 286 LAWRENCE AVE
Address 2: Not reported
EPA ID: CAD046000931
Area Name: ENTIRE FACILITY
Corrective Action: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date: 20120620
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: EXIDE SAN FRANCISCO SERV CTR
Address: 286 LAWRENCE AVE
Address 2: Not reported
EPA ID: CAD046000931
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20000417
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

EXIDE SAN FRANCISCO SERV CTR (Continued) **1000185668**

Name: EXIDE SAN FRANCISCO SERV CTR
Address: 286 LAWRENCE AVE
Address 2: Not reported
EPA ID: CAD046000931
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20000417
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA-SQG:
Date Form Received by Agency: 19960901
Handler Name: EXIDE SAN FRANCISCO SERV CTR
Handler Address: 286 LAWRENCE AVE
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAD046000931
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities, Corrective Action Activities
State District Owner: CA
State District: 2
Mailing Address: 286 LAWRENCE AVE
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: Not reported
Owner Type: Not reported
Operator Name: ESB INCORPORATED
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---

EXIDE SAN FRANCISCO SERV CTR (Continued) **1000185668**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	Yes
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESB INCORPORATED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8109
Owner/Operator City,State,Zip:	CITY NOT REPORTED, PA 99999
Owner/Operator Telephone:	215-972-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESB INCORPORATED
Legal Status:	Private
Date Became Current:	Not reported

EXIDE SAN FRANCISCO SERV CTR (Continued) **1000185668**

Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8109
Owner/Operator City,State,Zip: PHILADELPHIA, PA 19101
Owner/Operator Telephone: 215-972-8000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: EXIDE SAN FRANCISCO SERV CTR
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800805
Handler Name: EXIDE SAN FRANCISCO SERV CTR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 335911
NAICS Description: STORAGE BATTERY MANUFACTURING

NAICS Code: 42161
NAICS Description: ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND CONSTRUCTION MATERIAL WHOLESALERS

NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19880406
Actual Return to Compliance Date: 19890501
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

EXIDE SAN FRANCISCO SERV CTR (Continued) **1000185668**

Date of Enforcement Action:	19890416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

EXIDE SAN FRANCISCO SERV CTR (Continued) **1000185668**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20010101
Actual Return to Compliance Date: 20010101
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19880406
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19890501
Scheduled Compliance Date: Not reported

EXIDE SAN FRANCISCO SERV CTR (Continued) **1000185668**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880428
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920323
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

2020 COR ACTION:

EPA ID:	CAD046000931
Region:	9
Action:	Remedy Construction

EXIDE SAN FRANCISCO SERV CTR (Continued) **1000185668**

FINDS:
Registry ID: 110000609574

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000185668
Registry ID:	110000609574
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000609574
Name:	EXIDE SAN FRANCISCO SERV CTR
Address:	286 LAWRENCE AVE
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

---

594 South 1/2-1 0.703 mi. 3710 ft. **AUTOHAUS** **675 EAST SAN BRUNO AVENUE** **SAN BRUNO, CA 94066** **LUST San Mateo Co. BI Cortese Notify 65 CERS** **S100179030 N/A**

Relative: Lower

Actual: 16 ft.

LUST:

Name:	AUTOHAUS
Address:	675 EAST SAN BRUNO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100047
Global Id:	T0608100047
Latitude:	37.6311971729195
Longitude:	-122.406921386719
Status:	Completed - Case Closed
Status Date:	04/24/1997
Case Worker:	JM
RB Case Number:	41-0048
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	880014
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100047
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported

AUTOHAUS (Continued) **S100179030**

Phone Number: Not reported

Global Id: T0608100047
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100047
Action Type: Other
Date: 04/28/1989
Action: Leak Discovery

Global Id: T0608100047
Action Type: ENFORCEMENT
Date: 06/01/1989
Action: Notice of Responsibility - #1

Global Id: T0608100047
Action Type: Other
Date: 04/28/1989
Action: Leak Reported

LUST:
Global Id: T0608100047
Status: Open - Case Begin Date
Status Date: 04/28/1989

Global Id: T0608100047
Status: Completed - Case Closed
Status Date: 04/24/1997

San Mateo Co. BI:
Name: TRUST AUTO SERVICE
Address: 675 SAN BRUNO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018269
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0005032
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: TRUST AUTO SERVICE
Address: 675 SAN BRUNO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018269
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0012185

AUTOHAUS (Continued) **S100179030**

Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: TRUST AUTO SERVICE
Address: 675 SAN BRUNO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018269
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043476
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: TRUST AUTO AND PERFORMANCE
Address: 675 SAN BRUNO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0047860
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0065343
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: TRUST AUTO AND PERFORMANCE
Address: 675 SAN BRUNO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0047860
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0065341
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: TRUST AUTO AND PERFORMANCE
Address: 675 SAN BRUNO
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0047860
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0065342
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: AUTOHAUS
Address: 675 EAST SAN BRUNO AVENUE
City,State,Zip: SAN BRUNO, CA 94066
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100047
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

AUTOHAUS (Continued) **S100179030**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

NOTIFY 65:

Name:	AUTOHAUS SAN BRUNO
Address:	675 EAST SAN BRUNO
City,State,Zip:	SAN BRUNO, CA 92260
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

CERS:

Name:	AUTOHAUS
Address:	675 EAST SAN BRUNO AVENUE
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	256577
CERS ID:	T0608100047
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported

AUTOHAUS (Continued) **S100179030**

Affiliation Zip: Not reported
Affiliation Phone: ,

595
SSW
1/2-1
0.746 mi.
3941 ft.

FLAT RATE RENT A CAR
830 HUNTINGTON AVENUE
SAN BRUNO, CA 92260

HIST CORTESE **S100225465**
Notify 65 **N/A**

Relative:
Higher

Actual:
24 ft.

HIST CORTESE:
edr_fname: FLAT RATE RENT A CAR
edr_fadd1: 830 HUNTINGTON
City,State,Zip: SAN BRUNO, CA 94066
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0231

NOTIFY 65:
Name: FLAT RATE RENT A CAR
Address: 830 HUNTINGTON AVENUE
City,State,Zip: SAN BRUNO, CA 92260
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

596
NE
1/2-1
0.796 mi.
4201 ft.

VIROLOGIC INC
270 E GRAND AVE STE A
SOUTH SAN FRANCISCO, CA 94080

RCRA-SQG **1000298667**
RESPONSE **CAD054603824**
ENVIROSTOR
HIST Cal-Sites
FINDS
ECHO
San Mateo Co. BI

Relative:
Lower

Actual:
13 ft.

RCRA-SQG:
Date Form Received by Agency: 19960901
Handler Name: VIROLOGIC INC
Handler Address: 270 E GRAND AVE STE A
Handler City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
EPA ID: CAD054603824
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private

VIROLOGIC INC (Continued) **1000298667**

Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	270 E GRAND AVE STE A
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	AMERICAN CAN COMPANY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

VIROLOGIC INC (Continued) **1000298667**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN CAN COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	719 RARITAN ROAD
Owner/Operator City,State,Zip:	CITY NOT REPORTED, NJ 99999
Owner/Operator Telephone:	201-499-7800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC LAND ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	393 VINTAGE DR STE 200
Owner/Operator City,State,Zip:	FOSTER CITY, CA 94404
Owner/Operator Telephone:	415-358-8600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: VIROLOGIC INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19960719
Handler Name: VIROLOGIC INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA

VIROLOGIC INC (Continued) **1000298667**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	331492
NAICS Description:	SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

RESPONSE:

Name:	TINMET CORPORATION/MRI
Address:	270 EAST GRAND AVENUE
City,State,Zip:	S SAN FRANCISCO, CA 94080
Facility ID:	41340077
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	20
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Denise Tsuji
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Site Code:	Not reported
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	22
Senate:	13
Special Program Status:	Not reported
Status:	Certified
Status Date:	06/01/1986
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.65262
Longitude:	-122.3965
APN:	015-042-200, 015-042-210, 015-042-220, 015-042-230, 015042220
Past Use:	METAL RECLAMATION, METAL RECLAMATION
Potential COC :	Lead
Confirmed COC:	Lead
Potential Description:	SOIL, SOIL
Alias Name:	M R I
Alias Type:	Alternate Name
Alias Name:	MRI TINMET
Alias Type:	Alternate Name

VIROLOGIC INC (Continued) **1000298667**

Alias Name: 015-042-200
Alias Type: APN
Alias Name: 015-042-210
Alias Type: APN
Alias Name: 015-042-220
Alias Type: APN
Alias Name: 015-042-230
Alias Type: APN
Alias Name: 015042220
Alias Type: APN
Alias Name: 110033619920
Alias Type: EPA (FRS #)
Alias Name: 41340077
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/25/1987
Comments: Completed Site Screening. The site was a metal recycling facility for 60 years. DHS certified closure in 1986. During its sale, levels exceeding closure criteria were found (650-1020 ppm Lead). DHS allowed development of the site for industrial uses if site will be covered with one foot cap of fill material and if declaration of covenants, conditions and restrictions is recorded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/01/1986
Comments: Certified site. In June of 1982, Tinmet submitted a closure plan to DHS. Closure was carried out from July 1982 through October 1985. Closure activities consisted of the removal of on-site commercial waste products, contaminated soils and sludges from various areas, shredder residue, two underground storage tanks, and liquid from the evaporation pond. The closure plan was overseen and approved by DHS. The primary chemicals of concern in soil, sludge, surface water, and groundwater were lead and zinc. Soils were removed to an average concentration of 500 ppm total lead. The SF Regional Water Quality Control Board oversaw surface and groundwater monitoring at the site during closure. In late 1985, soils containing elevated levels of lead were removed from an adjacent Southern Pacific (SP) Railroad right-of-way containing greater than 1,000 ppm of lead at the surface were excavated to a depth of six inches and disposed as hazardous waste. The excavated area, the trench, and a drainage ditch in the SP right-of-way were backfilled with clean imported soil. The objective of the soil remediation program on the SP right-of-way was to eliminate contact between surface water runoff from the site and soils containing elevated lead concentrations. However, concentrations of lead remained in areas of the right-of-way as high as 3,950 ppm. Following completion of remedial activities at the

VIROLOGIC INC (Continued) **1000298667**

adjacent SP right-of-way, DHS certified closure of the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 03/30/2011
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: TINMET CORPORATION/MRI
Address: 270 EAST GRAND AVENUE
City,State,Zip: S SAN FRANCISCO, CA 94080
Facility ID: 41340077
Status: Certified
Status Date: 06/01/1986
Site Code: Not reported
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 20
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Denise Tsuji
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.65262
Longitude: -122.3965
APN: 015-042-200, 015-042-210, 015-042-220, 015-042-230, 015042220
Past Use: METAL RECLAMATION, METAL RECLAMATION
Potential COC: Lead Lead
Confirmed COC: Lead
Potential Description: SOIL, SOIL
Alias Name: M R I
Alias Type: Alternate Name
Alias Name: MRI TINMET
Alias Type: Alternate Name
Alias Name: 015-042-200
Alias Type: APN
Alias Name: 015-042-210
Alias Type: APN
Alias Name: 015-042-220
Alias Type: APN
Alias Name: 015-042-230
Alias Type: APN
Alias Name: 015042220
Alias Type: APN
Alias Name: 110033619920

VIROLOGIC INC (Continued) **1000298667**

Alias Type: EPA (FRS #)
Alias Name: 41340077
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/25/1987
Comments: Completed Site Screening. The site was a metal recycling facility for 60 years. DHS certified closure in 1986. During its sale, levels exceeding closure criteria were found (650-1020 ppm Lead). DHS allowed development of the site for industrial uses if site will be covered with one foot cap of fill material and if declaration of covenants, conditions and restrictions is recorded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/01/1986
Comments: Certified site. In June of 1982, Tinmet submitted a closure plan to DHS. Closure was carried out from July 1982 through October 1985. Closure activities consisted of the removal of on-site commercial waste products, contaminated soils and sludges from various areas, shredder residue, two underground storage tanks, and liquid from the evaporation pond. The closure plan was overseen and approved by DHS. The primary chemicals of concern in soil, sludge, surface water, and groundwater were lead and zinc. Soils were removed to an average concentration of 500 ppm total lead. The SF Regional Water Quality Control Board oversaw surface and groundwater monitoring at the site during closure. In late 1985, soils containing elevated levels of lead were removed from an adjacent Southern Pacific (SP) Railroad right-of-way containing greater than 1,000 ppm of lead at the surface were excavated to a depth of six inches and disposed as hazardous waste. The excavated area, the trench, and a drainage ditch in the SP right-of-way were backfilled with clean imported soil. The objective of the soil remediation program on the SP right-of-way was to eliminate contact between surface water runoff from the site and soils containing elevated lead concentrations. However, concentrations of lead remained in areas of the right-of-way as high as 3,950 ppm. Following completion of remedial activities at the adjacent SP right-of-way, DHS certified closure of the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 03/30/2011
Schedule Revised Date: Not reported

VIROLOGIC INC (Continued) **1000298667**

Calsite:

Name:	TINMET CORPORATION/MRI
Address:	270 EAST GRAND AVENUE
City:	S SAN FRANCISCO
Region:	BERKELEY
Facility ID:	41340077
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	06011986
Status:	CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name:	CERTIFIED
Lead Agency:	N/A
NPL:	Not reported
SIC Code:	34
SIC Name:	MANU - FABRICATED METAL PRODUCTS
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
Staff Member Responsible for Site:	HATIQEE
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	19
State Senate District Code:	08
Facility ID:	41340077
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06011986
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

VIROLOGIC INC (Continued) **1000298667**

Facility ID:	41340077
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09251987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	270 EAST GRAND AVENUE
Alternate City,St,Zip:	S SAN FRANCISCO, CA 94080
Background Info:	This approximately 20-acre Site is currently Brittania Point Grand, a commercial park occupied by a number of biotechnology companies. Office buildings, parking areas, and landscaping are the essential features of the Site. The Site is bounded to the north by East Grand Avenue, to the south by railroad tracks, to the east by Littlefield Avenue, and to the west by Harbor Way and the rest of Brittania Point Grand. The Site was formerly the location of a processing plant for the recovery of tin and steel from scrap tinplate. The plant had been in existence from 1922 until operations ceased in 1982. Operations at the Site prior to 1922 are unknown. The plant operated under a succession of owners, the last of which was Tinmet Corporation (Tinmet), which purchased the plant and its owner, MRI Corporation. During plant operations, a two-acre evaporation pond existed on-site for the collection of plant effluent. Large piles of scrap steel generated in the detinning process were also stored on-site. NC Land Associates purchased the Site in 1987. Britannia Point Grand purchased the Site from NC Land Associates in 1997 and redevelopmed it to its current commercial use.
Comments Date:	06011986
Comments:	Certified site. In June of 1982, Tinmet submitted a closure
Comments Date:	06011986
Comments:	plan to DHS. Closure was carried out from July 1982 through
Comments Date:	06011986
Comments:	October 1985. Closure activities consisted of the removal of
Comments Date:	06011986
Comments:	on-site commercial waste products, contaminated soils and
Comments Date:	06011986
Comments:	sludges from various areas, shredder residue, two underground
Comments Date:	06011986
Comments:	storage tanks, and liquid from the evaporation pond. The

VIROLOGIC INC (Continued) **1000298667**

Comments Date:	06011986
Comments:	closure plan was overseen and approved by DHS. The primary
Comments Date:	06011986
Comments:	chemicals of concern in soil, sludge, surface water, and
Comments Date:	06011986
Comments:	groundwater were lead and zinc. Soils were removed to an
Comments Date:	06011986
Comments:	average concentration of 500 ppm total lead. The SF Regional
Comments Date:	06011986
Comments:	Water Quality Control Board oversaw surface and groundwater
Comments Date:	06011986
Comments:	monitoring at the site during closure. In late 1985, soils
Comments Date:	06011986
Comments:	containing elevated levels of lead were removed from an adjacent
Comments Date:	06011986
Comments:	Southern Pacific (SP) Railroad right-of-way containing greater
Comments Date:	06011986
Comments:	than 1,000 ppm of lead at the surface were excavated to a depth
Comments Date:	06011986
Comments:	of six inches and disposed as hazardous waste. The excavated
Comments Date:	06011986
Comments:	area, the trench, and a drainage ditch in the SP right-of-way
Comments Date:	06011986
Comments:	were backfilled with clean imported soil. The objective of the
Comments Date:	06011986
Comments:	soil remediation program on the SP right-of-way was to eliminate
Comments Date:	06011986
Comments:	contact between surface water runoff from the site and soils
Comments Date:	06011986
Comments:	containing elevated lead concentrations. However,
Comments Date:	06011986
Comments:	concentrations of lead remained in areas of the right-of-way as
Comments Date:	06011986
Comments:	high as 3,950 ppm. Following completion of remedial activities
Comments Date:	06011986
Comments:	at the adjacent SP right-of-way, DHS certified closure of the
Comments Date:	06011986
Comments:	site.
Comments Date:	08011980
Comments:	Facility identified: Inactive site identified independent of
Comments Date:	08011980
Comments:	drive-by.
Comments Date:	08191991
Comments:	Completed Site Screening. Investigations performed by a
Comments Date:	08191991
Comments:	potential buyer for the site in 1987 found elevated levels of
Comments Date:	08191991
Comments:	lead in soils, with an average concentration of 1,000 ppm, and
Comments Date:	08191991
Comments:	concentrations as high as 5,300 ppm. In order to adress this
Comments Date:	08191991
Comments:	issue, a one-foot cap of clean soil was placed over the whole
Comments Date:	08191991
Comments:	site. When NC Land Associates purchased the site in 1987, a
Comments Date:	08191991
Comments:	deed restriction was placed limiting development at the site to
Comments Date:	08191991

VIROLOGIC INC (Continued) **1000298667**

Comments:	non-residential uses and requiring maintenance of the one-foot
Comments Date:	08191991
Comments:	clean soil cap. DTSC allowed development at the site in 1987
Comments Date:	08191991
Comments:	provided that the deed restriction was recorded, and the
Comments Date:	08191991
Comments:	one-foot layer of clean soil cap was installed and maintained.
Comments Date:	09251987
Comments:	Completed Site Screening. The site was a metal recycling
Comments Date:	09251987
Comments:	facility for 60 years. DHS certified closure in 1986. During
Comments Date:	09251987
Comments:	its sale, levels exceeding closure criteria were found (650-1020
Comments Date:	09251987
Comments:	ppm Lead). DHS allowed development of the site for industrial
Comments Date:	09251987
Comments:	uses if site will be covered with one foot cap of fill material
Comments Date:	09251987
Comments:	and if declaration of covenants, conditions and restrictions is
Comments Date:	09251987
Comments:	recorded.
Comments Date:	10061981
Comments:	Recommend No Further Action based on drive-by results.
Comments Date:	12181980
Comments:	Facility Drive-by: Pond on site.
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	TINMET CORPORATION/MRI
Alternate Name:	MRI TINMET
Alternate Name:	M R I
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

FINDS:
Registry ID: 110002649830

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000298667
Registry ID:	110002649830
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002649830
Name:	VIROLOGIC INC
Address:	270 E GRAND AVE STE A
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

VIROLOGIC INC (Continued) **1000298667**

San Mateo Co. BI:

Name:	VIROLOGIC INC
Address:	270 GRAND
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0024314
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0028974
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	VIROLOGIC INC
Address:	270 GRAND
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0024314
Prog Element Code:	LRG QTY GEN W/ON-SITE TREATMENT>200LB/MO
Record Id:	PR0028889
Description:	LQG ON-SITE TREATMENT>200LB/MO
Facility Status:	Inactive, non-billable
Program Category:	MEDICAL WASTE

Name:	VIROLOGIC INC
Address:	270 GRAND
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0024314
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0028973
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	VERSICOR
Address:	270 GRAND
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0015108
Prog Element Code:	GEN <1 TONS HAZ WASTE/YR
Record Id:	PR0028976
Description:	GEN <1 TONS HAZ WASTE/YR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	VERSICOR
Address:	270 GRAND
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Region:	SAN MATEO
Facility ID:	FA0015108
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0028975
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	MILLENNIUM PHARMACEUTICALS

VIROLOGIC INC (Continued) **1000298667**

Address: 270 GRAND
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026268
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0037911
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: MILLENNIUM PHARMACEUTICALS
Address: 270 GRAND
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026268
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0037912
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: RAVEN BIOTECHNOLOGIES, INC
Address: 270 GRAND
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026838
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0039801
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: RAVEN BIOTECHNOLOGIES, INC
Address: 270 GRAND
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0026838
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0039800
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: AGY THERAPEUTICS
Address: 270 GRAND
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028475
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0047345
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: AGY THERAPEUTICS
Address: 270 GRAND
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

VIROLOGIC INC (Continued) **1000298667**

Region: SAN MATEO
Facility ID: FA0028475
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0047346
Description: GEN <1 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PORTOLA PHARMACEUTICALS
Address: 270 GRAND
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028482
Prog Element Code: 2232
Record Id: PR0047362
Description: GEN 1-5 TONS HAZ WASTE/YR - RCRA
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE GENERATOR (RCRA-LQG)

Name: PORTOLA PHARMACEUTICALS
Address: 270 GRAND
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Region: SAN MATEO
Facility ID: FA0028482
Prog Element Code: STORES HAZ MAT <6999 GAL, 55999 LB, 2799FT^3
Record Id: PR0047361
Description: STORES HAZ MAT <6999 GAL, 55999 LB, 2799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

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597 **DENNIS X RAY CO** **HWP S103650853**
NE **301 ALLERTON AVE** **CERS N/A**
1/2-1 **SOUTH SAN FRANCISCO, CA 94080**
0.902 mi.
4760 ft.

Relative:
Higher

Actual:
22 ft.

HWP:
EPA ID: CAL000073292
Name: DENNIS X RAY CO
Address: 301 ALLERTON AVE
Cleanup Status: CLOSED
Latitude: 37.65232
Longitude: -122.3925
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: Not reported
Senate District: 13
Assembly District: 22
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: Not reported
Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: Standardized
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 81-85%

DENNIS X RAY CO (Continued) **S103650853**

Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Closure:
EPA ID: CAL000073292
Facility Type: Historical - Non-Operating
Facility Name: DENNIS X RAY CO
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Administrative
Final Date: Not reported
Type: STND
Title Description: Process no longer regulated due to SB2111 1999.
Due Date: Not reported
Comments: Process no longer regulated due to SB2111 1999.
Unit Names: Silver Recovery
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 01/01/1999

CERS:
Name: DENNIS X RAY CO
Address: 301 ALLERTON AVE
City,State,Zip: SOUTH SAN FRANCISCO, CA 940804816
Site ID: 258802
CERS ID: CAL000073292
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: GEORGE QUINDAY
Entity Title: Not reported
Affiliation Address: INACTIVE PER VQ00 - BMI
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 940804816
Affiliation Phone: 4158739292,

Affiliation Type Desc: Facility Owner
Entity Name: DENNIS GEORGOPOULOS
Entity Title: Not reported
Affiliation Address: 301 ALLERTON AVE
Affiliation City: SOUTH SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 940804816
Affiliation Phone: 4158739292,

598
NE
1/2-1
0.919 mi.
4854 ft.

SWIFT INDEPENDENT
429 CABOT ROAD
SOUTH SAN FRANCI, CA 92262

Database(s): **Notify 65**
EDR ID Number: **U000052961**
EPA ID Number: **N/A**

Relative:
Higher

Actual:
22 ft.

NOTIFY 65:

Name:	SWIFT INDEPENDENT
Address:	429 CABOT ROAD
City,State,Zip:	SOUTH SAN FRANCI, CA 92262
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

599
SSW
1/2-1
0.972 mi.
5130 ft.

EXXON CO U.S.A. 7-2059
800 EL CAMINO REAL
SAN BRUNO, CA 94066

Database(s): **LUST**
SWEEPS UST
San Mateo Co. BI
Cortese
HAZNET
Notify 65
CERS
HWTS
EDR ID Number: **S100178951**
EPA ID Number: **N/A**

Relative:
Higher

Actual:
45 ft.

SAN MATEO CO. LUST:

Name:	EXXON 7-0259 (FORMER) ECR SB COMINGLED
Address:	800 EL CAMINO REAL
City,State,Zip:	SAN BRUNO, CA
Region:	SAN MATEO
Facility ID:	880013
Facility Status:	9- Case Closed
Global ID:	T0608100537
APN Number:	020116330
Case Type:	SAN BRUNO, CA
EDR Link ID:	SAN BRUNO, CA

LUST:

Name:	EXXON 7-0259 (FORMER) ECR SB COMINGLED
Address:	800 EL CAMINO REAL
City,State,Zip:	SAN BRUNO, CA 94066
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100537
Global Id:	T0608100537
Latitude:	37.629162625
Longitude:	-122.416477006
Status:	Completed - Case Closed
Status Date:	07/02/2013
Case Worker:	JM
RB Case Number:	41-0563
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	880013
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil Vapor

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Potential Contaminants of Concern: Benzene, Other Chlorinated Hydrocarbons, Gasoline
Site History: Extracted from URS's June 26, 2009 Work Plan for Additional On-Site Source Area Assessment and Off-Site Monitoring Well Installation, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The intersection of El Camino Real and San Bruno Avenue has been the location of retail gasoline service stations for more than 50 years. The northeast corner of the intersection is presently occupied by a Valero gasoline service station. An ExxonMobil station previously occupied this address. Petroleum hydrocarbon impacted soil and groundwater were discovered beneath the site in 1988; " A groundwater extraction system was installed on the site and operated from 1991 to 1996. Approximately 67 pounds of petroleum hydrocarbons and 1,300,759 gallons of groundwater were removed from 1991 to 1996; " Four 10,000-gallon fuel USTs and one 550-gallon waste oil UST were installed in 1982 and removed in 1997; " Four 550-gallon fuel USTs were discovered and removed during the 1997 UST excavation activities. The USTs were of an unknown age, but are assumed to have been originally installed in about 1945; " Approximately 2,800 tons of soil was removed from beneath the site during the 1997 UST excavation activities; and " Quarterly groundwater monitoring has occurred at the site from 1993 until 2001. Semiannual groundwater monitoring has occurred at the site since the first quarter of 2002 to present. Source areas at the former ExxonMobil station site include the former central and southern UST basins and the former dispenser islands. At the former ExxonMobil site, remedial pilot studies included high vacuum dual phase extraction (HVDPE), soil vapor extraction (SVE), air sparging (AS) and biosparging.The HVDPE, SVE, AS and biosparging pilot test results at the former Exxon station indicated the movement of air through the subsurface (both sparging and vapor extracting) could potentially reduce residual contaminant mass in the hot spot areas at these two sites. However, pilot testing also suggests that the complex/variable nature and geometry of unconsolidated materials beneath the Site appears to create preferential pathways for air and contaminant movement, thereby limiting the effectiveness of physical contaminant mass recovery/removal. On June 30, 2004, ERI installed and collected soil vapor samples from sampling points SV-1, SV-2, SV-3, SV-4 and SV-6 at the former ExxonMobil site. During installation, pea gravel was observed at soil vapor point SV-5. Due to safety concerns with encountering underground piping/equipment, installation of soil vapor sampling point SV-5 was not completed. Tracer gas was detected in soil vapor samples SV-1, SV-2, SV-3, SV-4 and SV-6. Due to soil vapor sample collection from low permeability clayey soils and the use of 5-L Summa"! canisters, ERI concluded that a leak likely occurred at the well seal tubing interface. Based on the data collected, ERI determined that the soil vapor samples collected from SV-3 were valid (ATC, 2007a). On September 24, 2004, ERI collected soil vapor samples from sampling points SV-2 and SV-3 using a custom made sampling manifold connected to a flow regulator, pressure gauges and a 1-L Summa"! canister. Gauze strips soaked in isopropyl alcohol (tracer gas) were wrapped around the well head sampling valve while collecting soil vapor samples from soil vapor points SV-2 and SV-3. Because tracer gas was detected above acceptable limits, the results of soil vapor sampling conducted in September 2004 utilizing soil vapor points SV-2 and SV-3 were not representative of soil vapor conditions beneath the Site. ERI concluded that due to the low

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

permeability of the native soils, the soil vapor points short circuit at the well seal before sufficient vacuum is generated to extract soil vapor from the native material. On September 4, 2007, ATC conducted soil vapor assessment activities at the former ExxonMobil station. As previously mentioned, potential sources on the former ExxonMobil site include two former UST systems in use before 1997 and the current UST system that was installed in 1997. Based on the laboratory analytical results reported during this soil vapor assessment, all concentrations of detected VOCs in the soil vapor samples were below the Shallow Soil Gas Screening Levels for Evaluation of Potential Vapor Intrusion Concerns (volatile chemicals only), Table E-2 (RWCQB, 2008) and do not pose a human health risk. The geometry of fuel hydrocarbon impacts at the source areas (former dispenser islands, former southern UST basin, and former central UST basin) has been defined by the qualitative and quantitative work conducted to date. " The geologic setting at the site appears to create preferential pathways for air and contaminant movement. " The upper five feet of soil at the site consists of clayey soils which may act as a natural cap/barrier to volatilization and vertical contaminant migration. However, these conditions could accentuate the effect of preferential pathways, such as utility corridors.

LUST:
Global Id: T0608100537
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100537
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 04/13/2010
Action: Staff Letter - #20100413

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 08/04/2010
Action: Staff Letter - #20100804

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 10/11/2012
Action: Notification - Public Notice of Case Closure - #20121011

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Global Id: T0608100537
Action Type: Other
Date: 03/02/1989
Action: Leak Discovery

Global Id: T0608100537
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 04/30/2010
Action: Soil and Water Investigation Report

Global Id: T0608100537
Action Type: RESPONSE
Date: 10/04/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/29/2008
Action: Electronic Reporting Submittal Due

Global Id: T0608100537
Action Type: RESPONSE
Date: 06/11/2007
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100537
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Date: 08/26/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/12/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608100537
Action Type: RESPONSE
Date: 07/12/2004
Action: Other Report / Document

Global Id: T0608100537
Action Type: RESPONSE
Date: 08/30/2004
Action: Soil and Water Investigation Report

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/01/2006
Action: Soil and Water Investigation Workplan

Global Id: T0608100537
Action Type: RESPONSE
Date: 03/01/2006
Action: Soil and Water Investigation Report

Global Id: T0608100537
Action Type: RESPONSE
Date: 03/17/2005
Action: NPDES / WDR Reports

Global Id: T0608100537
Action Type: RESPONSE
Date: 03/17/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100537
Action Type: RESPONSE
Date: 03/01/2006
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100537
Action Type: RESPONSE
Date: 08/25/2006
Action: Soil and Water Investigation Report

Global Id: T0608100537
Action Type: RESPONSE
Date: 08/25/2006
Action: Soil and Water Investigation Report

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Global Id: T0608100537
Action Type: RESPONSE
Date: 08/25/2006
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100537
Action Type: RESPONSE
Date: 12/24/2007
Action: Soil and Water Investigation Workplan

Global Id: T0608100537
Action Type: RESPONSE
Date: 05/31/2008
Action: Soil and Water Investigation Report

Global Id: T0608100537
Action Type: RESPONSE
Date: 10/13/2011
Action: Correspondence

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 09/04/2007
Action: Staff Letter - #20070904B

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 01/31/2008
Action: Staff Letter - #20080131

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 11/09/2005
Action: Staff Letter - #20051109B

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 10/18/2001
Action: Staff Letter - #20011018

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 05/03/2004
Action: Staff Letter - #20040503B

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 03/31/2006
Action: Staff Letter - #20060331B

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 06/11/2007
Action: Notice of Violation - #20070611

Global Id: T0608100537
Action Type: ENFORCEMENT

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Date: 03/31/2006
Action: Staff Letter - #20060331C

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 03/31/2006
Action: Staff Letter - #20060331A

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 02/15/2005
Action: Staff Letter - #20050215

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 03/23/1989
Action: Notice of Responsibility - #1

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 09/04/2007
Action: Staff Letter - #20070904

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 05/03/2004
Action: Staff Letter - #20040503A

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 01/31/2008
Action: Staff Letter - #20080131

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 11/09/2005
Action: Staff Letter - #20051109

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 09/18/2003
Action: Staff Letter - #20030918

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 02/26/2009
Action: Staff Letter - #20090226

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 07/02/2013
Action: Closure/No Further Action Letter - #20130702

Global Id: T0608100537
Action Type: Other
Date: 03/02/1989
Action: Leak Reported

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Global Id: T0608100537
Action Type: RESPONSE
Date: 04/13/2011
Action: Correspondence

Global Id: T0608100537
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/18/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608100537
Action Type: RESPONSE
Date: 10/13/2012
Action: Request for Closure - Regulator Responded

Global Id: T0608100537
Action Type: RESPONSE
Date: 06/18/2013
Action: Well Destruction Report - Regulator Responded

Global Id: T0608100537
Action Type: REMEDIATION
Date: 05/05/1991
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100537
Action Type: REMEDIATION
Date: 01/01/1997
Action: Excavation

Global Id: T0608100537
Action Type: REMEDIATION
Date: 07/01/1991
Action: Excavation

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 06/26/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608100537
Action Type: RESPONSE
Date: 10/13/2012
Action: Correspondence

Global Id: T0608100537
Action Type: RESPONSE

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Date: 08/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 10/13/2010
Action: Correspondence

Global Id: T0608100537
Action Type: RESPONSE
Date: 10/13/2010
Action: Correspondence

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 11/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 12/18/2012
Action: Staff Letter - #20121218

Global Id: T0608100537
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100537
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: RESPONSE
Date: 08/30/2004
Action: Risk Assessment Report

Global Id: T0608100537
Action Type: RESPONSE
Date: 12/09/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100537
Action Type: RESPONSE
Date: 11/15/2011
Action: Monitoring Report - Semi-Annually

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Global Id: T0608100537
Action Type: RESPONSE
Date: 04/13/2012
Action: Correspondence

Global Id: T0608100537
Action Type: RESPONSE
Date: 05/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: Staff Letter - #20090730

Global Id: T0608100537
Action Type: ENFORCEMENT
Date: 07/22/2009
Action: Staff Letter - #20090722

LUST:
Global Id: T0608100537
Status: Open - Case Begin Date
Status Date: 12/01/1988

Global Id: T0608100537
Status: Open - Site Assessment
Status Date: 12/01/1988

Global Id: T0608100537
Status: Open - Assessment & Interim Remedial Action
Status Date: 10/01/2006

Global Id: T0608100537
Status: Open - Site Assessment
Status Date: 11/01/2006

Global Id: T0608100537
Status: Open - Verification Monitoring
Status Date: 03/08/2010

Global Id: T0608100537
Status: Open - Eligible for Closure
Status Date: 12/18/2012

Global Id: T0608100537
Status: Completed - Case Closed
Status Date: 07/02/2013

SWEEPS UST:
Name: EXXON CO U.S.A. 7-2059
Address: 800 EL CAMINO REAL
City: SAN BRUNO
Status: Active
Comp Number: 880022

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Number:	1
Board Of Equalization:	44-000285
Referral Date:	04-11-94
Action Date:	04-11-94
Created Date:	10-13-88
Owner Tank Id:	1
SWRCB Tank Id:	41-000-880022-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-11-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	5

Name:	EXXON CO U.S.A. 7-2059
Address:	800 EL CAMINO REAL
City:	SAN BRUNO
Status:	Active
Comp Number:	880022
Number:	1
Board Of Equalization:	44-000285
Referral Date:	04-11-94
Action Date:	04-11-94
Created Date:	10-13-88
Owner Tank Id:	2
SWRCB Tank Id:	41-000-880022-000002
Tank Status:	A
Capacity:	10000
Active Date:	04-11-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	EXXON CO U.S.A. 7-2059
Address:	800 EL CAMINO REAL
City:	SAN BRUNO
Status:	Active
Comp Number:	880022
Number:	1
Board Of Equalization:	44-000285
Referral Date:	04-11-94
Action Date:	04-11-94
Created Date:	10-13-88
Owner Tank Id:	3
SWRCB Tank Id:	41-000-880022-000003
Tank Status:	A
Capacity:	10000
Active Date:	04-11-94
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Name:	EXXON CO U.S.A. 7-2059
Address:	800 EL CAMINO REAL

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

City: SAN BRUNO
Status: Active
Comp Number: 880022
Number: 1
Board Of Equalization: 44-000285
Referral Date: 04-11-94
Action Date: 04-11-94
Created Date: 10-13-88
Owner Tank Id: 4
SWRCB Tank Id: 41-000-880022-000004
Tank Status: A
Capacity: 10000
Active Date: 04-11-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: EXXON CO U.S.A. 7-2059
Address: 800 EL CAMINO REAL
City: SAN BRUNO
Status: Active
Comp Number: 880022
Number: 1
Board Of Equalization: 44-000285
Referral Date: 04-11-94
Action Date: 04-11-94
Created Date: 10-13-88
Owner Tank Id: 5
SWRCB Tank Id: 41-000-880022-000005
Tank Status: A
Capacity: 550
Active Date: 04-11-94
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

San Mateo Co. BI:
Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018226
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023763
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018226
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0025175

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018226
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022947
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018226
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043489
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0018226
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0046343
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SAN BRUNO EXXON
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0007517
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0012228
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SAN BRUNO EXXON
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0007517
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0024165
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Program Category: BUSINESS PLAN PROGRAM

Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0009587
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043802
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0050534
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0070006
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0050534
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0070009
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0050534
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0070008
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
City,State,Zip: SAN BRUNO, CA 94066
Region: SAN MATEO
Facility ID: FA0050534
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0070007
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

CORTESE:

Name:	EXXON 7-0259 (FORMER) ECR SB COMINGLED
Address:	800 EL CAMINO REAL
City,State,Zip:	SAN BRUNO, CA 94066
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100537
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HAZNET:

Name:	EL CAMINO VALERO
Address:	800 EL CAMINO REAL
Address 2:	Not reported
City,State,Zip:	SAN BRUNO, CA 94066
Contact:	RAY SERRANO
Telephone:	6505897722
Mailing Name:	Not reported
Mailing Address:	1435 HUNTINGTON AVE STE 210
Year:	2017
Gepaid:	CAL000429166
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.834

Additional Info:

Year:	2017
Gen EPA ID:	CAL000429166
Shipment Date:	20170913
Creation Date:	5/30/2018 18:33:51
Receipt Date:	20171002
Manifest ID:	016768522JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NOTIFY 65:

Name:	SERVICE STATION
Address:	800 EL CAMINO REAL
City,State,Zip:	SAN BRUNO, CA 92260
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

CERS:

Name:	EXXON 7-0259 (FORMER) ECR SB COMINGLED
Address:	800 EL CAMINO REAL
City,State,Zip:	SAN BRUNO, CA 94066
Site ID:	227405
CERS ID:	T0608100537
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA

EXXON CO U.S.A. 7-2059 (Continued) **S100178951**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959,

HWTS:
Name: EL CAMINO VALERO
Address: 800 EL CAMINO REAL
Address 2: Not reported
City,State,Zip: SAN BRUNO, CA 94066
EPA ID: CAL000429166
Inactive Date: 06/30/2020
Create Date: 07/13/2017
Last Act Date: 01/04/2021
Mailing Name: Not reported
Mailing Address: 1435 HUNTINGTON AVE STE 210
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: DOUBLE AA CORPORATION
Owner Address: 1435 HUNTINGTON AVE STE 210
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Name: RAY SERRANO
Contact Address: 1435 HUNTINGTON AVE STE 210
Contact Address 2: Not reported
City,State,Zip: SOUTH SAN FRANCISCO, CA 94080

NAICS:
EPA ID: CAL000429166
Create Date: 2017-07-13 16:41:36.430
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 2017-07-13 16:41:36.41300
Inactive Date: 2020-06-30 00:00:00
Facility Name: EL CAMINO VALERO
Facility Address: 800 EL CAMINO REAL
Facility Address 2: Not reported
Facility City: SAN BRUNO
Facility County: Not reported
Facility State: CA
Facility Zip: 94066

Count: 9 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
S SAN FRANCISCO	S101482226	SOUTH SAN FRANCISCO RECYCLING CENT	BEHIND 551 RAILROAD	94080	ENVIROSTOR
SAN FRANCISCO	S128001934	SFIA SOUTH TERMINAL	SOUTH TERMINAL	94128	CERS HAZ WASTE
SFIA	S124437210	US COAST GUARD AIR STATION SAN FRA	SAN FRANCISCO INTERNATIONAL AI	94128	CERS HAZ WASTE, CERS TANKS, C
SOUTH SAN FRANCISCO	S127815576	BLUEPRINT STUDIOS TRENDS, INC.	344, 348, 352 SHAW RD	94080	CPS-SLIC
SOUTH SAN FRANCISCO	S123785072	UNION PACIFIC PROPERTY	DUBUQUE AVENUE	94080	ENVIROSTOR, VCP
SOUTH SAN FRANCISCO	S127518648	NATIONAL CAR RENTAL SYSTEM INC	PLOT 1 SAN FRANCISCO AIRPORT	94128	LUST, Cortese
SOUTH SAN FRANCISCO	S105033501	AUTOMOTION	1160 SAN MATEO	94080	LUST, San Mateo Co. BI
SOUTH SAN FRANCISCO	S125345836	SAN FRANCISCO INTERNATIONAL AIRPOR	SAN FRANCISCO INTERNATIONAL AI	94128	CPS-SLIC
SOUTH SAN FRANCISCO	S105026721	FAA	UNKNOWN SAN FRANCISCO AIRPORT	94080	LUST, HIST CORTESE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/01/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/08/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/28/2022
Number of Days to Update: 80

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 12/01/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 03/02/2022
Number of Days to Update: 85
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/09/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 12/10/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/18/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/04/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/27/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/02/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 95

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/22/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 78

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 77

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/29/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/17/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 84

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 03/03/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/18/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 80

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/05/2021
Date Made Active in Reports: 12/22/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/18/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 79

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/27/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 79

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 11/29/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/13/2021
Date Data Arrived at EDR: 12/14/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 12/03/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/24/2022
Number of Days to Update: 79

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55
Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196
Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 75
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 11/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83
Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/22/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 85

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 12/01/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 77

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 10/08/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/04/2022
Number of Days to Update: 83

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/24/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/04/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/29/2021
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/01/2021
Date Data Arrived at EDR: 12/02/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 85

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 76
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/01/2021
Date Data Arrived at EDR: 12/02/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 77
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/25/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 02/03/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 79

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 79
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 10/21/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 84
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/29/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/24/2022
Number of Days to Update: 79
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/23/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 78
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/11/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/14/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

101-131 TERMINAL COURT
101 TERMINAL COURT
SOUTH SAN FRANCISCO, CA 94080

TARGET PROPERTY COORDINATES

Latitude (North):	37.643866 - 37ˆ 38’ 37.92’’
Longitude (West):	122.408067 - 122ˆ 24’ 29.04’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	552222.0
UTM Y (Meters):	4166262.2
Elevation:	21 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12016481 SAN FRANCISCO SOUTH, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

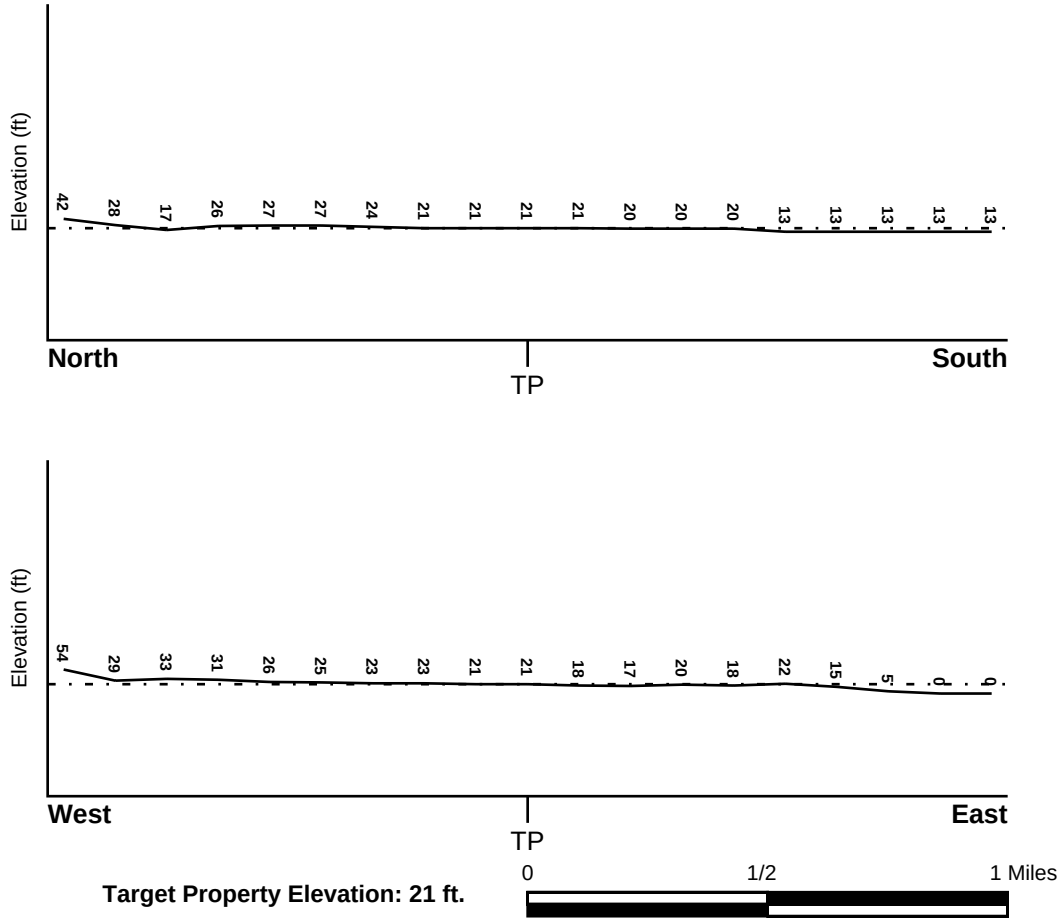
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06081C0043E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06081C0041E	FEMA FIRM Flood data
06081C0042E	FEMA FIRM Flood data
06081C0044E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN FRANCISCO SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
9	1/8 - 1/4 Mile WNW	Not Reported
B11	1/8 - 1/4 Mile WSW	NE
B14	1/8 - 1/4 Mile WSW	NNW
B21	1/8 - 1/4 Mile WSW	NE
C25	1/8 - 1/4 Mile ENE	Varies
B40	1/8 - 1/4 Mile SW	NE, E

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
41	1/8 - 1/4 Mile NNW	NE
F46	1/4 - 1/2 Mile NNE	E
F47	1/4 - 1/2 Mile NNE	Not Reported
48	1/4 - 1/2 Mile ESE	Not Reported
H57	1/4 - 1/2 Mile NNW	NE
I61	1/4 - 1/2 Mile SE	NE
68	1/4 - 1/2 Mile ENE	SE
J69	1/4 - 1/2 Mile NE	E
J72	1/4 - 1/2 Mile NE	N
I73	1/4 - 1/2 Mile SE	E
L81	1/4 - 1/2 Mile SW	Not Reported
L83	1/4 - 1/2 Mile SW	Not Reported
N94	1/4 - 1/2 Mile North	WNW
M96	1/4 - 1/2 Mile West	NE
I99	1/4 - 1/2 Mile ESE	E
I100	1/4 - 1/2 Mile ESE	E
N104	1/4 - 1/2 Mile North	Not Reported
O113	1/4 - 1/2 Mile SE	Not Reported
P114	1/4 - 1/2 Mile ESE	E
P115	1/4 - 1/2 Mile ESE	E
N118	1/4 - 1/2 Mile North	S
N119	1/4 - 1/2 Mile North	SE
121	1/4 - 1/2 Mile West	ENE
127	1/4 - 1/2 Mile SSW	Varies
144	1/4 - 1/2 Mile SW	ESE
O145	1/4 - 1/2 Mile SE	N
161	1/4 - 1/2 Mile WNW	ESE
162	1/4 - 1/2 Mile SE	E
R174	1/2 - 1 Mile NNW	E
R177	1/2 - 1 Mile NNW	SSE
T187	1/2 - 1 Mile NW	ENE
T188	1/2 - 1 Mile NW	ENE
U189	1/2 - 1 Mile East	NW
U190	1/2 - 1 Mile East	NW
V194	1/2 - 1 Mile NE	S
R196	1/2 - 1 Mile NNW	ESE
T197	1/2 - 1 Mile NW	NE
R198	1/2 - 1 Mile NNW	E
R199	1/2 - 1 Mile NNW	N, E, S,
R200	1/2 - 1 Mile NNW	SE
T202	1/2 - 1 Mile NW	NNE
T210	1/2 - 1 Mile NW	NNE
W234	1/2 - 1 Mile NNW	N
W242	1/2 - 1 Mile NNW	S
W243	1/2 - 1 Mile NNW	S
V255	1/2 - 1 Mile NE	WSW
W258	1/2 - 1 Mile NNW	NNE
W262	1/2 - 1 Mile NNW	Not Reported
AB280	1/2 - 1 Mile SE	Not Reported
AD284	1/2 - 1 Mile NNE	E
AE295	1/2 - 1 Mile WNW	S
AA308	1/2 - 1 Mile NE	Not Reported
AF316	1/2 - 1 Mile NW	NE
AG318	1/2 - 1 Mile North	Varies
AF325	1/2 - 1 Mile NW	NNE
332	1/2 - 1 Mile East	E

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
AD338	1/2 - 1 Mile NNE	NNE
AK354	1/2 - 1 Mile NNW	W
AK356	1/2 - 1 Mile NNW	E
AG363	1/2 - 1 Mile North	WSW
AG367	1/2 - 1 Mile North	NW
AM368	1/2 - 1 Mile ESE	Not Reported
AG371	1/2 - 1 Mile North	E
372	1/2 - 1 Mile SSW	Not Reported
AG373	1/2 - 1 Mile North	Varies
AP383	1/2 - 1 Mile NW	NW
390	1/2 - 1 Mile NE	SE
AN396	1/2 - 1 Mile WNW	N
AN399	1/2 - 1 Mile WNW	Not Reported
AL419	1/2 - 1 Mile West	NE
AP423	1/2 - 1 Mile NW	NE
AP428	1/2 - 1 Mile NW	NE
AP433	1/2 - 1 Mile NW	S
AS436	1/2 - 1 Mile NNE	Not Reported
AV448	1/2 - 1 Mile NNE	SSE
AT455	1/2 - 1 Mile SE	W
AV464	1/2 - 1 Mile NNE	NE
AV465	1/2 - 1 Mile NNE	NE
469	1/2 - 1 Mile North	Not Reported
483	1/2 - 1 Mile NW	NE
AW488	1/2 - 1 Mile North	SE
AZ494	1/2 - 1 Mile South	SSE
BA498	1/2 - 1 Mile South	ESE
BA500	1/2 - 1 Mile South	ESE
BE511	1/2 - 1 Mile NE	NNE
BB527	1/2 - 1 Mile WSW	W
BE536	1/2 - 1 Mile NE	S
BE537	1/2 - 1 Mile NE	S
BG562	1/2 - 1 Mile SSW	Not Reported
BE569	1/2 - 1 Mile NE	Not Reported
BE570	1/2 - 1 Mile NE	Not Reported
AZ586	1/2 - 1 Mile South	Not Reported
BA593	1/2 - 1 Mile South	SE
597	1/2 - 1 Mile ESE	S
BB610	1/2 - 1 Mile West	N
BB611	1/2 - 1 Mile West	N
BB616	1/2 - 1 Mile West	Not Reported
621	1/2 - 1 Mile NE	SE
BI626	1/2 - 1 Mile NE	W
BI627	1/2 - 1 Mile NE	W
662	1/2 - 1 Mile North	E
1G	1/2 - 1 Mile North	E
2G	1/2 - 1 Mile North	SE
3G	1/2 - 1 Mile North	Not Reported
4G	1/2 - 1 Mile NNE	Not Reported
5G	1/2 - 1 Mile NE	Not Reported
6G	1/2 - 1 Mile NE	Not Reported
7G	1/2 - 1 Mile NE	NNE
8G	1/2 - 1 Mile NE	S
9G	1/2 - 1 Mile NE	S
10G	1/2 - 1 Mile NNE	NE
11G	1/2 - 1 Mile NNE	NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
12G	1/2 - 1 Mile NNE	SSE
13G	1/2 - 1 Mile North	Varies
14G	1/2 - 1 Mile North	E
15G	1/2 - 1 Mile North	NW
16G	1/2 - 1 Mile North	WSW
17G	1/2 - 1 Mile NE	W
18G	1/2 - 1 Mile NE	W
19G	1/2 - 1 Mile NNW	E
20G	1/2 - 1 Mile NNW	W
21G	1/2 - 1 Mile North	Varies
22G	1/2 - 1 Mile NNE	NNE
23G	1/2 - 1 Mile NNE	E
24G	1/2 - 1 Mile NE	SE
25G	1/2 - 1 Mile NW	NE
26G	1/2 - 1 Mile NNW	Not Reported
27G	1/2 - 1 Mile NNW	NNE
28G	1/2 - 1 Mile NW	S
29G	1/2 - 1 Mile NNW	S
30G	1/2 - 1 Mile NNW	S
31G	1/2 - 1 Mile NE	SE
32G	1/2 - 1 Mile NNW	N
33G	1/2 - 1 Mile NW	NE
34G	1/2 - 1 Mile NNW	SE
35G	1/2 - 1 Mile NW	NE
36G	1/2 - 1 Mile NNW	N, E, S,
37G	1/2 - 1 Mile NW	NW
38G	1/2 - 1 Mile NNW	E
39G	1/2 - 1 Mile NNW	ESE
40G	1/2 - 1 Mile NNW	SSE
41G	1/2 - 1 Mile NNW	E
42G	1/2 - 1 Mile NE	Not Reported
43G	1/2 - 1 Mile NW	NNE
44G	1/2 - 1 Mile NW	NNE
45G	1/2 - 1 Mile NW	NNE
46G	1/4 - 1/2 Mile North	SE
47G	1/4 - 1/2 Mile North	S
48G	1/2 - 1 Mile NE	WSW
49G	1/2 - 1 Mile NW	NE
50G	1/2 - 1 Mile NW	NE
51G	1/2 - 1 Mile NW	ENE
52G	1/2 - 1 Mile NW	ENE
53G	1/4 - 1/2 Mile North	Not Reported
54G	1/2 - 1 Mile NE	S
55G	1/4 - 1/2 Mile North	WNW
56G	1/4 - 1/2 Mile NNW	NE
57G	1/4 - 1/2 Mile WNW	ESE
58G	1/2 - 1 Mile WNW	N
59G	1/2 - 1 Mile WNW	Not Reported
60G	1/4 - 1/2 Mile NNE	Not Reported
61G	1/4 - 1/2 Mile NNE	E
62G	1/2 - 1 Mile WNW	S
63G	1/8 - 1/4 Mile NNW	NE
64G	1/4 - 1/2 Mile NE	N
65G	1/4 - 1/2 Mile NE	E
66G	1/8 - 1/4 Mile ENE	Varies
67G	1/4 - 1/2 Mile ENE	SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
68G	1/2 - 1 Mile East	NW
69G	1/2 - 1 Mile East	NW
70G	1/8 - 1/4 Mile WNW	Not Reported
71G	1/2 - 1 Mile East	E
72G	1/4 - 1/2 Mile West	ENE
73G	1/2 - 1 Mile West	NE
74G	1/4 - 1/2 Mile West	NE
75G	1/8 - 1/4 Mile WSW	NNW
76G	1/8 - 1/4 Mile WSW	NE
77G	1/2 - 1 Mile West	Not Reported
78G	1/2 - 1 Mile West	N
79G	1/2 - 1 Mile West	N
80G	1/4 - 1/2 Mile ESE	Not Reported
81G	1/8 - 1/4 Mile WSW	NE
82G	1/8 - 1/4 Mile SW	NE, E
83G	1/2 - 1 Mile WSW	W
84G	1/4 - 1/2 Mile SE	NE
85G	1/4 - 1/2 Mile ESE	E
86G	1/4 - 1/2 Mile ESE	E
87G	1/4 - 1/2 Mile ESE	E
88G	1/4 - 1/2 Mile ESE	E
89G	1/4 - 1/2 Mile SE	E
90G	1/4 - 1/2 Mile SW	Not Reported
91G	1/4 - 1/2 Mile SW	Not Reported
92G	1/4 - 1/2 Mile SW	ESE
93G	1/4 - 1/2 Mile SE	N
94G	1/4 - 1/2 Mile SE	Not Reported
95G	1/4 - 1/2 Mile SE	E
96G	1/2 - 1 Mile ESE	Not Reported
97G	1/2 - 1 Mile SE	Not Reported
98G	1/4 - 1/2 Mile SSW	Varies
99G	1/2 - 1 Mile ESE	S
100G	1/2 - 1 Mile SE	W
101G	1/2 - 1 Mile SSW	Not Reported
102G	1/2 - 1 Mile SSW	Not Reported
103G	1/2 - 1 Mile South	SSE
104G	1/2 - 1 Mile South	ESE
105G	1/2 - 1 Mile South	ESE
106G	1/2 - 1 Mile South	SE
107G	1/2 - 1 Mile South	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

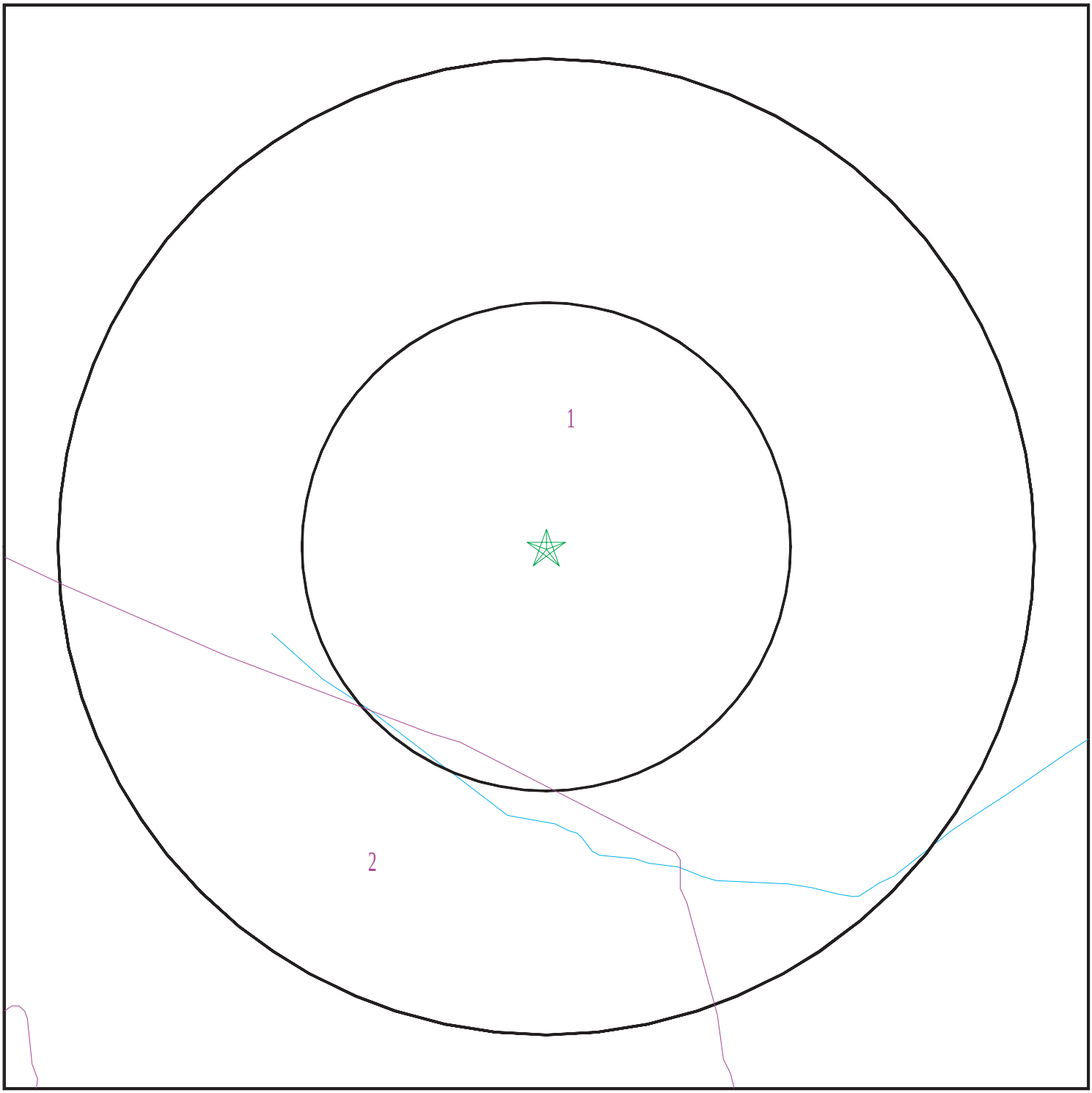
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6884057.2s



SITE NAME:	101-131 Terminal Court	CLIENT:	Haley & Aldrich, Inc.
ADDRESS:	101 Terminal Court South San Francisco CA 94080	CONTACT:	Marie Rose Javier
		INQUIRY #:	6884057.2s
LAT/LONG:	37.643866 / 122.408067	DATE:	March 04, 2022 10:00 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AO408	CA4110009	1/2 - 1 Mile North

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000064607	0 - 1/8 Mile NNE
A2	CAEDF0000096291	0 - 1/8 Mile NNE
A3	CAEDF0000039070	1/8 - 1/4 Mile NNE
A4	CAEDF0000040040	1/8 - 1/4 Mile NNE
A5	CAEDF0000002921	1/8 - 1/4 Mile North

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A6	CAEDF0000123139	1/8 - 1/4 Mile NNE
A7	CAEDF0000077722	1/8 - 1/4 Mile North
A8	CAEDF0000108557	1/8 - 1/4 Mile North
A10	CAEDF0000086470	1/8 - 1/4 Mile North
A12	CAEDF0000003609	1/8 - 1/4 Mile NNE
A13	CAEDF0000139495	1/8 - 1/4 Mile North
A15	CAEDF0000123610	1/8 - 1/4 Mile NNE
A16	CAEDF0000140201	1/8 - 1/4 Mile North
A17	CAEDF0000047732	1/8 - 1/4 Mile North
A18	CAEDF0000068287	1/8 - 1/4 Mile NNE
A19	CAEDF0000037176	1/8 - 1/4 Mile NNE
C20	CAEDF0000054943	1/8 - 1/4 Mile NE
D22	CAEDF0000039714	1/8 - 1/4 Mile NNE
C23	CAEDF0000037854	1/8 - 1/4 Mile NE
D24	CAEDF0000088718	1/8 - 1/4 Mile North
D26	CAEDF0000102509	1/8 - 1/4 Mile North
D27	CAEDF0000123377	1/8 - 1/4 Mile NNE
D28	CAEDF0000008226	1/8 - 1/4 Mile North
D29	CAEDF0000127558	1/8 - 1/4 Mile NNE
D30	CAEDF0000122981	1/8 - 1/4 Mile North
D31	CAEDF0000088660	1/8 - 1/4 Mile NNE
C32	CAEDF0000094568	1/8 - 1/4 Mile NE
D33	CAEDF0000114885	1/8 - 1/4 Mile NNE
D34	CAEDF0000085912	1/8 - 1/4 Mile North
D35	CAEDF0000116938	1/8 - 1/4 Mile NNE
D36	CAEDF0000109071	1/8 - 1/4 Mile North
D37	CAEDF0000116035	1/8 - 1/4 Mile North
D38	CAEDF0000130232	1/8 - 1/4 Mile North
D39	CAEDF0000033556	1/8 - 1/4 Mile NNE
B42	CAEDF0000087405	1/8 - 1/4 Mile WSW
D43	CAEDF0000111565	1/8 - 1/4 Mile NNE
E44	CAEDF0000081301	1/8 - 1/4 Mile WSW
D45	CAEDF0000035488	1/8 - 1/4 Mile NNE
G49	CAEDF0000085617	1/4 - 1/2 Mile North
G50	CAEDF0000084710	1/4 - 1/2 Mile North
G51	CAEDF0000020616	1/4 - 1/2 Mile North
E52	CAEDF0000067856	1/4 - 1/2 Mile West
G53	CAEDF0000045252	1/4 - 1/2 Mile North
F54	CAEDF0000044361	1/4 - 1/2 Mile NNE
H55	CAEDF0000109151	1/4 - 1/2 Mile NNW
G56	CAEDF0000097361	1/4 - 1/2 Mile North
G58	CAEDF0000111418	1/4 - 1/2 Mile North
H59	CAEDF0000088602	1/4 - 1/2 Mile NNW
F60	CAEDF0000041313	1/4 - 1/2 Mile NNE
G62	CAEDF0000016621	1/4 - 1/2 Mile North
H63	CAEDF0000058933	1/4 - 1/2 Mile NNW
F64	CAEDF0000049894	1/4 - 1/2 Mile NNE
H65	CAEDF0000092932	1/4 - 1/2 Mile NNW
H66	CAEDF0000092032	1/4 - 1/2 Mile NNW
H67	CAEDF0000098168	1/4 - 1/2 Mile NNW
H70	CAEDF0000101084	1/4 - 1/2 Mile NNW
H71	CAEDF0000004631	1/4 - 1/2 Mile NNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
K74	CAEDF0000068747	1/4 - 1/2 Mile NW
K75	CAEDF0000070259	1/4 - 1/2 Mile NW
K76	CAEDF0000112073	1/4 - 1/2 Mile NW
L77	CAEDF0000139001	1/4 - 1/2 Mile SW
K78	CAEDF0000067723	1/4 - 1/2 Mile NW
K79	CAEDF0000082977	1/4 - 1/2 Mile NW
K80	CAEDF0000108207	1/4 - 1/2 Mile NW
K82	CAEDF0000136068	1/4 - 1/2 Mile NW
L84	CAEDF0000098947	1/4 - 1/2 Mile SW
L85	CAEDF0000087813	1/4 - 1/2 Mile SW
K86	CAEDF0000082703	1/4 - 1/2 Mile NW
M87	CAEDF0000143113	1/4 - 1/2 Mile West
K88	CAEDF0000064489	1/4 - 1/2 Mile NW
M89	CAEDF0000043500	1/4 - 1/2 Mile West
L90	CAEDF0000135712	1/4 - 1/2 Mile SW
K91	CAEDF0000125360	1/4 - 1/2 Mile NW
L92	CAEDF0000060727	1/4 - 1/2 Mile SW
L93	CAEDF0000038247	1/4 - 1/2 Mile SW
L95	CAEDF0000108447	1/4 - 1/2 Mile SW
M97	CAEDF0000104913	1/4 - 1/2 Mile West
L98	CAEDF0000066130	1/4 - 1/2 Mile SW
L101	CAEDF0000076025	1/4 - 1/2 Mile SW
L102	CAEDF0000141694	1/4 - 1/2 Mile SW
L103	CAEDF0000047878	1/4 - 1/2 Mile SW
L105	CAEDF0000135370	1/4 - 1/2 Mile SW
L106	CAEDF0000007363	1/4 - 1/2 Mile SW
L107	CAEDF0000094512	1/4 - 1/2 Mile SW
L108	CAEDF0000055432	1/4 - 1/2 Mile SW
L109	CAEDF0000066312	1/4 - 1/2 Mile SW
L110	CAEDF0000017973	1/4 - 1/2 Mile SW
M111	CAEDF0000005431	1/4 - 1/2 Mile West
L112	CAEDF0000060141	1/4 - 1/2 Mile SW
Q116	CAEDF0000040976	1/4 - 1/2 Mile NNW
Q117	CAEDF0000135948	1/4 - 1/2 Mile NNW
Q120	CAEDF0000000704	1/4 - 1/2 Mile NNW
Q122	CAEDF0000125544	1/4 - 1/2 Mile NNW
Q123	CAEDF0000020540	1/4 - 1/2 Mile NNW
Q124	CAEDF0000032011	1/4 - 1/2 Mile NNW
Q125	CAEDF0000078324	1/4 - 1/2 Mile NNW
Q126	CAEDF0000070342	1/4 - 1/2 Mile NNW
Q128	CAEDF0000095980	1/4 - 1/2 Mile NNW
Q129	CAEDF0000015170	1/4 - 1/2 Mile NNW
Q130	CAEDF0000034237	1/4 - 1/2 Mile NNW
Q131	CAEDF0000094005	1/4 - 1/2 Mile NNW
Q132	CAEDF0000075245	1/4 - 1/2 Mile NNW
Q133	CAEDF0000142366	1/4 - 1/2 Mile NNW
Q134	CAEDF0000133779	1/4 - 1/2 Mile NNW
Q135	CAEDF0000086673	1/4 - 1/2 Mile NNW
Q136	CAEDF0000070798	1/4 - 1/2 Mile NNW
Q137	CAEDF0000121529	1/4 - 1/2 Mile NNW
Q138	CAEDF0000036167	1/4 - 1/2 Mile NNW
Q139	CAEDF0000113104	1/4 - 1/2 Mile NNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Q140	CAEDF0000140723	1/4 - 1/2 Mile NNW
Q141	CAEDF0000035546	1/4 - 1/2 Mile NNW
Q142	CAEDF0000015314	1/4 - 1/2 Mile NNW
Q143	CAEDF0000134327	1/4 - 1/2 Mile NNW
Q146	CAEDF0000084270	1/4 - 1/2 Mile NNW
Q147	CAEDF0000064453	1/4 - 1/2 Mile NNW
Q148	CAEDF0000050686	1/4 - 1/2 Mile NNW
Q149	CAEDF0000060192	1/4 - 1/2 Mile NNW
Q150	CAEDF0000083602	1/4 - 1/2 Mile NNW
Q151	CAEDF0000119435	1/4 - 1/2 Mile NNW
Q152	CAEDF0000097327	1/4 - 1/2 Mile NNW
Q153	CAEDF0000021206	1/4 - 1/2 Mile NNW
Q154	CAEDF0000050811	1/4 - 1/2 Mile NNW
Q155	CAEDF0000106498	1/4 - 1/2 Mile NNW
Q156	CAEDF0000112567	1/4 - 1/2 Mile NNW
Q157	CAEDF0000129384	1/4 - 1/2 Mile NNW
R158	CAEDF0000141634	1/4 - 1/2 Mile NNW
Q159	CAEDF0000068703	1/4 - 1/2 Mile NNW
Q160	CAEDF0000143766	1/4 - 1/2 Mile NNW
R163	CAEDF0000075182	1/4 - 1/2 Mile NNW
R164	CAEDF0000097634	1/4 - 1/2 Mile NNW
R165	CAEDF0000133801	1/4 - 1/2 Mile NNW
S166	CAEDF0000068579	1/4 - 1/2 Mile West
R167	CAEDF0000021100	1/4 - 1/2 Mile NNW
R168	CAEDF0000037102	1/4 - 1/2 Mile NNW
R169	CAEDF0000127793	1/4 - 1/2 Mile NNW
R170	CAEDF0000133861	1/4 - 1/2 Mile NNW
S171	CAEDF0000074950	1/4 - 1/2 Mile West
R172	CAEDF0000116887	1/4 - 1/2 Mile NNW
S173	CAEDF0000055192	1/4 - 1/2 Mile West
S175	CAEDF0000048458	1/2 - 1 Mile West
S176	CAEDF0000073247	1/2 - 1 Mile West
S178	CAEDF0000113889	1/2 - 1 Mile West
R179	CAEDF0000080067	1/2 - 1 Mile NNW
S180	CAEDF0000121419	1/2 - 1 Mile West
S181	CAEDF0000068641	1/2 - 1 Mile West
S182	CAEDF0000016134	1/2 - 1 Mile West
S183	CAEDF0000011952	1/2 - 1 Mile West
S184	CAEDF0000134339	1/2 - 1 Mile West
S185	CAEDF0000043272	1/2 - 1 Mile West
S186	CAEDF0000020070	1/2 - 1 Mile West
S191	CAEDF0000012333	1/2 - 1 Mile West
S192	CAEDF0000116472	1/2 - 1 Mile West
S193	CAEDF0000072695	1/2 - 1 Mile West
S195	CAEDF0000104622	1/2 - 1 Mile West
W201	CAEDF0000061257	1/2 - 1 Mile NNW
X203	CAEDF0000107922	1/2 - 1 Mile ESE
S204	CAEDF0000126062	1/2 - 1 Mile West
S205	CAEDF0000072759	1/2 - 1 Mile West
S206	CAEDF0000017186	1/2 - 1 Mile West
S207	CAEDF0000068516	1/2 - 1 Mile West
X208	CAEDF0000036905	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
W209	CAEDF0000048563	1/2 - 1 Mile NNW
T211	CAEDF0000137798	1/2 - 1 Mile NW
W212	CAEDF0000074098	1/2 - 1 Mile NNW
W213	CAEDF0000140088	1/2 - 1 Mile NNW
S214	CAEDF0000138938	1/2 - 1 Mile West
S215	CAEDF0000114337	1/2 - 1 Mile West
S216	CAEDF0000139494	1/2 - 1 Mile West
S217	CAEDF0000126083	1/2 - 1 Mile West
W218	CAEDF0000086388	1/2 - 1 Mile NNW
T219	CAEDF0000034706	1/2 - 1 Mile NW
S220	CAEDF0000095613	1/2 - 1 Mile West
S221	CAEDF0000021358	1/2 - 1 Mile West
W222	CAEDF0000044505	1/2 - 1 Mile NNW
W223	CAEDF0000133386	1/2 - 1 Mile NNW
W224	CAEDF0000102418	1/2 - 1 Mile NNW
T225	CAEDF0000017758	1/2 - 1 Mile NW
S226	CAEDF0000009377	1/2 - 1 Mile West
S227	CAEDF0000005530	1/2 - 1 Mile West
S228	CAEDF0000069940	1/2 - 1 Mile West
S229	CAEDF0000004330	1/2 - 1 Mile West
S230	CAEDF0000117273	1/2 - 1 Mile West
S231	CAEDF0000126730	1/2 - 1 Mile West
W232	CAEDF0000091053	1/2 - 1 Mile NNW
X233	CAEDF0000091312	1/2 - 1 Mile ESE
S235	CAEDF0000124521	1/2 - 1 Mile West
S236	CAEDF0000137615	1/2 - 1 Mile West
T237	CAEDF0000066484	1/2 - 1 Mile NW
X238	CAEDF0000069806	1/2 - 1 Mile ESE
Y239	CAEDF0000041834	1/2 - 1 Mile West
X240	CAEDF0000089806	1/2 - 1 Mile ESE
Y241	CAEDF0000131596	1/2 - 1 Mile West
X244	CAEDF0000103688	1/2 - 1 Mile ESE
Y245	CAEDF0000059268	1/2 - 1 Mile West
X246	CAEDF0000133252	1/2 - 1 Mile ESE
Y247	CAEDF0000135540	1/2 - 1 Mile West
Y248	CAEDF0000098744	1/2 - 1 Mile West
Y249	CAEDF0000116234	1/2 - 1 Mile West
Z250	CAEDF0000071936	1/2 - 1 Mile SW
X251	CAEDF0000128454	1/2 - 1 Mile ESE
X252	CAEDF0000143130	1/2 - 1 Mile ESE
Y253	CAEDF0000031747	1/2 - 1 Mile West
Y254	CAEDF0000143690	1/2 - 1 Mile West
X256	CAEDF0000124945	1/2 - 1 Mile ESE
V257	CAEDF0000068115	1/2 - 1 Mile NE
Y259	CAEDF0000010592	1/2 - 1 Mile West
AA260	CAEDF0000118915	1/2 - 1 Mile NE
V261	CAEDF0000120096	1/2 - 1 Mile NE
AB263	CAEDF0000072274	1/2 - 1 Mile ESE
V264	CAEDF0000091737	1/2 - 1 Mile NE
X265	CAEDF0000116941	1/2 - 1 Mile ESE
AC266	CAEDF0000002180	1/2 - 1 Mile NE
X267	CAEDF0000066320	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
X268	CAEDF0000091693	1/2 - 1 Mile ESE
Y269	CAEDF0000126025	1/2 - 1 Mile West
AA270	CAEDF0000132570	1/2 - 1 Mile NE
AA271	CAEDF0000130612	1/2 - 1 Mile NE
AA272	CAEDF0000071462	1/2 - 1 Mile NE
X273	CAEDF0000065856	1/2 - 1 Mile ESE
AC274	CAEDF0000031536	1/2 - 1 Mile NE
X275	CAEDF0000033382	1/2 - 1 Mile ESE
AA276	CAEDF0000014469	1/2 - 1 Mile NE
AA277	CAEDF0000037442	1/2 - 1 Mile NE
X278	CAEDF0000106816	1/2 - 1 Mile ESE
X279	CAEDF0000094946	1/2 - 1 Mile ESE
AC281	CAEDF0000074333	1/2 - 1 Mile NE
X282	CAEDF0000037439	1/2 - 1 Mile ESE
AB283	CAEDF0000076893	1/2 - 1 Mile ESE
AA285	CAEDF0000068502	1/2 - 1 Mile NE
AB286	CAEDF0000003890	1/2 - 1 Mile ESE
AB287	CAEDF0000041638	1/2 - 1 Mile ESE
AA288	CAEDF0000049483	1/2 - 1 Mile NE
AD289	CAEDF0000111359	1/2 - 1 Mile NNE
AB290	CAEDF0000016165	1/2 - 1 Mile ESE
X291	CAEDF0000098405	1/2 - 1 Mile ESE
AA292	CAEDF0000127379	1/2 - 1 Mile NE
Y293	CAEDF0000041673	1/2 - 1 Mile West
Y294	CAEDF0000016223	1/2 - 1 Mile West
AD296	CAEDF0000143745	1/2 - 1 Mile NNE
AD297	CAEDF0000141482	1/2 - 1 Mile NNE
AB298	CAEDF0000064722	1/2 - 1 Mile ESE
Z299	CAEDF0000044899	1/2 - 1 Mile SW
Z300	CAEDF0000094382	1/2 - 1 Mile SW
Z301	CAEDF0000081374	1/2 - 1 Mile SW
AE302	CAEDF0000116394	1/2 - 1 Mile WNW
AE303	CAEDF0000066828	1/2 - 1 Mile WNW
AA304	CAEDF0000038878	1/2 - 1 Mile NE
AE305	CAEDF0000011960	1/2 - 1 Mile WNW
AB306	CAEDF0000141698	1/2 - 1 Mile ESE
AA307	CAEDF0000001711	1/2 - 1 Mile NE
AD309	CAEDF0000012394	1/2 - 1 Mile NNE
AA310	CAEDF0000070166	1/2 - 1 Mile NE
AE311	CAEDF0000099022	1/2 - 1 Mile WNW
AB312	CAEDF0000134448	1/2 - 1 Mile ESE
AB313	CAEDF0000060927	1/2 - 1 Mile ESE
AA314	CAEDF0000121298	1/2 - 1 Mile NE
AE315	CAEDF0000024395	1/2 - 1 Mile WNW
AE317	CAEDF0000116575	1/2 - 1 Mile WNW
AE319	CAEDF0000046698	1/2 - 1 Mile WNW
AE320	CAEDF0000079417	1/2 - 1 Mile WNW
Z321	CAEDF0000113979	1/2 - 1 Mile SW
Z322	CAEDF0000135722	1/2 - 1 Mile SW
AH323	CAEDF0000105252	1/2 - 1 Mile WSW
AE324	CAEDF0000084211	1/2 - 1 Mile WNW
AA326	CAEDF0000000707	1/2 - 1 Mile NE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AH327	CAEDF0000048119	1/2 - 1 Mile WSW
AD328	CAEDF0000080997	1/2 - 1 Mile NNE
AD329	CAEDF0000009087	1/2 - 1 Mile NNE
AH330	CAEDF0000085657	1/2 - 1 Mile SW
AD331	CAEDF0000091928	1/2 - 1 Mile NNE
AD333	CAEDF0000098953	1/2 - 1 Mile NNE
AD334	CAEDF0000098378	1/2 - 1 Mile NNE
Z335	CAEDF0000085069	1/2 - 1 Mile SW
Z336	CAEDF0000069800	1/2 - 1 Mile SW
AD337	CAEDF0000131110	1/2 - 1 Mile NNE
AH339	CAEDF0000061091	1/2 - 1 Mile SW
Z340	CAEDF0000002449	1/2 - 1 Mile SW
Z341	CAEDF0000006105	1/2 - 1 Mile SW
Z342	CAEDF0000082871	1/2 - 1 Mile SW
Z343	CAEDF0000073170	1/2 - 1 Mile SW
AD344	CAEDF0000108284	1/2 - 1 Mile NNE
Z345	CAEDF0000143700	1/2 - 1 Mile SW
Z346	CAEDF0000068484	1/2 - 1 Mile SW
AI347	CAPFAS000000513	1/2 - 1 Mile SE
AI348	CAEDF0000038816	1/2 - 1 Mile SE
AJ349	CAEDF0000071054	1/2 - 1 Mile SW
AD350	CAEDF0000051114	1/2 - 1 Mile NNE
AJ351	CAEDF0000098544	1/2 - 1 Mile SW
AD352	CAEDF0000055846	1/2 - 1 Mile NNE
AD353	CAEDF0000100755	1/2 - 1 Mile NNE
AD355	CAEDF0000097623	1/2 - 1 Mile NNE
AH357	CAEDF0000101639	1/2 - 1 Mile SW
AL358	CAEDF0000049078	1/2 - 1 Mile West
AL359	CAEDF0000020559	1/2 - 1 Mile West
AH360	CAEDF0000080797	1/2 - 1 Mile WSW
AH361	CAEDF0000128764	1/2 - 1 Mile SW
AL362	CAEDF0000042836	1/2 - 1 Mile West
AL364	CAEDF0000132123	1/2 - 1 Mile West
AL365	CAEDF0000123532	1/2 - 1 Mile West
AH366	CAEDF0000034559	1/2 - 1 Mile SW
AL369	CAEDF0000124944	1/2 - 1 Mile West
AL370	CAEDF0000086638	1/2 - 1 Mile West
AK374	CAEDF0000133897	1/2 - 1 Mile North
AN375	CAEDF0000097438	1/2 - 1 Mile WNW
AO376	CAEDF0000116489	1/2 - 1 Mile North
AO377	CAEDF0000092167	1/2 - 1 Mile North
AL378	CAEDF0000018547	1/2 - 1 Mile West
AK379	CAEDF0000094828	1/2 - 1 Mile NNW
AK380	CAEDF0000023546	1/2 - 1 Mile NNW
AP381	CAEDF0000062353	1/2 - 1 Mile NW
AN382	CAEDF0000016274	1/2 - 1 Mile WNW
AP384	CAEDF0000121641	1/2 - 1 Mile NW
AK385	CAEDF0000036109	1/2 - 1 Mile North
AN386	CAEDF0000019558	1/2 - 1 Mile WNW
AO387	CAEDF0000114931	1/2 - 1 Mile North
AO388	CAEDF0000039128	1/2 - 1 Mile North
AK389	CAEDF0000016023	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AP391	CAEDF0000072941	1/2 - 1 Mile NW
AM392	CAEDF0000009085	1/2 - 1 Mile ESE
AM393	CAEDF0000117041	1/2 - 1 Mile ESE
AN394	CAEDF0000131648	1/2 - 1 Mile WNW
AP395	CAEDF0000116285	1/2 - 1 Mile NW
AK397	CAEDF0000135693	1/2 - 1 Mile North
AN398	CAEDF0000069115	1/2 - 1 Mile WNW
AO400	CAEDF0000143917	1/2 - 1 Mile North
AO401	CAEDF0000001302	1/2 - 1 Mile North
AN402	CAEDF0000078707	1/2 - 1 Mile WNW
AO403	CAEDF0000122828	1/2 - 1 Mile North
AQ404	CAEDF0000062429	1/2 - 1 Mile ESE
AN405	CAEDF0000106258	1/2 - 1 Mile WNW
AQ406	CAEDF0000138229	1/2 - 1 Mile ESE
AQ407	CAEDF0000048878	1/2 - 1 Mile ESE
AO409	CAEDF0000074979	1/2 - 1 Mile North
AO410	CAEDF0000069887	1/2 - 1 Mile North
AN411	CAEDF0000103674	1/2 - 1 Mile WNW
AN412	CAEDF0000115237	1/2 - 1 Mile WNW
AO413	CAEDF0000141823	1/2 - 1 Mile North
AO414	CAEDF0000089851	1/2 - 1 Mile North
AO415	CAEDF0000088004	1/2 - 1 Mile North
AO416	CAEDF0000074720	1/2 - 1 Mile North
AO417	CAEDF0000072737	1/2 - 1 Mile North
AO418	CAEDF0000038233	1/2 - 1 Mile North
AQ420	CAEDF0000123912	1/2 - 1 Mile ESE
AQ421	CAEDF0000084068	1/2 - 1 Mile ESE
AN422	CAEDF0000127992	1/2 - 1 Mile WNW
AO424	CAEDF0000101634	1/2 - 1 Mile North
AO425	CAEDF0000090175	1/2 - 1 Mile North
AO426	CAEDF0000090602	1/2 - 1 Mile North
AN427	CAEDF0000056022	1/2 - 1 Mile WNW
AR429	CAEDF0000006327	1/2 - 1 Mile North
AQ430	CAEDF0000089729	1/2 - 1 Mile ESE
431	CAEDF0000020138	1/2 - 1 Mile SE
AO432	CAEDF0000093532	1/2 - 1 Mile North
AR434	CAEDF0000038729	1/2 - 1 Mile North
AR435	CAEDF0000062301	1/2 - 1 Mile North
AR437	CAEDF0000110470	1/2 - 1 Mile North
AS438	CAEDF0000082214	1/2 - 1 Mile NNE
AR439	CAEDF0000052532	1/2 - 1 Mile North
AT440	CAEDF0000075880	1/2 - 1 Mile SE
AU441	CAEDF0000007641	1/2 - 1 Mile SW
AV442	CAEDF0000062373	1/2 - 1 Mile NNE
AR443	CAEDF0000141348	1/2 - 1 Mile North
AR444	CAEDF0000076726	1/2 - 1 Mile North
AV445	CAEDF0000106172	1/2 - 1 Mile NNE
AV446	CAEDF0000122964	1/2 - 1 Mile NNE
AW447	CAEDF0000103660	1/2 - 1 Mile North
AV449	CAEDF0000097376	1/2 - 1 Mile NNE
AU450	CAEDF0000140290	1/2 - 1 Mile SW
AU451	CAEDF0000123813	1/2 - 1 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AX452	CAEDF0000021564	1/2 - 1 Mile SW
AT453	CAEDF0000114947	1/2 - 1 Mile ESE
454	CAEDF0000108404	1/2 - 1 Mile North
AV456	CAEDF0000023172	1/2 - 1 Mile NNE
AW457	CAEDF0000104791	1/2 - 1 Mile North
AT458	CAEDF0000043222	1/2 - 1 Mile ESE
AW459	CAEDF0000102888	1/2 - 1 Mile North
AW460	CAEDF0000091993	1/2 - 1 Mile North
AW461	CAEDF0000010247	1/2 - 1 Mile North
AU462	CAEDF0000137571	1/2 - 1 Mile SW
AW463	CAEDF0000061327	1/2 - 1 Mile North
AU466	CAEDF0000094880	1/2 - 1 Mile SW
AT467	CAEDF0000057689	1/2 - 1 Mile ESE
AW468	CAEDF0000002203	1/2 - 1 Mile North
AW470	CAEDF0000086497	1/2 - 1 Mile North
AY471	CAEDF0000137503	1/2 - 1 Mile SE
AW472	CAEDF0000112864	1/2 - 1 Mile North
AW473	CAEDF0000099113	1/2 - 1 Mile North
AW474	CAEDF0000010292	1/2 - 1 Mile North
AW475	CAEDF0000113678	1/2 - 1 Mile North
AW476	CAEDF0000119419	1/2 - 1 Mile North
AW477	CAEDF0000093285	1/2 - 1 Mile North
AW478	CAEDF0000038121	1/2 - 1 Mile North
AW479	CAEDF0000038926	1/2 - 1 Mile North
AV480	CAEDF0000114463	1/2 - 1 Mile NNE
AT481	CAEDF0000108679	1/2 - 1 Mile ESE
AX482	CAEDF0000041090	1/2 - 1 Mile SW
AW484	CAEDF0000013133	1/2 - 1 Mile North
AU485	CAEDF0000069677	1/2 - 1 Mile SW
AW486	CAEDF0000059605	1/2 - 1 Mile North
AT487	CAEDF0000133998	1/2 - 1 Mile ESE
AT489	CAEDF0000072071	1/2 - 1 Mile ESE
AT490	CAEDF0000064172	1/2 - 1 Mile ESE
AT491	CAEDF0000126453	1/2 - 1 Mile ESE
AT492	CAEDF0000126425	1/2 - 1 Mile ESE
AT493	CAEDF0000086365	1/2 - 1 Mile ESE
AZ495	CAEDF0000042835	1/2 - 1 Mile South
AZ496	CAEDF0000114346	1/2 - 1 Mile South
AZ497	CAEDF0000122394	1/2 - 1 Mile South
AW499	CAEDF0000142569	1/2 - 1 Mile North
AZ501	CAEDF0000098962	1/2 - 1 Mile South
AZ502	CAEDF0000046066	1/2 - 1 Mile South
AZ503	CAEDF0000016142	1/2 - 1 Mile South
AZ504	CAEDF0000035491	1/2 - 1 Mile South
AX505	CAEDF0000038664	1/2 - 1 Mile SW
AZ506	CAEDF0000068584	1/2 - 1 Mile South
BB507	CAEDF0000065326	1/2 - 1 Mile West
AZ508	CAEDF0000066986	1/2 - 1 Mile South
BC509	CADDW0000021638	1/2 - 1 Mile SSW
BD510	CAEDF0000143657	1/2 - 1 Mile ESE
AT512	CAEDF0000087321	1/2 - 1 Mile SE
AT513	CAEDF0000066880	1/2 - 1 Mile SE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AT514	CAEDF0000101862	1/2 - 1 Mile SE
AT515	CAEDF0000116507	1/2 - 1 Mile SE
AT516	CAEDF0000102117	1/2 - 1 Mile SE
BB517	CAEDF0000101156	1/2 - 1 Mile West
AZ518	CAEDF0000086564	1/2 - 1 Mile South
AZ519	CAEDF0000049993	1/2 - 1 Mile South
BB520	CAEDF0000100138	1/2 - 1 Mile West
AZ521	CAEDF0000062822	1/2 - 1 Mile South
AZ522	CAEDF0000009538	1/2 - 1 Mile South
AZ523	CAEDF0000003759	1/2 - 1 Mile South
AZ524	CAEDF0000139612	1/2 - 1 Mile South
AZ525	CAEDF0000034601	1/2 - 1 Mile South
AZ526	CAEDF0000059469	1/2 - 1 Mile South
AX528	CAEDF0000130165	1/2 - 1 Mile SW
AX529	CAEDF0000083016	1/2 - 1 Mile SW
AZ530	CAEDF0000070797	1/2 - 1 Mile South
AZ531	CAEDF0000088325	1/2 - 1 Mile South
AZ532	CAEDF0000113846	1/2 - 1 Mile South
BB533	CAEDF0000123205	1/2 - 1 Mile West
AZ534	CAEDF0000134312	1/2 - 1 Mile South
BF535	CAEDF0000032057	1/2 - 1 Mile SE
AX538	CAEDF0000077491	1/2 - 1 Mile SW
AZ539	CAEDF0000055548	1/2 - 1 Mile South
AZ540	CAEDF0000041295	1/2 - 1 Mile South
BF541	CAEDF0000119730	1/2 - 1 Mile SE
BF542	CAEDF0000056841	1/2 - 1 Mile SE
BB543	CAEDF0000111383	1/2 - 1 Mile West
BB544	CAEDF0000071558	1/2 - 1 Mile West
AZ545	CAEDF0000065148	1/2 - 1 Mile South
BD546	CAEDF0000032156	1/2 - 1 Mile ESE
BB547	CAEDF0000047647	1/2 - 1 Mile West
BB548	CAEDF0000003043	1/2 - 1 Mile West
BB549	CAEDF0000096045	1/2 - 1 Mile West
BB550	CAEDF0000049205	1/2 - 1 Mile West
AX551	CAEDF0000046317	1/2 - 1 Mile WSW
BF552	CAEDF0000066241	1/2 - 1 Mile SE
BF553	CAEDF0000022723	1/2 - 1 Mile SE
BB554	CAEDF0000101655	1/2 - 1 Mile West
AX555	CAEDF0000098821	1/2 - 1 Mile SW
AZ556	CAEDF0000062194	1/2 - 1 Mile South
AX557	CAEDF0000009010	1/2 - 1 Mile SW
BB558	CAEDF0000143801	1/2 - 1 Mile West
AX559	CAEDF0000125039	1/2 - 1 Mile SW
BA560	CAEDF0000063828	1/2 - 1 Mile South
BA561	CAEDF0000051841	1/2 - 1 Mile South
AY563	CAEDF0000116537	1/2 - 1 Mile SE
BA564	CAEDF0000070026	1/2 - 1 Mile South
AX565	CAEDF0000000827	1/2 - 1 Mile SW
BF566	CAEDF0000100997	1/2 - 1 Mile SE
BF567	CAEDF0000080248	1/2 - 1 Mile SE
BB568	CAEDF0000015125	1/2 - 1 Mile West
BF571	CAEDF0000143974	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

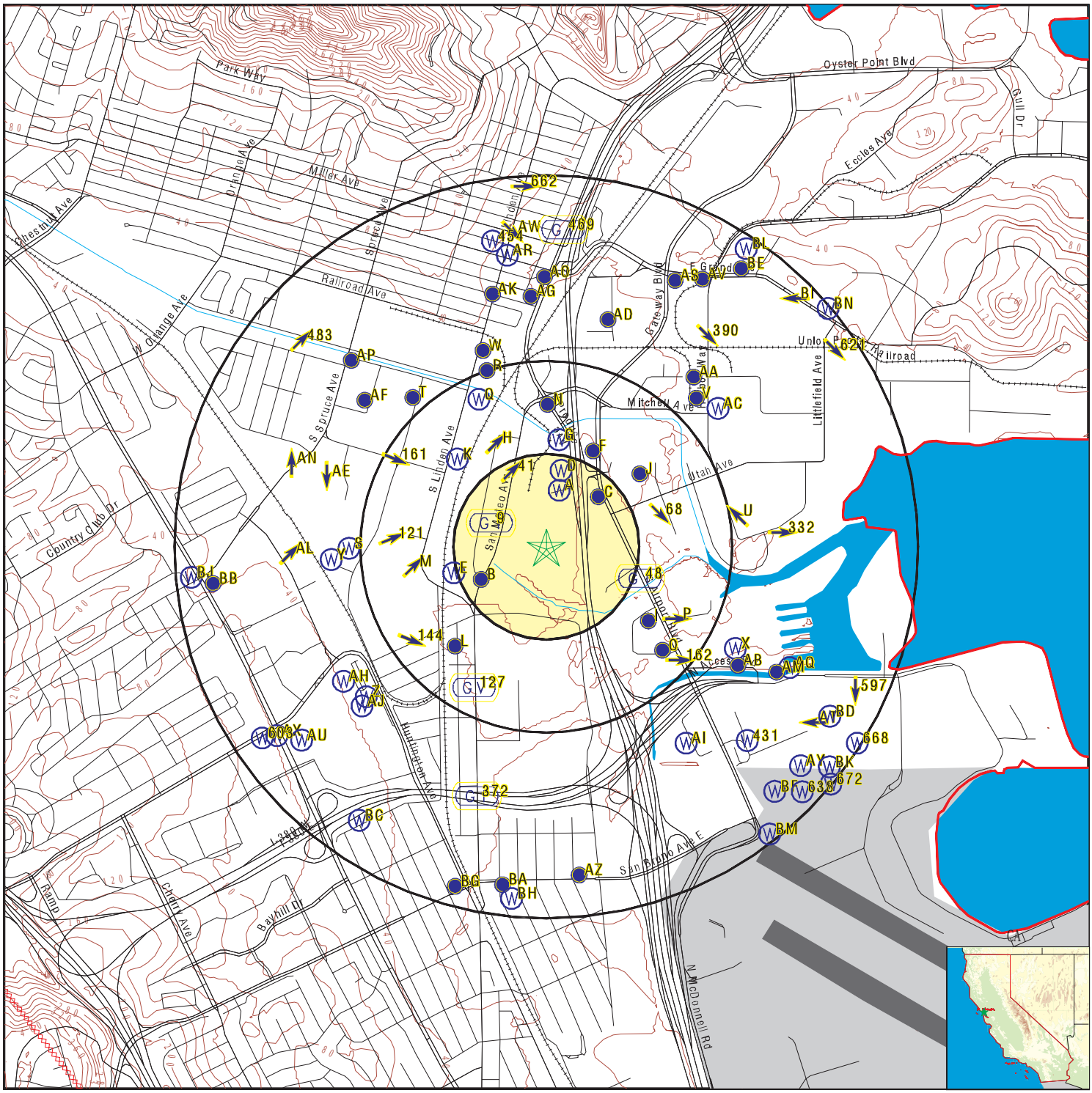
MAP ID	WELL ID	LOCATION FROM TP
BF572	CAEDF0000089206	1/2 - 1 Mile SE
BC573	3554	1/2 - 1 Mile SW
BF574	CAEDF0000121211	1/2 - 1 Mile SE
BB575	CAEDF0000137139	1/2 - 1 Mile West
AZ576	CAEDF0000073759	1/2 - 1 Mile South
AZ577	CAEDF0000122744	1/2 - 1 Mile South
AY578	CAEDF0000084840	1/2 - 1 Mile SE
BB579	CAEDF0000110329	1/2 - 1 Mile West
BB580	CAEDF0000143807	1/2 - 1 Mile West
AZ581	CAEDF0000119938	1/2 - 1 Mile South
BA582	CAEDF0000031442	1/2 - 1 Mile South
BF583	CAEDF0000063826	1/2 - 1 Mile SE
BB584	CAEDF0000056517	1/2 - 1 Mile West
BB585	CAEDF0000068370	1/2 - 1 Mile West
AZ587	CAEDF0000130368	1/2 - 1 Mile South
BB588	CAEDF0000066240	1/2 - 1 Mile West
BF589	CAEDF0000038974	1/2 - 1 Mile SE
BA590	CAEDF0000037633	1/2 - 1 Mile South
BA591	CAEDF0000051528	1/2 - 1 Mile South
BA592	CAEDF0000070859	1/2 - 1 Mile South
BA594	CAEDF0000068098	1/2 - 1 Mile South
BA595	CAEDF0000050176	1/2 - 1 Mile South
BB596	CAEDF0000052160	1/2 - 1 Mile West
AY598	CAEDF0000045919	1/2 - 1 Mile SE
AY599	CAEDF0000114511	1/2 - 1 Mile SE
AY600	CAEDF0000138659	1/2 - 1 Mile SE
BA601	CAEDF0000088599	1/2 - 1 Mile South
BE602	CAEDF0000114697	1/2 - 1 Mile NNE
603	CAEDF0000106631	1/2 - 1 Mile SW
BA604	CAEDF0000102114	1/2 - 1 Mile South
BA605	CAEDF0000102015	1/2 - 1 Mile South
BA606	CAEDF0000048179	1/2 - 1 Mile South
BA607	CAEDF0000122357	1/2 - 1 Mile South
BA608	CAEDF0000136664	1/2 - 1 Mile South
BA609	CAEDF0000130788	1/2 - 1 Mile South
BA612	CAEDF0000069157	1/2 - 1 Mile South
BA613	CAEDF0000070319	1/2 - 1 Mile South
BA614	CAEDF0000018620	1/2 - 1 Mile South
BA615	CAEDF0000046544	1/2 - 1 Mile South
BA617	CAEDF0000081874	1/2 - 1 Mile South
BA618	CAEDF0000033003	1/2 - 1 Mile South
BE619	CAEDF0000104836	1/2 - 1 Mile NE
BA620	CAEDF0000067549	1/2 - 1 Mile South
BG622	CAEDF0000037585	1/2 - 1 Mile SSW
BA623	CAEDF0000015579	1/2 - 1 Mile South
BE624	CAEDF0000122718	1/2 - 1 Mile NE
BH625	CAEDF0000129341	1/2 - 1 Mile South
BJ628	CAEDF0000045735	1/2 - 1 Mile West
BG629	CAEDF0000135073	1/2 - 1 Mile SSW
BG630	CAEDF0000009149	1/2 - 1 Mile SSW
BK631	CAEDF0000143210	1/2 - 1 Mile SE
BG632	CAEDF0000074207	1/2 - 1 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BJ633	CAEDF0000032283	1/2 - 1 Mile West
BH634	CAEDF0000122212	1/2 - 1 Mile South
BJ635	CAEDF0000067364	1/2 - 1 Mile West
BJ636	CAEDF0000040691	1/2 - 1 Mile West
BJ637	CAEDF0000093281	1/2 - 1 Mile West
638	CAEDF0000056893	1/2 - 1 Mile SE
BJ639	CAEDF0000016633	1/2 - 1 Mile West
BJ640	CAEDF0000068243	1/2 - 1 Mile West
BJ641	CAEDF0000036732	1/2 - 1 Mile West
BG642	CAEDF0000046568	1/2 - 1 Mile SSW
BJ643	CAEDF0000061890	1/2 - 1 Mile West
BG644	CAEDF0000060792	1/2 - 1 Mile SSW
BE645	CAEDF0000051190	1/2 - 1 Mile NE
BH646	CAEDF0000044211	1/2 - 1 Mile South
BL647	CAEDF0000134086	1/2 - 1 Mile NNE
BK648	CAEDF0000116236	1/2 - 1 Mile SE
BK649	CAEDF0000128188	1/2 - 1 Mile SE
BJ650	CAEDF0000082953	1/2 - 1 Mile West
BJ651	CAEDF0000068956	1/2 - 1 Mile West
BJ652	CAEDF0000048717	1/2 - 1 Mile West
BJ653	CAEDF0000074552	1/2 - 1 Mile West
BJ654	CAEDF0000061610	1/2 - 1 Mile West
BJ655	CAEDF0000111259	1/2 - 1 Mile West
BG656	CAEDF0000106727	1/2 - 1 Mile SSW
BJ657	CAEDF0000064548	1/2 - 1 Mile West
BJ658	CAEDF0000047104	1/2 - 1 Mile West
BK659	CAEDF0000032548	1/2 - 1 Mile SE
BK660	CAEDF0000122383	1/2 - 1 Mile SE
BK661	CAEDF0000018988	1/2 - 1 Mile SE
BL663	CAEDF0000005290	1/2 - 1 Mile NE
BK664	CAEDF0000111439	1/2 - 1 Mile SE
BJ665	CAEDF0000061895	1/2 - 1 Mile West
BM666	CAEDF0000131010	1/2 - 1 Mile SE
BM667	CAEDF0000092987	1/2 - 1 Mile SE
668	CAEDF0000052645	1/2 - 1 Mile ESE
BN669	CAEDF0000035283	1/2 - 1 Mile NE
BN670	CAEDF0000093477	1/2 - 1 Mile NE
BN671	CAEDF0000082268	1/2 - 1 Mile NE
672	CAEDF0000082579	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 6884057.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	101-131 Terminal Court	CLIENT:	Haley & Aldrich, Inc.
ADDRESS:	101 Terminal Court South San Francisco CA 94080	CONTACT:	Marie Rose Javier
LAT/LONG:	37.643866 / 122.408067	INQUIRY #:	6884057.2s
		DATE:	March 04, 2022 10:00 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000064607**

Well ID:	T0608126439-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126439&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126439&assigned_name=MW-6		

A2
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000096291**

Well ID:	T0608126439-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126439&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126439&assigned_name=MW-5		

A3
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000039070**

Well ID:	T0608126439-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126439&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126439&assigned_name=MW-4		

A4
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000040040**

Well ID:	T0608126439-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126439&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126439&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000002921**

Well ID:	T0608126439-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126439&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126439&assigned_name=MW-1		

A6
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000123139**

Well ID:	T0608126439-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126439&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126439&assigned_name=MW-2		

A7
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000077722**

Well ID:	T0608126439-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126439&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126439&assigned_name=MW-8		

A8
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000108557**

Well ID:	T0608126439-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126439&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126439&assigned_name=MW-7		

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
9 **WNW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0551 Not Reported 6.68 9.97 Not Reported 12/13/1991	**AQUIFLOW**	**68980**

A10
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000086470**

Well ID:	SL0608187305-SB-28	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-28		

B11
WSW
1/8 - 1/4 Mile
Higher

			Database	EDR ID Number
	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0768 NE Not Reported Not Reported 9.75 10/28/1994	**AQUIFLOW**	**68751**

A12
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000003609**

Well ID:	SL0608187305-SB-29	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-29		

A13
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000139495**

Well ID:	SL0608187305-SB-24	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-24		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
B14 **WSW** **1/8 - 1/4 Mile** **Higher**	Site ID:	41-0252	**AQUIFLOW**	**68806**
	Groundwater Flow:	NNW		
	Shallow Water Depth:	4.18		
	Deep Water Depth:	8.58		
	Average Water Depth:	Not Reported		
	Date:	10/09/1996		

A15
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000123610**

Well ID:	SL0608187305-SB-30	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-30		

A16
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000140201**

Well ID:	SL0608187305-SB-25	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-25		

A17
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000047732**

Well ID:	SL0608187305-SB-22	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A18
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000068287**

Well ID:	SL0608187305-SB-31	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-31		

A19
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000037176**

Well ID:	SL0608187305-SB-37	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-37		

C20
NE
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000054943**

Well ID:	T0608100864-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100864&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100864&assigned_name=MW-2		

B21
WSW
1/8 - 1/4 Mile
Higher

AQUIFLOW **50654**

Site ID:	559013
Groundwater Flow:	NE
Shallow Water Depth:	7.65
Deep Water Depth:	8.15
Average Water Depth:	Not Reported
Date:	10/05/1998

D22
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000039714**

Well ID:	SL0608187305-SB-26	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-26

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-26&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-26

C23
NE
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000037854**

Well ID: T0608100864-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100864&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100864&assigned_name=MW-1

D24
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000088718**

Well ID: SL0608187305-SB-18 Well Type: MONITORING
Source: EDF Other Name: SB-18
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-18&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-18

C25
ENE
1/8 - 1/4 Mile
Lower

Site ID: 550090
Groundwater Flow: Varies
Shallow Water Depth: 5.70
Deep Water Depth: 7.48
Average Water Depth: Not Reported
Date: 10/1992

AQUIFLOW **50673**

D26
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000102509**

Well ID: SL0608187305-SB-23 Well Type: MONITORING
Source: EDF Other Name: SB-23
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-23&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-23

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D27
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000123377**

Well ID:	SL0608187305-SB-27	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-27		

D28
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000008226**

Well ID:	SL0608187305-SB-19	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-19		

D29
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000127558**

Well ID:	SL0608187305-SB-35	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-35
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-35&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-35		

D30
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000122981**

Well ID:	SL0608187305-SB-33	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-33		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D31
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000088660**

Well ID:	SL0608187305-SB-36	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-36
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-36&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-36		

C32
NE
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000094568**

Well ID:	T0608100864-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100864&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100864&assigned_name=MW-3		

D33
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000114885**

Well ID:	SL0608187305-SB-20	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-20		

D34
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000085912**

Well ID:	SL0608187305-SB-38	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-38
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-38&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-38		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D35
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000116938**

Well ID:	SL0608187305-SB-34	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-34		

D36
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000109071**

Well ID:	SL0608187305-SB-14	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-14		

D37
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000116035**

Well ID:	SL0608187305-SB-32	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-32		

D38
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000130232**

Well ID:	SL0608187305-SB-15	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-15		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D39
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000033556**

Well ID:	SL0608187305-SB-21	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-21		

B40
SW
1/8 - 1/4 Mile
Higher

Site ID:	41-0225
Groundwater Flow:	NE, E
Shallow Water Depth:	2.07
Deep Water Depth:	5.20
Average Water Depth:	Not Reported
Date:	04/28/1997

AQUIFLOW **50664**

41
NNW
1/8 - 1/4 Mile
Higher

Site ID:	41-0327
Groundwater Flow:	NE
Shallow Water Depth:	6.22
Deep Water Depth:	10.84
Average Water Depth:	Not Reported
Date:	06/1996

AQUIFLOW **68974**

B42
WSW
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000087405**

Well ID:	T0608100240-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100240&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100240&assigned_name=MW-1		

D43
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000111565**

Well ID:	SL0608187305-SB-16	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-16		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
E44 **WSW** **1/8 - 1/4 Mile** **Higher**	**CA WELLS**	**CAEDF0000081301**

Well ID:	T0608100240-P-1	Well Type:	MONITORING
Source:	EDF	Other Name:	P-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100240&assigned_name=P-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100240&assigned_name=P-1		

D45 **NNE** **1/8 - 1/4 Mile** **Higher**	**CA WELLS**	**CAEDF0000035488**	

Well ID:	SL0608187305-SB-17	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187305&assigned_name=SB-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187305&assigned_name=SB-17		

F46 **NNE** **1/4 - 1/2 Mile** **Lower**	Site ID:	41-0197	**AQUIFLOW**	**68919**
	Groundwater Flow:	E		
	Shallow Water Depth:	4.0		
	Deep Water Depth:	8		
	Average Water Depth:	Not Reported		
	Date:	09/1990		

F47 **NNE** **1/4 - 1/2 Mile** **Lower**	Site ID:	550045	**AQUIFLOW**	**68901**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	4.34		
	Deep Water Depth:	4.57		
	Average Water Depth:	Not Reported		
	Date:	01/31/1991		

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48 **ESE** **1/4 - 1/2 Mile** **Lower**	Site ID:	41-0455	**AQUIFLOW**	**68599**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	4.4		
	Deep Water Depth:	7.18		
	Average Water Depth:	Not Reported		
	Date:	06/17/1992		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G49
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000085617**

Well ID:	T0608100465-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100465&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100465&assigned_name=MW-1		

G50
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000084710**

Well ID:	T0608100465-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100465&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100465&assigned_name=MW-2		

G51
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000020616**

Well ID:	T0608100465-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100465&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100465&assigned_name=MW-3		

E52
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000067856**

Well ID:	T0608100240-MW-2B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100240&assigned_name=MW-2B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100240&assigned_name=MW-2B		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G53
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000045252**

Well ID:	T0608100465-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100465&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100465&assigned_name=MW-4		

F54
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000044361**

Well ID:	T0608153743-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608153743&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608153743&assigned_name=MW-3		

H55
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000109151**

Well ID:	T0608100526-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100526&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100526&assigned_name=MW-7		

G56
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000097361**

Well ID:	T0608100465-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100465&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100465&assigned_name=MW-6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

H57
NNW
1/4 - 1/2 Mile
Higher

AQUIFLOW **50431**

Site ID:	550141
Groundwater Flow:	NE
Shallow Water Depth:	2.71
Deep Water Depth:	7.0
Average Water Depth:	Not Reported
Date:	08/18/1998

G58
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000111418**

Well ID:	T0608100465-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100465&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100465&assigned_name=MW-5		

H59
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000088602**

Well ID:	T0608100526-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100526&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100526&assigned_name=MW-8		

F60
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000041313**

Well ID:	T0608153743-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608153743&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608153743&assigned_name=MW-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
I61 **SE** **1/4 - 1/2 Mile** **Lower**	Site ID:	41-0886	**AQUIFLOW**	**68834**
	Groundwater Flow:	NE		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	11.6"		
	Date:	09/17/1997		

G62
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000016621**

Well ID:	T0608100465-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100465&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100465&assigned_name=MW-7		

H63
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000058933**

Well ID:	T0608100526-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100526&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100526&assigned_name=MW-3		

F64
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000049894**

Well ID:	T0608153743-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608153743&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608153743&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
H65 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000092932**

Well ID:	T0608100526-MW-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100526&assigned_name=MW-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100526&assigned_name=MW-1R		

H66 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000092032**

Well ID:	T0608100526-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100526&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100526&assigned_name=MW-6		

H67 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000098168**

Well ID:	T0608100526-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100526&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100526&assigned_name=MW-2		

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68 **ENE** **1/4 - 1/2 Mile** **Lower**	Site ID:	550094	**AQUIFLOW**	**68933**
	Groundwater Flow:	SE		
	Shallow Water Depth:	2.38		
	Deep Water Depth:	4.87		
	Average Water Depth:	Not Reported		
	Date:	08/18/1992		

J69 **NE** **1/4 - 1/2 Mile** **Higher**	Site ID:	550077	**AQUIFLOW**	**50500**
	Groundwater Flow:	E		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	3		
	Date:	05/06/1992		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H70
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000101084**

Well ID:	T0608100526-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100526&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100526&assigned_name=MW-4		

H71
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000004631**

Well ID:	T0608100526-EX-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EX-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100526&assigned_name=EX-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100526&assigned_name=EX-1		

J72
NE
1/4 - 1/2 Mile
Higher

Site ID:	41-0264
Groundwater Flow:	N
Shallow Water Depth:	4.10
Deep Water Depth:	6.40
Average Water Depth:	Not Reported
Date:	08/22/1996

AQUIFLOW **50498**

I73
SE
1/4 - 1/2 Mile
Lower

Site ID:	550051
Groundwater Flow:	E
Shallow Water Depth:	7.9
Deep Water Depth:	7.06
Average Water Depth:	Not Reported
Date:	05/22/1992

AQUIFLOW **68829**

K74
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000068747**

Well ID:	T0608100721-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K75
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000070259**

Well ID:	T0608100721-PZ-1	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=PZ-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=PZ-1		

K76
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000112073**

Well ID:	T0608100721-PZ-3	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=PZ-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=PZ-3		

L77
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000139001**

Well ID:	SL0608187730-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-16		

K78
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000067723**

Well ID:	T0608100721-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K79
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000082977**

Well ID:	T0608100721-PZ-6	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=PZ-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=PZ-6		

K80
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000108207**

Well ID:	T0608100721-S-1	Well Type:	MONITORING
Source:	EDF	Other Name:	S-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=S-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=S-1		

L81
SW
1/4 - 1/2 Mile
Lower

Site ID:	41-0650
Groundwater Flow:	Not Reported
Shallow Water Depth:	11
Deep Water Depth:	11
Average Water Depth:	11
Date:	11/25/1986

AQUIFLOW **65790**

K82
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000136068**

Well ID:	T0608100721-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=MW-2		

L83
SW
1/4 - 1/2 Mile
Lower

Site ID:	880011
Groundwater Flow:	Not Reported
Shallow Water Depth:	11
Deep Water Depth:	11
Average Water Depth:	11
Date:	11/25/1986

AQUIFLOW **65789**

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L84
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000098947**

Well ID:	SL0608187730-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-11		

L85
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000087813**

Well ID:	SL0608187730-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-7		

K86
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000082703**

Well ID:	T0608100721-PZ-4	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=PZ-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=PZ-4		

M87
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000143113**

Well ID:	T0608100658-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100658&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100658&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K88
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000064489**

Well ID:	T0608100721-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=MW-1		

M89
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000043500**

Well ID:	T0608100658-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100658&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100658&assigned_name=MW-2		

L90
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000135712**

Well ID:	SL0608187730-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-4		

K91
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000125360**

Well ID:	T0608100721-PZ-5	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100721&assigned_name=PZ-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100721&assigned_name=PZ-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
L92 **SW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000060727**

Well ID:	SL0608187730-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-9		

	Database	EDR ID Number
L93 **SW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000038247**

Well ID:	SL0608187730-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-3		

			Database	EDR ID Number
N94 **North** **1/4 - 1/2 Mile** **Higher**	Site ID:	550017	**AQUIFLOW**	**50436**
	Groundwater Flow:	WNW		
	Shallow Water Depth:	5.12		
	Deep Water Depth:	5.40		
	Average Water Depth:	Not Reported		
	Date:	06/22/1990		

	Database	EDR ID Number
L95 **SW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000108447**

Well ID:	SL0608187730-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-5		

			Database	EDR ID Number
M96 **West** **1/4 - 1/2 Mile** **Higher**	Site ID:	550071	**AQUIFLOW**	**50488**
	Groundwater Flow:	NE		
	Shallow Water Depth:	1.44		
	Deep Water Depth:	2.35		
	Average Water Depth:	Not Reported		
	Date:	07/30/1999		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M97
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000104913**

Well ID:	T0608100658-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100658&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100658&assigned_name=MW-1		

L98
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000066130**

Well ID:	SL0608187730-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-17		

I99
ESE
1/4 - 1/2 Mile
Lower

Site ID:	001218
Groundwater Flow:	E
Shallow Water Depth:	8.79
Deep Water Depth:	10.95
Average Water Depth:	Not Reported
Date:	12/04/1995

AQUIFLOW **68615**

I100
ESE
1/4 - 1/2 Mile
Lower

Site ID:	41-0797
Groundwater Flow:	E
Shallow Water Depth:	8.79
Deep Water Depth:	10.95
Average Water Depth:	Not Reported
Date:	12/04/1995

AQUIFLOW **68616**

L101
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000076025**

Well ID:	SL0608187730-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L102
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000141694**

Well ID:	SL0608187730-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-6		

L103
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000047878**

Well ID:	SL0608187730-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-12		

N104
North
1/4 - 1/2 Mile
Higher

Site ID:	550139
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	11
Date:	11/10/1998

AQUIFLOW **50456**

L105
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000135370**

Well ID:	SL0608187730-IG	Well Type:	MONITORING
Source:	EDF	Other Name:	IG
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=IG&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=IG		

L106
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000007363**

Well ID:	SL0608187730-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-15&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-15

L107
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000094512**

Well ID: SL0608187730-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-1

L108
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000055432**

Well ID: SL0608187730-MW-8 Well Type: MONITORING
Source: EDF Other Name: MW-8
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-8&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-8

L109
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000066312**

Well ID: SL0608187730-MW-13 Well Type: MONITORING
Source: EDF Other Name: MW-13
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-13&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-13

L110
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000017973**

Well ID: SL0608187730-MW-10 Well Type: MONITORING
Source: EDF Other Name: MW-10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-10&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-10

M111
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000005431**

Well ID:	T0608100658-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100658&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100658&assigned_name=MW-4		

L112
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000060141**

Well ID:	SL0608187730-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608187730&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608187730&assigned_name=MW-14		

O113
SE
1/4 - 1/2 Mile
Lower

Site ID:	41-0422
Groundwater Flow:	Not Reported
Shallow Water Depth:	3.9
Deep Water Depth:	7.65
Average Water Depth:	Not Reported
Date:	09/16/1992

AQUIFLOW **68787**

P114
ESE
1/4 - 1/2 Mile
Lower

Site ID:	41-0098
Groundwater Flow:	E
Shallow Water Depth:	5.66
Deep Water Depth:	8.33
Average Water Depth:	Not Reported
Date:	10/04/1989

AQUIFLOW **68818**

P115
ESE
1/4 - 1/2 Mile
Lower

Site ID:	41-0116
Groundwater Flow:	E
Shallow Water Depth:	5.66
Deep Water Depth:	8.33
Average Water Depth:	Not Reported
Date:	10/04/1989

AQUIFLOW **68819**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
Q116 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000040976**

Well ID:	T0608100005-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-9		

Q117 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000135948**

Well ID:	T0608106256-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-9		

N118 **North** **1/4 - 1/2 Mile** **Higher**	Site ID:	550024	**AQUIFLOW**	**50482**
	Groundwater Flow:	S		
	Shallow Water Depth:	2.79		
	Deep Water Depth:	3.26		
	Average Water Depth:	Not Reported		
	Date:	12/20/1989		

N119 **North** **1/4 - 1/2 Mile** **Higher**	Site ID:	41-0092	**AQUIFLOW**	**68832**
	Groundwater Flow:	SE		
	Shallow Water Depth:	2.8		
	Deep Water Depth:	6.0		
	Average Water Depth:	Not Reported		
	Date:	10/08/1996		

Q120 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000000704**

Well ID:	T0608100005-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-15		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

121
West
1/4 - 1/2 Mile
Higher

Site ID:	41-0964
Groundwater Flow:	ENE
Shallow Water Depth:	3.12
Deep Water Depth:	6.04
Average Water Depth:	Not Reported
Date:	03/01/1999

AQUIFLOW **67156**

Q122
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000125544**

Well ID:	T0608100005-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-1		

Q123
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000020540**

Well ID:	T0608100005-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-2		

Q124
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000032011**

Well ID:	T0608100005-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q125
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000078324**

Well ID:	T0608106256-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-19		

Q126
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000070342**

Well ID:	T0608100005-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-4		

127
SSW
1/4 - 1/2 Mile
Lower

Site ID:	550065
Groundwater Flow:	Varies
Shallow Water Depth:	6.55
Deep Water Depth:	9.63
Average Water Depth:	Not Reported
Date:	10/07/1996

AQUIFLOW **52674**

Q128
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000095980**

Well ID:	T0608100005-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-11		

Q129
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000015170**

Well ID:	T0608106256-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-11

Q130
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000034237**

Well ID: T0608106256-MW-20 Well Type: MONITORING
Source: EDF Other Name: MW-20
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-20&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-20

Q131
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000094005**

Well ID: T0608100005-MW-13 Well Type: MONITORING
Source: EDF Other Name: MW-13
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-13&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-13

Q132
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000075245**

Well ID: T0608106256-MW-13 Well Type: MONITORING
Source: EDF Other Name: MW-13
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-13&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-13

Q133
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000142366**

Well ID: T0608106256-B-14 Well Type: MONITORING
Source: EDF Other Name: B-14
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=B-14&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=B-14

Q134
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000133779**

Well ID:	T0608100005-RW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=RW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=RW-6		

Q135
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000086673**

Well ID:	T0608100005-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-12		

Q136
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000070798**

Well ID:	T0608106256-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-12		

Q137
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000121529**

Well ID:	T0608106256-RW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=RW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=RW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q138
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000036167**

Well ID:	T0608100005-RW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=RW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=RW-7		

Q139
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000113104**

Well ID:	T0608106256-B-18	Well Type:	MONITORING
Source:	EDF	Other Name:	B-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=B-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=B-18		

Q140
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000140723**

Well ID:	T0608100005-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-6		

Q141
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000035546**

Well ID:	T0608100005-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
Q142 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000015314**

Well ID:	T0608106256-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-5		

		Database	EDR ID Number
Q143 **NNW** **1/4 - 1/2 Mile** **Higher**		**CA WELLS**	**CAEDF0000134327**

Well ID:	T0608106256-B-16	Well Type:	MONITORING
Source:	EDF	Other Name:	B-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=B-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=B-16		

			Database	EDR ID Number
144 **SW** **1/4 - 1/2 Mile** **Higher**	Site ID:	550133	**AQUIFLOW**	**50572**
	Groundwater Flow:	ESE		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	11		
	Date:	12/06/1994		

			Database	EDR ID Number
O145 **SE** **1/4 - 1/2 Mile** **Lower**	Site ID:	550043	**AQUIFLOW**	**68702**
	Groundwater Flow:	N		
	Shallow Water Depth:	3.5		
	Deep Water Depth:	11		
	Average Water Depth:	Not Reported		
	Date:	06/19/1990		

	Database	EDR ID Number
Q146 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000084270**

Well ID:	T0608100005-RW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=RW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=RW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q147
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000064453**

Well ID:	T0608100005-RW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=RW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=RW-3		

Q148
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000050686**

Well ID:	T0608106256-B-13	Well Type:	MONITORING
Source:	EDF	Other Name:	B-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=B-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=B-13		

Q149
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000060192**

Well ID:	T0608106256-B-19	Well Type:	MONITORING
Source:	EDF	Other Name:	B-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=B-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=B-19		

Q150
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000083602**

Well ID:	T0608100005-RW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=RW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=RW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q151
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000119435**

Well ID:	T0608106256-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-17		

Q152
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000097327**

Well ID:	T0608106256-B-17	Well Type:	MONITORING
Source:	EDF	Other Name:	B-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=B-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=B-17		

Q153
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000021206**

Well ID:	T0608100005-RW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=RW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=RW-5		

Q154
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000050811**

Well ID:	T0608106256-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-18		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q155
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000106498**

Well ID:	T0608100005-RW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=RW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=RW-9		

Q156
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000112567**

Well ID:	T0608106256-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-16		

Q157
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000129384**

Well ID:	T0608106256-RW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=RW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=RW-2		

R158
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000141634**

Well ID:	T0608100558-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-15		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
Q159 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000068703**

Well ID:	T0608100005-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100005&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100005&assigned_name=MW-14		

Q160 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000143766**

Well ID:	T0608106256-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106256&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106256&assigned_name=MW-14		

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161 **WNW** **1/4 - 1/2 Mile** **Higher**	Site ID:	550041	**AQUIFLOW**	**50510**
	Groundwater Flow:	ESE		
	Shallow Water Depth:	9.5		
	Deep Water Depth:	12.5		
	Average Water Depth:	Not Reported		
	Date:	06/11/1999		

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162 **SE** **1/4 - 1/2 Mile** **Lower**	Site ID:	41-0205	**AQUIFLOW**	**68630**
	Groundwater Flow:	E		
	Shallow Water Depth:	8.55		
	Deep Water Depth:	8.89		
	Average Water Depth:	Not Reported		
	Date:	04/25/1994		

R163 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000075182**

Well ID:	T0608100558-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-14		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R164
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000097634**

Well ID:	T0608100558-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-20		

R165
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000133801**

Well ID:	T0608100558-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-24		

S166
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000068579**

Well ID:	T0608100884-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-3		

R167
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000021100**

Well ID:	T0608100558-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-23		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R168
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000037102**

Well ID:	T0608100558-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-13		

R169
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000127793**

Well ID:	T0608100558-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-22		

R170
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000133861**

Well ID:	T0608100558-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-25		

S171
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000074950**

Well ID:	T0608100884-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R172
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000116887**

Well ID:	T0608100558-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-21		

S173
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000055192**

Well ID:	T0608100884-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-8		

R174
NNW
1/2 - 1 Mile
Higher

Site ID:	41-0333
Groundwater Flow:	E
Shallow Water Depth:	5.82
Deep Water Depth:	8
Average Water Depth:	Not Reported
Date:	08/29/1995

AQUIFLOW **68993**

S175
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000048458**

Well ID:	T0608100884-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-12		

S176
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000073247**

Well ID:	T0608100884-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-4

R177
NNW
1/2 - 1 Mile
Higher

Site ID: 41-0315
Groundwater Flow: SSE
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 10
Date: 12/26/1991

AQUIFLOW **69022**

S178
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000113889**

Well ID: T0608100884-MW-7
Well Type: MONITORING
Source: EDF
Other Name: MW-7
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-7

R179
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000080067**

Well ID: T0608100558-MW-16
Well Type: MONITORING
Source: EDF
Other Name: MW-16
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-16&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-16

S180
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121419**

Well ID: T0608100884-MW-11
Well Type: MONITORING
Source: EDF
Other Name: MW-11
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-11

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S181
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068641**

Well ID:	T0608100884-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-5		

S182
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016134**

Well ID:	T0608100884-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-1		

S183
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000011952**

Well ID:	T0608100884-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-9		

S184
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000134339**

Well ID:	SL0608175553-MW-M8A1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M8A1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M8A1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M8A1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
S185 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000043272**

Well ID:	SL0608175553-MW-M8A2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M8A2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M8A2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M8A2		

S186 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000020070**

Well ID:	T0608100884-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-6		

T187 **NW** **1/2 - 1 Mile** **Higher**	Site ID:	550156	**AQUIFLOW**	**68967**
	Groundwater Flow:	ENE		
	Shallow Water Depth:	8.5		
	Deep Water Depth:	9.5		
	Average Water Depth:	Not Reported		
	Date:	10/01/1993		

T188 **NW** **1/2 - 1 Mile** **Higher**	Site ID:	550156	**AQUIFLOW**	**68969**
	Groundwater Flow:	ENE		
	Shallow Water Depth:	8.5		
	Deep Water Depth:	9.5		
	Average Water Depth:	Not Reported		
	Date:	10/01/1993		

U189 **East** **1/2 - 1 Mile** **Lower**	Site ID:	41-0328	**AQUIFLOW**	**69040**
	Groundwater Flow:	NW		
	Shallow Water Depth:	3.27		
	Deep Water Depth:	4.33		
	Average Water Depth:	Not Reported		
	Date:	06/1995		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
U190 **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550050 NW 3.27 4.33 Not Reported 06/1995	**AQUIFLOW**	**69041**

S191
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000012333**

Well ID:	T0608100884-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100884&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100884&assigned_name=MW-10		

S192
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116472**

Well ID:	SL0608175553-MW-M7A1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M7A1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M7A1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M7A1		

S193
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072695**

Well ID:	SL0608175553-MW-M7A2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M7A2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M7A2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M7A2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
V194 **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0684 S 5.22 6.72 Not Reported 06/06/1995	**AQUIFLOW**	**50447**

S195
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104622**

Well ID:	SL0608175553-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-1		

			Database	EDR ID Number
R196 **NNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0427 ESE 8.29 9.04 Not Reported 02/04/1992	**AQUIFLOW**	**68964**
T197 **NW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550122 NE 1.5 2.5 Not Reported 10/06/1998	**AQUIFLOW**	**50422**
R198 **NNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	559005 E 8.5 9 Not Reported 10/25/1995	**AQUIFLOW**	**68943**
R199 **NNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550049 N, E, S, Not Reported Not Reported 3.5 04/14/1994	**AQUIFLOW**	**68758**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
R200 **NNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0584 SE 7 13 Not Reported 03/31/1989	**AQUIFLOW**	**68651**

W201
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061257**

Well ID:	T0608100558-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-17		

			Database	EDR ID Number
T202 **NW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0111 NNE Not Reported Not Reported 4.5 05/06/1994	**AQUIFLOW**	**68948**

X203
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000107922**

Well ID:	SL373231180-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-15		

S204
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000126062**

Well ID:	SL0608175553-MW-M5A2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M5A2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M5A2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M5A2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S205
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072759**

Well ID:	SL0608175553-MW-M5A1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M5A1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M5A1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M5A1		

S206
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000017186**

Well ID:	SL0608175553-MW-M6A2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M6A2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M6A2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M6A2		

S207
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068516**

Well ID:	SL0608175553-MW-M6A1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M6A1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M6A1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M6A1		

X208
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000036905**

Well ID:	SL373231180-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W209
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000048563**

Well ID:	T0608100558-MW-33	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-33		

T210
NW
1/2 - 1 Mile
Higher

AQUIFLOW **68715**

Site ID:	41-0680
Groundwater Flow:	NNE
Shallow Water Depth:	3.10
Deep Water Depth:	3.48
Average Water Depth:	Not Reported
Date:	03/31/1997

T211
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137798**

Well ID:	T0608100646-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100646&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100646&assigned_name=MW-2		

W212
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000074098**

Well ID:	T0608100558-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-12		

W213
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000140088**

Well ID:	T0608100558-MW-30	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-30&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-30

S214
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000138938**

Well ID: SL0608101503-MW-13S
Well Type: MONITORING
Source: EDF
Other Name: MW-13S
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-13S&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-13S

S215
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000114337**

Well ID: SL0608101503-MW-13D
Well Type: MONITORING
Source: EDF
Other Name: MW-13D
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-13D&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-13D

S216
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000139494**

Well ID: SL0608175553-MW-M4A2
Well Type: MONITORING
Source: EDF
Other Name: MW-M4A2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M4A2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M4A2

S217
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000126083**

Well ID: SL0608175553-MW-M4A1
Well Type: MONITORING
Source: EDF
Other Name: MW-M4A1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M4A1&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M4A1

W218
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000086388**

Well ID:	T0608100558-MW-34	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-34		

T219
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000034706**

Well ID:	T0608100646-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100646&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100646&assigned_name=MW-1		

S220
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095613**

Well ID:	SL0608175553-MW-M1A2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M1A2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M1A2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M1A2		

S221
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000021358**

Well ID:	SL0608175553-MW-M1A1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M1A1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M1A1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M1A1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W222
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000044505**

Well ID:	T0608100558-MW-32	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-32		

W223
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000133386**

Well ID:	T0608100558-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-4		

W224
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000102418**

Well ID:	T0608100558-MW-31	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-31		

T225
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000017758**

Well ID:	T0608100646-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100646&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100646&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S226
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009377**

Well ID:	SL0608175553-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-3		

S227
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000005530**

Well ID:	SL0608175553-MW-M3A2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M3A2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M3A2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M3A2		

S228
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000069940**

Well ID:	SL0608175553-MW-M3A1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M3A1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M3A1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M3A1		

S229
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000004330**

Well ID:	SL0608175553-MW-M2A2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M2A2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M2A2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M2A2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S230
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000117273**

Well ID:	SL0608175553-MW-M2A1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-M2A1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-M2A1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-M2A1		

S231
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000126730**

Well ID:	SL0608175553-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608175553&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608175553&assigned_name=MW-2		

W232
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000091053**

Well ID:	T0608100558-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100558&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100558&assigned_name=MW-10		

X233
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091312**

Well ID:	SL373231180-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-13		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

W234
NNW
1/2 - 1 Mile
Higher

Site ID:	41-0762
Groundwater Flow:	N
Shallow Water Depth:	4.5
Deep Water Depth:	7.5
Average Water Depth:	Not Reported
Date:	03/18/1994

AQUIFLOW **69084**

S235
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000124521**

Well ID:	SL0608101503-MW-12S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-12S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-12S		

S236
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137615**

Well ID:	SL0608101503-MW-12D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-12D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-12D		

T237
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066484**

Well ID:	T0608100646-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100646&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100646&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X238
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000069806**

Well ID:	SL373231180-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-20		

Y239
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000041834**

Well ID:	SL0608101503-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-2		

X240
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000089806**

Well ID:	SL373231180-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-14		

Y241
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000131596**

Well ID:	SL0608101503-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
W242 **NNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0250 S 1.09 3.23 Not Reported 06/15/1993	**AQUIFLOW**	**69077**

			Database	EDR ID Number
W243 **NNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	000715 S 1.09 3.23 Not Reported 06/15/1993	**AQUIFLOW**	**69078**

X244
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000103688**

Well ID:	SL373231180-RW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=RW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=RW-18		

Y245
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059268**

Well ID:	SL0608101503-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-1		

X246
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133252**

Well ID:	SL373231180-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-21		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Y247
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135540**

Well ID:	SL0608101503-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-9		

Y248
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098744**

Well ID:	SL0608101503-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-8		

Y249
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116234**

Well ID:	SL0608101503-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-4		

Z250
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000071936**

Well ID:	T0608100452-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-15		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X251
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000128454**

Well ID:	SL373231180-RW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=RW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=RW-9		

X252
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000143130**

Well ID:	SL373231180-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-16		

Y253
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000031747**

Well ID:	SL0608101503-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-7		

Y254
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000143690**

Well ID:	SL0608101503-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-5		

Map ID / Direction / Distance / Elevation			Database	EDR ID Number
V255 **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0824 WSW 1.80 5.95 Not Reported 12/20/1995	**AQUIFLOW**	**69017**

X256
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000124945**

Well ID:	SL373231180-RW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=RW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=RW-6		

V257
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068115**

Well ID:	T0608151779-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608151779&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608151779&assigned_name=MW-6		

Map ID / Direction / Distance / Elevation			Database	EDR ID Number
W258 **NNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0990 NNE 2.65 6.25 Not Reported 09/08/1997	**AQUIFLOW**	**69048**

Y259
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000010592**

Well ID:	SL0608101503-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA260
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000118915**

Well ID:	T0608151779-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608151779&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608151779&assigned_name=MW-3		

V261
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000120096**

Well ID:	T0608125206-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125206&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125206&assigned_name=MW-7		

W262
NNW
1/2 - 1 Mile
Higher

AQUIFLOW **69034**

Site ID:	41-0004
Groundwater Flow:	Not Reported
Shallow Water Depth:	6.20
Deep Water Depth:	7.02
Average Water Depth:	Not Reported
Date:	07/14/1995

AB263
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072274**

Well ID:	SL373231180-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-25		

V264
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091737**

Well ID:	T0608100772-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100772&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100772&assigned_name=MW-4

X265
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116941**

Well ID: SL373231180-RW-17 Well Type: MONITORING
Source: EDF Other Name: RW-17
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=RW-17&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=RW-17

AC266
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000002180**

Well ID: T0608100772-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100772&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100772&assigned_name=MW-1

X267
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000066320**

Well ID: SL373231180-MW-10 Well Type: MONITORING
Source: EDF Other Name: MW-10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-10

X268
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000091693**

Well ID: SL373231180-RW-19 Well Type: MONITORING
Source: EDF Other Name: RW-19
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=RW-19&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=RW-19

Y269
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000126025**

Well ID: SL0608101503-MW-6
Well Type: MONITORING
Source: EDF
Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-6

AA270
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132570**

Well ID: T0608151779-MW-4
Well Type: MONITORING
Source: EDF
Other Name: MW-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608151779&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608151779&assigned_name=MW-4

AA271
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000130612**

Well ID: T0608151779-MW-2
Well Type: MONITORING
Source: EDF
Other Name: MW-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608151779&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608151779&assigned_name=MW-2

AA272
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000071462**

Well ID: T0608151779-MW-5
Well Type: MONITORING
Source: EDF
Other Name: MW-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608151779&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608151779&assigned_name=MW-5

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X273
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000065856**

Well ID:	SL373231180-MW-29	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-29		

AC274
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000031536**

Well ID:	T0608100772-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100772&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100772&assigned_name=MW-2		

X275
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000033382**

Well ID:	SL373231180-RW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=RW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=RW-4		

AA276
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000014469**

Well ID:	T0608151779-MW-1S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608151779&assigned_name=MW-1S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608151779&assigned_name=MW-1S		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA277
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000037442**

Well ID:	T0608151779-MW-1D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608151779&assigned_name=MW-1D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608151779&assigned_name=MW-1D		

X278
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106816**

Well ID:	SL373231180-MW-7A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-7A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-7A		

X279
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094946**

Well ID:	SL373231180-MW-3A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-3A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-3A		

AB280
SE
1/2 - 1 Mile
Lower

AQUIFLOW **50419**

Site ID:	550064
Groundwater Flow:	Not Reported
Shallow Water Depth:	4.35
Deep Water Depth:	7.93
Average Water Depth:	Not Reported
Date:	04/28/1995

AC281
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074333**

Well ID:	T0608100772-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100772&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100772&assigned_name=MW-3

X282
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000037439**

Well ID: SL373231180-RW-8A
Source: EDF
Well Type: MONITORING
Other Name: RW-8A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=RW-8A&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=RW-8A

AB283
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000076893**

Well ID: SL373231180-MW-28
Source: EDF
Well Type: MONITORING
Other Name: MW-28
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-28&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-28

AD284
NNE
1/2 - 1 Mile
Higher

AQUIFLOW **50445**

Site ID: 550059
Groundwater Flow: E
Shallow Water Depth: 4.63
Deep Water Depth: 6.31
Average Water Depth: Not Reported
Date: 03/14/1994

AA285
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068502**

Well ID: T0608125206-MW-9
Source: EDF
Well Type: MONITORING
Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125206&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125206&assigned_name=MW-9

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB286
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003890**

Well ID:	SL373231180-MW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-2A		

AB287
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000041638**

Well ID:	SL373231180-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-1		

AA288
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000049483**

Well ID:	T0608125206-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125206&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125206&assigned_name=MW-6		

AD289
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000111359**

Well ID:	SL0608174279-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608174279&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608174279&assigned_name=MW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB290
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016165**

Well ID:	SL373231180-MW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-26		

X291
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000098405**

Well ID:	SL373231180-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-24		

AA292
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000127379**

Well ID:	T0608125206-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125206&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125206&assigned_name=MW-5		

Y293
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000041673**

Well ID:	SL0608101503-MW-11S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-11S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-11S		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Y294
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016223**

Well ID:	SL0608101503-MW-11D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608101503&assigned_name=MW-11D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608101503&assigned_name=MW-11D		

AE295
WNW
1/2 - 1 Mile
Higher

Site ID:	41-0180
Groundwater Flow:	S
Shallow Water Depth:	5.86
Deep Water Depth:	10.48
Average Water Depth:	Not Reported
Date:	11/15/1990

AQUIFLOW **68687**

AD296
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000143745**

Well ID:	SL0608174279-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608174279&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608174279&assigned_name=MW-4		

AD297
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000141482**

Well ID:	T10000006531-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000006531&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000006531&assigned_name=MW-4		

AB298
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000064722**

Well ID:	SL373231180-MW-31	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-31&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-31

Z299
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000044899**

Well ID: T0608100452-MW-21R
Well Type: MONITORING
Source: EDF
Other Name: MW-21R
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-21R&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-21R

Z300
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094382**

Well ID: T0608100452-MW-21
Well Type: MONITORING
Source: EDF
Other Name: MW-21
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-21&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-21

Z301
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000081374**

Well ID: T0608100452-MW-20
Well Type: MONITORING
Source: EDF
Other Name: MW-20
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-20&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-20

AE302
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116394**

Well ID: T0608100171-MW-8
Well Type: MONITORING
Source: EDF
Other Name: MW-8
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100171&assigned_name=MW-8&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100171&assigned_name=MW-8

AE303
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066828**

Well ID:	T0608100171-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100171&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100171&assigned_name=MW-7		

AA304
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000038878**

Well ID:	T0608125206-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125206&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125206&assigned_name=MW-8		

AE305
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000011960**

Well ID:	T0608100171-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100171&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100171&assigned_name=MW-9		

AB306
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000141698**

Well ID:	SL373231180-MW-30	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-30		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AA307 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000001711**

Well ID:	T0608125206-MW-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125206&assigned_name=MW-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125206&assigned_name=MW-1R		

AA308 **NE** **1/2 - 1 Mile** **Lower**	Site ID:	41-0951	**AQUIFLOW**	**69008**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	5.0		
	Deep Water Depth:	8.5		
	Average Water Depth:	Not Reported		
	Date:	03/24/1988		

	Database	EDR ID Number
AD309 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000012394**

Well ID:	SL0608174279-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608174279&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608174279&assigned_name=MW-7		

	Database	EDR ID Number
AA310 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000070166**

Well ID:	T0608125206-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125206&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125206&assigned_name=MW-4		

	Database	EDR ID Number
AE311 **WNW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000099022**

Well ID:	T0608100171-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100171&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100171&assigned_name=MW-5

AB312
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000134448**

Well ID: SL373231180-MW-27 Well Type: MONITORING
Source: EDF Other Name: MW-27
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-27&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-27

AB313
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000060927**

Well ID: SL373231180-MW-23 Well Type: MONITORING
Source: EDF Other Name: MW-23
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL373231180&assigned_name=MW-23&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL373231180&assigned_name=MW-23

AA314
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000121298**

Well ID: T0608125206-MW-3 Well Type: MONITORING
Source: EDF Other Name: MW-3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125206&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125206&assigned_name=MW-3

AE315
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000024395**

Well ID: T0608100171-RW-1 Well Type: MONITORING
Source: EDF Other Name: RW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100171&assigned_name=RW-1&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100171&assigned_name=RW-1

AF316
NW
1/2 - 1 Mile
Higher

Site ID: 550099
Groundwater Flow: NE
Shallow Water Depth: 9
Deep Water Depth: 10
Average Water Depth: Not Reported
Date: 02/04/1999

AQUIFLOW **50453**

AE317
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116575**

Well ID: T0608100171-MW-3
Source: EDF
Well Type: MONITORING
Other Name: MW-3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100171&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100171&assigned_name=MW-3

AG318
North
1/2 - 1 Mile
Higher

Site ID: 41-0845
Groundwater Flow: Varies
Shallow Water Depth: 10
Deep Water Depth: 15
Average Water Depth: Not Reported
Date: 09/03/1993

AQUIFLOW **68850**

AE319
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000046698**

Well ID: T0608100171-MW-6
Source: EDF
Well Type: MONITORING
Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100171&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100171&assigned_name=MW-6

AE320
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000079417**

Well ID: T0608100171-MW-4
Source: EDF
Well Type: MONITORING
Other Name: MW-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100171&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100171&assigned_name=MW-4

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z321
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000113979**

Well ID:	T0608100452-SVP-14	Well Type:	MONITORING
Source:	EDF	Other Name:	SVP-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=SVP-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=SVP-14		

Z322
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135722**

Well ID:	T0608100452-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-14		

AH323
WSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000105252**

Well ID:	T0608100452-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-16		

AE324
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000084211**

Well ID:	T0608100171-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100171&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100171&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

AF325
NW
1/2 - 1 Mile
Higher

AQUIFLOW **50459**

Site ID:	550035
Groundwater Flow:	NNE
Shallow Water Depth:	7
Deep Water Depth:	10
Average Water Depth:	Not Reported
Date:	10/02/1991

AA326
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000000707**

Well ID:	T0608125206-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125206&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125206&assigned_name=MW-2		

AH327
WSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000048119**

Well ID:	T0608100452-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-17		

AD328
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000080997**

Well ID:	SL0608174279-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608174279&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608174279&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AD329 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000009087**

Well ID:	T10000006531-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000006531&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000006531&assigned_name=MW-2		

	Database	EDR ID Number
AH330 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000085657**

Well ID:	T0608100452-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-12		

	Database	EDR ID Number
AD331 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000091928**

Well ID:	T0608128052-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608128052&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608128052&assigned_name=MW-3		

			Database	EDR ID Number
332 **East** **1/2 - 1 Mile** **Lower**	Site ID:	41-0181	**AQUIFLOW**	**69063**
	Groundwater Flow:	E		
	Shallow Water Depth:	4.07		
	Deep Water Depth:	5.41		
	Average Water Depth:	Not Reported		
	Date:	11/10/1992		

	Database	EDR ID Number
AD333 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000098953**

Well ID:	SL0608174279-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608174279&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608174279&assigned_name=MW-3

AD334
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098378**

Well ID: T10000006531-MW-3 Well Type: MONITORING
Source: EDF Other Name: MW-3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000006531&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000006531&assigned_name=MW-3

Z335
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000085069**

Well ID: T0608100452-SVP-13 Well Type: MONITORING
Source: EDF Other Name: SVP-13
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=SVP-13&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=SVP-13

Z336
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000069800**

Well ID: T0608100452-MW-13 Well Type: MONITORING
Source: EDF Other Name: MW-13
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-13&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-13

AD337
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000131110**

Well ID: SL0608174279-MW-6 Well Type: MONITORING
Source: EDF Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608174279&assigned_name=MW-6&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608174279&assigned_name=MW-6

AD338
NNE
1/2 - 1 Mile
Higher

AQUIFLOW **50660**

Site ID:	550047
Groundwater Flow:	NNE
Shallow Water Depth:	5
Deep Water Depth:	10
Average Water Depth:	Not Reported
Date:	01/23/1992

AH339
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061091**

Well ID:	T0608100452-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-6		

Z340
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000002449**

Well ID:	T0608100452-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-4		

Z341
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000006105**

Well ID:	T0608100452-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z342
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000082871**

Well ID:	T0608100452-MW-19R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-19R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-19R		

Z343
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000073170**

Well ID:	T0608100452-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-23		

AD344
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108284**

Well ID:	T0608128052-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608128052&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608128052&assigned_name=MW-1		

Z345
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000143700**

Well ID:	T0608100452-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-19		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z346
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068484**

Well ID:	T0608100452-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-18		

AI347
SE
1/2 - 1 Mile
Lower

CA WELLS **CAPFAS000000513**

Well ID:	T10000012790-SB/GW0303	Well Type:	MONITORING
Source:	EDF	Other Name:	SB/GW0303
GAMA PFAS Testing:	Yes		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000012790&assigned_name=SB/GW0303&store_num=		
GeoTracker Data:	Not Reported		

AI348
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000038816**

Well ID:	T10000012790-SB/GW0303	Well Type:	MONITORING
Source:	EDF	Other Name:	SB/GW0303
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000012790&assigned_name=SB/GW0303&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000012790&assigned_name=SB/GW0303		

AJ349
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000071054**

Well ID:	T0608100452-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD350
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000051114**

Well ID:	T0608128052-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608128052&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608128052&assigned_name=MW-2		

AJ351
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098544**

Well ID:	T0608100452-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-11		

AD352
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000055846**

Well ID:	SL0608174279-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608174279&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608174279&assigned_name=MW-1		

AD353
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000100755**

Well ID:	T10000006531-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000006531&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000006531&assigned_name=MW-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
AK354 **NNW** **1/2 - 1 Mile** **Higher**	Site ID:	41-0913	**AQUIFLOW**	**68707**
	Groundwater Flow:	W		
	Shallow Water Depth:	7.59		
	Deep Water Depth:	10.03		
	Average Water Depth:	Not Reported		
	Date:	06/02/1999		

AD355
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097623**

Well ID:	SL0608174279-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608174279&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608174279&assigned_name=MW-5		

			Database	EDR ID Number
AK356 **NNW** **1/2 - 1 Mile** **Higher**	Site ID:	41-0485	**AQUIFLOW**	**68954**
	Groundwater Flow:	E		
	Shallow Water Depth:	3.99		
	Deep Water Depth:	6.98		
	Average Water Depth:	Not Reported		
	Date:	08/30/1991		

AH357
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101639**

Well ID:	T0608100452-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-2		

AL358
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000049078**

Well ID:	T0608100376-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100376&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100376&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AL359 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000020559**

Well ID:	T0608100376-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100376&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100376&assigned_name=MW-6		

	Database	EDR ID Number
AH360 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000080797**

Well ID:	T0608100452-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-9		

	Database	EDR ID Number
AH361 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000128764**

Well ID:	T0608100452-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-3		

	Database	EDR ID Number
AL362 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000042836**

Well ID:	T0608100376-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100376&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100376&assigned_name=MW-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

AG363
North
1/2 - 1 Mile
Higher

Site ID:	41-0607
Groundwater Flow:	WSW
Shallow Water Depth:	2.27
Deep Water Depth:	6.40
Average Water Depth:	Not Reported
Date:	01/20/1994

AQUIFLOW **68894**

AL364
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000132123**

Well ID:	T0608100376-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100376&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100376&assigned_name=MW-7		

AL365
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000123532**

Well ID:	T0608100376-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100376&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100376&assigned_name=MW-3		

AH366
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000034559**

Well ID:	T0608100452-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100452&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100452&assigned_name=MW-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
AG367 **North** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0209 NW 5.15 7.33 Not Reported 12/15/1994	**AQUIFLOW**	**68783**
AM368 **ESE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0577 Not Reported 10 13 Not Reported 12/31/1992	**AQUIFLOW**	**68864**

AL369
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000124944**

Well ID:	T0608100376-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100376&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100376&assigned_name=MW-1		

AL370
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000086638**

Well ID:	T0608100376-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100376&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100376&assigned_name=MW-4		

			Database	EDR ID Number
AG371 **North** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550153 E 9.21 9.54 Not Reported 10/22/1998	**AQUIFLOW**	**68866**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
372 **SSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880002 Not Reported 7.0 9.0 Not Reported 03/27/1996	**AQUIFLOW**	**65776**
AG373 **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	001271 Varies 10 15 Not Reported 09/03/1993	**AQUIFLOW**	**68849**

AK374
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000133897**

Well ID:	T0608100461-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100461&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100461&assigned_name=MW-7		

AN375
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097438**

Well ID:	T0608100512-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-15		

AO376
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000116489**

Well ID:	T0608100579-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100579&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100579&assigned_name=MW-10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AO377
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092167**

Well ID:	T10000002842-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002842&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002842&assigned_name=MW-10		

AL378
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018547**

Well ID:	T0608100376-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100376&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100376&assigned_name=MW-2		

AK379
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094828**

Well ID:	T0608100461-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100461&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100461&assigned_name=MW-6		

AK380
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000023546**

Well ID:	T0608100461-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100461&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100461&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AP381
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062353**

Well ID:	T0608100274-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100274&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100274&assigned_name=MW-9		

AN382
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016274**

Well ID:	T0608100512-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-14		

AP383
NW
1/2 - 1 Mile
Higher

AQUIFLOW **68605**

Site ID:	41-0642
Groundwater Flow:	NW
Shallow Water Depth:	4.09
Deep Water Depth:	5.27
Average Water Depth:	Not Reported
Date:	09/1995

AP384
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121641**

Well ID:	T0608100274-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100274&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100274&assigned_name=MW-11		

AK385
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000036109**

Well ID:	T0608100461-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100461&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100461&assigned_name=MW-2

AN386
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000019558**

Well ID: T0608100512-MW-11 Well Type: MONITORING
Source: EDF Other Name: MW-11
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-11

AO387
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000114931**

Well ID: T0608102301-MW-2 Well Type: MONITORING
Source: EDF Other Name: MW-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608102301&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608102301&assigned_name=MW-2

AO388
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000039128**

Well ID: T0608102301-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608102301&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608102301&assigned_name=MW-1

AK389
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016023**

Well ID: T0608100461-MW-A Well Type: MONITORING
Source: EDF Other Name: MW-A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100461&assigned_name=MW-A&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100461&assigned_name=MW-A

390
NE
1/2 - 1 Mile
Lower

AQUIFLOW **68763**

Site ID:	41-0574
Groundwater Flow:	SE
Shallow Water Depth:	1.19
Deep Water Depth:	3.7
Average Water Depth:	Not Reported
Date:	07/17/1989

AP391
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072941**

Well ID:	T0608100274-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100274&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100274&assigned_name=MW-3		

AM392
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009085**

Well ID:	T0608175368-8245-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	8245-MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175368&assigned_name=8245-MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175368&assigned_name=8245-MW1		

AM393
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000117041**

Well ID:	T0608175368-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175368&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175368&assigned_name=MW-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AN394
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000131648**

Well ID:	T0608100512-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-10		

AP395
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116285**

Well ID:	T0608100274-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100274&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100274&assigned_name=MW-2		

AN396
WNW
1/2 - 1 Mile
Higher

Site ID:	550026
Groundwater Flow:	N
Shallow Water Depth:	10.34
Deep Water Depth:	11.71
Average Water Depth:	Not Reported
Date:	01/22/1999

AQUIFLOW **50474**

AK397
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135693**

Well ID:	T0608100461-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100461&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100461&assigned_name=MW-3		

AN398
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000069115**

Well ID:	T0608100512-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-13&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-13

AN399
WNW
1/2 - 1 Mile
Higher

AQUIFLOW **50470**

Site ID: 550034
Groundwater Flow: Not Reported
Shallow Water Depth: 7.57
Deep Water Depth: 9.77
Average Water Depth: Not Reported
Date: 02/1999

AO400
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143917**

Well ID: T10000002842-MW-9
Well Type: MONITORING
Source: EDF
Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002842&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002842&assigned_name=MW-9

AO401
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000001302**

Well ID: T0608100579-MW-9
Well Type: MONITORING
Source: EDF
Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100579&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100579&assigned_name=MW-9

AN402
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000078707**

Well ID: T0608100512-MW-9
Well Type: MONITORING
Source: EDF
Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-9

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AO403
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122828**

Well ID:	T0608102301-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608102301&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608102301&assigned_name=MW-3		

AQ404
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062429**

Well ID:	T0608175368-8245-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	8245-MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175368&assigned_name=8245-MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175368&assigned_name=8245-MW2		

AN405
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106258**

Well ID:	T0608100512-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-12		

AQ406
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000138229**

Well ID:	T0608175368-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175368&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175368&assigned_name=MW5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AQ407
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000048878**

Well ID:	T0608175368-MW-8BR	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8BR
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175368&assigned_name=MW-8BR&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175368&assigned_name=MW-8BR		

AO408
North
1/2 - 1 Mile
Lower

FRDS PWS **CA4110009**

Epa region:	09	State:	CA
Pwsid:	CA4110009		
Pwsname:	CALIFORNIA WATER SERVICE-S SAN FRANCISCO		
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06081
Status:	Active	Retpopsrvd:	56110
Pwssvcconn:	15748	Psource longname:	Purch_surface_water
Pwstype:	CWS	Owner:	Private
Contact:	TRELOAR, TIM	Contactorgname:	TRELOAR, TIM
Contactphone:	408-367-8232	Contactaddress1:	1720 N 1ST ST
Contactaddress2:	Not Reported	Contactcity:	SAN JOSE
Contactstate:	CA	Contactzip:	95112-4508
Pwsactivitycode:	A		

Pwsid:	CA4110009	Facid:	3582
Facname:	STATION 01 - AFTER FILTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	inorganics removal
Trtprocess:	rapid mix	Factypecode:	TP

Pwsid:	CA4110009	Facid:	3595
Facname:	RESERVOIR 02 TREATMENT PLANT		
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	manganese removal	Trtprocess:	filtration, greensand
Factypecode:	TP		

Pwsid:	CA4110009	Facid:	3595
Facname:	RESERVOIR 02 TREATMENT PLANT		
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	disinfection	Trtprocess:	chloramines
Factypecode:	TP		

Pwsid:	CA4110009	Facid:	6147
Facname:	STATION 01 - BEFORE FILTER		
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	disinfection	Trtprocess:	chloramines
Factypecode:	TP		

Pwsid:	CA4110009	Facid:	CA4110009009
Facname:	STATION 01 - AFTER FILTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	inorganics removal

Trtprocess:	rapid mix	Factypecode:	TP
Pwsid:	CA4110009	Facid:	CA4110009010
Facname:	RESERVOIR 02 TREATMENT PLANT		
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	disinfection	Trtprocess:	chloramines
Factypecode:	TP		
Pwsid:	CA4110009	Facid:	CA4110009011
Facname:	STATION 01 - BEFORE FILTER		
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	disinfection	Trtprocess:	chloramines
Factypecode:	TP		
PWS ID:	CA4110009		
PWS name:	CALIFORNIA WATER SERVICE-S SAN FRANCISCO		
Address:	Not Reported	Care of:	Not Reported
City:	SOUTH SAN FRANCISCO	State:	CA
Zip:	94080		
Owner:	CALIFORNIA WATER SERVICE-S SAN FRANCISCO		
Source code:	Purchases surface water	Population:	52680
PWS ID:	CA4110009	PWS type:	System Owner/Responsible Party
PWS name:	CALIFORNIA WTR SERV CO	PWS address:	Not Reported
PWS city:	SO SAN FRANCISCO	PWS state:	CA
PWS zip:	94080	PWS ID:	CA4110009
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00056200
System name:	CALIFORNIA WTR SERV CO	System address:	Not Reported
System address:	P O BOX 1150	System city:	SOUTH SAN FRANCISCO
System state:	CA	System zip:	94080
County FIPS:	Not Reported	City served:	SOUTH SAN FRANC
County FIPS:	081	City served:	SOUTH SAN FRANC
Population served:	50,001 - 75,000 Persons	Treatment:	Mixed (treated and untreated)
Latitude:	373916	Longitude:	1222424
Violation id:	9304007	Orig code:	S
State:	CA	Violation Year:	2013
Contamination code:	3014	Contamination Name:	E. COLI
Violation code:	34	Violation name:	Monitoring, Source Water (GWR)
Rule code:	140	Rule name:	GWR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2013
Cmp edt:	06/30/2013		
Violation ID:	9304007	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	08/20/2013
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		
Violation ID:	9304007	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	08/19/2013
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	Not Reported	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	04/04/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Not Reported

Violation ID:	Not Reported	Orig Code:	F
Enforcemnt FY:	2004	Enforcement Action:	12/31/2003
Enforcement Detail:	Fed Compliance achieved	Enforcement Category:	Not Reported
Violation ID:	Not Reported	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	05/04/2009
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Not Reported

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AO409
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074979**

Well ID:	T10000002842-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002842&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002842&assigned_name=MW-1		

AO410
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000069887**

Well ID:	T0608100579-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100579&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100579&assigned_name=MW-1		

AN411
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000103674**

Well ID:	T0608100512-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-8		

AN412
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000115237**

Well ID:	T0608100512-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-4

AO413
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000141823**

Well ID: T10000002842-MW-2R
Well Type: MONITORING
Source: EDF
Other Name: MW-2R
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002842&assigned_name=MW-2R&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002842&assigned_name=MW-2R

AO414
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000089851**

Well ID: T10000002842-CC-1
Well Type: MONITORING
Source: EDF
Other Name: CC-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002842&assigned_name=CC-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002842&assigned_name=CC-1

AO415
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000088004**

Well ID: T10000002842-CC-2
Well Type: MONITORING
Source: EDF
Other Name: CC-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002842&assigned_name=CC-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002842&assigned_name=CC-2

AO416
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074720**

Well ID: T0608100579-MW-2
Well Type: MONITORING
Source: EDF
Other Name: MW-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100579&assigned_name=MW-2&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100579&assigned_name=MW-2

AO417
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000072737**

Well ID:	T10000002842-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002842&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002842&assigned_name=MW-2		

AO418
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000038233**

Well ID:	T0608100579-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100579&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100579&assigned_name=MW-8		

AL419
West
1/2 - 1 Mile
Higher

AQUIFLOW **68989**

Site ID:	41-0395
Groundwater Flow:	NE
Shallow Water Depth:	24.10
Deep Water Depth:	25.18
Average Water Depth:	Not Reported
Date:	06/1992

AQ420
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000123912**

Well ID:	T0608175368-8245-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	8245-MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175368&assigned_name=8245-MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175368&assigned_name=8245-MW3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AQ421
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000084068**

Well ID:	T0608175368-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175368&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175368&assigned_name=MW7		

AN422
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000127992**

Well ID:	T0608100512-BBC-4	Well Type:	MONITORING
Source:	EDF	Other Name:	BBC-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=BBC-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=BBC-4		

AP423
NW
1/2 - 1 Mile
Higher

Site ID:	550007
Groundwater Flow:	NE
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	6.2
Date:	01/07/1993

AQUIFLOW **50415**

AO424
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000101634**

Well ID:	T10000002842-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002842&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002842&assigned_name=MW-3		

AO425
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000090175**

Well ID:	T0608100579-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100579&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100579&assigned_name=MW-3

AO426
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000090602**

Well ID: T10000002842-MW-8 Well Type: MONITORING
Source: EDF Other Name: MW-8
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002842&assigned_name=MW-8&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002842&assigned_name=MW-8

AN427
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000056022**

Well ID: T0608100512-MW-6 Well Type: MONITORING
Source: EDF Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100512&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100512&assigned_name=MW-6

AP428
NW
1/2 - 1 Mile
Higher

Site ID: 550038
Groundwater Flow: NE
Shallow Water Depth: 4.28
Deep Water Depth: 8.88
Average Water Depth: Not Reported
Date: 09/29/1998

AQUIFLOW **50670**

AR429
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000006327**

Well ID: T0608100461-MW-4 Well Type: MONITORING
Source: EDF Other Name: MW-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100461&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100461&assigned_name=MW-4

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

AQ430
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000089729**

Well ID:	T0608175368-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175368&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175368&assigned_name=MW-6		

431
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000020138**

Well ID:	SL0608106162-MW-30BR-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30BR-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-30BR-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-30BR-1		

AO432
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000093532**

Well ID:	T0608175868-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175868&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175868&assigned_name=MW-7		

AP433
NW
1/2 - 1 Mile
Higher

AQUIFLOW **50553**

Site ID:	41-0753
Groundwater Flow:	S
Shallow Water Depth:	6.10
Deep Water Depth:	8.45
Average Water Depth:	Not Reported
Date:	04/03/1996

AR434
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038729**

Well ID:	T0608175868-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175868&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175868&assigned_name=MW-3

AR435
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062301**

Well ID: T0608175868-MW-2 Well Type: MONITORING
Source: EDF Other Name: MW-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175868&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175868&assigned_name=MW-2

AS436
NNE
1/2 - 1 Mile
Lower

Site ID: 41-0382
Groundwater Flow: Not Reported
Shallow Water Depth: 3.9
Deep Water Depth: 4.76
Average Water Depth: Not Reported
Date: 02/23/1996

AQUIFLOW **68837**

AR437
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000110470**

Well ID: T0608175868-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175868&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175868&assigned_name=MW-1

AS438
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000082214**

Well ID: T0608100194-MW-10 Well Type: MONITORING
Source: EDF Other Name: MW-10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100194&assigned_name=MW-10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100194&assigned_name=MW-10

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR439
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000052532**

Well ID:	T0608100369-MW8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW8		

AT440
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075880**

Well ID:	SL0608106162-MW-15BR	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15BR
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-15BR&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-15BR		

AU441
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000007641**

Well ID:	T0608182194-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-18		

AV442
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000062373**

Well ID:	T0608100194-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100194&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100194&assigned_name=MW-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR443
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000141348**

Well ID:	T0608175868-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175868&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175868&assigned_name=MW-4		

AR444
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000076726**

Well ID:	T0608175868-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175868&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175868&assigned_name=MW-5		

AV445
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000106172**

Well ID:	T0608100194-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100194&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100194&assigned_name=MW-7		

AV446
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122964**

Well ID:	T0608100194-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100194&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100194&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AW447 **North** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000103660**

Well ID:	T0608100369-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW9		

AV448 **NNE** **1/2 - 1 Mile** **Lower**	Site ID:	41-0940	**AQUIFLOW**	**68712**
	Groundwater Flow:	SSE		
	Shallow Water Depth:	4		
	Deep Water Depth:	6		
	Average Water Depth:	Not Reported		
	Date:	10/03/1994		

	Database	EDR ID Number
AV449 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000097376**

Well ID:	T0608100194-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100194&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100194&assigned_name=MW-6		

	Database	EDR ID Number
AU450 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000140290**

Well ID:	T0608182194-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-15		

	Database	EDR ID Number
AU451 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000123813**

Well ID:	T0608182194-MW-15A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15A

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-15A&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-15A

AX452
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000021564**

Well ID: T0608182194-MW-14 Well Type: MONITORING
Source: EDF Other Name: MW-14
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-14&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-14

AT453
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114947**

Well ID: SL0608106162-MW-13B Well Type: MONITORING
Source: EDF Other Name: MW-13B
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-13B&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-13B

454
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108404**

Well ID: T0608175868-MW-6 Well Type: MONITORING
Source: EDF Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608175868&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608175868&assigned_name=MW-6

AT455
SE
1/2 - 1 Mile
Lower

Site ID: 550069
Groundwater Flow: W
Shallow Water Depth: 1.27
Deep Water Depth: 6.21
Average Water Depth: Not Reported
Date: 07/14/1993

AQUIFLOW **50619**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AV456
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000023172**

Well ID:	T0608100194-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100194&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100194&assigned_name=MW-9		

AW457
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104791**

Well ID:	T0608100369-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW7		

AT458
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043222**

Well ID:	SL0608106162-MW-2BR	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2BR
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-2BR&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-2BR		

AW459
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000102888**

Well ID:	T0608100369-AS5	Well Type:	MONITORING
Source:	EDF	Other Name:	AS5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=AS5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=AS5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AW460
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000091993**

Well ID:	T0608100369-AS4	Well Type:	MONITORING
Source:	EDF	Other Name:	AS4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=AS4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=AS4		

AW461
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000010247**

Well ID:	T0608100369-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW5		

AU462
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137571**

Well ID:	T0608182194-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-17		

AW463
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061327**

Well ID:	T0608100369-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
AV464 **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	000146 NE 14.3 15.6 Not Reported 07/02/1987	**AQUIFLOW**	**68854**
AV465 **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0204 NE 14.3 15.6 Not Reported 07/02/1987	**AQUIFLOW**	**68855**

AU466
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094880**

Well ID:	T0608182194-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-16		

AT467
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000057689**

Well ID:	SL0608106162-MW-4BR	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4BR
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-4BR&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-4BR		

AW468
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000002203**

Well ID:	T0608100369-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
469 **North** **1/2 - 1 Mile** **Lower**	Site ID:	41-0529	**AQUIFLOW**	**68695**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	7.4		
	Deep Water Depth:	11		
	Average Water Depth:	Not Reported		
	Date:	03/27/1998		

AW470
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000086497**

Well ID:	T0608100369-AS-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=AS-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=AS-1		

AY471
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000137503**

Well ID:	SL0608106162-MW-12BR-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12BR-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-12BR-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-12BR-3		

AW472
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000112864**

Well ID:	T0608100369-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AW473
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000099113**

Well ID:	T0608100369-AS-2	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=AS-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=AS-2		

AW474
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000010292**

Well ID:	T0608100369-V-2	Well Type:	MONITORING
Source:	EDF	Other Name:	V-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=V-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=V-2		

AW475
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000113678**

Well ID:	T0608100369-AS-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=AS-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=AS-1R		

AW476
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000119419**

Well ID:	T0608100369-MW-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW-1R		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AW477
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000093285**

Well ID:	T0608100369-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW-1		

AW478
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038121**

Well ID:	T0608100369-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW1		

AW479
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038926**

Well ID:	T0608100369-V-1	Well Type:	MONITORING
Source:	EDF	Other Name:	V-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=V-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=V-1		

AV480
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114463**

Well ID:	T0608100194-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100194&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100194&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AT481
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000108679**

Well ID:	SL0608106162-MW-18BR	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18BR
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-18BR&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-18BR		

AX482
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000041090**

Well ID:	T0608182194-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-9		

483
NW
1/2 - 1 Mile
Higher

AQUIFLOW **68608**

Site ID:	41-0735
Groundwater Flow:	NE
Shallow Water Depth:	5
Deep Water Depth:	6.5
Average Water Depth:	Not Reported
Date:	12/23/1996

AW484
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000013133**

Well ID:	T0608100369-AS-3	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=AS-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=AS-3		

AU485
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000069677**

Well ID:	T0608182194-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-10

AW486
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059605**

Well ID: T0608100369-V-3 Well Type: MONITORING
Source: EDF Other Name: V-3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=V-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=V-3

AT487
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133998**

Well ID: SL0608106162-MW-3C Well Type: MONITORING
Source: EDF Other Name: MW-3C
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-3C&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-3C

AW488
North
1/2 - 1 Mile
Higher

Site ID: 550091
Groundwater Flow: SE
Shallow Water Depth: 16.8
Deep Water Depth: 22.62
Average Water Depth: Not Reported
Date: 12/15/1992

AQUIFLOW **69055**

AT489
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000072071**

Well ID: SL0608106162-MW-28BR-1 Well Type: MONITORING
Source: EDF Other Name: MW-28BR-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-28BR-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-28BR-1

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AT490
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000064172**

Well ID:	SL0608106162-MW-28BR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28BR-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-28BR-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-28BR-2		

AT491
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000126453**

Well ID:	SL0608106162-MW-28BR-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28BR-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-28BR-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-28BR-5		

AT492
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000126425**

Well ID:	SL0608106162-MW-28BR-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28BR-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-28BR-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-28BR-4		

AT493
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000086365**

Well ID:	SL0608106162-MW-28BR-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28BR-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-28BR-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-28BR-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
AZ494 **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880010 SSE 5.0 9.0 Not Reported 03/07/1991	**AQUIFLOW**	**65804**

AZ495
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042835**

Well ID:	T0608100080-B-20	Well Type:	MONITORING
Source:	EDF	Other Name:	B-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-20		

AZ496
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114346**

Well ID:	T0608100080-B-22	Well Type:	MONITORING
Source:	EDF	Other Name:	B-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-22		

AZ497
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122394**

Well ID:	T0608100080-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-15		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
BA498 **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880014 ESE 3 4 Not Reported 04/28/1997	**AQUIFLOW**	**65835**

AW499
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000142569**

Well ID:	T0608100369-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100369&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100369&assigned_name=MW3		

			Database	EDR ID Number
BA500 **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880022 ESE 1.03 3.12 Not Reported 02/22/1995	**AQUIFLOW**	**65845**

AZ501
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000098962**

Well ID:	T0608100080-B-23	Well Type:	MONITORING
Source:	EDF	Other Name:	B-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-23		

AZ502
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000046066**

Well ID:	T0608100080-B-9	Well Type:	MONITORING
Source:	EDF	Other Name:	B-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AZ503
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000016142**

Well ID:	T0608100080-B-18	Well Type:	MONITORING
Source:	EDF	Other Name:	B-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-18		

AZ504
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000035491**

Well ID:	T0608100080-B-19	Well Type:	MONITORING
Source:	EDF	Other Name:	B-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-19		

AX505
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038664**

Well ID:	T0608182194-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-12		

AZ506
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068584**

Well ID:	T0608100080-B-25	Well Type:	MONITORING
Source:	EDF	Other Name:	B-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-25		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BB507
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000065326**

Well ID:	T0608100577-SB-8	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=SB-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=SB-8		

AZ508
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000066986**

Well ID:	T0608100080-DB-1	Well Type:	MONITORING
Source:	EDF	Other Name:	DB-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=DB-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=DB-1		

BC509
SSW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000021638**

Well ID:	4110023-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 16 - FOREST LANE PARK		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4110023-010&store_num=		
GeoTracker Data:	Not Reported		

BD510
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143657**

Well ID:	SL0608106162-MW-23BR-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23BR-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-23BR-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-23BR-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

BE511
NE
1/2 - 1 Mile
Lower

AQUIFLOW **68868**

Site ID:	559002
Groundwater Flow:	NNE
Shallow Water Depth:	5
Deep Water Depth:	9.5
Average Water Depth:	Not Reported
Date:	07/03/1995

AT512
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087321**

Well ID:	SL0608106162-MW-8BR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8BR-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-8BR-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-8BR-2		

AT513
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000066880**

Well ID:	SL0608106162-MW-8BR-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8BR-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-8BR-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-8BR-4		

AT514
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000101862**

Well ID:	SL0608106162-MW-8BR-B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8BR-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-8BR-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-8BR-B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AT515
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000116507**

Well ID:	SL0608106162-MW-8BR-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8BR-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-8BR-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-8BR-3		

AT516
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000102117**

Well ID:	SL0608106162-MW-8BR-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8BR-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-8BR-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-8BR-1		

BB517
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101156**

Well ID:	T0608100577-SB-7	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=SB-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=SB-7		

AZ518
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000086564**

Well ID:	T0608100080-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-11		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AZ519
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000049993**

Well ID:	T0608100080-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-2		

BB520
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000100138**

Well ID:	T0608100577-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-9		

AZ521
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000062822**

Well ID:	T0608100080-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-4		

AZ522
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000009538**

Well ID:	T0608100080-B-11	Well Type:	MONITORING
Source:	EDF	Other Name:	B-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AZ523
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003759**

Well ID:	T0608100080-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-1		

AZ524
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000139612**

Well ID:	T0608100080-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-12		

AZ525
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000034601**

Well ID:	T0608100080-DB-2	Well Type:	MONITORING
Source:	EDF	Other Name:	DB-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=DB-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=DB-2		

AZ526
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000059469**

Well ID:	T0608100080-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
BB527 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0605 W 45.89 48.37 Not Reported 03/02/1993	**AQUIFLOW**	**68861**

AX528
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000130165**

Well ID:	T0608182194-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-5		

AX529
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000083016**

Well ID:	T0608182194-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-4		

AZ530
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000070797**

Well ID:	T0608100080-B-10	Well Type:	MONITORING
Source:	EDF	Other Name:	B-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AZ531 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000088325**

Well ID:	T0608100080-B-12	Well Type:	MONITORING
Source:	EDF	Other Name:	B-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-12		

	Database	EDR ID Number
AZ532 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000113846**

Well ID:	T0608100080-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-3		

	Database	EDR ID Number
BB533 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000123205**

Well ID:	T0608100577-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-7		

	Database	EDR ID Number
AZ534 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000134312**

Well ID:	T0608100080-B-14	Well Type:	MONITORING
Source:	EDF	Other Name:	B-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=B-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=B-14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
BF535 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000032057**

Well ID:	SL0608106162-F12-21	Well Type:	MONITORING
Source:	EDF	Other Name:	F12-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=F12-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=F12-21		

BE536 **NE** **1/2 - 1 Mile** **Lower**	Site ID:	001322	**AQUIFLOW**	**68869**
	Groundwater Flow:	S		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	07/31/1995		

BE537 **NE** **1/2 - 1 Mile** **Lower**	Site ID:	41-0938	**AQUIFLOW**	**68870**
	Groundwater Flow:	S		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	07/31/1995		

	Database	EDR ID Number
AX538 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000077491**

Well ID:	T0608182194-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-13		

	Database	EDR ID Number
AZ539 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000055548**

Well ID:	T0608100080-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AZ540
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000041295**

Well ID:	T0608100080-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-13		

BF541
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000119730**

Well ID:	SL0608106162-F12-17	Well Type:	MONITORING
Source:	EDF	Other Name:	F12-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=F12-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=F12-17		

BF542
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000056841**

Well ID:	SL0608106162-INJ-4	Well Type:	MONITORING
Source:	EDF	Other Name:	INJ-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=INJ-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=INJ-4		

BB543
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000111383**

Well ID:	T0608100577-MW-3R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-3R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-3R		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
BB544 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000071558**

Well ID:	T0608100577-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-3		

	Database	EDR ID Number
AZ545 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000065148**

Well ID:	T0608100080-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-10		

	Database	EDR ID Number
BD546 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000032156**

Well ID:	SL0608106162-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-16		

	Database	EDR ID Number
BB547 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000047647**

Well ID:	T0608100577-MW-1RA	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1RA
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-1RA&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-1RA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BB548
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003043**

Well ID:	T0608100577-MW-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-1R		

BB549
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000096045**

Well ID:	T0608100577-MW-3RA	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3RA
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-3RA&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-3RA		

BB550
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000049205**

Well ID:	T0608100577-SB-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=SB-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=SB-3		

AX551
WSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000046317**

Well ID:	T0608182194-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BF552
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000066241**

Well ID:	SL0608106162-F12-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	F12-MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=F12-MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=F12-MW-2		

BF553
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000022723**

Well ID:	SL0608106162-INJ-5	Well Type:	MONITORING
Source:	EDF	Other Name:	INJ-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=INJ-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=INJ-5		

BB554
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101655**

Well ID:	T0608100577-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-1		

AX555
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098821**

Well ID:	T0608182194-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AZ556
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000062194**

Well ID:	T0608100080-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-5		

AX557
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009010**

Well ID:	T0608182194-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-11		

BB558
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000143801**

Well ID:	T0608100577-SB-4	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=SB-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=SB-4		

AX559
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000125039**

Well ID:	T0608182194-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BA560
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000063828**

Well ID:	T10000011757-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000011757&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000011757&assigned_name=MW-3		

BA561
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051841**

Well ID:	T0608100207-MW11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW11		

BG562
SSW
1/2 - 1 Mile
Higher

AQUIFLOW **65867**

Site ID:	880019
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	10.63
Date:	07/10/1990

AY563
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000116537**

Well ID:	SL0608106162-MW-31BR-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31BR-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-31BR-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-31BR-3		

BA564
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000070026**

Well ID:	T10000011757-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000011757&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000011757&assigned_name=MW-2

AX565
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000000827**

Well ID: T0608182194-MW-6 Well Type: MONITORING
Source: EDF Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-6

BF566
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000100997**

Well ID: SL0608106162-INJ-3 Well Type: MONITORING
Source: EDF Other Name: INJ-3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=INJ-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=INJ-3

BF567
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000080248**

Well ID: SL0608106162-F12-18 Well Type: MONITORING
Source: EDF Other Name: F12-18
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=F12-18&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=F12-18

BB568
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000015125**

Well ID: T0608100577-MW-6 Well Type: MONITORING
Source: EDF Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-6&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-6

BE569
NE
1/2 - 1 Mile
Lower

AQUIFLOW **68887**

Site ID:	000691
Groundwater Flow:	Not Reported
Shallow Water Depth:	3
Deep Water Depth:	10
Average Water Depth:	Not Reported
Date:	01/18/1988

BE570
NE
1/2 - 1 Mile
Lower

AQUIFLOW **68888**

Site ID:	41-0173
Groundwater Flow:	Not Reported
Shallow Water Depth:	3
Deep Water Depth:	10
Average Water Depth:	Not Reported
Date:	01/18/1988

BF571
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143974**

Well ID:	SL0608106162-INJ-1	Well Type:	MONITORING
Source:	EDF	Other Name:	INJ-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=INJ-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=INJ-1		

BF572
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000089206**

Well ID:	SL0608106162-F12-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	F12-MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=F12-MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=F12-MW-1		

BC573
SW
1/2 - 1 Mile
Higher

CA WELLS **3554**

Seq:	3554	Prim sta c:	03S/05W-33F01 M
Frds no:	4110023004	County:	41
District:	04	User id:	ENG
System no:	4110023	Water type:	G
Source nam:	WELL 12 - ELM AVE. (MONITORING WELL)		
Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY	Latitude:	373800.0

Longitude:	1222500.0	Precision:	8
Status:	MW	Comment 1:	Not Reported
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	4110023	System nam:	City Of San Bruno
Hqname:	Not Reported	Address:	567 El Camino Real
City:	San Bruno	State:	CA
Zip:	94066	Zip ext:	Not Reported
Pop serv:	39000	Connection:	11317
Area serve:	SAN BRUNO		

BF574
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000121211**

Well ID:	SL0608106162-INJ-6	Well Type:	MONITORING
Source:	EDF	Other Name:	INJ-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=INJ-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=INJ-6		

BB575
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137139**

Well ID:	T0608100577-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-10		

AZ576
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073759**

Well ID:	T0608100080-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AZ577
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122744**

Well ID:	T0608100080-MW-8R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-8R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-8R		

AY578
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000084840**

Well ID:	SL0608106162-MW-37	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-37		

BB579
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000110329**

Well ID:	T0608100577-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-2		

BB580
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000143807**

Well ID:	T0608100577-SB-6	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=SB-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=SB-6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AZ581
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000119938**

Well ID:	T0608100080-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-8		

BA582
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000031442**

Well ID:	T10000011757-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000011757&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000011757&assigned_name=MW-4		

BF583
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000063826**

Well ID:	SL0608106162-INJ-2	Well Type:	MONITORING
Source:	EDF	Other Name:	INJ-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=INJ-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=INJ-2		

BB584
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000056517**

Well ID:	T0608100577-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-8		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
BB585 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000068370**

Well ID:	T0608100577-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=MW-5		

AZ586 **South** **1/2 - 1 Mile** **Lower**	Site ID:	880001	**AQUIFLOW**	**51766**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	9.5		
	Deep Water Depth:	14.5		
	Average Water Depth:	Not Reported		
	Date:	05/26/1993		

	Database	EDR ID Number
AZ587 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000130368**

Well ID:	T0608100080-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100080&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100080&assigned_name=MW-9		

	Database	EDR ID Number
BB588 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000066240**

Well ID:	T0608100577-SB-5	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100577&assigned_name=SB-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100577&assigned_name=SB-5		

	Database	EDR ID Number
BF589 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000038974**

Well ID:	SL0608106162-F12-19	Well Type:	MONITORING
Source:	EDF	Other Name:	F12-19

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=F12-19&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=F12-19

BA590
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000037633**

Well ID: T0608100207-MW1 Well Type: MONITORING
Source: EDF Other Name: MW1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW1

BA591
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051528**

Well ID: T0608100207-MW6 Well Type: MONITORING
Source: EDF Other Name: MW6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW6

BA592
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000070859**

Well ID: T0608100207-DPE2 Well Type: MONITORING
Source: EDF Other Name: DPE2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=DPE2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=DPE2

BA593
South
1/2 - 1 Mile
Lower

Site ID: 880007
Groundwater Flow: SE
Shallow Water Depth: 6.23
Deep Water Depth: 6.90
Average Water Depth: Not Reported
Date: 08/07/1990

AQUIFLOW **51717**

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
BA594 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000068098**

Well ID:	T0608100207-DPE1	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=DPE1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=DPE1		

	Database	EDR ID Number
BA595 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000050176**

Well ID:	T0608100207-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW4		

	Database	EDR ID Number
BB596 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000052160**

Well ID:	T0608100545-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-15		

			Database	EDR ID Number
597 **ESE** **1/2 - 1 Mile** **Lower**	Site ID:	41-0764	**AQUIFLOW**	**68928**
	Groundwater Flow:	S		
	Shallow Water Depth:	1.04		
	Deep Water Depth:	3.58		
	Average Water Depth:	Not Reported		
	Date:	12/20/1993		

	Database	EDR ID Number
AY598 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000045919**

Well ID:	SL0608106162-MW-38BR-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-38BR-3

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-38BR-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-38BR-3

AY599
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114511**

Well ID: SL0608106162-MW-38BR-2 Well Type: MONITORING
Source: EDF Other Name: MW-38BR-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-38BR-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-38BR-2

AY600
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000138659**

Well ID: SL0608106162-MW-38BR-1 Well Type: MONITORING
Source: EDF Other Name: MW-38BR-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-38BR-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-38BR-1

BA601
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000088599**

Well ID: T0608100207-MW3 Well Type: MONITORING
Source: EDF Other Name: MW3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW3

BE602
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114697**

Well ID: SL0608111084-MW-5 Well Type: MONITORING
Source: EDF Other Name: MW-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608111084&assigned_name=MW-5&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608111084&assigned_name=MW-5

603
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106631**

Well ID: T0608182194-MW-7
Well Type: MONITORING
Source: EDF
Other Name: MW-7
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608182194&assigned_name=MW-7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608182194&assigned_name=MW-7

BA604
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000102114**

Well ID: T0608100207-MW2A
Well Type: MONITORING
Source: EDF
Other Name: MW2A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW2A&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW2A

BA605
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000102015**

Well ID: T0608100207-MW16
Well Type: MONITORING
Source: EDF
Other Name: MW16
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW16&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW16

BA606
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048179**

Well ID: T0608100207-2"WELL
Well Type: MONITORING
Source: EDF
Other Name: 2"WELL
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=2"WELL&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=2"WELL

Map ID
Direction
Distance
Elevation

		Database	EDR ID Number
BA607 **South** **1/2 - 1 Mile** **Lower**		**CA WELLS**	**CAEDF0000122357**

Well ID:	T0608100207-EW2A	Well Type:	MONITORING
Source:	EDF	Other Name:	EW2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=EW2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=EW2A		

		Database	EDR ID Number
BA608 **South** **1/2 - 1 Mile** **Lower**		**CA WELLS**	**CAEDF0000136664**

Well ID:	T0608100207-SV10	Well Type:	MONITORING
Source:	EDF	Other Name:	SV10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=SV10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=SV10		

		Database	EDR ID Number
BA609 **South** **1/2 - 1 Mile** **Lower**		**CA WELLS**	**CAEDF0000130788**

Well ID:	T0608100207-MW12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW12		

BB610 **West** **1/2 - 1 Mile** **Higher**	Site ID:	550037	**AQUIFLOW**	**68880**
	Groundwater Flow:	N		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	51		
	Date:	01/25/1993		

BB611 **West** **1/2 - 1 Mile** **Higher**	Site ID:	550037	**AQUIFLOW**	**68883**
	Groundwater Flow:	N		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	51		
	Date:	01/25/1993		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BA612
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000069157**

Well ID:	T0608100207-PZ1	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=PZ1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=PZ1		

BA613
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000070319**

Well ID:	T0608100207-EW1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=EW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=EW1		

BA614
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000018620**

Well ID:	T0608100207-EW3	Well Type:	MONITORING
Source:	EDF	Other Name:	EW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=EW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=EW3		

BA615
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000046544**

Well ID:	T0608100207-PZ2	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=PZ2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=PZ2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
BB616 **West** **1/2 - 1 Mile** **Higher**	Site ID:	41-0685	**AQUIFLOW**	**68999**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	36.86		
	Date:	03/08/1993		

BA617
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000081874**

Well ID:	T0608100207-MW15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW15		

BA618
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033003**

Well ID:	T0608100207-MW13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW13		

BE619
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000104836**

Well ID:	SL0608111084-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608111084&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608111084&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BA620
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067549**

Well ID:	T0608100207-MW7A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW7A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW7A		

621
NE
1/2 - 1 Mile
Lower

AQUIFLOW **69002**

Site ID:	41-0905
Groundwater Flow:	SE
Shallow Water Depth:	4.72
Deep Water Depth:	5.21
Average Water Depth:	Not Reported
Date:	10/12/1994

BG622
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000037585**

Well ID:	T0608193859-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193859&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193859&assigned_name=MW-11		

BA623
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000015579**

Well ID:	T0608100207-MW8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW8		

BE624
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000122718**

Well ID:	SL0608111084-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608111084&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608111084&assigned_name=MW-6

BH625
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000129341**

Well ID: T0608100207-MW10 Well Type: MONITORING
Source: EDF Other Name: MW10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW10

BI626
NE
1/2 - 1 Mile
Lower

Site ID: 000713
Groundwater Flow: W
Shallow Water Depth: 3.33
Deep Water Depth: 4.68
Average Water Depth: Not Reported
Date: 05/17/1995

AQUIFLOW **68905**

BI627
NE
1/2 - 1 Mile
Lower

Site ID: 41-0245
Groundwater Flow: W
Shallow Water Depth: 3.33
Deep Water Depth: 4.68
Average Water Depth: Not Reported
Date: 05/17/1995

AQUIFLOW **68906**

BJ628
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000045735**

Well ID: T0608100545-MW-10 Well Type: MONITORING
Source: EDF Other Name: MW-10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-10

BG629
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135073**

Well ID: T0608193859-SB-9B Well Type: MONITORING
Source: EDF Other Name: SB-9B
GAMA PFAS Testing: Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193859&assigned_name=SB-9B&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193859&assigned_name=SB-9B

BG630
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009149**

Well ID: T0608193859-SB-11 Well Type: MONITORING
Source: EDF Other Name: SB-11
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193859&assigned_name=SB-11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193859&assigned_name=SB-11

BK631
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143210**

Well ID: SL0608106162-MW-26 Well Type: MONITORING
Source: EDF Other Name: MW-26
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-26&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-26

BG632
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000074207**

Well ID: T0608193859-MW-9 Well Type: MONITORING
Source: EDF Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193859&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193859&assigned_name=MW-9

BJ633
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000032283**

Well ID: T0608100545-MW-9 Well Type: MONITORING
Source: EDF Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-9&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-9

BH634
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122212**

Well ID: T0608100207-MW14
Well Type: MONITORING
Source: EDF
Other Name: MW14
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW14&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW14

BJ635
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000067364**

Well ID: T0608100545-VE-1
Well Type: MONITORING
Source: EDF
Other Name: VE-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=VE-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=VE-1

BJ636
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000040691**

Well ID: T0608100545-MW-16
Well Type: MONITORING
Source: EDF
Other Name: MW-16
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-16&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-16

BJ637
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000093281**

Well ID: T0608100545-MW-6
Well Type: MONITORING
Source: EDF
Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-6

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

638
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000056893**

Well ID:	SL0608106162-MW-9BR-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9BR-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-9BR-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-9BR-3		

BJ639
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016633**

Well ID:	T0608100545-VE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=VE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=VE-2		

BJ640
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068243**

Well ID:	T0608100545-VE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=VE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=VE-4		

BJ641
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000036732**

Well ID:	T0608100545-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BG642
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000046568**

Well ID:	T0608193859-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193859&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193859&assigned_name=MW-12		

BJ643
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061890**

Well ID:	T0608100545-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-8		

BG644
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000060792**

Well ID:	T0608193859-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193859&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193859&assigned_name=MW-10		

BE645
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000051190**

Well ID:	SL0608111084-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608111084&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608111084&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BH646
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000044211**

Well ID:	T0608100207-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100207&assigned_name=MW9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100207&assigned_name=MW9		

BL647
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000134086**

Well ID:	SL0608111084-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608111084&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608111084&assigned_name=MW-7		

BK648
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000116236**

Well ID:	SL0608106162-MW-20BR-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20BR-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-20BR-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-20BR-1		

BK649
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000128188**

Well ID:	SL0608106162-MW-20BR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20BR-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-20BR-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-20BR-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BJ650
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000082953**

Well ID:	T0608100545-MW-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-1R		

BJ651
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068956**

Well ID:	T0608100545-VE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=VE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=VE-3		

BJ652
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000048717**

Well ID:	T0608100545-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-7		

BJ653
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000074552**

Well ID:	T0608100545-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BJ654
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061610**

Well ID:	T0608100545-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-11		

BJ655
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000111259**

Well ID:	T0608100545-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-12		

BG656
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106727**

Well ID:	T0608193859-SB-16	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193859&assigned_name=SB-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193859&assigned_name=SB-16		

BJ657
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000064548**

Well ID:	T0608100545-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BJ658
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000047104**

Well ID:	T0608100545-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-18		

BK659
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000032548**

Well ID:	SL0608106162-MW-34BR-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-34BR-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-34BR-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-34BR-1		

BK660
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122383**

Well ID:	SL0608106162-MW-34BR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-34BR-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-34BR-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-34BR-2		

BK661
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000018988**

Well ID:	SL0608106162-MW-34BR-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-34BR-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-34BR-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-34BR-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

662
North
1/2 - 1 Mile
Higher

Site ID:	41-0761
Groundwater Flow:	E
Shallow Water Depth:	22.13
Deep Water Depth:	24.30
Average Water Depth:	Not Reported
Date:	04/22/1994

AQUIFLOW **69072**

BL663
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000005290**

Well ID:	SL0608111084-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608111084&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608111084&assigned_name=MW-3		

BK664
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000111439**

Well ID:	SL0608106162-MW-33	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-33		

BJ665
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061895**

Well ID:	T0608100545-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100545&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100545&assigned_name=MW-17		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BM666
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000131010**

Well ID:	SL0608106162-MW-13C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-13C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-13C		

BM667
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092987**

Well ID:	SL0608106162-MW-13D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-13D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-13D		

668
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000052645**

Well ID:	SL0608106162-MW-21BR-B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21BR-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-21BR-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-21BR-B		

BN669
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000035283**

Well ID:	SL0608128898-MW-3D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608128898&assigned_name=MW-3D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608128898&assigned_name=MW-3D		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
BN670 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000093477**

Well ID:	SL0608128898-MW-3S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608128898&assigned_name=MW-3S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608128898&assigned_name=MW-3S		

	Database	EDR ID Number
BN671 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000082268**

Well ID:	SL0608128898-MW-2S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608128898&assigned_name=MW-2S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608128898&assigned_name=MW-2S		

	Database	EDR ID Number
672 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000082579**

Well ID:	SL0608106162-MW-39	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-39
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608106162&assigned_name=MW-39&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608106162&assigned_name=MW-39		

			Database	EDR ID Number
1G **North** **1/2 - 1 Mile** **Lower**	Site ID:	41-0761	**AQUIFLOW**	**69072**
	Groundwater Flow:	E		
	Shallow Water Depth:	22.13		
	Deep Water Depth:	24.30		
	Average Water Depth:	Not Reported		
	Date:	04/22/1994		

			Database	EDR ID Number
2G **North** **1/2 - 1 Mile** **Lower**	Site ID:	550091	**AQUIFLOW**	**69055**
	Groundwater Flow:	SE		
	Shallow Water Depth:	16.8		
	Deep Water Depth:	22.62		
	Average Water Depth:	Not Reported		
	Date:	12/15/1992		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
3G **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0529 Not Reported 7.4 11 Not Reported 03/27/1998	**AQUIFLOW**	**68695**
4G **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0382 Not Reported 3.9 4.76 Not Reported 02/23/1996	**AQUIFLOW**	**68837**
5G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	000691 Not Reported 3 10 Not Reported 01/18/1988	**AQUIFLOW**	**68887**
6G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0173 Not Reported 3 10 Not Reported 01/18/1988	**AQUIFLOW**	**68888**
7G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	559002 NNE 5 9.5 Not Reported 07/03/1995	**AQUIFLOW**	**68868**
8G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	001322 S Not Reported Not Reported Not Reported 07/31/1995	**AQUIFLOW**	**68869**
9G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0938 S Not Reported Not Reported Not Reported 07/31/1995	**AQUIFLOW**	**68870**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
10G **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	000146 NE 14.3 15.6 Not Reported 07/02/1987	**AQUIFLOW**	**68854**
11G **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0204 NE 14.3 15.6 Not Reported 07/02/1987	**AQUIFLOW**	**68855**
12G **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0940 SSE 4 6 Not Reported 10/03/1994	**AQUIFLOW**	**68712**
13G **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	001271 Varies 10 15 Not Reported 09/03/1993	**AQUIFLOW**	**68849**
14G **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550153 E 9.21 9.54 Not Reported 10/22/1998	**AQUIFLOW**	**68866**
15G **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0209 NW 5.15 7.33 Not Reported 12/15/1994	**AQUIFLOW**	**68783**
16G **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0607 WSW 2.27 6.40 Not Reported 01/20/1994	**AQUIFLOW**	**68894**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
17G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	000713 W 3.33 4.68 Not Reported 05/17/1995	**AQUIFLOW**	**68905**
18G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0245 W 3.33 4.68 Not Reported 05/17/1995	**AQUIFLOW**	**68906**
19G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0485 E 3.99 6.98 Not Reported 08/30/1991	**AQUIFLOW**	**68954**
20G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0913 W 7.59 10.03 Not Reported 06/02/1999	**AQUIFLOW**	**68707**
21G **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0845 Varies 10 15 Not Reported 09/03/1993	**AQUIFLOW**	**68850**
22G **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550047 NNE 5 10 Not Reported 01/23/1992	**AQUIFLOW**	**50660**
23G **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550059 E 4.63 6.31 Not Reported 03/14/1994	**AQUIFLOW**	**50445**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
24G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0574 SE 1.19 3.7 Not Reported 07/17/1989	**AQUIFLOW**	**68763**
25G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0735 NE 5 6.5 Not Reported 12/23/1996	**AQUIFLOW**	**68608**
26G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0004 Not Reported 6.20 7.02 Not Reported 07/14/1995	**AQUIFLOW**	**69034**
27G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0990 NNE 2.65 6.25 Not Reported 09/08/1997	**AQUIFLOW**	**69048**
28G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0753 S 6.10 8.45 Not Reported 04/03/1996	**AQUIFLOW**	**50553**
29G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0250 S 1.09 3.23 Not Reported 06/15/1993	**AQUIFLOW**	**69077**
30G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	000715 S 1.09 3.23 Not Reported 06/15/1993	**AQUIFLOW**	**69078**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
31G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0905 SE 4.72 5.21 Not Reported 10/12/1994	**AQUIFLOW**	**69002**
32G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0762 N 4.5 7.5 Not Reported 03/18/1994	**AQUIFLOW**	**69084**
33G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550038 NE 4.28 8.88 Not Reported 09/29/1998	**AQUIFLOW**	**50670**
34G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0584 SE 7 13 Not Reported 03/31/1989	**AQUIFLOW**	**68651**
35G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550007 NE Not Reported Not Reported 6.2 01/07/1993	**AQUIFLOW**	**50415**
36G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550049 N, E, S, Not Reported Not Reported 3.5 04/14/1994	**AQUIFLOW**	**68758**
37G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0642 NW 4.09 5.27 Not Reported 09/1995	**AQUIFLOW**	**68605**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
38G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	559005 E 8.5 9 Not Reported 10/25/1995	**AQUIFLOW**	**68943**
39G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0427 ESE 8.29 9.04 Not Reported 02/04/1992	**AQUIFLOW**	**68964**
40G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0315 SSE Not Reported Not Reported 10 12/26/1991	**AQUIFLOW**	**69022**
41G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0333 E 5.82 8 Not Reported 08/29/1995	**AQUIFLOW**	**68993**
42G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0951 Not Reported 5.0 8.5 Not Reported 03/24/1988	**AQUIFLOW**	**69008**
43G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0680 NNE 3.10 3.48 Not Reported 03/31/1997	**AQUIFLOW**	**68715**
44G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0111 NNE Not Reported Not Reported 4.5 05/06/1994	**AQUIFLOW**	**68948**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
45G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550035 NNE 7 10 Not Reported 10/02/1991	**AQUIFLOW**	**50459**
46G **North** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0092 SE 2.8 6.0 Not Reported 10/08/1996	**AQUIFLOW**	**68832**
47G **North** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550024 S 2.79 3.26 Not Reported 12/20/1989	**AQUIFLOW**	**50482**
48G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0824 WSW 1.80 5.95 Not Reported 12/20/1995	**AQUIFLOW**	**69017**
49G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550122 NE 1.5 2.5 Not Reported 10/06/1998	**AQUIFLOW**	**50422**
50G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550099 NE 9 10 Not Reported 02/04/1999	**AQUIFLOW**	**50453**
51G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550156 ENE 8.5 9.5 Not Reported 10/01/1993	**AQUIFLOW**	**68967**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
52G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550156 ENE 8.5 9.5 Not Reported 10/01/1993	**AQUIFLOW**	**68969**
53G **North** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550139 Not Reported Not Reported Not Reported 11 11/10/1998	**AQUIFLOW**	**50456**
54G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0684 S 5.22 6.72 Not Reported 06/06/1995	**AQUIFLOW**	**50447**
55G **North** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550017 WNW 5.12 5.40 Not Reported 06/22/1990	**AQUIFLOW**	**50436**
56G **NNW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550141 NE 2.71 7.0 Not Reported 08/18/1998	**AQUIFLOW**	**50431**
57G **WNW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550041 ESE 9.5 12.5 Not Reported 06/11/1999	**AQUIFLOW**	**50510**
58G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550026 N 10.34 11.71 Not Reported 01/22/1999	**AQUIFLOW**	**50474**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
59G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550034 Not Reported 7.57 9.77 Not Reported 02/1999	**AQUIFLOW**	**50470**
60G **NNE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550045 Not Reported 4.34 4.57 Not Reported 01/31/1991	**AQUIFLOW**	**68901**
61G **NNE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0197 E 4.0 8 Not Reported 09/1990	**AQUIFLOW**	**68919**
62G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0180 S 5.86 10.48 Not Reported 11/15/1990	**AQUIFLOW**	**68687**
63G **NNW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0327 NE 6.22 10.84 Not Reported 06/1996	**AQUIFLOW**	**68974**
64G **NE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0264 N 4.10 6.40 Not Reported 08/22/1996	**AQUIFLOW**	**50498**
65G **NE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550077 E Not Reported Not Reported 3 05/06/1992	**AQUIFLOW**	**50500**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID / Direction / Distance / Elevation			Database	EDR ID Number
66G **ENE** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550090 Varies 5.70 7.48 Not Reported 10/1992	**AQUIFLOW**	**50673**
67G **ENE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550094 SE 2.38 4.87 Not Reported 08/18/1992	**AQUIFLOW**	**68933**
68G **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0328 NW 3.27 4.33 Not Reported 06/1995	**AQUIFLOW**	**69040**
69G **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550050 NW 3.27 4.33 Not Reported 06/1995	**AQUIFLOW**	**69041**
70G **WNW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0551 Not Reported 6.68 9.97 Not Reported 12/13/1991	**AQUIFLOW**	**68980**
71G **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0181 E 4.07 5.41 Not Reported 11/10/1992	**AQUIFLOW**	**69063**
72G **West** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0964 ENE 3.12 6.04 Not Reported 03/01/1999	**AQUIFLOW**	**67156**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
73G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0395 NE 24.10 25.18 Not Reported 06/1992	**AQUIFLOW**	**68989**
74G **West** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550071 NE 1.44 2.35 Not Reported 07/30/1999	**AQUIFLOW**	**50488**
75G **WSW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0252 NNW 4.18 8.58 Not Reported 10/09/1996	**AQUIFLOW**	**68806**
76G **WSW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0768 NE Not Reported Not Reported 9.75 10/28/1994	**AQUIFLOW**	**68751**
77G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0685 Not Reported Not Reported Not Reported 36.86 03/08/1993	**AQUIFLOW**	**68999**
78G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550037 N Not Reported Not Reported 51 01/25/1993	**AQUIFLOW**	**68880**
79G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550037 N Not Reported Not Reported 51 01/25/1993	**AQUIFLOW**	**68883**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
80G **ESE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0455 Not Reported 4.4 7.18 Not Reported 06/17/1992	**AQUIFLOW**	**68599**
81G **WSW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	559013 NE 7.65 8.15 Not Reported 10/05/1998	**AQUIFLOW**	**50654**
82G **SW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0225 NE, E 2.07 5.20 Not Reported 04/28/1997	**AQUIFLOW**	**50664**
83G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0605 W 45.89 48.37 Not Reported 03/02/1993	**AQUIFLOW**	**68861**
84G **SE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0886 NE Not Reported Not Reported 11.6" 09/17/1997	**AQUIFLOW**	**68834**
85G **ESE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0098 E 5.66 8.33 Not Reported 10/04/1989	**AQUIFLOW**	**68818**
86G **ESE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0116 E 5.66 8.33 Not Reported 10/04/1989	**AQUIFLOW**	**68819**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
87G **ESE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	001218 E 8.79 10.95 Not Reported 12/04/1995	**AQUIFLOW**	**68615**
88G **ESE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0797 E 8.79 10.95 Not Reported 12/04/1995	**AQUIFLOW**	**68616**
89G **SE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550051 E 7.9 7.06 Not Reported 05/22/1992	**AQUIFLOW**	**68829**
90G **SW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0650 Not Reported 11 11 11 11/25/1986	**AQUIFLOW**	**65790**
91G **SW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880011 Not Reported 11 11 11 11/25/1986	**AQUIFLOW**	**65789**
92G **SW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550133 ESE Not Reported Not Reported 11 12/06/1994	**AQUIFLOW**	**50572**
93G **SE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550043 N 3.5 11 Not Reported 06/19/1990	**AQUIFLOW**	**68702**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
94G **SE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0422 Not Reported 3.9 7.65 Not Reported 09/16/1992	**AQUIFLOW**	**68787**
95G **SE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0205 E 8.55 8.89 Not Reported 04/25/1994	**AQUIFLOW**	**68630**
96G **ESE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0577 Not Reported 10 13 Not Reported 12/31/1992	**AQUIFLOW**	**68864**
97G **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550064 Not Reported 4.35 7.93 Not Reported 04/28/1995	**AQUIFLOW**	**50419**
98G **SSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550065 Varies 6.55 9.63 Not Reported 10/07/1996	**AQUIFLOW**	**52674**
99G **ESE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0764 S 1.04 3.58 Not Reported 12/20/1993	**AQUIFLOW**	**68928**
100G **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	550069 W 1.27 6.21 Not Reported 07/14/1993	**AQUIFLOW**	**50619**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
101G **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880002 Not Reported 7.0 9.0 Not Reported 03/27/1996	**AQUIFLOW**	**65776**
102G **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880019 Not Reported Not Reported Not Reported 10.63 07/10/1990	**AQUIFLOW**	**65867**
103G **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880010 SSE 5.0 9.0 Not Reported 03/07/1991	**AQUIFLOW**	**65804**
104G **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880022 ESE 1.03 3.12 Not Reported 02/22/1995	**AQUIFLOW**	**65845**
105G **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880014 ESE 3 4 Not Reported 04/28/1997	**AQUIFLOW**	**65835**
106G **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880007 SE 6.23 6.90 Not Reported 08/07/1990	**AQUIFLOW**	**51717**
107G **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	880001 Not Reported 9.5 14.5 Not Reported 05/26/1993	**AQUIFLOW**	**51766**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94080	92	2

Federal EPA Radon Zone for SAN MATEO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94080

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.350 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Department of Toxic Substances Control

Jared Blumenfeld
Secretary for
Environmental Protection

Meredith Williams, Ph.D.
Director
700 Heinz Avenue
Berkeley, California 94710-2721

Gavin Newsom
Governor

March 9, 2022

Marie Rose P. Javier
MJavier@haleyaldrich.com
925-949-1013

Public Records Request Number: PR2-030322-03

Locations: 101 + 131 Terminal Ct., South San Francisco, CA 94080 (APN: 015-113-210 and -240)

Dear Ms. Javier:

We have received your Public Records Act Request at the Department of Toxic Substances Control (DTSC). Upon thorough review of our files, we found no records pertaining to the site(s) referenced above.

We were unable to locate an address in the county database using the APNs provided and we are unable to search our records using APNs as our databases do not include this information. If you have a specific address or cross streets, please let us know.

For information regarding public reports on hazardous waste shipments of generators, transporters, and TSDFs, you can access our Hazardous Waste Tracking System (HWTS) online at: https://hwts.dtsc.ca.gov/. Select the “Reports” tab for search options. If you are interested in retrieving detailed reports, please contact the HWTS unit via e-mail: hwtsreports@dtsc.ca.gov or phone: 1-800-618-6942. Customized reports may require a fee. For copies of manifests, please send an e-mail to mcr@dtsc.ca.gov.

In addition, the DTSC provides access to public records online via EnviroStor; another data management system that tracks our efforts in cleanup, permitting, enforcement, and investigation of known/suspected hazardous waste sites and facilities. The available data is updated in real-time. You can access Envirostor online at www.envirostor.dtsc.ca.gov. Navigate the website easily by clicking the "How to Use EnviroStor" tab, then selecting the option “Take a Tour”.

If you have any questions or would like further information regarding your request, please contact me via phone: 510-540-3800 or e-mail: Berkeleyfileroom@dtsc.ca.gov.

Sincerely,

Carl Rose
Regional Records Coordinator

Javier, Marie Rose

From: Wong, Melinda@Waterboards <Melinda.Wong@waterboards.ca.gov>
Sent: Thursday, March 10, 2022 6:16 PM
To: Javier, Marie Rose
Subject: RE: PRA 21-0717 File Review Request

CAUTION: External Email

Hello Marie Rose,

The San Francisco Bay Regional Water Board received your March 3, 2022 file review request, which seeks records related to the address as described below. Based on a thorough search, the San Francisco Bay Water Board does not possess any additional records responsive to your request. It appears in Geotracker database for the address located at 131 Terminal Court, South San Francisco, CA that was regulated and closed by the local agency, the site documents are available to access online with the file number 41-4032.

I find no record information for the other address you requested. I would recommend contacting the local agency, San Mateo County Health Department, LOP for any further information they may have.

Thank you,

Melinda Wong
Management Services Division
San Francisco Bay Water Board
1515 Clay Street, Suite 1400
Oakland, CA 94612
Phone: (510) 622-2430
Email: mwong@waterboards.ca.gov
Fax: (510) 622-2095 direct line for Public Records Act request
PRA Request Email: RB2-PRA-Request@Waterboards.ca.gov

From: Javier, Marie Rose <MJavier@haleyaldrich.com>
Sent: Thursday, March 3, 2022 2:01 PM
To: Wong, Melinda@Waterboards <Melinda.Wong@waterboards.ca.gov>
Cc: Bradshaw, Maggie <Maggie.Bradshaw@hartcrowser.com>
Subject: File Review Request

EXTERNAL:

Haley & Aldrich is an environmental engineering company conducting a Phase I Environmental Site Assessment of the properties located at:

- 101 Terminal Court, South San Francisco, CA 94080; APN 015-113-240
- 131 Terminal Court, South San Francisco, CA 94080; APN 015-113-210

We are interested in any environmental files you may have for these properties or neighboring properties. Please let me know if you need anything else to conduct this review.

Thank you for your attention to this request.

Marie Rose P. Javier
Senior Administrative Assistant

Haley & Aldrich, Inc.
2033 North Main Street | Suite 309
Walnut Creek, California 94596

T: (925) 949.1013

www.haleyaldrich.com

PRR Plant Status

Facility No.: **110787**

Legacy Plant No.: 10787

Legacy Site No.: C6422

Permit Expiration Date: 11/1/2012

Facility Name: Nella Oil Company

Facility Address: 131 Terminal Ct
South San Francisco CA , 94080-6526

Facility Status: Shutdown 9/4/2012

NAICS: Gasoline Stations with Convenience Stores (447110)

Owning Entity: Nella Oil Company
B103353F110787
Ownership Start Date: 7/25/2002

Current Owner Contact:
Amanda Massey
Nella Oil Company, LLC
2360 Lindbergh St
Auburn , CA 95602-9562
Email:
Tel: 530-885-0401Ext: 2103
Alt Tel:
Fax:

Current Operator Contact:
Amanda Massey
Nella Oil Company, LLC
2360 Lindbergh St
Auburn , CA 95602-9562
Email:
Tel: (530) 885-0401Ext: 2103
Alt Tel:
Fax:

PRR Plant Status

Historical Facility Information

Facility Status	Status Date

Legacy Facility No.	Facility Name	End Date
G6422	Golden Gate Product Market	7/25/2002
G10787	Nella Oil Company	

Show Permit - Applications By Facility

Facility Number: 110787

Legacy Plant/GDF Number: 10787

Legacy Site Number: C6422

Facility Name: Nella Oil Company

Facility Address: 131 Terminal Ct
South San Francisco , 94080-6526

Application No.	Legacy Plant/GDF No.	Application Submission Date	Application Name	Current Status	Current Status Date	Application Engineer
16944	10787	11/5/2007	GDF--mod (6K, 1 spn, HEVR, EVR)	Approved	12/7/2007	Duncan Campbell
7465	10787	5/1/2003	GDF--modification (6K, 1 spn, bal, EVR)	Approved	5/8/2003	Madhav Patil
26560	6422	11/16/1998	GDF - conver to 2 pt (6K, 1 spn, bal)	Approved	12/1/1998	John Joseph
24862	6422	3/19/1997	GDF	Approved	5/21/1997	John Joseph
23220	6422	7/23/1993	GDF-modification/convert from gas to diesel	Approved	10/22/1993	Irma Salinas
22900	6422	5/11/1992	GDF - modification	Canceled	6/2/1992	John Foster
19556	6422	5/7/1985	GDF - new facility	Approved	6/25/1985	Nancy Yee

Report Generated 3/4/2022 1:18:20 PM

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

COUNTY OF SAN MATEO

March 9, 2022

Marie Rose Javier
2033 North Main Street Ste. 309
Walnut Creek CA 94596

Dear Marie Rose Javier:

The records request for 101 and 131 Terminal, South San Francisco is complete. The files have placed onto the enclosed USB in pdf format.

If you have any questions regarding the files, please contact Hazardous Material Inspector Monica Banning at (650) 207-8741.

Sincerely,

Environmental Health Services Division
San Mateo County Health
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403
(650) 372-6200 T
(650) 627-8244 F
EnvHealth@smcgov.org

EcoLogics

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August 31, 2004

Mr. Charles Ice
San Mateo County Environmental Health
455 County Center
Redwood City, CA 94063

Reference: Olympian Sites

Subject: Proposed PFP startup actions - 35 South Linden Avenue, South San Francisco; 131 Terminal Court, South San Francisco; 190 East Grand, South San Francisco; 501 Serramonte Boulevard, Daly City

Dear Mr. Ice:

The following sections discuss each of the subject sites with regard to our discussion at the August 24, 2004 meeting and a review of recently submitted documents (quarterly monitoring reports, feasibility studies, etc.). EcoLogics has submitted PFP documents to Sacramento and obtained permits required to operate equipment at the sites. The items listed below (for each site) should resolve any outlying issues you may have as we proceed toward the onset of Active Remediation. We will be contacting you with proposed dates (seventy-two hour notification) should you or a representative of your office want to observe commencement of site operations.

35 South Linden Avenue

The feasibility study conducted was discussed. Our understanding is that the studies recommendation of dual phase extraction was acceptable and that EcoLogics workplan (ICAP, June 21, 2004) was in accordance with the feasibility study. A proposed schedule for implementing the ICAP under the PFP project is attached as Attachment A.

As stated in the ICAP, the initial operation at the site will provide data to determine the need for additional on-site wells and allow removal of free product. It is important to eliminate the continuing source of dissolved-phase mass and reduce plume migration even if the contaminant plume has not been fully defined. The action needed to complete plume definition, however, would also be addressed and expedited to incorporate impacted areas into the remediation effort, as required for site closure.

190 E. Grand Avenue

In the August 24, 2004 meeting, the Olympian JV representative requested that the feasibility study prepared by TEC Accutite be reviewed. This feasibility study selects high-vacuum dual phase extraction as Alternative 1. If the TEC feasibility study is

approved by San Mateo County Health Services, then EcoLogics proposes to conduct the pilot study as part of the proposed site PFP project. If the pilot test is successful, a remedial action plan would be submitted under the PFP project to continue remediation using HVDPE. A proposed schedule for conducting the pilot test and activating the PFP project is attached as Attachment B.

131 Terminal Court

A feasibility study was completed by TEC Accutite (February 2003) and the remedial alternative chosen was in-situ groundwater bioremediation using oxygen release compound (ORC). ORC was injected in the vicinity of well MW-1 in October 2003. Well MW-1 was showing a decline prior to the October injection of ORC. This decline continued at approximately the same rate until the end of December 2003. The March 2004 well sampling showed a decrease in hydrocarbon concentrations, but subsequent sampling results have indicated that the well is rebounding. The release period for the injected ORC has most likely ended. Therefore, to complete remediation of the site under a PFP program, EcoLogics is proposing the use of a mobile high-vacuum dual phase extraction system. This has been the chosen alternative at the Linden Avenue site and E. Grand Avenue which have very similar subsurface conditions. Since conditions are similar to other sites with HVDPE or DPE recommendations and site remediation will be per a PFP project, Ecologics would like to perform a short-term pilot test using HVDPE. If successful, a remedial action plan would be submitted for approval. A proposed schedule for conducting the pilot test and activating the PFP project is attached as Attachment C.

501 Serramonte Boulevard

EcoLogics understanding at this site is that a CAP is in place with dual phase extraction as the approved remediation method. A modification of the current system and restart of the system was to be completed. However, the previous system has been removed from the site (details unknown). Ecologics proposes to use a high-vacuum dual phase extraction system with similar capabilities to continue remediation of the site. In addition, the Ecologics system has a sparging component that could be implemented if needed. Portions of the groundwater treatment system remain at the site and will be repaired and used as needed. Permits are in place to allow continued remediation. All continuation work would be completed under the PFP project. A proposed schedule for continuing remediation and activating the PFP project is attached as Attachment D.

Should you have any questions, you can reach me on my cell phone at 408-857-0648.

ECOLOGICS

Roger Dockter, R.G. CA 6152
Project Manager

ATTACHMENT A

35 South Linden Avenue

Proposed PFP startup schedule:

	Description	Date
1.	Initial extraction on well groups. Groups: MW-1,2,3,4 / MW-12,13 / MW-14 / MW-11, VE1	September 2004
2.	Continued extraction to remove free product.	September 2004
3.	Install additional wells onsite and complete offsite plume definition.	November 2004

ATTACHMENT B

190 E. Grand Avenue

Proposed PFP startup schedule:

	Description	Date
1.	Pilot test using HVDPE (Wells MW-1,4,7).	September 2004
2.	Prepare remedial action plan for remediation using HVDPE (assumes successful pilot test).	September 2004

ATTACHMENT C

131 Terminal Court

Proposed PFP startup schedule:

	Description	Date
1.	Pilot test using HVDPE (Well MW-1).	September 2004
2.	Prepare remedial action plan for remediation using HVDPE (assumes successful pilot test).	September 2004

ATTACHMENT D

501 Serramonte Boulevard

Proposed PFP startup schedule:

	Description	Date
1.	Refurbish groundwater treatment system.	September 2004
2.	Restart vapor extraction (Wells A-3, A-4, A-9).	Late September 2004

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◆EcoLogics *Development and Acceptance Corporation*
831-476-7352 ▽ fax 831-476-9292 P.O. Box 1532, Soquel, CA 95073-1532

December 24, 2004

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
DEC 3 0 2004
RECEIVED

GeoTracker EDF
Received
CI 8-16-05
Staff Date

Mr. Charles Ice
San Mateo County Environmental Health
455 County Center
Redwood City, CA 94063

Reference: 131 Terminal Court (Olympian Service Station/Card Lock Facility)
South San Francisco, California

Subject: Self-Monitoring Report
December 2004
SMCo Site #550158

Dear Mr. Ice:

Enclosed is a copy of the Self-Monitoring Report for the above referenced site. Olympian JV contracted with EcoLogics Development and Acceptance Corporation (EcoLogics) to conduct the quarterly monitoring and to prepare this report.

Copies of the monitoring report were also sent to those persons named in the distribution section. If you have any questions regarding the content of these reports, please contact me at (831) 476-7352 or Janet Heikel (Olympian JV) at (650) 356-3095.

Sincerely,

ECOLOGICS DEVELOPMENT AND ACCEPTANCE CORPORATION

Roger Dockter

Roger Dockter, R.G.
Project Manager

cc: file
Olympian JV

RDD/100-2.4.doc

TECHNICAL REPORT

SELF-MONITORING REPORT
DECEMBER 2004

131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA
SMCo SITE #550158

Prepared for:

OLYMPIAN JV
2000 ALAMEDA DE LAS PULGAS, SUITE 242
SAN MATEO, CALIFORNIA 94403

Prepared by:

ECOLOGICS DEVELOPMENT AND ACCEPTANCE CORPORATION
POST OFFICE BOX 1532
SOQUEL, CALIFORNIA 95073

December 24, 2004

Project No. 100-2.4

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Appendix D Historic Groundwater Data
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SELF-MONITORING REPORT
December 2004
SMCo Site #550158

131 Terminal Court
South San Francisco, California

December 24, 2004

1.0 INTRODUCTION

This report presents the procedures and results of groundwater monitoring at 131 Terminal Court, South San Francisco, California (Figure 1). The purpose of this report is to fulfill quarterly self-monitoring requirements and to continue a groundwater monitoring history for the site. The field measurements and analytical results of quarterly groundwater sampling are included in this report.

For this reporting period, groundwater from one monitoring well was sampled and analyzed. The sample collected was analyzed by McCampbell Analytical, Inc. for Total Petroleum Hydrocarbons as gasoline (TPHg), Methyl tert Butyl Ether, Benzene, Toluene, Ethylbenzene, and total Xylenes (MBTEX), and Oxygenates (including MTBE confirmation).

Section 2.0 of this report discusses the groundwater sampling and analytical procedures. Section 3.0 presents the results obtained during the monitoring event.

2.0 GROUNDWATER SAMPLING AND ANALYTICAL PROCEDURES

The locations of the groundwater monitoring and extraction wells are shown on Figure 2. The wells have been completed in the first water-bearing zone beneath the site. Table 1 summarizes the construction details of the monitoring wells for this site.

Groundwater sampling was conducted on December 9, 2004. Water level measurements were made on December 9, 2004. The following protocol was used by EcoLogics when obtaining groundwater samples:

- Water levels were first measured in all wells with an electronic interface tape before sampling. Purging preceded sampling to ensure collection of non-stagnant water. Monitoring well MW-1 was purged using an electric purge pump. Three casing volumes of groundwater were removed from the monitoring well prior to sampling. The purged water was monitored for temperature, pH, and conductivity. Purging was considered complete when these parameters had stabilized. The well was sampled after greater than 80 percent recovery. Appendix A includes a copy of the Purge/Sampling Worksheet which list method of purging and number of casing volumes removed.

- To prevent potential cross-contamination, all measuring, purging, and sampling equipment was washed in an Alconox detergent solution, rinsed with tap water, and then rinsed with distilled water.

- The sampling procedure for the monitoring well involved extracting groundwater with a clean disposable bailer on a clean nylon cord. Water collected for analysis of TPHg/MBTEX and oxygenates was decanted into four 40-milliliter vials with Teflon-lined septa. Samples were preserved using hydrochloric acid and acidified to a pH of less than 2.0. The vials were labeled and placed in a refrigerated cooler and accompanied by the chain-of-custody document. Samples transported to the laboratory were analyzed within the specified holding time.

- The TPHg/MBTEX samples were extracted using method SW5030B. TPHg was analyzed using analytical method 8015Cm and MBTEX were analyzed by analytical method 8021B. The oxygenate sample was extracted using method SW5030B and analyzed using method SW8260B.

- Groundwater produced during purging was placed in a drum and labeled. The water will be treated and discharged in the near future. The treatment and disposal will be documented in future quarterly monitoring reports.

3.0 RESULTS

The results of water level measurements and groundwater sampling are presented in the following sections.

3.1 Groundwater Elevations, Gradients, and Flow Direction

Water level measurements made on December 9, 2004 are presented in Table 2. Measurements made prior to December 2004 are presented in Appendix D. A hydrograph of historical groundwater elevation data for well MW-1 is presented in Appendix B. Groundwater elevation contours are presented in Figure 2.

On December 9, 2004, the groundwater gradient was 0.05 on the northern portion of the site and fairly flat on the southern portion of the site. The general groundwater flow direction was northeasterly (N 78° E), but ranges from N 32° E to S 54° E. Flow direction and gradient data are presented in Figure 2.

3.2 Floating Product Thickness

On December 9, 2004, no measurable amount of floating product was present in the sampled well.

3.3 Analytical Results

The analytical results for the December 2004 sampling event are presented in Table 3. Historical analytical results are attached as Appendix D. Figure 3 presents a summary of analytical results (TPHg, MBTEX, and detected 8260B compounds) for this sampling event. The certified analytical report for the December 2004 sampling event is included in Appendix C.

Well MW-1 contained 1,300 ug/L of TPHg. Benzene was present in well MW-1 at a concentration of 210 ug/L. MTBE was detected by the EPA method 8260B analysis in well MW-1 at 0.74 ug/L. For the oxygenated volatile organics plus 1,2-Dibromoethane (EBD) and 1,2 Dichloroethane (1,2-DCA), only ethanol and t-Butyl alcohol (TBA) were detected. Ethanol was reported at a concentration of 220 ug/L and TBA was reported at a concentration of 14 ug/L.

3.3 Remediation Progress

Oxygen Release Compound (ORC) was injected into the area around monitoring well MW-1 in October 2003 by TEC Accutite. Monitoring indicated a reduction in hydrocarbons during the first half of 2004 at which time a rebound occurred. ORC has a life expectancy for the release of oxygen of up to 12 months, according to the manufacturer. Therefore, based on the increase in concentrations and the time since the injection, this remediation using the oxygen release compound appears to have ended. Another reduction of concentrations occurred in the second half of 2004 and appears to be consistent with the natural decline of concentrations that has occurred in well MW-1 at the site since 2001. Time trend plots for TPH as gasoline and benzene in well MW-1 are presented as Appendix E.

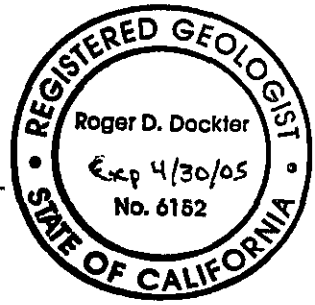
4.0 SELF-MONITORING PROGRAM SCHEDULE

The monitoring schedule for 2005 is presented in Table 5.

5.0 CERTIFICATION

To the best of my knowledge all statements and information provided above are true and correct.

Roger Dockter
Registered Geologist (CA 6152)



QA/QC Review

6.0 DISTRIBUTION

Ms. Janet Heikel
Olympian JV
2000 Alameda De Las Pulgas, Suite 242
San Mateo, CA 94403

Mr. Charles Ice
San Mateo County Environmental Health
455 County Center
Redwood City, CA 94063

TABLES

TABLE 1 - WELL CONSTRUCTION DETAILS
131 Terminal Court, South San Francisco, California

Well I.D.	Installation Date	Northing	Easting	TOC Elev. (Ft. MSL)	Borehole Depth (ft bgs)	Screened Interval (ft bgs)	Sand Pack Interval (ft bgs)	Well Seal (ft bgs)	Well Type	Top of Screen above Groundwater
MW-1	March 2000			6.39					Monitoring	
MW-2	March 2000			6.26					Monitoring	
MW-3	March 2000			6.58					Monitoring	
MW-4	March 2000	Destroyed well								
MW-5	March 2000			6.41					Monitoring	
MW-6	July 2001			6.22					Monitoring	
MW-7	July 2001			5.47					Monitoring	
MW-8	July 2001			4.94					Monitoring	

TABLE 2 - WATER LEVEL DEPTH AND ELEVATION
131 Terminal Court, South San Francisco, California

Well Number		7/22/04	12/9/04									
MW-1	DTW	2.48	0.38									
	ELEV.	3.91	6.01									
MW-2	DTW	2.63	3.42									
	ELEV.	3.63	2.84									
MW-3	DTW	3.09	2.95									
	ELEV.	3.49	3.63									
MW-5	DTW	2.90	2.82									
	ELEV.	3.51	3.59									
MW-6	DTW	1.66	2.39									
	ELEV.	4.56	3.83									
MW-7	DTW	1.67	0.83									
	ELEV.	3.80	4.64									
MW-8	DTW	2.29	2.29									
	ELEV.	2.65	2.44									

NM = Not measured or calculated; DTW = Depth to groundwater; ELEV. = Groundwater elevation.

TABLE 3 - SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (ug/L)
131 Terminal Court, South San Francisco, California

Test Method		SW8015C	SW8015Cm	SW8021B					SW8260B							
Well Number	Date	TPHd	TPHg	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	TAME	TBA	EDB	1,2-DCA	DIPE	ETBE	Ethanol	MTBE
MW-1	6/29/04*	NA	3,200	3.1	523	212	85.6	483	ND<1	ND<10	ND<0.5	ND<1	ND<0.5	ND<1	100	3.1
	7/22/04	NA	3,800,a	ND<5.0	440	290	52	440	ND<0.5	50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	1.9
	12/9/04	NA	1,300,a	ND<10	210	3.6	4.0	160	ND<0.5	14	ND<0.5	ND<0.5	ND<0.5	ND<0.5	220	0.74
MW-2	6/29/04*	NA	829	23.1	104	2.8	19.1	105	ND<1	77	ND<0.5	ND<1	ND<0.5	ND<1	ND<100	23.1
	7/22/04	NA	590,a	15	55	3.2	13	65	ND<0.5	76	ND<0.5	0.53	ND<0.5	ND<0.5	ND<50	16
	12/9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	6/29/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/22/04	NA	ND<50	ND<5.0	ND<0.5	0.56	ND<0.5	1.4	ND<0.5	14	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	ND<0.5
	12/9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3 - SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (ug/L)

131 Terminal Court, South San Francisco, California

		SW8015C	SW8015Cm	SW8021B					SW8260B							
Well Number	Date	TPHd	TPHg	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	TAME	TBA	EDB	1,2-DCA	DIPE	ETBE	Ethanol	MTBE
MW-5	6/29/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/22/04	NA	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	3.8
	12/9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	6/29/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/22/04	NA	ND<50	8.7	ND<0.5	1.9	0.59	4.3	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	7.4
	12/9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	6/29/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/22/04	NA	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	ND<0.5
	12/9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3 - SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (ug/L)

131 Terminal Court, South San Francisco, California

Test Method		SW8015C	SW8015Cm	SW8021B					SW8260B							
Well Number	Date	TPHd	TPHg	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	TAME	TBA	EDB	1,2-DCA	DIPE	ETBE	Ethanol	MTBE
MW-8	6/29/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/22/04	NA	ND<50	ND<5.0	ND<0.5	1.7	0.51	3.7	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	1.1
	12/9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Natural Attenuation Parameters and Total Dissolved Solids Analysis

Test Method																
Well Number	Date	TDS (ppm)	Methane (ppm)	TOC (ppm)	Alkalinity (ppm)	Nitrate (ppm)	Ferrous Iron (ppm)	Sulfate (ppm)	Manganese (ppm)	COD (ppm)	BOD (ppm)					
MW-1	5/1/03	NA	NA	12	NA	NA	NA	NA	NA	390	16					
MW-1	6/29/04	NA	11	21	886	<1	2	<1	7.2	248	12					
MW-2	6/29/04	NA	11	33	1,930	<1	0.1	<1	4.4	447	12					
MW-3	7/13/01	19,524	NA	NA	NA	NA	NA	NA	NA	NA	NA					
MW-5	6/29/04	NA	7	10	620	<1	5.9	<1	3.4	66	10					

Table 3 Notes:

TPHg	=	Total petroleum hydrocarbons as gasoline (Extraction Method: SW5030B and Analytical Method SW8015Cm).
MBTEX	=	Benzene, toluene, ethylbenzene, and total xylenes (Extraction Method: SW5030B and Analytical Method SW8015Cm).
DIPE	=	Diisopropyl ether (Extraction Method: SW5030B and Analytical Method SW8260B).
ETBE	=	Ethyl tert-butyl ether (Extraction Method: SW5030B and Analytical Method SW8260B).
MTBE	=	Methyl tert-Butyl Ether (Extraction Method: SW5030B and Analytical Method SW8260B).
TAME	=	tert-Amyl methyl ether (Extraction Method: SW5030B and Analytical Method SW8260B).
TBA	=	t-Butyl alcohol (Extraction Method: SW5030B and Analytical Method SW8260B).
TDS	=	Total Dissolved Solids.
Methane	=	Methane by EPA Method 8015M.
TOC	=	Total Organic Carbon by EPA Method 415.2.
Alkalinity	=	Alkalinity by EPA Method 310.1.
Nitrate	=	Nitrate by EPA Method 352.1.
Ferrous Iron	=	Ferrous Iron by EPA Method SMWW 19.3500eD
Sulfate	=	Sulfate by EPA Method 375.
Manganese	=	Manganese by EPA Method 200.7
COD	=	Chemical Oxygen Demand by EPA Method 410.4.
BOD	=	Biochemical Oxygen Demand by EPA Method 405.1.
NA	=	Not sampled/analyzed.
ND	=	Below detection limit; see analytical reports for detection limits if not shown.
a	=	Unmodified or weakly modified gasoline is significant
*	=	Samples analyzed on 6/29/04 by TEC Accutite – BTEX and fuel additives by EPA Method 8260.

TABLE 4 - INDICATOR PARAMETERS IN GROUNDWATER
131 Terminal Court, South San Francisco, California

Well Number	Date	Dissolved oxygen (mg/L)	Oxidation-reduction potential (mV)	pH	Conductivity (uS)	Temperature (°F) or °C	Turbidity (FTU)				
Monitoring Well											
MW-1	6/29/04	13.5*	-100	6.96	NM	24.5	NM				
	7/22/04	NM	-237	6.79	1999+	24.4	NM				
	12/9/04	NM	NM	7.7	1999+	18.5	NM				
MW-2	6/29/04	14.1*	-065	6.79	NM	23.7	NM				
	7/22/04	NM	-215	6.83	1999+	23.0	NM				
	12/9/04	NM	NM	NM	NM	NM	NM				
MW-3	6/29/04	NM	NM	NM	NM	NM	NM				
	7/22/04	NM	-285	6.84	1999+	23.4	NM				
	12/9/04	NM	NM	NM	NM	NM	NM				
MW-5	6/29/04	17.7*	-082	6.55	NM	21.5	NM				
	7/22/04	NM	416	5.79	1999+	21.9	NM				
	12/9/04	NM	NM	NM	NM	NM	NM				

Notes: NM = Not measured. * = final D.O. measurement by TEC Accutite, initial D.O. reported as 1.1 mg/l, 1.3 mg/L and 1.5 mg/L for MW-1, MW-2, & MW-5, respectively.

TABLE 4 - INDICATOR PARAMETERS IN GROUNDWATER
131 Terminal Court, South San Francisco, California

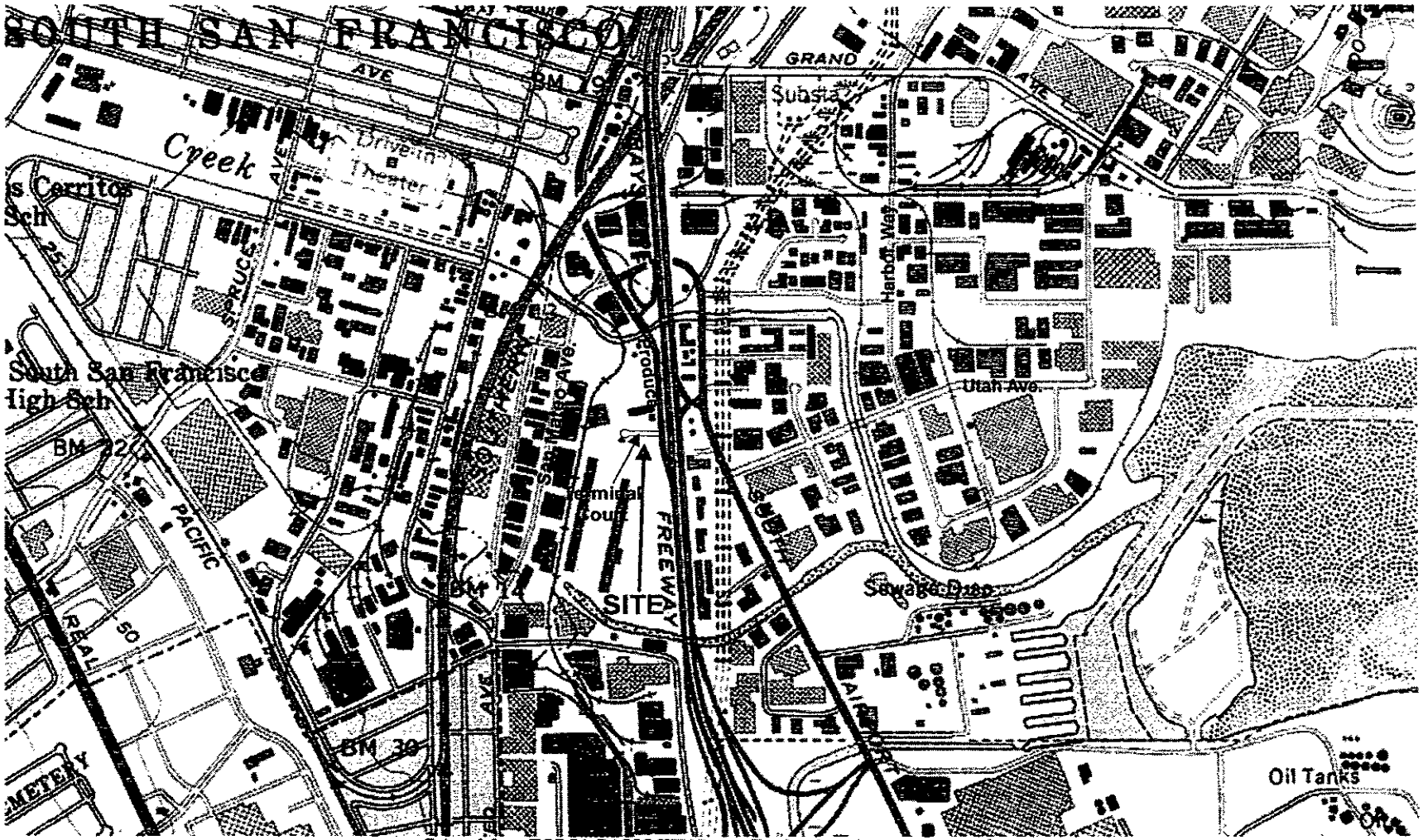
Well Number	Date	Dissolved oxygen (mg/L)	Oxidation-reduction potential (mV)	pH	Conductivity (uS)	Temperature (°F) or °C	Turbidity (FTU)				
Monitoring Well											
MW-6	6/29/04	NM	NM	NM	NM	NM	NM				
	7/22/04	NM	-159	6.25	1999+	21.4	NM				
	12/9/04	NM	NM	NM	NM	NM	NM				
MW-7	6/29/04	NM	NM	NM	NM	NM	NM				
	7/22/04	NM	260	6.75	1999+	23.0	NM				
	12/9/04	NM	NM	NM	NM	NM	NM				
MW-8	6/29/04	NM	NM	NM	NM	NM	NM				
	7/22/04	NM	-300	5.85	1999+	22.3	NM				
	12/9/04	NM	NM	NM	NM	NM	NM				

Notes: NM = Not measured.

TABLE 5 - SELF-MONITORING SCHEDULE (2005)
131 Terminal Court, South San Francisco, California

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task												
Water Levels			X			X			X			X
Water Sample			X			X			X			X
Report	X			X			X			X		

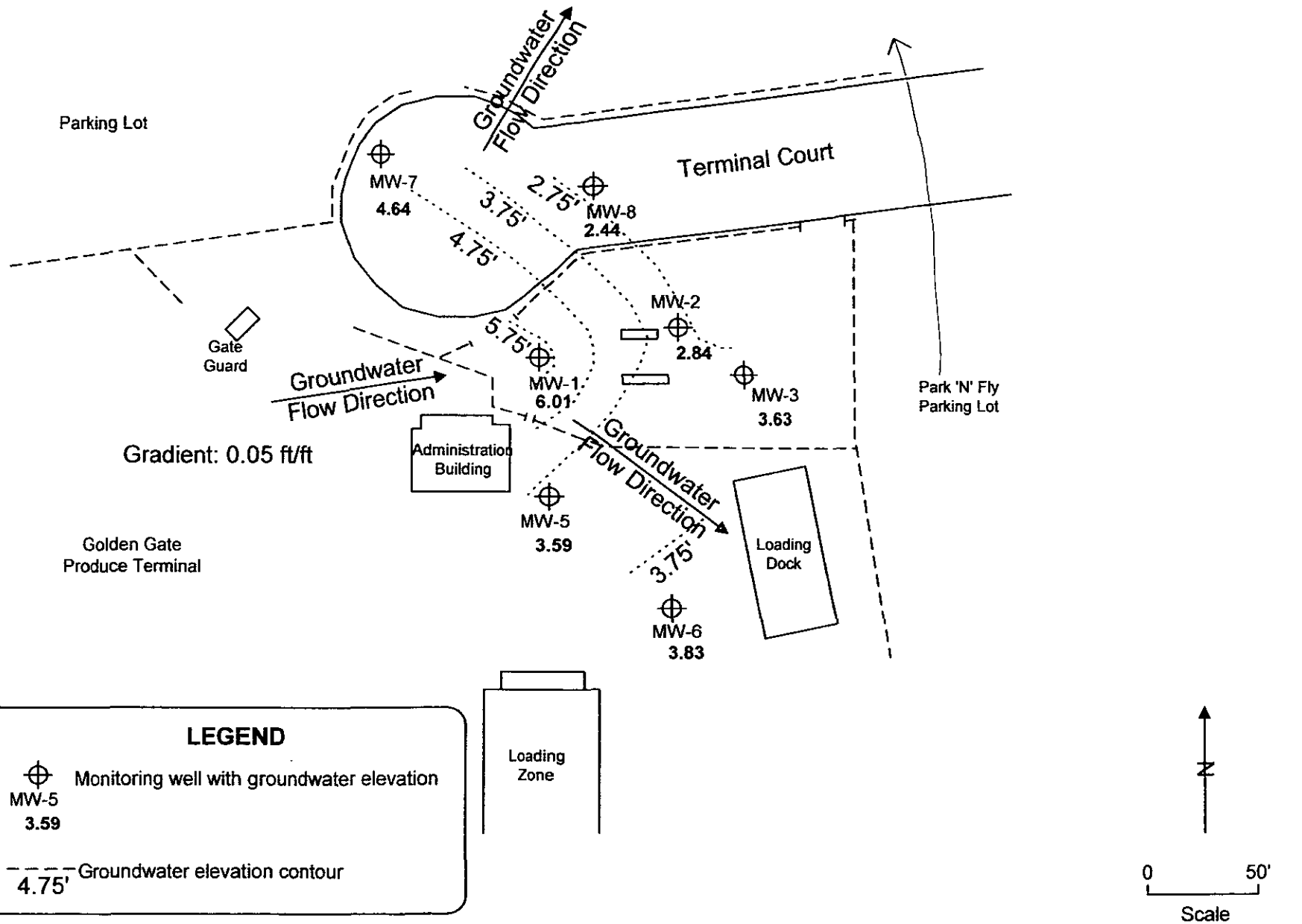
FIGURES



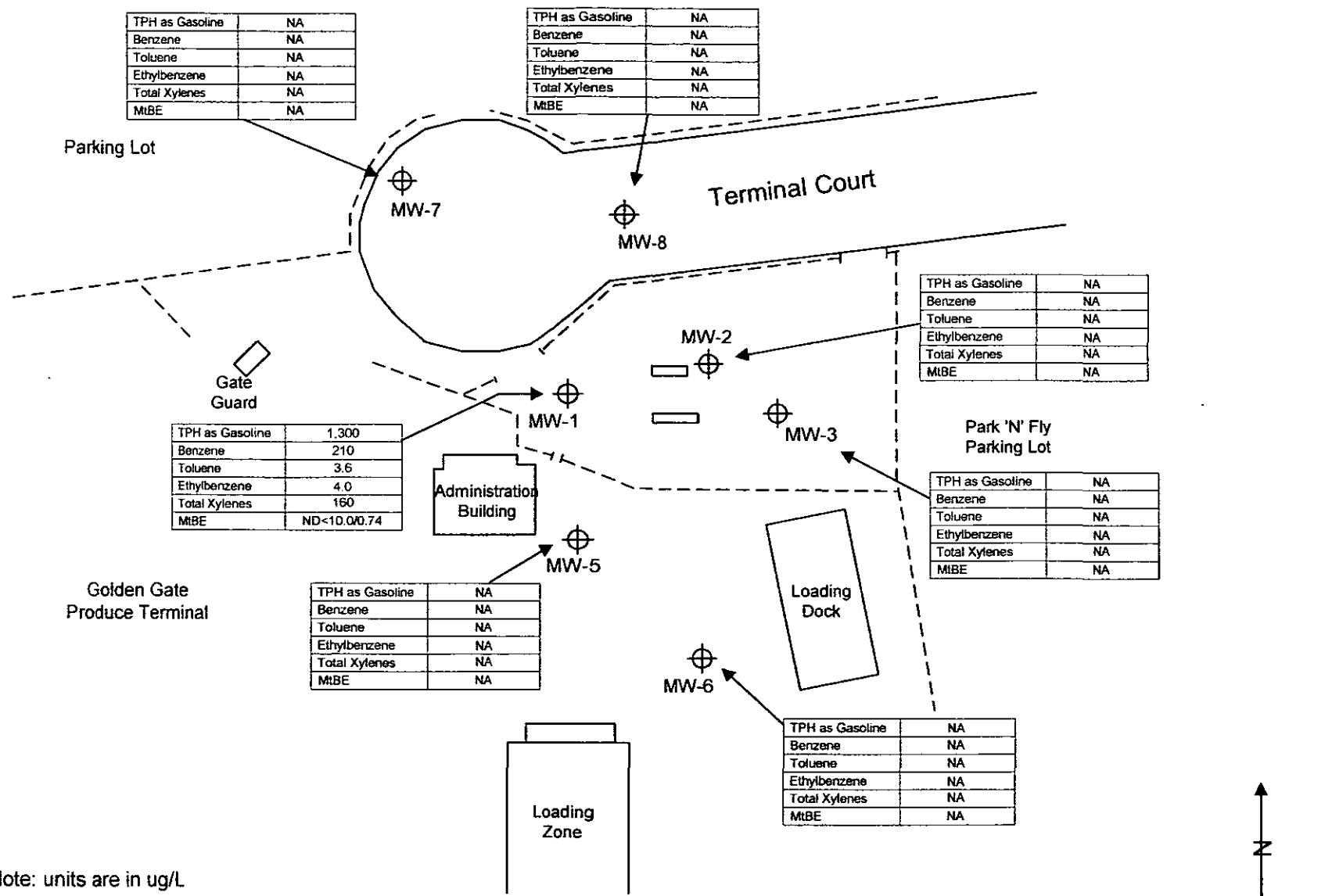
N

Scale: 1:12,000

Ecologics P.O. Box 1532 Soquel, CA 95073	**Topographic Location Map** **Olympian Cardlock Facility** 131 Terminal Court, South San Francisco, CA	**Figure 1**



Ecologics P.O. Box 1532 Soquel, CA 95073	**Groundwater Contour Map (12/9/04)** **Olympian Cardlock Facility** 131 Terminal Court, South San Francisco, CA	**Figure 2**



Ecologics P.O. Box 1532 Soquel, CA 95073	**Chemical Concentrations in Groundwater Map (12/9/04)** **Olympian Cardlock Facility** 131 Terminal Court, South San Francisco, CA	**Figure 3**

APPENDICES

APPENDIX A

Purge/Sampling Worksheets

GROUNDWATER MONITORING WELL PURGE/SAMPLING WORKSHEET

Project Name: Olympian JV
Project Number: 100-2.4
Address: 131 Terminal Court
South San Francisco
Reg. Agency: SMCo EHD
Other Req's.:
Well Number: MW-1
Date: 12/9/04
Well Lock Number:
Sampler(s):

Stagnant Volume Calculation	Well Casing Diameter (Inches)	Total Well Depth (ft.)	Initial Depth to Groundwater (ft.)	Stagnant Volume (gal.)
	4	15.4	0.38	9.9

Stagnant Volume Calculation

Well Casing Diameter (inches)	Linear Feet of Groundwater			X	Gallons per Linear Foot of Groundwater	=	Stagnant Volume (gal.)
2	Total Well Depth (ft.)	-	Depth to GW (ft.)		0.17	=	"
4	"		"		0.66	=	"
6	"		"		1.5	=	"

Groundwater Surface Inspection (baller check)

0 Floating Product (ft.) (in.)
no Sheen/Iridescence
Yes Odor
Remarks: Sample @ 6:20
Date:

Groundwater Purging

Purge Method Used

___ Stainless Steel Baller; ✓ Submersible Pump
Other: Pump set @ 10'

Purged Water Containment

1 gals stored in 1 55 gal drum(s)
Any previous drums? no Capacity ___

Stagnant Volumes Purged	Volume Purged (gal)	Time	Temp. of °C	pH	Conductivity umhos us	Color/Turbidity (other)
0	-0-	5:21	19.0	8.6	>2000	Grayish
1	10	5:26	17.2	8.0	1549	Clearing
2	~15	5:29	17.3	7.9	1560	well dry
3						
4						
5						
6						
7						
8						
9						
10						

Groundwater Sampling

Water Level Recovery

	Depth to GW (ft.)
(P) After purging	9.99
(I) Initially	0.38
(S) Before sampling	2.09

(P-S) / (P-I) x 100 = 82 % Total Recovery

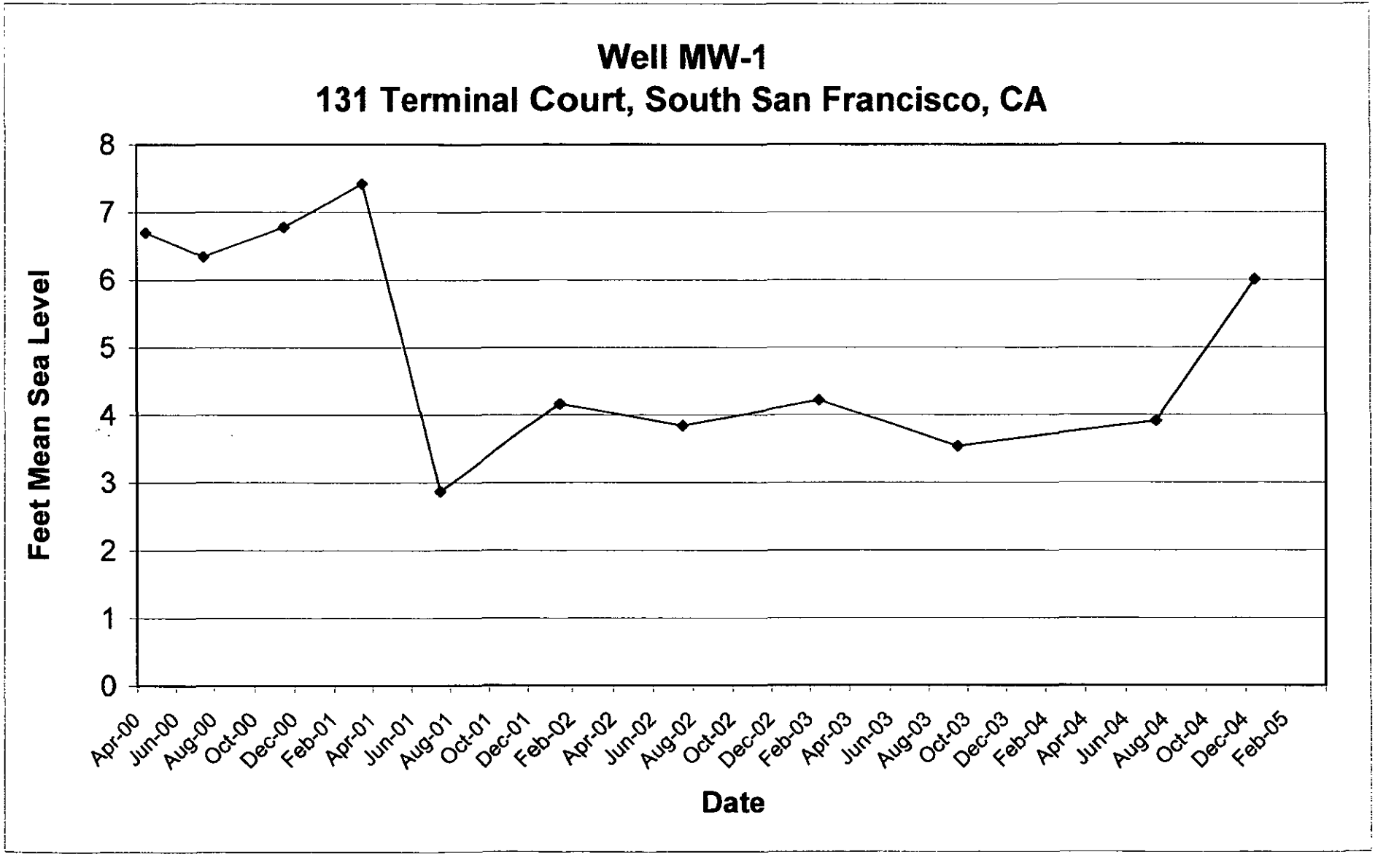
80% Recovery: S = P - 0.8 x (P-I)

Sample Containers

	How Many?	Preservatives?
1 liter, amber glass		
40 ml, VOA	4	HCL <2 pH
500 ml, polypropylene		

APPENDIX B

Hydrograph


Well MW-1
131 Terminal Court, South San Francisco, CA
Feet Mean Sea Level
0
1
2
3
4
5
6
7
8
Apr-00
Jun-00
Aug-00
Oct-00
Dec-00
Feb-01
Apr-01
Jun-01
Aug-01
Oct-01
Dec-01
Feb-02
Apr-02
Jun-02
Aug-02
Oct-02
Dec-02
Feb-03
Apr-03
Jun-03
Aug-03
Oct-03
Dec-03
Feb-04
Apr-04
Jun-04
Aug-04
Oct-04
Dec-04
Feb-05
Date

APPENDIX C

Certified Analytical Report

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

EcoLogics P.O. Box 1532 Soquel, CA 95073	Client Project ID: #100-2.4; Olympian, 131 Terminal Court	Date Sampled: 12/09/04
		Date Received: 12/10/04
	Client Contact: Roger Dockter	Date Reported: 12/17/04
	Client P.O.:	Date Completed: 12/17/04

WorkOrder: 0412243

December 17, 2004

Dear Roger:

Enclosed are:

1). the results of 1 analyzed sample from your **#100-2.4; Olympian, 131 Terminal Court project,**

2). a QC report for the above sample

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

EcoLogics	Client Project ID: #100-2.4; Olympian, 131 Terminal Court	Date Sampled: 12/09/04
P.O. Box 1532		Date Received: 12/10/04
Soquel, CA 95073	Client Contact: Roger Dockter	Date Extracted: 12/15/04
	Client P.O.:	Date Analyzed: 12/15/04

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0412243

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	1300,a	ND<10	210	3.6	4.0	160	2	93
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

EcoLogics P.O. Box 1532 Soquel, CA 95073	Client Project ID: #100-2.4; Olympian, 131 Terminal Court	Date Sampled: 12/09/04
		Date Received: 12/10/04
	Client Contact: Roger Dockter	Date Extracted: 12/14/04
	Client P.O.:	Date Analyzed: 12/14/04

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0412243

					Reporting Limit for DF =1	
Lab ID	0412243-001B					
Client ID	MW-1					
Matrix	W					
DF	1				S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND				NA	0.5
t-Butyl alcohol (TBA)	14				NA	5.0
1,2-Dibromoethane (EDB)	ND				NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND				NA	0.5
Diisopropyl ether (DIPE)	ND				NA	0.5
Ethanol	220				NA	50
Ethyl tert-butyl ether (ETBE)	ND				NA	0.5
Methanol	ND				NA	500
Methyl-t-butyl ether (MTBE)	0.74				NA	0.5
Surrogate Recoveries (%)						
%SS1:	92					
Comments						

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0412243 **ClientID: ECOL**

Report to:
Roger Dockter
EcoLogics
P.O. Box 1532
Soquel, CA 95073
TEL:
FAX: 831-476-9292
ProjectNo: #100-2.4; Olympian, 131 Terminal Court
PO:

Bill to:
Accounts Payable
EcoLogics
P.O. Box 1532
Soquel, CA 95073

Requested TAT: 5 days
Date Received: 12/10/2004
Date Printed: 12/10/2004

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0412243-001	MW-1	Water	12/9/04 6:20:00 PM	☐	B	A	A												

Test Legend:

1	9-OXYS_W	2	G-MBTEX_W	3	PREDF REPORT	4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Maria Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

071664

EcoLogics

(831) 476-7352 ◻ Fax (831) 476-9292
P.O. Box 1532, Soquel,CA 95073-1532

CHAIN-OF-CUSTODY RECORD

Project Number: 100-2.4
Project Name: Olympian, 131 Terminal Court

Send Report Attention of: Roger Dockter, EcoLogics, P.O. Box 1532, Soquel, CA 95073-1532 or E-mail to rh2odoc@aol.com

Sample Number	Date	Time	Comp.	Matrix	Station Location	Number of Containers	Type of Containers	Type of Analysis: TPH as gasoline (8015M) + BTEX & MTBE (8020)	TPH as diesel (8015M)	Priority Pollutant Metals (13 metals by ICAP or AA)	Oxygenates plus Ethanol, 1,2, DCA, EDB by (8260b)	Semi-Volatile Organics (8270c)			Turn around time	Condition of Samples	Preservative
MW-1	12/9/04	6:20		W	Monitoring Well MW-1	4	V	X			X				N		H,C

ICE/°
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB
PRESERVATION: VOAS | O&G | METALS | OTHER

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Roger Dockter	12/10/04 9:30A		12/10/04
	12/10 1050		12/10/04 1050
	12/10/04 2:00pm		

Instructions:
Please provide and EDF report: Global ID 0608126439
Reporting limit of Ethanol should be 300 ug/L or less.

Turn around time:
N = normal
24 = 24 hour
48 = 48 hour

Container type: V = 40 ml glass vial, 1L = 1 liter glass bottle, 500ML = 500 ml plastic bottle, T = metal tube (B = brass, SS = stainless steel, P = plastic)

Preservative: H = HCL, N = NO_3, C=4° C
Matrix: W = Water, S = Soil, A = Air, Wi = wipe

APPENDIX D

Historic Groundwater Data

TABLE 1
Summary of Groundwater Analytical Results
Olympian
131 Terminal Court
South San Francisco, CA

Sample ID	Date	DTW (ft)	GW Elev. (ft)	TPHg	TPHd	B	T	E	X	Fuel Additives	
				Concentrations in parts per billion (ppb)						MTBE	Others
MW-1	4/6/2000	2.19	6.70	1,400	260	350	18	12	110	5	NA
	7/28/2000	2.55	6.34	10,000	1,000	1,300	1,900	240	1,700	<0.5	ND
	11/2/2000	2.11	6.78	11,000	510**	1,200	1,800	230	1,600	<0.5	NA
	3/7/2001	1.47	7.42	17,000	2.1**	4,000	230	830	1,500	<0.5	ND
	7/13/2001	3.52	2.87	7,500	1,200**	1,300	750	310	810	<0.5*	ND
	1/23/2002	2.23	4.16	7,480	NA	2,990	82.5	470	901	3*	108 (TBA)
	7/19/2002	2.55	3.84	5,060	NA	1,070	172	2.8	733	3	104 (TBA)
	2/7/2003	2.17	4.22	8,260	NA	3,020	43.3	493	448	10	326 (TBA)
	9/17/2003	2.85	3.54	7,020	NA	1,250	241	112	1,250	<5	NA
	12/23/2003	0.90	5.49	6,250	NA	1,140	30.2	127	980	2.2	1 (DIPE)
	3/16/2004	**1.84**	**4.55**	**2,000**	**NA**	**408**	**2.6**	**30**	**101**	**<0.5***	**ND**
MW-2	4/6/2000	3.39	5.37	170	110	4	2	1	21	8	NA
	7/28/2000	3.53	5.23	860	400	150	22	11	100	3*	ND
	11/2/2000	4.03	4.73	940	240**	160	39	25	95	1	NA
	3/7/2001	5.16	3.60	570	0.1**	86	7	14	33	<0.5	ND
	7/13/2001	4.08	2.18	320	170	60	5	6	20	<0.5*	ND
	1/23/2002	3.51	2.75	483	NA	120	19.3	12.5	56.1	<0.5*	ND
	7/19/2002	2.87	3.39	391***	NA	<0.5	<0.5	<0.5	<1	6.1*	67 (TBA)
	2/7/2003	2.77	3.49	482	NA	43.1	1.7	9	60.2	8	ND
	9/17/2003	2.98	3.28	689	NA	87.9	1.7	13.7	85.2	8.3*	87 (TBA)
	12/23/2003	2.68	3.58	**********	**********	**********	Well not sampled	**********	**********	**********	**********
	3/16/2004	**2.54**	**3.72**	**763**	**NA**	**97.5**	**1.3**	**9.9**	**72.9**	**14.3***	**50 (TBA)**
MW-3	4/6/2000	2.95	6.15	690	<50	1	6	5	32	4	NA
	7/28/2000	3.27	5.83	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND
	11/2/2000	3.24	5.86	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	NA
	3/7/2001	2.13	6.97	<50	<50	0.8	<0.5	<0.5	<1	<0.5	ND
	7/13/2001	3.25	3.33	NA	NA	NA	NA	NA	NA	NA	NA
	1/23/2002	3.02	3.56	59	NA	0.6	<0.5	<0.5	<1	<0.5*	ND
	7/19/2002	3.16	3.42	<50	NA	<0.5	<0.5	<0.5	<1	<0.5*	ND
	2/7/2003	2.90	3.68	<50	NA	1.1	<0.5	<0.5	<1	<0.5	NA
	9/17/2003	—	—	**********	**********	**********	Well not sampled	**********	**********	**********	**********
	12/23/2003	2.38	4.20	**********	**********	**********	Well not sampled	**********	**********	**********	**********
	3/16/2004	**2.60**	**3.98**	**67**	**NA**	**<0.5**	**<0.5**	**<0.5**	**<1**	**<0.5**	**NA**
MW-4	4/6/2000	3.03	6.21	110	<50	52	35	4	22	3	NA
	7/28/2000	3.35	5.89	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND
	11/2/2000	3.27	5.97	<50	<50	<0.5	<0.5	<0.5	<1	2	NA
	3/7/2001	2.61	6.63	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND
	7/13/2001	3.37	3.38	NA	NA	NA	NA	NA	NA	NA	NA
	1/23/2002	3.19	3.56	<50	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND
	7/19/2002	3.31	3.44	<50	NA	<0.5	<0.5	<0.5	<1	4.5*	ND
	2/7/2003	—	—	**********	**********	**********	Well not sampled	**********	**********	**********	**********
	9/17/2003	—	—	**********	**********	**********	Well not sampled	**********	**********	**********	**********
	12/23/2003	—	—	**********	**********	**********	Well destroyed	**********	**********	**********	**********
MW-5	4/6/2000	2.68	6.24	<50	<50	8	1	0.6	1	19*	NA
	7/28/2000	2.93	5.99	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND
	11/2/2000	2.91	6.01	<50	<50	<0.5	<0.5	<0.5	<1	6*	NA
	3/7/2001	2.40	6.52	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND
	7/13/2001	2.94	3.47	NA	NA	NA	NA	NA	NA	NA	NA
	1/23/2002	2.77	3.64	<50	NA	0.9	0.6	<0.5	<1	<0.5*	ND
	7/19/2002	2.89	3.52	<50	NA	<0.5	<0.5	<0.5	<1	<0.5*	ND
	2/7/2003	2.65	3.76	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	NA
	9/17/2003	—	—	**********	**********	**********	Well not sampled	**********	**********	**********	**********
	12/23/2003	2.48	3.93	**********	**********	**********	Well not sampled	**********	**********	**********	**********
	3/16/2004	**2.75**	**3.66**	**<50**	**NA**	**<0.5**	**<0.5**	**<0.5**	**<1**	**6.8***	**ND**
MW-6	7/13/2001	2.85	3.37	<50	<50	<0.5	<0.5	<0.5	<1	10*	ND
	1/23/2002	2.70	3.52	<50	NA	<0.5	<0.5	<0.5	<1	23*	ND
	7/19/2002	2.76	3.46	<50	NA	<0.5	<0.5	<0.5	<1	7*	ND

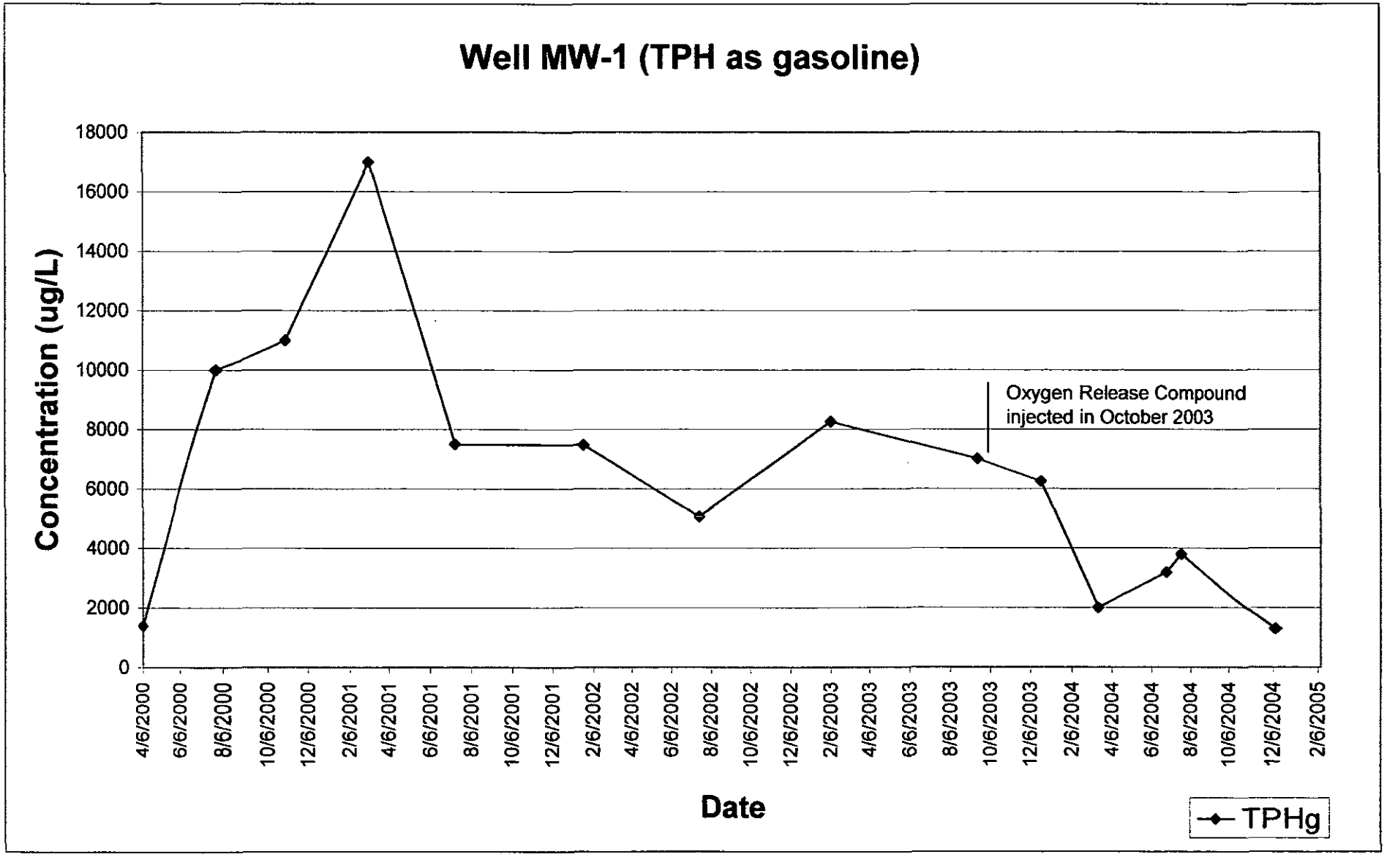
TABLE 1
Summary of Groundwater Analytical Results
Olympian
131 Terminal Court
South San Francisco, CA

Sample ID	Date	DTW (ft)	GW Elev. (ft)	TPHg	TPHd	B	T	E	X	Fuel Additives	
				Concentrations in parts per billion (ppb)						MTBE	Others
MW-6	2/7/2003	2.57	3.65	<50	NA	<0.5	<0.5	<0.5	<1	14	ND
(cont'd)	9/17/2003	---	---	**********			Well not sampled			**********	
	12/23/2003	2.25	3.97	**********			Well not sampled			**********	
	3/16/2004	**2.35**	**3.87**	**<50**	**NA**	**<0.5**	**<0.5**	**<0.5**	**<1**	**7.4***	**ND**
MW-7	7/13/2001	2.65	3.48	<50	80	<0.5	<0.5	<0.5	<1	<0.5*	ND
	1/23/2002	1.74	3.73	<50	NA	<0.5	<0.5	<0.5	<1	<0.5*	ND
	7/19/2002	1.75	3.72	98	NA	6.3	2.8	1.7	6.8	<0.5*	ND
	2/7/2003	1.62	3.85	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	NA
	9/17/2003	1.91	3.56	<50	NA	<0.5	<0.5	<0.5	<1	<0.5*	ND
	12/23/2003	0.70	4.77	**********			Well not sampled			**********	
	3/16/2004	**1.33**	**4.14**	**<50**	**NA**	**<0.5**	**<0.5**	**<0.5**	**<1**	**<0.5**	**NA**
MW-8	7/13/2001	1.99	2.29	<50	700	<0.5	<0.5	<0.5	<1	<0.5*	ND
	1/23/2002	2.31	2.63	<50	NA	<0.5	<0.5	<0.5	<1	<0.5*	ND
	7/19/2002	2.36	2.58	<50	NA	<0.5	<0.5	<0.5	<1	<0.5*	ND
	2/7/2003	2.27	2.67	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	NA
	9/17/2003	2.52	2.42	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	NA
	12/23/2003	1.30	3.64	**********			Well not sampled			**********	
	3/16/2004	**1.95**	**2.99**	**<50**	**NA**	**<0.5**	**<0.5**	**<0.5**	**<1**	**3.2***	**ND**

Notes:
TPHg = Total petroleum hydrocarbons as gasoline (EPA Method 8015)
BTEX = Benzene, Toluene, Ethylbenzene, Xylenes (EPA Method 8020, EPA method during the 10/7/02 sampling event)
MTBE = Methyl-tert-butyl ether (MTBE) (EPA Method 8020)
Fuel additives = Methyl tert butyl ether (MTBE), ethyl tert-butyl ether (ETBE), tert-Amyl methyl ether (TAME), Di-isopropyl ether (DIPE), tert-Butyl Alcohol (TBA), 1,2-Dichloroethane (1,2-DCA) and 1,2-Dibromoethane (1,2-EDB) (EPA Method 8260)
* = MTBE confirmed by EPA Method 8260
** = does not match typical diesel
*** = Hydrocarbon response in gasoline range but does not resemble gas
<X = Concentration less than laboratory reporting limits
NA = not analyzed
Total Dissolved Solids (TDS) analyzed for MW-3 on 7/13/01 showed concentration of 19,524 ppm.
--- = Not available

APPENDIX E

Time Trend Plots


Well MW-1 (TPH as gasoline)
Concentration (ug/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Oxygen Release Compound injected in October 2003
4/6/2000
6/6/2000
8/6/2000
10/6/2000
12/6/2000
2/6/2001
4/6/2001
6/6/2001
8/6/2001
10/6/2001
12/6/2001
2/6/2002
4/6/2002
6/6/2002
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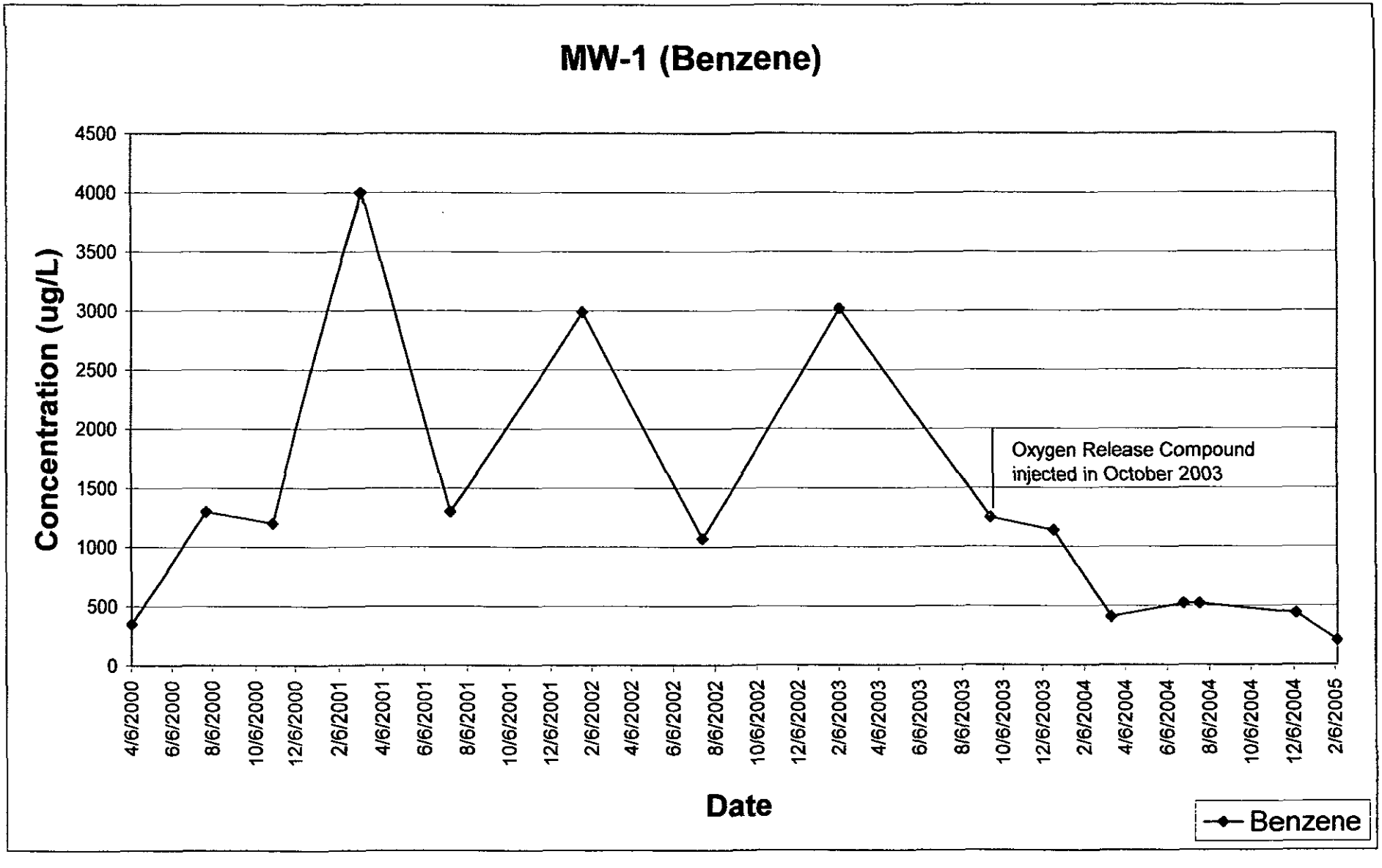
6/6/2003
8/6/2003
10/6/2003
12/6/2003
2/6/2004
4/6/2004
6/6/2004
8/6/2004
10/6/2004
12/6/2004
2/6/2005
Date
TPHg


MW-1 (Benzene)
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Oxygen Release Compound injected in October 2003
4/6/2000
6/6/2000
8/6/2000
10/6/2000
12/6/2000
2/6/2001
4/6/2001
6/6/2001
8/6/2001
10/6/2001
12/6/2001
2/6/2002
4/6/2002
6/6/2002
8/6/2002
10/6/2002
12/6/2002
2/6/2003
4/6/2003
6/6/2003
8/6/2003
10/6/2003
12/6/2003
2/6/2004
4/6/2004
6/6/2004
8/6/2004
10/6/2004
12/6/2004
2/6/2005
Date
Benzene

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

UNDERGROUND STORAGE TANK INSPECTION REPORT

San Mateo County Environmental Health Division
Certified Unified Program Agency (CUPA)
2000 Alameda de las Pulgas, Suite 100, San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244

Inspector Name: D. Cullen Date: 4/24/12
State Board Certification: 802 0727-UI

Facility Name: Produce Market Redwood (Flyers #214)				Tank: 3 (P) S			Tank: 2 (E) P S			Tank: 1 (W) P S			Tank: P S G
Facility Address: 131 Terminal Court				DW SW FG ST			DW SW FG ST			DW SW FG ST			DW SW FG ST
City: SSF Zip Code: 94080				Pipe: DW SW			Pipe: DW SW			Pipe: DW SW			Pipe: DW SW
Owner(s) Name: Flyers				FLEX FG ST			FLEX FG ST			FLEX FG ST			FLEX FG ST
Operator Name: Flyers				Size: 6,000			Size: 10,000			Size: 10,000			Size:
Consent to Inspect: Matt Walling MW Initial				Prod: UNL			Prod: Diesel			Prod: Diesel			Prod:
Facility Phone Number: (530) 885-0401				In compliance, meets requirements									
	RECORDKEEPING COMPLIANCE	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
2711 (a)	Facility and Tank Pages(s), current	X			X			X					
2711 (a)	Statement of Financial Responsibility, current	X			X			X					
2712 (b)	Approved written monitoring plan, current	X			X			X					
2712 (c)	Final operating permit issued	X			X			X					
2632 (d)	Approved release response plan, current	X			X			X					
2620 (b)	Written contract between owner and operator			X			X			X			
	SYSTEM LEAK DETECTION and MONITORING												
25290.1(d)(e)	Doublewall: ☐Dry ☐Hydro ☐Press ☐Vac			X			X			X			
2643.1	Tank(s) integrity test			X			X			X			
2643 (b)	Singlewall: ☒CSLD ☒ATG ☐SIR ☐Other	X			X			X					
2636 (f)(2)	LLD: ☒Electronic ☐Mechanical	X			X			X					
2636 (f)(5)	Continuous piping monitoring in sumps: ☒FS/PS ☐Other	X			X			X					
2638(a)	Annual maintenance of leak detection equipment	X			X			X					
2636(f)2643(c)	Pressurized piping tests: ☐ 0.1annual ☒ 0.2 monthly												
25290.1(e)	Piping Monitoring: ☐Vac ☐Press ☐Hydro ☒Dry	X			X			X					
25292.1(a)	Sumps dry/clean, monitor: ☐V ☐P ☐H	X			X			X					
2636 (f)(1)	Sump sensors: ☒PS ☐AVA Diesel Direct Buoy	X			X			X					
2636 (g)(1)	UDC with Leak Detection, monitor: ☐V ☐P ☐H	X			X			X					
2636 (f)(1)	UDC sensors: ☐PS ☒AVA ☒SPF 1 sensor 2 Floats	X			X			X					
	TESTS and REPORTS												
2635 (a)(A)	CP: Inspected every 60 days, tested every 36 months			X			X			X			
2643 (d)(e)	Suction test: Every 3 years			X			X			X			
2643 (g)	Testing reports received within 30 days	X			X			X					
2638 (a)	Monitoring panel operational	X			X			X					
2715 (a-c)	Designated Operator: notice and monthly reports	X			X			X					
2661/2662	Permitted repairs or upgrades			X			X			X			
2635 (b)	Overspill/Overfill: ☒Highlevel 95% ☐Flapper ☐Ballfloat	X			X			X					
25291(c)	Annual spill bucket test: ☐Vac ☒Hydro	X			X			X					
25299 (a)(9)	Leak detection equipment in order	X			X			X					
25299 (a)(3)	Documents and Records in order	X			X			X					
2637 (a)(b)	Secondary containment testing every 36 months	X			X			X					
25294	Recorded Release 2/19/12			X			X			X			
25295	Reported Release			X			X			X			

Comments: positive shutdown on UNL STP & Dispenser #3 only

UST system compliant, No violations observed

Signature: Matt Walling Date: 4/24/12

Service Station Systems, Inc.

Compliance Dept.
680 Quinn Ave.
San Jose, CA 95112
408-971-2445 - Office
408-938-8888 - Fax

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
APR 12 2012
RECEIVED

FAX TRANSMITTAL

April 12, 2012

TO: UST Inspectors

COMPANY: San Mateo Co. Env. Health

FAX NO: (650) 627-8244

NUMBER OF PAGES INCLUDING COVER SHEET: 1

MESSAGE: Test Notification

Service Station Systems, Inc will be at the following location to perform an annual monitor certification and spill bucket testing;

4/24/12
~~4/25/12~~ @ 9:00 AM
Flyers – 131 Terminal Ct, S. San Francisco

If you have any questions or need any further information please feel free to contact me at (408) 938-7116.

Thank you,

Theresa Gallego
Service Station Systems, Inc

Darrell Cullen - Flyers #412-131 Terminal Court, SSF

From: "Amanda Appelt"
To: "Darrell Cullen"
Date: 8/14/2012 12:04 PM
Subject: Flyers #412-131 Terminal Court, SSF
Attachments:

Darrell,
This email is written to address the deficencies noted in your inspection report dated 4/24/2012. Attached is the hazardous waste manifest for the drum that you requested be picked up. Also, we will not be constructing anything to protect the drums. The site will be closing down in September and will no longer be a gas station. Currently there should not be any drums onsite, if we do end up another drum it will be picked up.
Please let me know if you have any questions.
Thanks

Amanda Appelt
Environmental Manager

2360 Lindbergh Street
Auburn, CA 95602
530-885-0401 ext 2103
530-888-7351
Click Here For a short movie about our fuel card program.

THIS MESSAGE IS CONFIDENTIAL.
This e-mail message and any attachments are proprietary and confidential information intended only for the use of the recipient(s) named abo
If you are not the intended recipient, you may not print, distribute, or copy this message or any attachments.
If you have received this communication in error, please notify the sender by return e-mail and delete this message and any attachments from

CA HEALTH & SAFETY CODE: 25280-25299.8

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 12- 2186

PE: 2390 UST/TANK ABANDONMENT/REMOVAL FEE

FACILITY: PRODUCE MARKET KEYLOCK
131 TERMINAL CT., SSF

OWNER: FLYERS ENERGY LLC
2360 LINDBERGH ST
AUBURN

FA0017708
SR0010462
AMOUNT PAID: $ 2,335.00

CONTRACTOR:
MUSCO EXCAVATORS INC
2526 ALONDRA BLVD
GARDENA

TERMS & CONDITIONS:
TANK(S)REMOVAL
CC: FIRE/BLDG. - SO SAN FRANCISCO

DARRELL CULLEN

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 9/4/2012

EXPIRATION DATE: 3/4/2013

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

Date run : 9/4/2012 9:01:37AM
Run by :

Report #: 5018
Page #: 1

Record Selection Criteria: Facility ID FA0017708
permit expiration date

Make changes/corrections in RED ink or pencil.
INFORMATION CHANGE (date) : _____
OWNERSHIP CHANGE (date) : _____

OWNER FILE INFORMATION

Owner ID: OW0028894
Permit & Owner Name: **FLYERS ENERGY LLC**
Owner DBA: FLYERS ENERGY LLC
Owner Address: 2360 LINDBERGH ST
AUBURN, CA 95602
Home Phone: 530-885-0401
Work/Business Phone: 530-885-5851

Mailing Address: 2360 LINDBERGH ST
AUBURN, CA 95602
Care of: FLYERS ENERGY LLC-AMANDA APPEL

New Owner ID : _____

FACILITY FILE INFORMATION

Facility ID: FA0017708
CERS ID: 10066138
Facility Name: PRODUCE MARKET KEYLOCK
Location: 131 TERMINAL CT
S SAN FRANCISCO, CA 94080
EPA ID: CAL000267875
Phone: 650-873-8208
Mailing Address: 2360 LINDBERGH ST
AUBURN, CA 95602
Care of: NELLA OIL COMPANY

SL0010462

ACCOUNTS RECEIVABLE FILE INFORMATION

Account ID: AR0034250
Invoice c/o Name: FLYERS ENERGY LLC-AMANDA APPEL
Permit and Invoice Mail to: **2360 LINDBERGH ST**
AUBURN CA 95602

New Account ID: _____
Mail Invoices to: Owner / Facility / Account
(Circle One)

Anniversary Date: 9/1/2002 Permit Expiration: 6/1/2013

Program/Element and Description	Record ID	Employee ID and Name	Status	UST(s) Linked
2300 - UNDERGROUND TANK - GENERAL	PR0022600	EE0003138 - DARRELL CULLEN	01 Active	3
Emergency Notification	DOUG WEIDNER		MAINT. SUPERVISOR	
650-873-8208	Ext. 510		Email: 922	
2160 - STORES MV FUELS OR WASTE ONLY	PR0023542	EE0003138 - DARRELL CULLEN	01 Active	
Emergency Notification	DOUG WEIDNER		MAINT. SUPERVISOR	
650-873-8208	Ext. 510		Email: 922	
6000 - CUPA OVERSIGHT/STATE SURCHARGE	PR0030624	EE0003138 - DARRELL CULLEN	01 Active	
Emergency Notification	DOUG WEIDNER		MAINT. SUPERVISOR	
650-873-8208	Ext. 510		Email: 922	
6097 - 1997 RETROACTIVE STATE CUPA SURCHA	PR0035660	EE0003138 - DARRELL CULLEN	02 Inactive	
Emergency Notification	DOUG WEIDNER		MAINT. SUPERVISOR	
650-873-8208	Ext. 510		Email: 922	
6230 - STATE UGT SURCHARGE	PR0038903	EE0003138 - DARRELL CULLEN	01 Active	
Emergency Notification	DOUG WEIDNER		MAINT. SUPERVISOR	
650-873-8208	Ext. 510		Email: 922	

Make changes/corrections in RED ink or pencil.
INFORMATION CHANGE (date) : _____
OWNERSHIP CHANGE (date) : _____

OWNER FILE INFORMATION

Owner ID: OW0028894
Permit & Owner Name: **FLYERS ENERGY LLC**
Owner DBA: FLYERS ENERGY LLC
Owner Address: 2360 LINDBERGH ST
AUBURN, CA 95602
Home Phone: 530-885-0401
Work/Business Phone: 530-885-5851
Mailing Address: 2360 LINDBERGH ST
AUBURN, CA 95602
Care of: FLYERS ENERGY LLC-AMANDA APPEL

New Owner ID : _____

FACILITY FILE INFORMATION

Facility ID: FA0017708
CERS ID: 10066138
Facility Name: PRODUCE MARKET KEYLOCK
Location 131 TERMINAL CT
: S SAN FRANCISCO, CA 94080
EPA ID: CAL000267875
Phone: 650-873-8208
Mailing Address 2360 LINDBERGH ST
: AUBURN, CA 95602
Care of NELLA OIL COMPANY

ACCOUNTS RECEIVABLE FILE INFORMATION

Account ID: AR0034250
Invoice c/o Name: FLYERS ENERGY LLC-AMANDA APPEL
Permit and Invoice Mail to: **2360 LINDBERGH ST**
AUBURN CA 95602
Anniversary Date: 9/1/2002 Permit Expiration: 6/1/2013

New Account ID: _____
Mail Invoices to: Owner / Facility / Account
(Circle One)

Program/Element and Description	Record ID	Employee ID and Name	Status	UST(s) Linked
2225 - GENERATES <27 GAL/YEAR	PR0044803	EE0003138 - DARRELL CULLEN	01 Active	
Emergency Notification DOUG WEIDNER			MAINT. SUPERVISOR	
650-873-8208 Ext. 510			Email: 922	
6020 - STATE ELECTRONIC REPORTING SURCHA	PR0058350	EE0003138 - DARRELL CULLEN	02 Inactive	
Emergency Notification DOUG WEIDNER			MAINT. SUPERVISOR	
650-873-8208 Ext. 510			Email: 922	

Amf 2335.00

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

PAID
CK. NO. 8936
DATE 8-29-12

San Mateo County Environmental Health Division
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403
(650) 372-6200

Date Received: 8/29/12
Date of Approval:
Approved By:
Title:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
AUG 29 2012
RECEIVED

UNDERGROUND STORAGE TANK SYSTEM CLOSURE PERMIT APPLICATION

FACILITY INFORMATION

Facility/Residence Name FLYERS #412 Business type GAS STATION
Site Address 131 TERMINAL COURT City SOUTH SAN FRANCISCO Zip 94080
Contact Person AMANDA APPELT Title ENVIRONMENTAL MANAGER Phone 530-885-0401
E-Mail AMANDAA@4FLYERS.COM CellPhone 530-885-0401
Owner, Agency, or Corporation Name FLYERS ENERGY, LLC Phone 530-885-0401
Mailing Address 2360 LINDBERGH STREET City AUBURN State CA Zip 95602
EPA ID Number CAL000267875
Note: Include "Proof of Financial Responsibility"

CONTRACTOR REMOVING TANK(S) AND PIPING:

Contractor MUSCO EXCAVATORS, INC.
Contact Person ALISON MUSCO Phone 707-579-0250
Business Address 2526 GREENVALE COURT City SANTA ROSA Zip 95401
State Contractors License 634117
Note: Attach a copy of Contractors License, Hazardous Materials Certification, and Workers Compensation

HAZARDOUS WASTE HAULERS:

Hazardous Waste Hauler, Tank(s) ADAMS SERVICES EPA ID # CAR000189431
Business Address 406 E. ALONDRA BLVD. City GARDENA
Contact RYDER ADAMS Phone 310-523-4430
Tank/s and piping destination SIMENS WATER TECHNOLOGIES GROUP, 5375 S. BOYLE AVE., LOS ANGELES
Hazardous Waste Hauler (Rinsate) ADAMS SERVICES EPA ID# CAR000189431
Business address 406 E. ALONDRA BLVD. City GARDENA
Contact RYDER ADAMS Phone 310-523-4430

SAMPLE COLLECTION AND ANALYSIS:

Soil/Water Analysis Lab KIFF ANALYTICAL LLC
State Certification Number 08263CA Contact TROY TURPEN Phone 530-297-4800
Business Address 2795 SECOND STREET, SUITE 300 City DAVIS Zip 95618

TANK(S) INFORMATION

TANK SYSTEM: SIZE (GALLONS)	TANK CONSTRUCTION	SUBSTANCES(S) PREVIOUSLY CONTAINED
TANK 1 10,000	SINGLE WALL GLASS	DIESEL
TANK 2 10,000	SINGLE WALL GLASS	DIESEL
TANK 3 10,000	SINGLE WALL GLASS	GAS
TANK 4		

"PROCEDURES TO CLOSE UNDERGROUND STORAGE TANK(S) SYSTEMS"

1) Submit to the San Mateo County Environmental Health Services Division (Division) a completed "Underground Storage Tank System Closure Permit Application." Prepare State Water Resources Control Board Facility and Tank Pages. These forms are available from the Division or you may download the forms by logging on to www.unidocs.org.
   - Include a complete **"Tank Page"** for each tank to be closed.
   - Include a complete **"Facility Page"** (**if**) tank to be closed is agriculture, home heating oil, or non-regulated.
   - Include "Proof of Financial Responsibility"

2) Include with the submitted application the designated fee, workmen's compensation insurance verification, and plot plan drawing. The drawing consists of an aerial view of the facility which shows the tank(s) location and the following information:
   - Scale
   - North Arrow
   - Property Line
   - Location of structures near the tank(s)
   - Location of relevant existing equipment (including the tank(s) to be removed), associated piping, and fuel dispensers
   - Area Roadways

3) The Division must be notified a minimum of three (3) days prior to commencement of work in order to schedule a removal inspection. The removal inspection appointment **must be confirmed with the district inspector**. A representative of the Division must be present at the time of removal.

4) Site safety plan must be available for review at job site. All underground utilities must be identified. Be aware, the California Government Code (CGC), Section 4216 requires contractors to contact USA North (**1-800-277-2600**) two days prior to excavation work.

5) Contact the local fire and building agency for their policy regarding closure of underground storage tanks. It is the contractor's responsibility to notify and coordinate the closure with the local fire agency.

6) It must be demonstrated to a representative of the Division that residual product and any associated waste (i.e. sludge) have been removed from the interior of the tank(s) prior to purging. Documentation of proper disposal of residual product and associated waste using a Uniform Hazardous Waste Manifest (UHWM) must be submitted to the Division within thirty (30) working days following removal of the tank(s).

7) It must be demonstrated to a representative of the Division that the tank(s) explosive atmospheres have been adequately purged and that an explosive risk does not exists at the time of removal. **10% of Lower Explosive Limit [% LEL] or 5% oxygen**.

8) Underground tank(s) and associated piping removed from excavations must be shipped under UHWM to a permitted treatment, storage and disposal (TSD) facility or Class I landfill. Underground tanks may be cleaned using a high-pressure washer to reduce the % LEL. However, the high-pressure washing process does not render the tank(s) non-hazardous; and the tank(s) must be transported off-site under a Uniform Hazardous Waste Manifest. Any piping associated with the tank(s) which are to remain underground must be flushed of all residual product and capped or sealed to the satisfaction of the Division. Copies of all UHWM must be submitted to the Division within thirty (30) working days following removal of the tank(s).

9) To determine the extent of any contamination, soil and/or water samples must be collected form the excavation pit after the tank(s) are removed. Soil samples must also be taken every twenty (20) feet along piping runs at the interface of backfill material and native soil. Soil samples must be collected from the excavation stockpile (approximately one discrete sample per twenty (20) cubic yards). The samples must be collected by a qualified, independent third party. All samples shall be protected against contamination and/or degradation during their collection, transport, and analysis. Submit to the Division, within thirty (30) days following removal of the tank(s), a written sample analysis report, which includes chain of custody documentation, sample location map, and depth to sample measurements. The reports analysis results

and conclusions are subject to critical review; and the report must be approved by the Division to be recognized as valid.

10) A groundwater investigation will be required if any of the following conditions exist or if a representative of the Division deems one necessary to assure that the public health and safety is protected:
    - Soil contamination concentrations exceeding 100 PPM total petroleum hydrocarbons (TPH) or total oil and grease (TOG) within two feet of native soil beneath the tank.
    - Detectable concentrations of petroleum hydrocarbon are found in soil at or below the seasonable high groundwater level.
    - Detectable levels of any petroleum hydrocarbon in soil below the tank and the soil contains layers of sand, gravel and/or other high permeability material.
    - Groundwater in excavation pit has detectable levels of any petroleum hydrocarbon. (pit may be pumped and allowed to recharge).
    - Site has history of leaks or tanks are in poor condition upon removal.

11) Transported tanks must have all openings sealed, except for opening atop the tank fitted for ventilation with "T" or other device which will preclude rain entering a stored tank.

12) An additional hourly fee will be charged for inspection time exceeding four (4) hours.

The listed items are general closure requirements, modifications may be necessary in certain situations. A deficient application or incomplete information will only cause a delay in the permit process, if you have questions or need assistance call the Division at (650) 363- 4305. The Underground Tank Closure Permit expires 90 days from the approval date. If the tanks have not been closed within 90 days, a new closure permit application and fees are required. The closure must be scheduled 72 hours in advance.

Applicant Declaration:

I certify the application information is correct and factual. I declare that I have read and will follow the "Procedures to Close Underground Storage Tank(s) Systems." I further agree to comply with all applicable San Mateo County Ordinances; Health and Safety Code Chapter 6.7; Title 23,California Code of Regulation; and Title 22,California Code of Regulations.

Applicant ALISON MUSCO (Print) Applicant Alison Musco (Signature) Date 8/27/2012

"This box for Division use only"

Comments

Inspectors Signature Approval Date

FLYERS 2360 Lindbergh Street, Auburn, CA 95602 (530) 885-0401 fax (530) 885-5851 www.4flyers.com

October 7, 2011

San Mateo County
Environmental Health Services Division
Health Services Agency
2000 Alameda De Las Pulgas, Suite 100
San Mateo, CA 94403

Re: Current Financial Responsibility for site #'s 213, 215, 216, 219, 270, 411, 412 & 489
Please see attached facility address list.

Dear Sir or Madam:

I am the chief financial officer of Flyers Energy LLC, 2360 Lindbergh Street, Auburn, CA 95602. This letter is in support of the use of the Underground Storage Tank Cleanup Fund and the financial test of self-insurance to demonstrate financial responsibility for taking corrective action and/or compensating third parties for bodily injury and property damage caused by sudden accidental releases and/or non-sudden accidental releases in the amount of at least $1,000,000 (One Million Dollars) per occurrence and $2,000,000 (2 Million Dollars) annual aggregate arising from operating underground storage tanks.

This financial test or a financial test under an authorized State program assures underground storage tanks at the following facilities by this owner. (See attached list)

A financial test is also used by this owner to demonstrate evidence of financial responsibility in the following amounts under other EPA Regulations or state programs authorized by EPA under 40 CFR parts 271 and 145:

EPA Regulations	Amount
Closure (§§ 264.143 and 265.143)	$ 0
Post Closure Care (§§ 264.145 and 265.145)	$ 0
Liability Coverage (§§ 264.147 and 265.147)	$ 0
Corrective Action (§§ 264.10(b))	$ 0
Plugging and Abandonment (§§ 144.63)	$ 0
Total	$ 0

This owner has not received an adverse opinion, a disclaimer of opinion, or a "going concern" qualification from an independent auditor on his financial statements for the latest completed fiscal year.

1. Amount of annual UST aggregate coverage being assured by a financial test..... $1,005,000

2. Amount of corrective action, closure and post closure care costs, liability coverage, and plugging and abandonment cost covered by a financial test ..... $ 0

3. Sum of lines 1 and 2..... $1,005,000

4. Total tangible assets $235,437,066

5.Total liabilities $169,455,371

6.Tangible net worth $65,981,695

Is line 6 at least 10 million? ..... Yes
Is line 6 at least 10 times line 3? ..... Yes
Have financial statements for the latest fiscal year been filed with the Securities and Exchange Commission? ..... No
Have financial statements for the latest fiscal year been filed with the Energy Information Administration? ..... No
Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration? ..... No
Has financial information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A or 5A? (Answer "yes" only if both criteria have been met.) ..... Yes

I hereby certify that the wording of this letter is identical to the wording specified in 40 CFR Part 280.95(d) as such regulations were constituted on the date shown immediately below.

Respectfully,

Thomas A. Dwelle
Chief Financial Officer

State of California
State of Water Resources Control Board
Division of Clean Water Programs
P.O. Box 944212
Sacramento, CA 94244-2120

(Instructions on reverse side)

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the Required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

☐ 500,000 dollars per occurrence
or
☒ 1 million dollars per occurrence

AND

☐ 1 million dollars annual aggregate
or
☒ 2 million dollars annual aggregate

B. *Flyers Energy, LLC* *hereby certifies that it is in compliance with the requirements of Section 2807,*
(Name of Tank Owner or Operator)
Article 3, Chapter 18, Division 3, Title 23, California Code of Regulations.
The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Comp
State UST Fund	STATE WATER RESOURCES CONTROL BOARD	N/A FOR UST CLEANUP FUND	$995,000 PER OCCURRENCE AND ANNUAL AGGREGATE	Continuous	YES	YES
CHIEF FINANCIAL OFFICER LETTER	Flyers Energy, LLC 2360 Lindbergh Street AUBURN, CA 95602	N/A	$5,000 PER OCCURRENCE	ANNUAL	YES	YES

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
See Attached List	See Attached List
Facility Name	Facility Address
Facility Name	Facility Address
E. Signature of Tank Owner or Operator — Date: 10/6/11	Name and Title of Tank Owner or Operator: T.A. DWELLE, GENERAL PARTNER
Signture of Witness or Notary: Amanda Appelt — Date: 10/6/11	Amanda Appelt

CFR (Revised 04/95) FILE: Original - Local Agency Copies - Facility/Site(s)

FLYERS FACILITY ADDRESSES

Nella Company HQ
2349 Rickenbacker Way
Auburn, CA 95602
Placer County

#4 Flyers
2280 Drive Inn Way
Auburn, CA 95603
Placer County

#5 Flyers
13461 Bowman Rd.
Auburn, CA 95603
Placer County

#22 Flyers
13778 Mono Way
Sonora, CA 95370
Tuolumne County

#23 Flyers
2180 Merced Street
San Leandro, CA 94577
Alameda County

#24 Flyers
2600 Arden Way
Sacramento, CA 95825
Sacramento County

#28 Flyers
4444 Central Place
Fairfield, CA 94533
Solano County

#29 Flyers
14880 E. 14th Street
San Leandro, CA 94578
Alameda County

#31 Flyers
12008 Plaza Drive
Grass Valley, CA 95945
Nevada County

#41 Flyers
12001 Nevada City Hwy
Grass Valley, CA 95945
Nevada County

#42 Flyers
519 Placerville Drive
Placerville, CA 95667
El Dorado County

#45 Flyers
5734 Clark Rd.
Paradise, CA 95969
Butte County

#46 Flyers
2402 Cohasset Rd.
Chico, CA 95926
Butte County

#50 Flyers
2501 Notre Dame
Chico, CA 95926
Butte County

#51 Flyers
601 Newcastle Rd.
Newcastle, CA 95658
Placer County

#64 Flyers
8660 Auburn Blvd.
Roseville, CA 95661
Placer County

#65 Flyers
3096 Sunrise Blvd.
Rancho Cordova, CA 95742
Sacramento County

#74 Flyers
2650 Gateway Oaks Drive
Sacramento, CA 95833
Sacramento County

#81 Flyers
1930 South Mooney
Visalia, CA 93654
Tulare County

#89 Flyers
1375 E. Mineral King Ave.
Visalia, CA 93291
Tulare County

#213 Flyers
501 Serramonte Blvd.
Daly City, CA 94015
San Mateo County

#215 Flyers
2195 Junipero Serra
Daly City, Ca 94014
San Mateo County

#216 Flyers
35 South Linden Ave.
So San Francisco, CA 94080
San Mateo County

#219 Flyers
176 Gateway Blvd.
So San Francisco, CA 94080
San Mateo County

#224 Flyers
1250 S. Main Street
Willits, CA 95490
Mendocino County

#232 Flyers
2000 19th Avenue
San Francisco, CA 94116
San Francisco County

#233 Flyers
2301 19th Avenue
San Francisco, CA 94116
San Francisco County

FLYERS FACILITY ADDRESSES

#234 Flyers
15010 Lakeshore Drive
Clearlake CA 95422
Lake County

#235 Flyers
3000 Cesar Chavez St.
San Francisco, CA 94110
San Francisco County

#245 Flyers
300 College Ave.
Santa Rosa, CA 95401
Sonoma County

#252 Flyers
2304 A Street
Antioch, CA 94509
Contra Costa County

#263 Flyers
4250 Madison Ave.
North Highlands, CA 95826
Sacramento County

#270 Flyers
699 El Camino Real
Redwood City, CA 94063
San Mateo County

#280 Flyers
800 St. Helens Hwy.
St. Helena, CA 94574
Napa County

#281 Flyers
1300 Trancas Street
Napa, CA 94558
Napa County

#401 Flyers
800 Ames Avenue
Milpitas, CA 95035
Santa Clara County

#411 Flyers
190 E. Grand Ave.
So San Francisco, CA 94080
San Mateo County

#412 Flyers
131 Terminal Court
So San Francisco, CA 94080
San Mateo County

#417 Flyers
751 Commercial St.
San Jose, CA 95112
Santa Clara County

#418 Flyers
2276 Senter Road
San Jose, CA 95112
Santa Clara County

#427 Flyers
3300 Waterloo Rd.
Stockton, CA 95205
San Joaquin County

#430 Flyers
200 Toland Street
San Francisco, CA 94124
San Francisco County

#437 Flyers
2690 3rd Street
San Francisco, CA 94107
San Francisco County

#447 Flyers
2560 Bates Ave.
Concord, CA 94520
Contra Costa County

#450 Flyers
3152 Depot Road
Hayward, CA 94545
Alameda County

#453 Flyers
1805 Doolittle Drive
San Leandro, CA 94577
Alameda County

#454 Flyers
8515 San Leandro Street
Oakland, CA 94621
Alameda County

#457 Flyers
2005 W. Winton Ave.
Hayward, CA 94545
Alameda County

#465 Flyers
255 Parr Boulevard
Richmond, CA 94801
Contra Costa County

#482 Flyers
997 Zephyr Road
Hayward, CA 94544
Alameda County

#483 Flyers
44671 Osgood Road
Fremont, CA 94539
Alameda County

#484 Flyers
2132 O'Toole Ave.
San Jose, CA 95131
Santa Clara County

#487 Flyers
983 Moffat Blvd.
Manteca, CA 95336
San Joaquin County

#489 Flyers
610 Harbor Blvd.
Belmont, CA 94002
San Mateo County

FLYERS FACILITY ADDRESSES

#425 Flyers
139 Encinal Street
Santa Cruz, CA 95060
Santa Cruz County

#4042 Flyers
6600 Rosedale
Bakersfield, CA 93308
Kern County

#221 Flyers
161 Frazier Mtn Park Rd.
Lebec, CA 93243

#222 Flyers
8200 Kimber
Bakersfield, CA 93307
Kern County

#223 Flyers
2023 Frontage Rd. West
Mettler, CA 93313
Kern County

#225 Flyers
466 S. Main Street
Bishop, CA 93514
Inyo County

#230 Flyers
720 E. 9th Street
Upland, CA 91786
San Bernardino County

#231 Flyers
3940 Rosedale Hwy
Bakersfield, CA 93308
Kern County

#228 Flyers
28070 N. The Old Road
Valencia, CA 91355
Los Angeles County

#229 Flyers
2619 S. East Avenue
Fresno, CA 93706
Fresno County

State Of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

Consumer Affairs

License 634117 Entity CORP

Business Name MUSCO EXCAVATORS INC

Classification(s) A B C10 C21 HAZ

Expiration Date 09/30/2013 www.cslb.ca.gov

CERTIFICATE OF TRAINING

BRYAN MUSCO

HAS COMPLETED TRAINING IN

HAZARDOUS WASTE OPERATIONS AND

EMERGENCY RESPONSE ANNUAL REFRESHER

8 HOUR COURSE

IN COMPLIANCE WITH THE REQUIREMENTS OF

TILE 8 , CALIFORNIA CODE OF REGULATIONS

SECTION 5192 & 29 CFR 1910.120

ISSUED: FEBRUARY 12, 2012

BY

THE SAFETY CONNECTION, 17698 SAN FRANCISCO ST

FOUNTAIN VALLEY, CA. 92708 714/809-3853

TRAINER: DOUG SARVIS

CERTIFICATE OF TRAINING

DUARTE SILVA

HAS COMPLETED TRAINING IN

HAZARDOUS WASTE OPERATIONS AND

EMERGENCY RESPONSE ANNUAL REFRESHER

8 HOUR COURSE

IN COMPLIANCE WITH THE REQUIREMENTS OF

TILE 8 , CALIFORNIA CODE OF REGULATIONS

SECTION 5192 & 29 CFR 1910.120

ISSUED: FEBRUARY 12, 2012

BY

THE SAFETY CONNECTION, 17698 SAN FRANCISCO ST

FOUNTAIN VALLEY, CA. 92708 714/809-3853

TRAINER: DOUG SARVIS

CERTIFICATE OF TRAINING

KYLE PASSOT

HAS COMPLETED TRAINING IN

HAZARDOUS WASTE OPERATIONS AND

EMERGENCY RESPONSE ANNUAL REFRESHER

8 HOUR COURSE

IN COMPLIANCE WITH THE REQUIREMENTS OF

TILE 8 , CALIFORNIA CODE OF REGULATIONS

SECTION 5192 & 29 CFR 1910.120

ISSUED: FEBRUARY 12, 2012

BY

THE SAFETY CONNECTION, 17698 SAN FRANCISCO ST

FOUNTAIN VALLEY, CA. 92708 714/809-3853

TRAINER: DOUG SARVIS

POLICYHOLDER COPY

NC

STATE COMPENSATION INSURANCE FUND

P.O. BOX 8192, PLEASANTON, CA 94588

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

ISSUE DATE: 10-01-2011

GROUP: **000713**
POLICY NUMBER: **0035991-2011**
CERTIFICATE ID: **24**
CERTIFICATE EXPIRES: **10-01-2012**
10-01-2011/10-01-2012

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
455 COUNTY CENTER, 4TH FL
REDWOOD CITY CA 94063

NC

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon **10** days advance written notice to the employer.

We will also give you **10** days advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or to which it may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions, and conditions, of such policy.

Authorized Representative

President and CEO

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: $1,000,000 PER OCCURRENCE.

EMPLOYER

MUSCO EXCAVATORS, INC (A CORP)
2526 GREENVALE CT
SANTA ROSA CA 95401

NC

[P10,NC]

(REV.1-2012)

PRINTED : 08-27-2012

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK

OPERATING PERMIT APPLICATION – FACILITY INFORMATION

(One form per facility)

TYPE OF ACTION (Check one item only) 400
☐ 1. NEW PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 7. PERMANENT FACILITY CLOSURE
☒ 3. RENEWAL PERMIT ☐ 6. TEMPORARY FACILITY CLOSURE ☐ 9. TRANSFER PERMIT

I. FACILITY INFORMATION

TOTAL NUMBER OF USTs AT FACILITY 404: 3
FACILITY ID # (Agency Use Only) 1:
BUSINESS NAME (Same as Facility Name or DBA – Doing Business As) 3: Flyers #412
BUSINESS SITE ADDRESS 103: 131 Terminal Ct.
CITY 104: S. San Francisco
FACILITY TYPE 403: ☒ 1. MOTOR VEHICLE FUELING ☐ 2. FUEL DISTRIBUTION ☐ 3. FARM ☐ 4. PROCESSOR ☐ 6. OTHER
Is the facility located on Indian Reservation or Trust lands? 405: ☐ 1. Yes ☒ 2. No

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407: Primo Repetto
PHONE 408: (650) 583-4886
MAILING ADDRESS 409: 131 Terminal Ct.
CITY 410: S. San Francisco
STATE 411: CA
ZIP CODE 412: 94080

III. TANK OPERATOR INFORMATION

TANK OPERATOR NAME 428-1: Flyers Energy, LLC
PHONE 428-2: (530) 885-0401
MAILING ADDRESS 428-3: 2360 Lindbergh St.
CITY 428-4: Auburn
STATE 428-5: CA
ZIP CODE 428-6: 95602

IV. TANK OWNER INFORMATION

TANK OWNER NAME 414: Flyers Energy, LLC
PHONE 415: (530) 885-0401
MAILING ADDRESS 416: 2360 Lindbergh St.
CITY 417: Auburn
STATE 418: CA
ZIP CODE 419: 95602
OWNER TYPE: 420: ☐ 4. LOCAL AGENCY/DISTRICT ☐ 5. COUNTY AGENCY ☐ 6. STATE AGENCY ☐ 7. FEDERAL AGENCY ☒ 8. NON-GOVERNMENT

V. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- 0 4 2 9 2 1 — Call the State Board of Equalization, Fuel Tax Division, if there are questions. 421

VI. PERMIT HOLDER INFORMATION

Issue permit and send legal notifications and mailings to: 423
☐ 1. FACILITY OWNER ☐ 4. TANK OPERATOR
☒ 3. TANK OWNER ☐ 5. FACILITY OPERATOR
SUPERVISOR OF DIVISION, SECTION, OR OFFICE (Required for Public Agencies Only) 406:

VII. APPLICANT SIGNATURE

CERTIFICATION: I certify that the information provided herein is true, accurate, and in full compliance with legal requirements.
APPLICANT SIGNATURE: Amanda Appelt
DATE 424: 8/28/2012
PHONE 425: (530) 885-0401
APPLICANT NAME (print) 426: Amanda Appelt
APPLICANT TITLE 427: Environmental Manager

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION *(Check one item only. For a UST closure or removal, complete only this section and Sections I, II, III, IV, and IX below)* 430.
☐ 1. NEW PERMIT ☒ 3. RENEWAL PERMIT ☐ 5. CHANGE OF INFORMATION
☐ 6. TEMPORARY UST CLOSURE ☐ 7. UST PERMANENT CLOSURE ON SITE ☐ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 1.

BUSINESS NAME *(Same as Facility Name or DBA – Doing Business As)* 3
Flyers #412

BUSINESS SITE ADDRESS 103
131 Terminal Ct.

CITY 104
S. San Francisco

II. TANK DESCRIPTION

TANK ID # 432.
412-01

TANK MANUFACTURER 433.
Owens Corning

TANK CONFIGURATION: THIS TANK IS 434
☒ 1. A STAND-ALONE TANK
☐ 2. ONE IN A COMPARTMENTED UNIT
Complete one page for each compartment in the unit

DATE UST SYSTEM INSTALLED 435.
1978

TANK CAPACITY IN GALLONS 436.
10,000

NUMBER OF COMPARTMENTS IN THE UNIT 437
1

III. TANK USE AND CONTENTS

TANK USE 439
☒ 1a. MOTOR VEHICLE FUELING ☐ 1b. MARINA FUELING ☐ 1c. AVIATION FUELING
☐ 3. CHEMICAL PRODUCT STORAGE ☐ 4. HAZARDOUS WASTE (Includes Used Oil) ☐ 5. EMERGENCY GENERATOR FUEL [HSC 25281.5(c)]
☐ 6. OTHER GENERATOR FUEL ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 439a

CONTENTS 440
PETROLEUM: ☐ 1a. REGULAR UNLEADED ☐ 1c. MIDGRADE UNLEADED ☐ 1b. PREMIUM UNLEADED
☒ 3. DIESEL ☐ 5. JET FUEL ☐ 6. AVIATION GAS
☐ 8. PETROLEUM BLEND FUEL ☐ 9. OTHER PETROLEUM (Specify): 440a
NON-PETROLEUM: ☐ 7. USED OIL ☐ 10. ETHANOL
☐ 11. OTHER NON-PETROLEUM (Specify): 440b

IV. TANK CONSTRUCTION

TYPE OF TANK 443
☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN

PRIMARY CONTAINMENT 444.
☐ 1. STEEL ☒ 3. FIBERGLASS ☐ 6. INTERNAL BLADDER
☐ 7. STEEL + INTERNAL LINING ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 444a.

SECONDARY CONTAINMENT 445
☐ 1. STEEL ☐ 3. FIBERGLASS ☐ 6. EXTERIOR MEMBRANE LINER ☐ 7. JACKETED
☒ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 445a

OVERFILL PREVENTION 452
☐ 1. AUDIBLE & VISUAL ALARMS ☐ 2. BALL FLOAT ☒ 3. FILL TUBE SHUT-OFF VALVE
☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION 460.
☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 99. OTHER

SYSTEM TYPE 458.
☒ 1. PRESSURE ☐ 2. GRAVITY ☐ 3. CONVENTIONAL SUCTION ☐ 4. SAFE SUCTION [23 CCR §2636(a)(3)]

PRIMARY CONTAINMENT 464.
☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464a

SECONDARY CONTAINMENT 464b
☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC
☒ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464c

PIPING/TURBINE CONTAINMENT SUMP TYPE 464d
☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☒ 90. NONE

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT	☐ 1. STEEL	☒ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464e. 464e1.
VENT SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☒ 90. NONE	☐ 99. OTHER (Specify):	464f. 464f1.
VR PRIMARY CONTAINMENT	☐ 1. STEEL	☒ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464g. 464g1.
VR SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☒ 90. NONE	☐ 99. OTHER (Specify):	464h. 464h1.
VENT PIPING TRANSITION SUMP TYPE		☐ 1. SINGLE WALL	☐ 2. DOUBLE WALL	☒ 90. NONE		464i.
RISER PRIMARY CONTAINMENT	☒ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464j. 464j1.
RISER SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☒ 90. NONE	☐ 99. OTHER (Specify):	464k. 464k1.
FILL COMPONENTS INSTALLED	☒ 1. SPILL BUCKET		☒ 3. STRIKER PLATE/BOTTOM PROTECTOR		☐ 4. CONTAINMENT SUMP	451a-c.

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE 469a
☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 3. NO DISPENSERS ☐ 90. NONE

CONSTRUCTION MATERIAL 469b 469c
☐ 1. STEEL ☐ 4. FIBERGLASS ☒ 10. RIGID PLASTIC ☐ 99. OTHER (Specify)

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION 448
☒ 2. SACRIFICIAL ANODE(S) ☐ 4. IMPRESSED CURRENT ☐ 6. ISOLATION

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE Amanda Appelt | DATE 8/27/2012 470

APPLICANT NAME (print) Amanda Appelt 471. | APPLICANT TITLE Environmental Manager 472.

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK

OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION *(Check one item only. For a UST closure or removal, complete only this section and Sections I, II, III, IV, and IX below)* 430
☐ 1. NEW PERMIT ☒ 3. RENEWAL PERMIT ☐ 5. CHANGE OF INFORMATION
☐ 6. TEMPORARY UST CLOSURE ☐ 7. UST PERMANENT CLOSURE ON SITE ☐ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* | | | – | | | | – | | | | | | | 1

BUSINESS NAME *(Same as Facility Name or DBA – Doing Business As)* 3
Flyers #412

BUSINESS SITE ADDRESS 103.
131 Terminal Ct.

CITY 104
S. San Francisco

II. TANK DESCRIPTION

TANK ID # 432.
412-02

TANK MANUFACTURER 433.
Owens Corning

TANK CONFIGURATION: THIS TANK IS 434.
☒ 1. A STAND-ALONE TANK
☐ 2. ONE IN A COMPARTMENTED UNIT
Complete one page for each compartment in the unit.

DATE UST SYSTEM INSTALLED 435.
1978

TANK CAPACITY IN GALLONS 436.
10,000

NUMBER OF COMPARTMENTS IN THE UNIT 437.
1

III. TANK USE AND CONTENTS

TANK USE 439
☒ 1a. MOTOR VEHICLE FUELING ☐ 1b. MARINA FUELING ☐ 1c. AVIATION FUELING
☐ 3. CHEMICAL PRODUCT STORAGE ☐ 4. HAZARDOUS WASTE (Includes Used Oil) ☐ 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(c)]
☐ 6. OTHER GENERATOR FUEL ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 439a

CONTENTS PETROLEUM: 440
☐ 1a. REGULAR UNLEADED ☐ 1c. MIDGRADE UNLEADED ☐ 1b. PREMIUM UNLEADED
☒ 3. DIESEL ☐ 5. JET FUEL ☐ 6. AVIATION GAS
☐ 8. PETROLEUM BLEND FUEL ☐ 9. OTHER PETROLEUM (Specify): 440a
NON-PETROLEUM: ☐ 7. USED OIL ☐ 10. ETHANOL
☐ 11. OTHER NON-PETROLEUM (Specify): 440b

IV. TANK CONSTRUCTION

TYPE OF TANK ☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN 443

PRIMARY CONTAINMENT 444
☐ 1. STEEL ☒ 3. FIBERGLASS ☐ 6. INTERNAL BLADDER
☐ 7. STEEL + INTERNAL LINING ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 444a

SECONDARY CONTAINMENT 445
☐ 1. STEEL ☐ 3. FIBERGLASS ☐ 6. EXTERIOR MEMBRANE LINER ☐ 7. JACKETED
☒ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 445a

OVERFILL PREVENTION 452
☐ 1. AUDIBLE & VISUAL ALARMS ☐ 2. BALL FLOAT ☒ 3. FILL TUBE SHUT-OFF VALVE
☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION 460.
☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 99. OTHER

SYSTEM TYPE 458
☒ 1. PRESSURE ☐ 2. GRAVITY ☐ 3. CONVENTIONAL SUCTION ☐ 4. SAFE SUCTION [23 CCR §2636(a)(3)]

PRIMARY CONTAINMENT 464.
☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464a

SECONDARY CONTAINMENT 464b
☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC
☒ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464c

PIPING/TURBINE CONTAINMENT SUMP TYPE ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☒ 90. NONE 464d

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT	☐ 1. STEEL	☒ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464e 464e1.
VENT SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☒ 90. NONE	☐ 99. OTHER (Specify):	464f 464f1
VR PRIMARY CONTAINMENT	☐ 1. STEEL	☒ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464g 464g1
VR SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☒ 90. NONE	☐ 99. OTHER (Specify):	464h 464h1
VENT PIPING TRANSITION SUMP TYPE		☐ 1. SINGLE WALL	☐ 2. DOUBLE WALL	☒ 90. NONE		464i
RISER PRIMARY CONTAINMENT	☒ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464j 464j1
RISER SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☒ 90. NONE	☐ 99. OTHER (Specify):	464k 464k1
FILL COMPONENTS INSTALLED	☒ 1. SPILL BUCKET		☒ 3. STRIKER PLATE/BOTTOM PROTECTOR		☒ 4. CONTAINMENT SUMP	451a-c

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE	☒ 1. SINGLE WALL	☐ 2. DOUBLE WALL	☐ 3. NO DISPENSERS	☐ 90. NONE	469a
CONSTRUCTION MATERIAL	☒ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 99. OTHER (Specify)	469b 469c

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION ☒ 2. SACRIFICIAL ANODE(S) ☐ 4. IMPRESSED CURRENT ☐ 6. ISOLATION 448

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE Amanda Appelt | DATE 8/27/2012 470

APPLICANT NAME (print) Amanda Appelt 471. | APPLICANT TITLE Environmental Manager 472.

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK

OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION *(Check one item only. For a UST closure or removal, complete only this section and Sections I, II, III, IV, and IX below)* 430
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☐ 6. TEMPORARY UST CLOSURE ☐ 7. UST PERMANENT CLOSURE ON SITE ☐ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 1.

BUSINESS NAME *(Same as Facility Name or DBA – Doing Business As)* 3
Flyers #412

BUSINESS SITE ADDRESS 103.
131 Terminal Ct.

CITY 104
S. San Francisco

II. TANK DESCRIPTION

TANK ID # 432
412-03

TANK MANUFACTURER 433.
Owens Corning

TANK CONFIGURATION: THIS TANK IS 434
☒ 1. A STAND-ALONE TANK ☐ 2. ONE IN A COMPARTMENTED UNIT
Complete one page for each compartment in the unit.

DATE UST SYSTEM INSTALLED 435.
1978

TANK CAPACITY IN GALLONS 436.
6,000

NUMBER OF COMPARTMENTS IN THE UNIT 437
1

III. TANK USE AND CONTENTS

TANK USE 439
☒ 1a. MOTOR VEHICLE FUELING ☐ 1b. MARINA FUELING ☐ 1c. AVIATION FUELING
☐ 3. CHEMICAL PRODUCT STORAGE ☐ 4. HAZARDOUS WASTE (Includes Used Oil) ☐ 5. EMERGENCY GENERATOR FUEL (HSC §25281.5(e))
☐ 6. OTHER GENERATOR FUEL ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 439a

CONTENTS PETROLEUM: 440.
☒ 1a. REGULAR UNLEADED ☐ 1c. MIDGRADE UNLEADED ☐ 1b. PREMIUM UNLEADED
☐ 3. DIESEL ☐ 5. JET FUEL ☐ 6. AVIATION GAS
☐ 8. PETROLEUM BLEND FUEL ☐ 9. OTHER PETROLEUM (Specify): 440a
NON-PETROLEUM: ☐ 7. USED OIL ☐ 10. ETHANOL
☐ 11. OTHER NON-PETROLEUM (Specify): 440b

IV. TANK CONSTRUCTION

TYPE OF TANK ☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN 443

PRIMARY CONTAINMENT 444
☐ 1. STEEL ☒ 3. FIBERGLASS ☐ 6. INTERNAL BLADDER
☐ 7. STEEL + INTERNAL LINING ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 444a

SECONDARY CONTAINMENT 445.
☐ 1. STEEL ☐ 3. FIBERGLASS ☐ 6. EXTERIOR MEMBRANE LINER ☐ 7. JACKETED
☒ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 445a

OVERFILL PREVENTION 452.
☐ 1. AUDIBLE & VISUAL ALARMS ☐ 2. BALL FLOAT ☒ 3. FILL TUBE SHUT-OFF VALVE
☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION 460
☐ 1. SINGLE WALL ☒ 2. DOUBLE WALL ☐ 99. OTHER

SYSTEM TYPE 458
☒ 1. PRESSURE ☐ 2. GRAVITY ☐ 3. CONVENTIONAL SUCTION ☐ 4. SAFE SUCTION (23 CCR §2636(a)(3))

PRIMARY CONTAINMENT 464
☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464a

SECONDARY CONTAINMENT 464b
☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464c

PIPING/TURBINE CONTAINMENT SUMP TYPE 464d
☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 90. NONE

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT	☐ 1. STEEL	☒ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464e, 464e1
VENT SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☒ 90. NONE	☐ 99. OTHER (Specify):	464f, 464f1
VR PRIMARY CONTAINMENT	☐ 1. STEEL	☒ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464g 464g1
VR SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☒ 90. NONE	☐ 99. OTHER (Specify):	464h 464h1
VENT PIPING TRANSITION SUMP TYPE	☐ 1. SINGLE WALL	☐ 2. DOUBLE WALL	☒ 90. NONE			464i
RISER PRIMARY CONTAINMENT	☒ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464j 464j1
RISER SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☒ 90. NONE	☐ 99. OTHER (Specify):	464k 464k1
FILL COMPONENTS INSTALLED	☒ 1. SPILL BUCKET	☒ 3. STRIKER PLATE/BOTTOM PROTECTOR	☒ 4. CONTAINMENT SUMP			451a-c.

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE	☒ 1. SINGLE WALL	☐ 2. DOUBLE WALL	☐ 3. NO DISPENSERS	☐ 90. NONE	469a
CONSTRUCTION MATERIAL	☒ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 99. OTHER (Specify)	469b 469c.

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION ☐ 2. SACRIFICIAL ANODE(S) ☐ 4. IMPRESSED CURRENT ☐ 6. ISOLATION 448

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE Amanda Appelt | DATE 8/27/2012 470

APPLICANT NAME (print) Amanda Appelt 471. | APPLICANT TITLE Environmental Manager. 472

MUSCO EXCAVATORS, INC.
2526 GREENVALE COURT
SANTA ROSA, CALIFORNIA 95401
(707)579-0250
FAX(707)575-7389

TRANSMITTAL SHEET

TO:
San Mateo County Environmental Health
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403

FROM:
Alison Musco

ENVIRONMENTAL HEALTH
AUG 29 2012
RECEIVED

ATTN:
Darrell Cullen

DATE:
8/27/12

RE:
Underground Storage Tank Closure
131 Terminal Court
South San Francisco, CA

CC:

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

Daryl,

Enclosed is our application with attachments for removing three underground storage tanks at the above referenced site and payment of $2,335.00. Please feel free to contact me with any questions you may have.

Thank you.

Alison

MUSCO EXCAVATORS, INC.
2526 GREENVALE COURT
SANTA ROSA, CA 95401
(707) 579-0250 • FAX (707) 575-7389
CONTRACTOR LIC. #634117

WORK PLAN FOR

Flyers #412
131 Terminal Court
South San Francisco, CA 94080

Upon approval to remove two 10,000 gallon and one 6,000 gallon single wall glass product tanks located at the above referenced location, Musco Excavators, Inc. will contact Underground Service Alert, OSHA and the Bay Area Air Quality Management District.

The tanks will be pumped free of liquid, exposed and triple rinsed into an Adams Services hauling truck and the rinsate will be manifested to DeMennon/Kerdoon in Compton, California. Once the tanks have been rinsed, we will inert them by using 15 pounds per 1,000 gallons of dry ice pellets and 20' vent risers will be placed at the opening of each tank to allow proper venting prior to the removal. While venting the tanks, a Venture Blower will assist in reducing the LEL to 10% or Oxygen levels to 5%. These levels will be confirmed by using a recently calibrated LEL meter and Oxygen infuser. We will cap all of the tank openings with threaded plugs, leaving a vent hole in one to allow for temporary venting, while being transported. Once the tanks are removed, they will be placed on certified hauling trucks provided by Adams Services and transported under manifest Simens Water Technologies Group in Los Angeles, California. The product lines will be excavated, removed and placed in a debris bin supplied by Adams Services and transported under manifest to Simens Water Technologies, as well.

With the tanks removed, soil samples shall be collected in the presence of a County Inspector. Two soil samples will be collected from below each tank, one at each end and tested for TPHG, TPHD, BTX&E, MTBE (EPA 8260) and LUFT, if required, as noted in the San Francisco Regional Water Quality Control Board Guidelines (SFRWQCBG) or as directed by the field inspector. A maximum of two feet of native soil will be removed before samples are collected. If it is not possible to obtain a soil sample from below a tank due to the presence of groundwater, side-wall samples may be obtained at the high water level, along with a groundwater sample and shall be analyzed in accordance with the SFRWQCBG. Soil samples shall be collected from the excavation stockpile, one per 20 cubic yards of material. Additionally, samples will be collected along every 20' of piping trench or change in direction. The samples will be sent to Kiff Analytical, LLC a California certified lab, for testing. The sample analysis should be completed within one week. If extensive contamination is present, Flyers Energy will work with San Mateo County Environmental Health (SMCEH) in determining a remediation plan.

The excavated soil from above the tanks and any over excavated soil will be placed on and covered with 6 mil visqueen. Once clearance is given to backfill, the excavation will be backfilled in 12" lifts with suitable compactable fill and tested by a licensed geotechnical firm, confirming a minimum of 90% compaction is achieved. A final compaction report will be generated and available for review.

The necessary Agencies will be notified at least 72 hours prior to the tank removal. A site specific Health and Safety Plan will be on-site during the project along with a fire extinguisher and no smoking signs. A written sample analysis report will be provided to SMCEH within 30 days following the tank removal.

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. _____

Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Brian Gwinn	California EDF Report? ☐ Yes ☒ No
Company / Address: Blue Rock Env. 1169 Chess Dr. #C, Foster City	Sampling Company Log Code:
Phone Number: 650-522-9292	Global ID:
Fax Number: 650-522-9259	~~EDF~~ Deliverable To (Email Address): brian@bluerockenv.com
Project #: NOC-6 / P.O. #:	Bill to: Flyers Energy, Auburn, CA
Project Name: Olympian Cardlock Facility	Sampler Print Name: Brian Gwinn
	Sampler Signature:

Project Address: 131 Terminal Ct. SSF, CA

Analysis Request — PLEASE CIRCLE METHOD

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Container:	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Preservative:	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	Ethanol by 8260B				For Lab Use Only
Gas Pit Water	9/25/12	1055	6							X					X				X	X	X												X					01
Diesel Pit Water		1110	6							X					X											X												02
S-1-5		1123		1												X										X												03
S-2-5		1130		1												X										X												04
S-3-5		1137		1												X										X												05
S-4-5		1142		1												X										X												06
S-5-5		1145		1												X										X												07
S-6-5		1150		1												X										X												08
S-7-8		1156		1												X			X	X	X												X					09
S-8-8		1202		1												X			X	X	X												X					10

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	9/27/12	1622	Kiff Analytical LLC

Remarks:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 061708

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. _____

Page 2 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Brian Gwinn	California EDF Report? ☐ Yes ☒ No
Company / Address: Blue Rock Env. 1169 Chess Dr. #C, Foster City	Sampling Company Log Code:
Phone Number: 650-522-9292	Global ID:
Fax Number: 650-522-9259	~~EDF~~ Deliverable To (Email Address): brian@bluerockenv.com
Project #: NOC-6 / P.O. #:	Bill to: Flyers Energy, Auburn, CA
Project Name: ~~Olympian~~ Olympian Cardlock Facility	Sampler Print Name: Brian Gwinn
	Sampler Signature:

Project Address: 131 Terminal Ct. SSF, CA

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air
S-9-8	9/25/12	1208		1								X	
S-10-8	↓	1213		1								X	
S-11-3		1220		1								X	
S-12-3		1223		1								X	
S-13-3		1226		1								X	
S-14-3		1232		1								X	
S-15-3		1235		1								X	
S-16-3		1241		1								X	
S-17-3	↓	1245		1								X	

Analysis Request

PLEASE CIRCLE METHOD

MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	Ethanol by EPA 8260B				TAT	For Lab Use Only
	X	X	X													X				☐ 12 hr	11
	X	X	X													X				☐ 24 hr	12
	X	X	X						X							X				☐ 48hr	13
	X	X	X						X							X				☐ 72hr	14
	X	X	X						X							X				☒ 1 wk	15
	X	X	X						X							X					16
	X	X	X						X							X					17
	X	X	X						X							X					18
	X	X	X						X							X					19

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	9/26/12	1600	Kiff Analytical LLC

Remarks:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 061708

BLUE ROCK ENVIRONMENTAL, INC.

Mr. Darrell Cullen
San Mateo County
Environmental Health Services Division
2000 Alameda de lad Pulgas, Suite 100
San Mateo, CA 94403

October 23, 2012

Re: **UST System Removal Sampling Report**
Olympian Cardlock Facility
131 Terminal Court
South San Francisco, California

Dear Mr. Cullen,

Blue Rock Environmental, Inc. (Blue Rock) is pleased to submit this report, on behalf of Flyers Energy LLC (Flyers), regarding soil and water samples collected during the recent removal of underground storage tank (UST) system at the subject site (Figure 1).

It is notable that a historical fuel release at the site is the subject of an ongoing regulatory case with the San Mateo County Groundwater Protection Program (case # 550158). Blue Rock understands that Conestoga-Rovers & Associates (CRA), working on behalf of Olympian, JV (the responsible party for that case), is currently in the process of implementing their *Subsurface Investigation and Remedial Action* dated July 25, 2012, which involves the excavation of previously documented soil impact from below the area of the former product piping / dispenser islands extending northwesterly toward Terminal Court. The proposed excavation area generally encompasses the locations where concentrations of total petroleum hydrocarbons as diesel (TPHd) and gasoline (TPHg) exceed 100 mg/kg, which is approximately 2,750 square feet from the depth 0 to 6 feet below ground surface (ft bgs) with localized deeper excavation extending to 10 ft bgs. An estimated 1,500 tons of impacted soil are planned for removal. Blue Rock understands that this work is tentatively scheduled to follow shortly after UST system removal activities. Information for the historical release case can be found at:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608126439

The purpose of this sampling, typical of all UST removals, is to evaluate the potential for a release from the system, or in this case, a newer release attributable to Flyers tenure at the site. Flyers has operated the UST system at the site since July 1, 2002. The results of sampling, discussed in the section below, were indicative of the historical release and not a new one.

UST System Removal Activities

On September 25, 2012, Musco Excavators, Inc. (Musco) of Santa Rosa, California removed three USTs from the site: two 10,000-gallon single-wall fiberglass diesel USTs (in a common pit) and one 6,000-gallon single-wall fiberglass gasoline UST (in a separate pit) (Figure 2). No obvious holes were observed in any of the tanks. All associated piping and dispenser islands were also removed.

Groundwater Sampling and Analysis

After all UST system components were removed soil and groundwater sampling began. Water samples were collected from the UST pits. The depth to water was approximately 5.5 ft bgs in the diesel UST pit was approximately 8 ft bgs in the gasoline UST pit.

One groundwater sample was collected from each pit. At the diesel UST pit, the groundwater sample was collected directly into laboratory supplied containers (Diesel Pit Water). At the gasoline UST pit, the groundwater sample was collected in a new disposable poly bailer and transferred to the sample containers (Gasoline Pit Water). The sample containers were labeled, documented on a chain-of-custody form, and placed on ice in a cooler for transport to the project laboratory.

The water samples were analyzed by Kiff Analytical, LLC (Kiff), a California DHS-certified laboratory, for concentrations of:

- TPHd by Modified EPA Method 8015 (Diesel Pit Water)
- TPHg and BTEX by EPA Method 8260B (Gas Pit Water)
- Fuel Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) by EPA Method 8260B (Gas Pit Water)
- Ethanol by EPA Method 8260B (Gas Pit Water)

Soil Sampling and Analysis

A total of 17 soil samples were collected from the sidewalls of the UST pits at depths at, or just above, standing water, and below the piping and dispense locations. Six samples were collected in the diesel UST pit (S-1-5 through S-6-5) and four samples were collected in the gasoline UST pit (S-7-8 through S-12-8). Five samples were collected below former dispenser island and piping locations (S-13-3 through S-17-3). Soil samples were collected directly in clean brass tubes, covered with Teflon® lined plastic end caps, labeled, documented on a chain of custody form, and placed on ice in a cooler for transport to the project laboratory.

The soil samples were analyzed by Kiff for concentrations of:

- TPHd by Modified EPA Method 8015 (all samples)
- TPHg and BTEX by EPA Method 8260B (all samples)
- Fuel Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) by EPA Method 8260B (all samples)
- Ethanol by EPA Method 8260B (all samples)

Laboratory Analytical Results and Discussion

Fuel constituents were detected in numerous samples. The most elevated concentrations of TPHd and TPHg (i.e. >100 mg/kg) were detected in samples collected below the former piping runs and dispenser islands, which is consistent with the area of impact previously identified for remedial excavation proposed by CRA. Low levels of MTBE were detected in a limited number of samples at levels consistent with what was previously documented at the site.

It is noteworthy that ethanol was not detected in any of the samples. Ethanol replaced MTBE as the primary fuel oxygenate in California following the latter's phase-out in 2003. The period of ethanol use in gasoline encompasses nearly the entire period of Flyers tenure on the site (i.e. July 2002 to present), and its absence in soil and groundwater samples indicates no significant gasoline release during that that time.

Analytical results for soil and groundwater samples are summarized in Table 1, and the laboratory report and chain-of-custody are attached.

Recommendations

The UST system removal sample results appear to be consistent the subsurface conditions previously documented for the Olympian, JV leaking UST case. No further action appears warranted or is recommended in relation to Flyers operation of the former UST system.

Certification

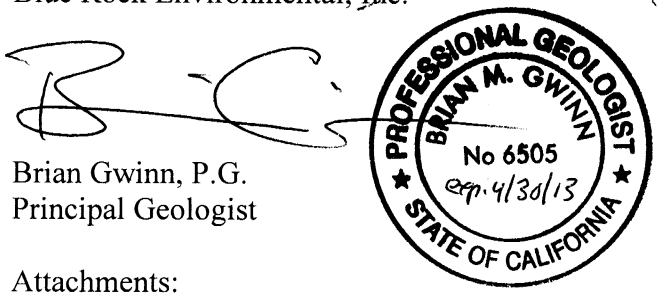
This report was prepared under the supervision of a California Professional Geologist at Blue Rock. All statements, conclusions, and recommendations are based upon published results from past consultants, field observations by Blue Rock, and analyses performed by a state-certified laboratory as they relate to the time, location, and depth of points sampled by Blue Rock. Interpretation of data, including spatial distribution and temporal trends, are based on commonly used geologic and scientific principles. It is possible that interpretations, conclusions, and recommendations presented in this report may change, as additional data become available and/or regulations change.

Information and interpretation presented herein are for the sole use of the client and regulating agency. The information and interpretation contained in this document should not be relied upon by a third party.

The service performed by Blue Rock has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area of the site. No other warranty, expressed or implied, is made.

If you have any questions regarding this project, please contact me at (650) 522-9292.

Sincerely,
Blue Rock Environmental, Inc.



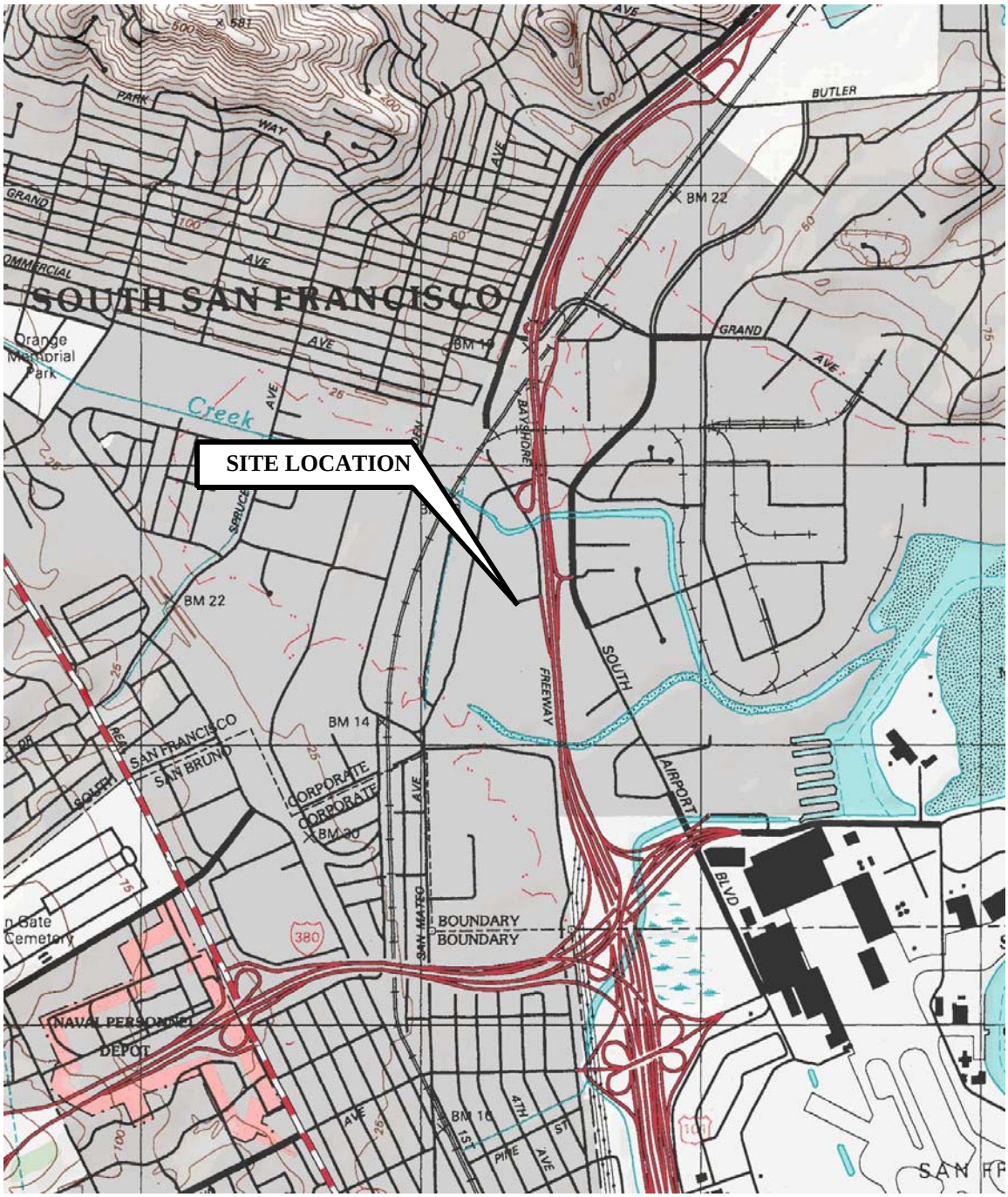
Brian Gwinn, P.G.
Principal Geologist

Attachments:

- Figure 1: Site Location Map
- Figure 2: Site Plan with UST System Removal Samples
- Table 1: UST Removal Soil and Groundwater Sample Analytical Data
- Laboratory Analytical Reports and Chain-of-Custody Forms

Cc:

Amanda Appelt, Flyers Energy LLC, 2360 Lindbergh St., Auburn, CA 95602
Jacob Madden, San Mateo Co. GPP, 2000 Alameda de lad Pulgas, Suite 100, San Mateo, CA 94403



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APPROX. SCALE IN FEET

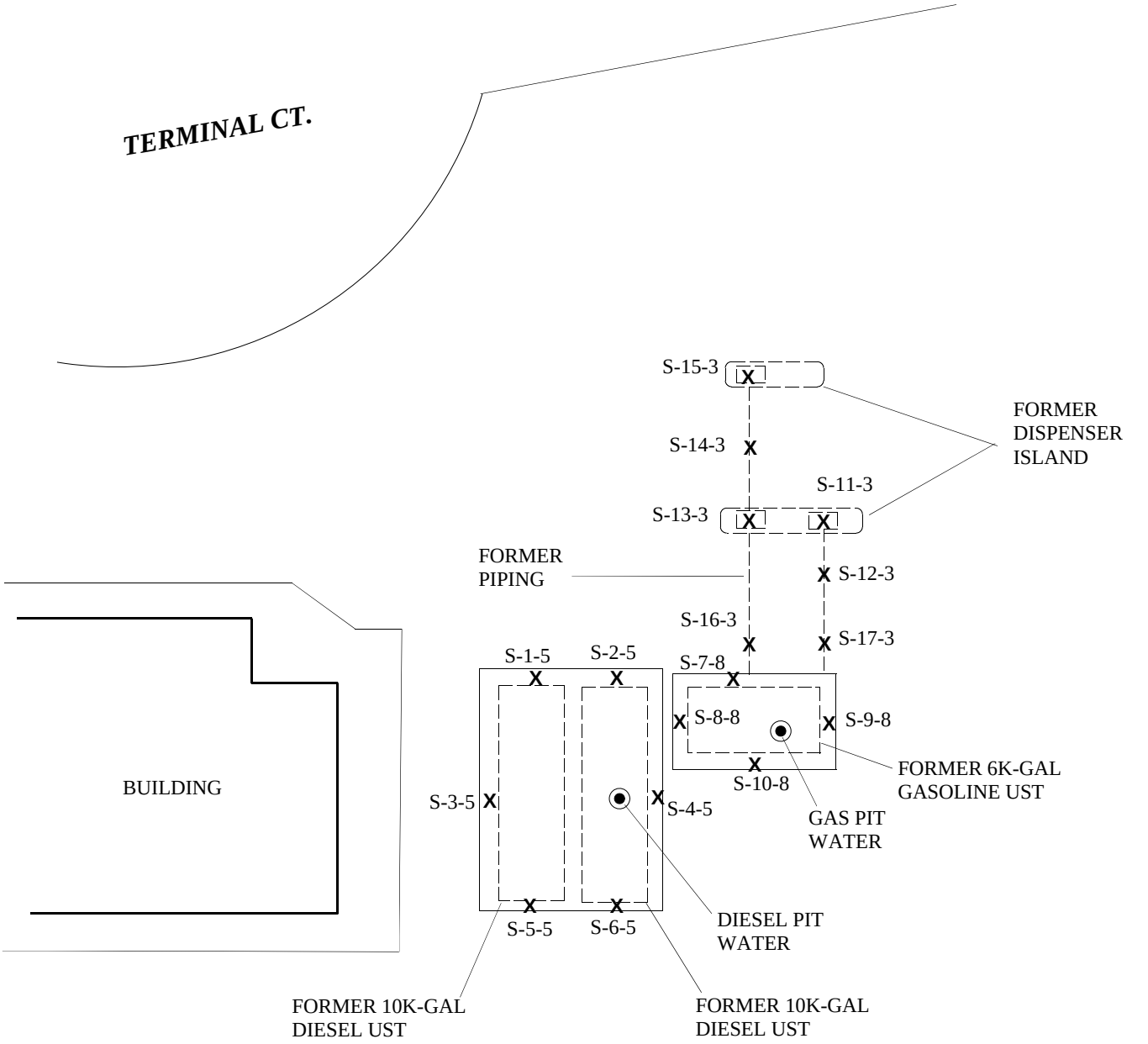
N

SOURCE: www.digital-topo-maps.com

SITE LOCATION MAP
Olympian Cardlock Facility
131 Terminal Court
South San Francisco, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Figure Date	Figure
NOC-6	9/12	1



EXPLANATION

S-6-5 X UST REMOVAL SOIL SAMPLE "SAMPLE-NUMBER-DEPTH IN FEET"

DIESEL PIT WATER ◉ UST REMOVAL PIT WATER SAMPLE

N

0 20

APPROXIMATE SCALE IN FEET

SITE PLAN
WITH UST SYSTEM REMOVAL SAMPLES

Olympian Cardlock Facility
131 Terminal Court
South San Francisco, CA

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Figure Date	Figure
NOC-6	9/12	2

TABLE 1
UST System Removal Analytical Data
Olympian Cardlock Facility
131 Terminal Court
South San Francisco, CA

Soil Samples

Sample I.D.	Depth (ft bgs)	Sample Date	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	EtOH (mg/kg)
S-1-5	5	9/25/12	**80**	---	---	---	---	---	---	---	---	---	---	---
S-2-5	5	9/25/12	**14**	---	---	---	---	---	---	---	---	---	---	---
S-3-5	5	9/25/12	**1.1**	---	---	---	---	---	---	---	---	---	---	---
S-4-5	5	9/25/12	**2.7**	---	---	---	---	---	---	---	---	---	---	
S-5-5	5	9/25/12	**9.8**	---	---	---	---	---	---	---	---	---	---	---
S-6-5	5	9/25/12	**6.8**	---	---	---	---	---	---	---	---	---	---	---
S-7-8	8	9/25/12	---	**2.1**	<0.0050	<0.0050	**0.012**	**0.046**	**0.012**	<0.0050	<0.0050	<0.0050	**0.18**	<0.050
S-8-8	8	9/25/12	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.088**	<0.050
S-9-8	8	9/25/12	---	**7.6**	<0.0050	<0.0050	<0.0050	**0.0074**	<0.0050	<0.0050	<0.0050	<0.0050	**0.046**	<0.050
S-10-8	8	9/25/12	---	**18**	<0.0050	<0.0050	<0.0050	<0.0050	**0.0052**	<0.0050	<0.0050	<0.0050	**0.090**	<0.050
S-11-3	3	9/25/12	**780**	**880**	<0.25	<0.025	**0.20**	**0.062**	<0.025	<0.025	<0.025	<0.025	<0.15	<1.5
S-12-3	3	9/25/12	**280**	**230**	0.021	<0.0050	**0.14**	**0.015**	<0.0050	<0.0050	<0.0050	<0.0050	**0.23**	<0.050
S-13-3	3	9/25/12	**110**	**2.6**	<0.0050	<0.0050	<0.0050	<0.0050	**0.0066**	<0.0050	<0.0050	<0.0050	**0.44**	<0.050
S-14-3	3	9/25/12	**2.7**	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.075**	<0.0050	<0.0050	<0.0050	**0.12**	<0.050
S-15-3	3	9/25/12	**4,000**	**540**	**0.86**	**0.32**	**0.96**	**3.4**	<0.090	<0.090	<0.090	<0.090	<0.50	<0.90
S-16-3	3	9/25/12	**6,600**	**1,600**	**1.4**	<0.25	**7.7**	**0.62**	<0.25	<0.25	<0.25	<0.25	<1.5	<2.5
S-17-3	3	9/25/12	**68**	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0062**	<0.0050

Water Samples

Sample I.D.	Depth to Water (ft bgs)	Sample Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EtOH (µg/L)
Diesel Pit Water	~5.5	9/25/12	**23,000**	---	---	---	---	---	---	---	---	---	---	---
Gas Pit Water	~8	9/25/12	---	**2,200**	**20**	**7.4**	**140**	**66**	**170**	<0.50	<0.50	**1.8**	**250**	<8.0

Notes:

ft bgs	Feet below ground surface
TPHd	Total petroleum hydrocarbons as diesel by Modified EPA Method 8015.
TPHg	Total petroleum hydrocarbons as gasoline by EPA Method 8260B.
BTEX	Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260B.
MTBE	Methyl tert-butyl ether by EPA Method 8260B.
TBA, ETBE	Tert-butanol, ethyl tert-butyl ether,
DIPE, TAME	di-isopropyl ether, and tert-amyl methyl ether by EPA Method 8260B.
EtOH	Ethanol by EPA Method 8260B.
---	Not analyzed, not available, not applicable.
<###	Not detected at or above the indicated reporting limit.
mg/kg	Milligrams per kilogram.
µg/L	Micrograms per liter.

KIFF Analytical LLC

Report Number : 82775
Date : 10/09/2012

Laboratory Results

Brian Gwinn
Blue Rock Environmental, Inc.
1169 Chess Drive Suite C
Foster City, CA 94404

Subject : 17 Soil Samples and 2 Water Samples
Project Name : Olympian Cardlock Facility
Project Number : NOC-6

Dear Mr. Gwinn,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 82775
Date : 10/09/2012

Subject : 17 Soil Samples and 2 Water Samples
Project Name : Olympian Cardlock Facility
Project Number : NOC-6

Case Narrative

All soil samples were reported on a total weight (wet weight) basis.

The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample Gas Pit Water.

LCS and Matrix Spike/Matrix Spike Duplicate results associated with samples S-11-3, S-12-3, S-13-3, and S-14-3 for the analyte Ethanol were outside of control limits. This may indicate a bias for the sample that was spiked. Since Ethanol was not detected above the Method Reporting Limit in the associated samples, no data are flagged.

Matrix Spike/Matrix Spike Duplicate results associated with samples S-11-3, S-12-3, S-13-3, and S-14-3 for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

LCS and Matrix Spike/Matrix Spike Duplicate results associated with samples S-7-8, S-8-8, S-9-8, S-10-8, S-15-3, and S-16-3 for the analyte Ethanol were outside of control limits. This may indicate a bias for the sample that was spiked. Since Ethanol was not detected above the Method Reporting Limit in the associated samples, no data are flagged.

Matrix Spike/Matrix Spike Duplicate results associated with sample S-17-3 for the analyte Ethanol were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **Gas Pit Water** Matrix : Water Lab Number : 82775-01

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**20**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Toluene	**7.4**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Ethylbenzene	**140**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Total Xylenes	**66**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Methyl-t-butyl ether (MTBE)	**170**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/04/12 01:04
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/04/12 01:04
Tert-amyl methyl ether (TAME)	**1.8**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Tert-Butanol	**250**	5.0	ug/L	EPA 8260B	10/04/12 01:04
Ethanol	< 8.0	8.0	ug/L	EPA 8260B	10/04/12 01:04
TPH as Gasoline	**2200**	50	ug/L	EPA 8260B	10/04/12 01:04
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	10/04/12 01:04
Toluene - d8 (Surr)	96.4		% Recovery	EPA 8260B	10/04/12 01:04

KIFF Analytical LLC

Report Number : 82775
Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**
Project Number : **NOC-6**

Sample : **Diesel Pit Water** Matrix : Water Lab Number : 82775-02
Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**23000**	50	ug/L	M EPA 8015	10/02/12 14:26
Octacosane (Diesel Surrogate)	88.2		% Recovery	M EPA 8015	10/02/12 14:26

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-1-5** Matrix : Soil Lab Number : 82775-03

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**80**	1.0	mg/Kg	M EPA 8015	10/03/12 14:27
Octacosane (Diesel Surrogate)	111		% Recovery	M EPA 8015	10/03/12 14:27

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-2-5** Matrix : Soil Lab Number : 82775-04

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**14**	1.0	mg/Kg	M EPA 8015	10/05/12 10:08
Octacosane (Diesel Surrogate)	76.9		% Recovery	M EPA 8015	10/05/12 10:08

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-3-5** Matrix : Soil Lab Number : 82775-05

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**1.1**	1.0	mg/Kg	M EPA 8015	10/03/12 15:42
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
Octacosane (Diesel Surrogate)	98.6		% Recovery	M EPA 8015	10/03/12 15:42

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-4-5** Matrix : Soil Lab Number : 82775-06

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**2.7**	1.0	mg/Kg	M EPA 8015	10/03/12 14:20
Octacosane (Diesel Surrogate)	97.2		% Recovery	M EPA 8015	10/03/12 14:20

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-5-5** Matrix : Soil Lab Number : 82775-07

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**9.8**	1.0	mg/Kg	M EPA 8015	10/03/12 14:22
Octacosane (Diesel Surrogate)	96.1		% Recovery	M EPA 8015	10/03/12 14:22

KIFF Analytical LLC

Report Number : 82775
Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**
Project Number : **NOC-6**

Sample : **S-6-5** Matrix : Soil Lab Number : 82775-08
Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**6.8**	1.0	mg/Kg	M EPA 8015	10/03/12 14:52
Octacosane (Diesel Surrogate)	92.2		% Recovery	M EPA 8015	10/03/12 14:52

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-7-8** Matrix : Soil Lab Number : 82775-09

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Ethylbenzene	**0.012**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Total Xylenes	**0.046**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Methyl-t-butyl ether (MTBE)	**0.12**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Tert-Butanol	**0.18**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 14:43
TPH as Gasoline	**2.1**	1.0	mg/Kg	EPA 8260B	10/05/12 14:43
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	10/04/12 14:43
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/04/12 14:43

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-8-8** Matrix : Soil Lab Number : 82775-10

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Tert-Butanol	**0.088**	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 10:25
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/12 10:25
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/04/12 10:25
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	10/04/12 10:25

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-9-8** Matrix : Soil Lab Number : 82775-11

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Total Xylenes	**0.0074**	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Tert-Butanol	**0.046**	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 13:30
TPH as Gasoline	**7.6**	1.0	mg/Kg	EPA 8260B	10/05/12 11:12
1,2-Dichloroethane-d4 (Surr)	99.9		% Recovery	EPA 8260B	10/04/12 13:30
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	10/04/12 13:30

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-10-8** Matrix : Soil Lab Number : 82775-12

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Methyl-t-butyl ether (MTBE)	**0.0052**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Tert-Butanol	**0.090**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 14:09
TPH as Gasoline	**18**	1.0	mg/Kg	EPA 8260B	10/05/12 11:52
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/04/12 14:09
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	10/04/12 14:09

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-11-3** Matrix : Soil Lab Number : 82775-13

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.25	0.25	mg/Kg	EPA 8260B	10/04/12 18:57
Toluene	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Ethylbenzene	**0.20**	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Total Xylenes	**0.062**	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Methyl-t-butyl ether (MTBE)	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Diisopropyl ether (DIPE)	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Ethyl-t-butyl ether (ETBE)	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Tert-amyl methyl ether (TAME)	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Tert-Butanol	< 0.15	0.15	mg/Kg	EPA 8260B	10/03/12 17:33
Ethanol	< 1.5	1.5	mg/Kg	EPA 8260B	10/09/12 01:24
TPH as Gasoline	**880**	25	mg/Kg	EPA 8260B	10/04/12 18:57
1,2-Dichloroethane-d4 (Surr)	97.0		% Recovery	EPA 8260B	10/04/12 18:57
Toluene - d8 (Surr)	83.5		% Recovery	EPA 8260B	10/03/12 17:33
2-Bromochlorobenzene (Surr)	90.4		% Recovery	EPA 8260B	10/03/12 17:33
TPH as Diesel	**780**	1.0	mg/Kg	M EPA 8015	10/04/12 16:17
Octacosane (Diesel Surrogate)	105		% Recovery	M EPA 8015	10/04/12 16:17

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-12-3** Matrix : Soil Lab Number : 82775-14

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.021**	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Ethylbenzene	**0.14**	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Total Xylenes	**0.015**	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Tert-Butanol	**0.23**	0.015	mg/Kg	EPA 8260B	10/04/12 17:08
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 17:08
TPH as Gasoline	**230**	15	mg/Kg	EPA 8260B	10/05/12 15:20
1,2-Dichloroethane-d4 (Surr)	82.2		% Recovery	EPA 8260B	10/04/12 17:08
Toluene - d8 (Surr)	86.1		% Recovery	EPA 8260B	10/04/12 17:08
2-Bromochlorobenzene (Surr)	104		% Recovery	EPA 8260B	10/05/12 15:20
TPH as Diesel	**280**	1.0	mg/Kg	M EPA 8015	10/04/12 15:36
Octacosane (Diesel Surrogate)	108		% Recovery	M EPA 8015	10/04/12 15:36

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-13-3** Matrix : Soil Lab Number : 82775-15

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Methyl-t-butyl ether (MTBE)	**0.0066**	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Tert-Butanol	**0.44**	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 16:00
TPH as Gasoline	**2.6**	1.0	mg/Kg	EPA 8260B	10/04/12 16:00
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	10/04/12 16:00
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/04/12 16:00
TPH as Diesel	**110**	1.0	mg/Kg	M EPA 8015	10/04/12 17:54
Octacosane (Diesel Surrogate)	109		% Recovery	M EPA 8015	10/04/12 17:54

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-14-3** Matrix : Soil Lab Number : 82775-16

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Methyl-t-butyl ether (MTBE)	**0.075**	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Tert-Butanol	**0.12**	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 16:34
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/12 16:34
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/04/12 16:34
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	10/04/12 16:34
TPH as Diesel	**2.7**	1.0	mg/Kg	M EPA 8015	10/04/12 18:57
Octacosane (Diesel Surrogate)	98.0		% Recovery	M EPA 8015	10/04/12 18:57

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-15-3** Matrix : Soil Lab Number : 82775-17

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.86**	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Toluene	**0.32**	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Ethylbenzene	**0.96**	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Total Xylenes	**3.4**	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Methyl-t-butyl ether (MTBE)	< 0.090	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Diisopropyl ether (DIPE)	< 0.090	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Ethyl-t-butyl ether (ETBE)	< 0.090	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Tert-amyl methyl ether (TAME)	< 0.090	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Tert-Butanol	< 0.50	0.50	mg/Kg	EPA 8260B	10/08/12 11:17
Ethanol	< 0.90	0.90	mg/Kg	EPA 8260B	10/08/12 11:17
TPH as Gasoline	**540**	9.0	mg/Kg	EPA 8260B	10/08/12 11:17
1,2-Dichloroethane-d4 (Surr)	95.4		% Recovery	EPA 8260B	10/08/12 11:17
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	10/08/12 11:17
2-Bromochlorobenzene (Surr)	110		% Recovery	EPA 8260B	10/08/12 11:17
TPH as Diesel	**4000**	5.0	mg/Kg	M EPA 8015	10/04/12 17:00
Octacosane (Diesel Surrogate)	93.5		% Recovery	M EPA 8015	10/04/12 17:00

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-16-3** Matrix : Soil Lab Number : 82775-18

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**1.4**	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Toluene	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Ethylbenzene	**7.7**	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Total Xylenes	**0.62**	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Methyl-t-butyl ether (MTBE)	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Diisopropyl ether (DIPE)	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Ethyl-t-butyl ether (ETBE)	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Tert-amyl methyl ether (TAME)	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Tert-Butanol	< 1.5	1.5	mg/Kg	EPA 8260B	10/08/12 21:48
Ethanol	< 2.5	2.5	mg/Kg	EPA 8260B	10/08/12 21:48
TPH as Gasoline	**1600**	25	mg/Kg	EPA 8260B	10/08/12 21:48
1,2-Dichloroethane-d4 (Surr)	94.6		% Recovery	EPA 8260B	10/08/12 21:48
Toluene - d8 (Surr)	96.3		% Recovery	EPA 8260B	10/08/12 21:48
2-Bromochlorobenzene (Surr)	95.4		% Recovery	EPA 8260B	10/08/12 21:48
TPH as Diesel	**6600**	5.0	mg/Kg	M EPA 8015	10/04/12 17:59
Octacosane (Diesel Surrogate)	82.7		% Recovery	M EPA 8015	10/04/12 17:59

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-17-3** Matrix : Soil Lab Number : 82775-19

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Tert-Butanol	**0.0062**	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/08/12 17:15
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/08/12 17:15
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/08/12 17:15
Toluene - d8 (Surr)	97.5		% Recovery	EPA 8260B	10/08/12 17:15
TPH as Diesel	**68**	1.0	mg/Kg	M EPA 8015	10/04/12 18:03
Octacosane (Diesel Surrogate)	101		% Recovery	M EPA 8015	10/04/12 18:03

Report Number : 82775

Date : 10/09/2012

QC Report : Method Blank Data

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/03/2012
Octacosane (Diesel Surrogate)	93.1		%	M EPA 8015	10/03/2012
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/08/2012
Octacosane (Diesel Surrogate)	103		%	M EPA 8015	10/08/2012
TPH as Diesel	< 50	50	ug/L	M EPA 8015	10/01/2012
Octacosane (Diesel Surrogate)	94.8		%	M EPA 8015	10/01/2012
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/05/2012
Octacosane (Diesel Surrogate)	80.6		%	M EPA 8015	10/05/2012
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/03/2012
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/03/2012
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	10/03/2012
Toluene - d8 (Surr)	100		%	EPA 8260B	10/03/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/08/2012
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/08/2012
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	10/08/2012
Toluene - d8 (Surr)	98.2		%	EPA 8260B	10/08/2012
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/2012
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/2012
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	10/04/2012
Toluene - d8 (Surr)	101		%	EPA 8260B	10/04/2012

Report Number : 82775

QC Report : Method Blank Data

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	10/03/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/03/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/03/2012
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	10/03/2012
Toluene - d8 (Surr)	96.6		%	EPA 8260B	10/03/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	82763-01	12	19.6	19.8	28.2	27.1	mg/Kg	M EPA 8015	10/3/12	81.2	74.8	8.26	60-140	25
TPH as Diesel	82789-13	5.1	20.0	19.9	29.7	27.5	mg/Kg	M EPA 8015	10/4/12	123	112	9.09	60-140	25
TPH as Diesel	BLANK	<50	1000	1000	929	991	ug/L	M EPA 8015	10/1/12	92.9	99.1	6.51	70-130	25
TPH as Diesel	82775-04	14	19.8	19.8	28.4	27.2	mg/Kg	M EPA 8015	10/5/12	74.4	68.0	8.96	60-140	25
Benzene	82768-05	0.0062	0.0390	0.0394	0.0445	0.0441	mg/Kg	EPA 8260B	10/3/12	98.2	96.0	2.22	67.9-120	25
Diisopropyl ether	82768-05	<0.0050	0.0385	0.0390	0.0372	0.0374	mg/Kg	EPA 8260B	10/3/12	96.5	95.9	0.679	65.2-122	25
Ethanol	82768-05	<0.050	0.0976	0.0987	0.173	0.182	mg/Kg	EPA 8260B	10/3/12	**177**	**184**	3.76	37.1-156	25
Ethyl-tert-butyl ether	82768-05	<0.0050	0.0388	0.0393	0.0331	0.0339	mg/Kg	EPA 8260B	10/3/12	85.4	86.2	0.976	64.6-122	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethylbenzene														
	82768-05	<0.0050	0.0390	0.0394	0.0370	0.0364	mg/Kg	EPA 8260B	10/3/12	94.9	92.4	2.68	65.5-127	25
Methyl-t-butyl ether														
	82768-05	0.16	0.0390	0.0394	0.244	0.272	mg/Kg	EPA 8260B	10/3/12	**206**	**275**	**28.7**	57.0-122	25
P + M Xylene														
	82768-05	<0.0050	0.0390	0.0394	0.0354	0.0353	mg/Kg	EPA 8260B	10/3/12	90.9	89.4	1.66	62.5-124	25
Tert-Butanol														
	82768-05	0.022	0.196	0.199	0.189	0.219	mg/Kg	EPA 8260B	10/3/12	85.3	99.4	15.2	64.3-122	25
Tert-amyl-methyl ether														
	82768-05	<0.0050	0.0389	0.0394	0.0367	0.0377	mg/Kg	EPA 8260B	10/3/12	94.2	95.8	1.64	64.9-122	25
Toluene														
	82768-05	<0.0050	0.0390	0.0394	0.0365	0.0363	mg/Kg	EPA 8260B	10/3/12	93.7	91.9	1.93	65.7-120	25
Benzene														
	82788-12	<0.0050	0.0388	0.0394	0.0346	0.0345	mg/Kg	EPA 8260B	10/8/12	89.3	87.6	1.92	67.9-120	25
Diisopropyl ether														
	82788-12	<0.0050	0.0383	0.0389	0.0319	0.0322	mg/Kg	EPA 8260B	10/8/12	83.2	82.6	0.646	65.2-122	25
Ethyl-tert-butyl ether														
	82788-12	<0.0050	0.0386	0.0392	0.0318	0.0320	mg/Kg	EPA 8260B	10/8/12	82.5	81.8	0.915	64.6-122	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethylbenzene														
	82788-12	<0.0050	0.0388	0.0394	0.0345	0.0346	mg/Kg	EPA 8260B	10/8/12	88.9	87.9	1.17	65.5-127	25
Methyl-t-butyl ether														
	82788-12	<0.0050	0.0388	0.0394	0.0304	0.0310	mg/Kg	EPA 8260B	10/8/12	78.3	78.6	0.392	57.0-122	25
P + M Xylene														
	82788-12	<0.0050	0.0388	0.0394	0.0340	0.0346	mg/Kg	EPA 8260B	10/8/12	87.8	88.0	0.194	62.5-124	25
Tert-Butanol														
	82788-12	<0.0050	0.195	0.198	0.169	0.172	mg/Kg	EPA 8260B	10/8/12	86.3	86.8	0.537	64.3-122	25
Tert-amyl-methyl ether														
	82788-12	<0.0050	0.0387	0.0393	0.0345	0.0343	mg/Kg	EPA 8260B	10/8/12	89.2	87.3	2.07	64.9-122	25
Toluene														
	82788-12	<0.0050	0.0388	0.0394	0.0336	0.0336	mg/Kg	EPA 8260B	10/8/12	86.8	85.4	1.62	65.7-120	25
Benzene														
	82775-10	<0.0050	0.0394	0.0394	0.0366	0.0373	mg/Kg	EPA 8260B	10/4/12	92.8	94.7	2.06	67.9-120	25
Diisopropyl ether														
	82775-10	<0.0050	0.0390	0.0389	0.0377	0.0378	mg/Kg	EPA 8260B	10/4/12	96.8	97.2	0.405	65.2-122	25
Ethanol														
	82775-10	<0.050	0.0987	0.0985	0.170	0.199	mg/Kg	EPA 8260B	10/4/12	**172**	**202**	15.8	37.1-156	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethyl-tert-butyl ether														
	82775-10	<0.0050	0.0393	0.0392	0.0332	0.0348	mg/Kg	EPA 8260B	10/4/12	84.6	88.7	4.70	64.6-122	25
Ethylbenzene														
	82775-10	<0.0050	0.0394	0.0394	0.0376	0.0382	mg/Kg	EPA 8260B	10/4/12	95.2	97.2	2.04	65.5-127	25
Methyl-t-butyl ether														
	82775-10	<0.0050	0.0394	0.0394	0.0332	0.0342	mg/Kg	EPA 8260B	10/4/12	84.2	86.8	3.02	57.0-122	25
P + M Xylene														
	82775-10	<0.0050	0.0394	0.0394	0.0357	0.0364	mg/Kg	EPA 8260B	10/4/12	90.5	92.4	2.07	62.5-124	25
Tert-Butanol														
	82775-10	0.088	0.199	0.198	0.269	0.293	mg/Kg	EPA 8260B	10/4/12	91.3	103	12.4	64.3-122	25
Tert-amyl-methyl ether														
	82775-10	<0.0050	0.0394	0.0393	0.0356	0.0366	mg/Kg	EPA 8260B	10/4/12	90.4	93.0	2.83	64.9-122	25
Toluene														
	82775-10	<0.0050	0.0394	0.0394	0.0367	0.0374	mg/Kg	EPA 8260B	10/4/12	93.0	95.0	2.14	65.7-120	25
Toluene														
	82854-17	<0.0050	0.0399	0.0394	0.0393	0.0368	mg/Kg	EPA 8260B	10/4/12	98.4	93.6	5.10	65.7-120	25
Toluene														
	82854-19	<0.0050	0.0388	0.0384	0.0389	0.0370	mg/Kg	EPA 8260B	10/5/12	100	96.4	4.00	65.7-120	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	82815-06	5.0	40.0	40.0	44.4	42.9	ug/L	EPA 8260B	10/3/12	98.6	94.7	3.96	80-120	25
Diisopropyl ether														
	82815-06	9.3	39.5	39.5	48.1	47.2	ug/L	EPA 8260B	10/3/12	98.2	95.9	2.35	80-120	25
Ethanol														
	82815-06	<5.0	100	100	92.7	97.6	ug/L	EPA 8260B	10/3/12	92.6	97.5	5.09	55.1-159	25
Ethyl-tert-butyl ether														
	82815-06	<0.50	39.8	39.8	38.0	37.4	ug/L	EPA 8260B	10/3/12	95.4	94.0	1.52	76.5-120	25
Ethylbenzene														
	82815-06	<0.50	40.0	40.0	41.1	39.5	ug/L	EPA 8260B	10/3/12	103	98.6	4.05	80-120	25
Methyl-t-butyl ether														
	82815-06	87	40.0	40.0	126	125	ug/L	EPA 8260B	10/3/12	97.2	95.8	1.46	69.7-121	25
P + M Xylene														
	82815-06	1.0	40.0	40.0	40.4	38.8	ug/L	EPA 8260B	10/3/12	98.4	94.4	4.17	76.8-120	25
Tert-Butanol														
	82815-06	270	202	202	468	462	ug/L	EPA 8260B	10/3/12	97.3	94.2	3.21	80-120	25
Tert-amyl-methyl ether														
	82815-06	<0.50	39.9	39.9	39.1	38.9	ug/L	EPA 8260B	10/3/12	97.9	97.3	0.538	78.9-120	25
Toluene														
	82815-06	0.53	40.0	40.0	38.7	37.3	ug/L	EPA 8260B	10/3/12	95.4	92.0	3.68	80-120	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethanol														
	82788-12	<0.050	0.0970	0.0985	0.0964	0.0554	mg/Kg	EPA 8260B	10/8/12	99.4	56.2	**55.4**	37.1-156	25

Report Number : 82775

QC Report : Laboratory Control Sample (LCS)

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/3/12	86.6	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/4/12	88.3	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/5/12	87.5	70-130
Benzene	0.0391	mg/Kg	EPA 8260B	10/3/12	99.2	67.9-120
Diisopropyl ether	0.0386	mg/Kg	EPA 8260B	10/3/12	104	65.2-122
Ethanol	0.0978	mg/Kg	EPA 8260B	10/3/12	**205**	37.1-156
Ethyl-tert-butyl ether	0.0389	mg/Kg	EPA 8260B	10/3/12	93.5	64.6-122
Ethylbenzene	0.0391	mg/Kg	EPA 8260B	10/3/12	103	65.5-127
Methyl-t-butyl ether	0.0391	mg/Kg	EPA 8260B	10/3/12	89.2	57.0-122
P + M Xylene	0.0391	mg/Kg	EPA 8260B	10/3/12	99.1	62.5-124
Tert-Butanol	0.197	mg/Kg	EPA 8260B	10/3/12	94.6	64.3-122
Tert-amyl-methyl ether	0.0390	mg/Kg	EPA 8260B	10/3/12	99.3	64.9-122
Toluene	0.0391	mg/Kg	EPA 8260B	10/3/12	99.9	65.7-120
Benzene	0.0373	mg/Kg	EPA 8260B	10/8/12	97.7	67.9-120
Diisopropyl ether	0.0369	mg/Kg	EPA 8260B	10/8/12	91.4	65.2-122
Ethanol	0.0934	mg/Kg	EPA 8260B	10/8/12	109	37.1-156
Ethyl-tert-butyl ether	0.0372	mg/Kg	EPA 8260B	10/8/12	93.0	64.6-122

Report Number : 82775

QC Report : Laboratory Control Sample (LCS)

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Ethylbenzene	0.0373	mg/Kg	EPA 8260B	10/8/12	98.2	65.5-127
Methyl-t-butyl ether	0.0373	mg/Kg	EPA 8260B	10/8/12	86.6	57.0-122
P + M Xylene	0.0373	mg/Kg	EPA 8260B	10/8/12	95.4	62.5-124
Tert-Butanol	0.188	mg/Kg	EPA 8260B	10/8/12	96.1	64.3-122
Tert-amyl-methyl ether	0.0373	mg/Kg	EPA 8260B	10/8/12	98.1	64.9-122
Toluene	0.0373	mg/Kg	EPA 8260B	10/8/12	95.5	65.7-120
Benzene	0.0375	mg/Kg	EPA 8260B	10/4/12	100	67.9-120
Diisopropyl ether	0.0371	mg/Kg	EPA 8260B	10/4/12	104	65.2-122
Ethanol	0.0939	mg/Kg	EPA 8260B	10/4/12	**204**	37.1-156
Ethyl-tert-butyl ether	0.0374	mg/Kg	EPA 8260B	10/4/12	93.8	64.6-122
Ethylbenzene	0.0375	mg/Kg	EPA 8260B	10/4/12	104	65.5-127
Methyl-t-butyl ether	0.0375	mg/Kg	EPA 8260B	10/4/12	88.6	57.0-122
P + M Xylene	0.0375	mg/Kg	EPA 8260B	10/4/12	99.7	62.5-124
Tert-Butanol	0.189	mg/Kg	EPA 8260B	10/4/12	95.0	64.3-122
Tert-amyl-methyl ether	0.0375	mg/Kg	EPA 8260B	10/4/12	99.7	64.9-122
Toluene	0.0375	mg/Kg	EPA 8260B	10/4/12	101	65.7-120
Toluene	0.0398	mg/Kg	EPA 8260B	10/4/12	99.0	65.7-120
Toluene	0.0393	mg/Kg	EPA 8260B	10/4/12	101	65.7-120

Report Number : 82775

QC Report : Laboratory Control Sample (LCS)

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.1	ug/L	EPA 8260B	10/3/12	100	80-120
Diisopropyl ether	39.6	ug/L	EPA 8260B	10/3/12	97.5	80-120
Ethanol	100	ug/L	EPA 8260B	10/3/12	89.9	55.1-159
Ethyl-tert-butyl ether	39.9	ug/L	EPA 8260B	10/3/12	96.8	76.5-120
Ethylbenzene	40.1	ug/L	EPA 8260B	10/3/12	102	80-120
Methyl-t-butyl ether	40.1	ug/L	EPA 8260B	10/3/12	88.2	69.7-121
P + M Xylene	40.1	ug/L	EPA 8260B	10/3/12	98.0	76.8-120
TPH as Gasoline	478	ug/L	EPA 8260B	10/3/12	106	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	10/3/12	98.7	80-120
Tert-amyl-methyl ether	40.0	ug/L	EPA 8260B	10/3/12	99.2	78.9-120
Toluene	40.1	ug/L	EPA 8260B	10/3/12	97.1	80-120

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 82775

Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Brian Gwinn	California EDF Report? ☐ Yes ☒ No
Company / Address: Blue Rock Env. 1169 Chess Dr. #C, Foster City	Sampling Company Log Code:
Phone Number: 650.522-9292	Global ID:
Fax Number: 650.522.9259	~~EDF~~ Deliverable To (Email Address): brian@bluerock-env.com
Project #: NOC-6 / P.O. #:	Bill to: Flyers Energy, Auburn, CA
Project Name: Olympian Cardlock Facility	Sampler Print Name: Brian Gwinn
	Sampler Signature:

Project Address: 131 Terminal Ct. SSF, CA

Analysis Request — PLEASE CIRCLE METHOD

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	Ethanol by 8260B				For Lab Use Only
Gas Pit Water	9/25/12	1055	6					X			X				X	X	X													X				X	01
Diesel Pit Water		1110	6					X			X												X												02
S-1-5		1123		1								X											X												03
S-2-5		1130		1								X											X												04
S-3-5		1137		1								X											X												05
S-4-5		1142		1								X											X												06
S-5-5		1145		1								X											X												07
S-6-5		1150		1								X											X												08
S-7-8		1156		1								X			X	X	X													X					09
S-8-8		1202		1								X			X	X	X													X					10

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	091212	1622	KIFF Analytical LLC

Remarks:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 061708

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 82775

Page 2 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Brian Gwinn

Company / Address: Blue Rock Env. 1164 Chess Dr. #C, Foster City

Phone Number: 650-522-9292

Fax Number: 650-522-9259

Project #: NOC-6

P.O. #:

Project Name: ~~Olympian~~ Olympian Cardlock Facility

California EDF Report? ☐ Yes ☒ No

Sampling Company Log Code:

Global ID:

~~EDF~~ Deliverable To (Email Address): brian@blue.rockenv.com

Bill to: Flyers Energy, Auburn, CA

Sampler Print Name: Brian Gwinn

Sampler Signature:

Project Address: 131 Terminal Ct. SSF, CA

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air
S-9-8	9/25/12	1208		1								X	
S-10-8		1213		1								X	
S-11-3		1220		1								X	
S-12-3		1223		1								X	
S-13-3		1226		1								X	
S-14-3		1232		1								X	
S-15-3		1235		1								X	
S-16-3		1241		1								X	
S-17-3		1245		1								X	

Analysis Request

PLEASE CIRCLE METHOD

MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	Ethanol by EPA 8260B			
	X	X	X						X							X			
	X	X	X													X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

For Lab Use Only: 11, 12, 13, 14, 15, 16, 17, 18, 19

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	092712	1622	KIFF Analytical LLC

Remarks:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 061708

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: TJB (Initials)

SRG#: 82775 Date: 092712

Project ID: Olympian Cardlock Facility

Method of Receipt: [X] Courier [ ] Over-the-counter [ ] Shipper

Shipping Only: [ ] FedEx * [ ] OnTrac * [ ] Greyhound [ ] Other *Service level if not Priority or Sunrise (M-F): _____

COC Inspection

Is COC present?	[X] Yes	[ ] No	
Custody seals on shipping container?	[ ] Intact	[ ] Broken	[ ] Not present [X] N/A
Is COC Signed by Relinquisher? [X] Yes [ ] No Dated?	~~[X] Yes~~ TJB 092712	[X] No	
Is sampler name legibly indicated on COC?	[X] Yes	[ ] No	
Is analysis or hold requested for all samples?	[X] Yes	[ ] No	
Is the turnaround time indicated on COC?	[X] Yes	[ ] No	
Is COC free of whiteout and uninitialed cross-outs?	[ ] Yes	[ ] No, Whiteout	[X] No, Cross-outs

Sample Inspection

Coolant Present: [X] Yes [ ] No (includes water)

Temperature °C 2-4 Therm. ID# IR-4 Initial LJM Date/Time 092712/1916 [ ] N/A

Are there custody seals on sample containers?	[ ] Intact	[ ] Broken	[X] Not present
Do containers match COC? [X] Yes [ ] No [ ] No, COC lists absent sample(s)		[ ] No, Extra sample(s) present	
Are there samples matrices other than soil, water, air or carbon?	[ ] Yes	[X] No	
Are any sample containers broken, leaking or damaged?	[ ] Yes	[X] No	
Are preservatives indicated? [ ] Yes, on sample containers	[X] Yes, on COC	[ ] Not indicated	[ ] N/A
Are preservatives correct for analyses requested?	[X] Yes	[ ] No	[ ] N/A
Are samples within holding time for analyses requested?	[X] Yes	[ ] No	
Are the correct sample containers used for the analyses requested?	[X] Yes	[ ] No	
Is there sufficient sample to perform testing?	[X] Yes	[ ] No	

Does any sample contain product, have strong odor or are otherwise suspected to be hot? [ ] Yes [X] No

Receipt Details

Matrix WA	Container type VOA	# of containers received 12
Matrix SO	Container type Sleeve	# of containers received 17
Matrix _____	Container type _____	# of containers received _____

Date and Time Sample Put into Temp Storage Date: 092712 Time: 1920

Quicklog

Are the Sample ID's indicated:	[ ] On COC	[ ] On sample container(s)	[X] On Both	[ ] Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	[X] Yes	[ ] No		[ ] N/A
Is the Project ID indicated:	[ ] On COC	[ ] On sample container(s)	[X] On Both	[ ] Not indicated
If project ID is listed on both COC and containers, do they all match?	[X] Yes	[ ] No		[ ] N/A
Are the sample collection dates indicated:	[ ] On COC	[ ] On sample container(s)	[X] On Both	[ ] Not indicated
If collection dates are listed on both COC and containers, do they all match?	[X] Yes	[ ] No		[ ] N/A
Are the sample collection times indicated:	[ ] On COC	[ ] On sample container(s)	[X] On Both	[ ] Not indicated
If collection times are listed on both COC and containers, do they all match?	[X] Yes	[ ] No		[ ] N/A

COMMENTS:

Darrell Cullen - 131 Terminal Ct., South San Francisco, CA - UST Removal Soil/Water Sample Report

From: "Brian Gwinn"
To: "Darrell Cullen"
Date: 10/23/2012 4:37 PM
Subject: 131 Terminal Ct., South San Francisco, CA - UST Removal Soil/Water Sample Report
CC: "Jacob Madden"
Attachments: "Jacob Madden"

Darrell,

Please find attached the UST System Removal Sampling Report for the subject project. Please let me know if you would also like a hard copy.

Please feel free to contact me with any questions about this project.

Sincerely,

Brian Gwinn, PG
Blue Rock Environmental, Inc.
1169 Chess Dr., Ste. C
Foster City, CA 94404
Voice: 650-522-9292
Fax: 650-522-9259
Cell: 415-377-6078
Email: brian@bluerockenv.com

BLUE ROCK ENVIRONMENTAL, INC.

Mr. Darrell Cullen
San Mateo County
Environmental Health Services Division
2000 Alameda de lad Pulgas, Suite 100
San Mateo, CA 94403

October 23, 2012

Re: **UST System Removal Sampling Report**
Olympian Cardlock Facility
131 Terminal Court
South San Francisco, California

Dear Mr. Cullen,

Blue Rock Environmental, Inc. (Blue Rock) is pleased to submit this report, on behalf of Flyers Energy LLC (Flyers), regarding soil and water samples collected during the recent removal of underground storage tank (UST) system at the subject site (Figure 1).

It is notable that a historical fuel release at the site is the subject of an ongoing regulatory case with the San Mateo County Groundwater Protection Program (case # 550158). Blue Rock understands that Conestoga-Rovers & Associates (CRA), working on behalf of Olympian, JV (the responsible party for that case), is currently in the process of implementing their *Subsurface Investigation and Remedial Action* dated July 25, 2012, which involves the excavation of previously documented soil impact from below the area of the former product piping / dispenser islands extending northwesterly toward Terminal Court. The proposed excavation area generally encompasses the locations where concentrations of total petroleum hydrocarbons as diesel (TPHd) and gasoline (TPHg) exceed 100 mg/kg, which is approximately 2,750 square feet from the depth 0 to 6 feet below ground surface (ft bgs) with localized deeper excavation extending to 10 ft bgs. An estimated 1,500 tons of impacted soil are planned for removal. Blue Rock understands that this work is tentatively scheduled to follow shortly after UST system removal activities. Information for the historical release case can be found at:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608126439

The purpose of this sampling, typical of all UST removals, is to evaluate the potential for a release from the system, or in this case, a newer release attributable to Flyers tenure at the site. Flyers has operated the UST system at the site since July 1, 2002. The results of sampling, discussed in the section below, were indicative of the historical release and not a new one.

UST System Removal Activities

On September 25, 2012, Musco Excavators, Inc. (Musco) of Santa Rosa, California removed three USTs from the site: two 10,000-gallon single-wall fiberglass diesel USTs (in a common pit) and one 6,000-gallon single-wall fiberglass gasoline UST (in a separate pit) (Figure 2). No obvious holes were observed in any of the tanks. All associated piping and dispenser islands were also removed.

Groundwater Sampling and Analysis

After all UST system components were removed soil and groundwater sampling began. Water samples were collected from the UST pits. The depth to water was approximately 5.5 ft bgs in the diesel UST pit was approximately 8 ft bgs in the gasoline UST pit.

One groundwater sample was collected from each pit. At the diesel UST pit, the groundwater sample was collected directly into laboratory supplied containers (Diesel Pit Water). At the gasoline UST pit, the groundwater sample was collected in a new disposable poly bailer and transferred to the sample containers (Gasoline Pit Water). The sample containers were labeled, documented on a chain-of-custody form, and placed on ice in a cooler for transport to the project laboratory.

The water samples were analyzed by Kiff Analytical, LLC (Kiff), a California DHS-certified laboratory, for concentrations of:

- TPHd by Modified EPA Method 8015 (Diesel Pit Water)
- TPHg and BTEX by EPA Method 8260B (Gas Pit Water)
- Fuel Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) by EPA Method 8260B (Gas Pit Water)
- Ethanol by EPA Method 8260B (Gas Pit Water)

Soil Sampling and Analysis

A total of 17 soil samples were collected from the sidewalls of the UST pits at depths at, or just above, standing water, and below the piping and dispense locations. Six samples were collected in the diesel UST pit (S-1-5 through S-6-5) and four samples were collected in the gasoline UST pit (S-7-8 through S-12-8). Five samples were collected below former dispenser island and piping locations (S-13-3 through S-17-3). Soil samples were collected directly in clean brass tubes, covered with Teflon® lined plastic end caps, labeled, documented on a chain of custody form, and placed on ice in a cooler for transport to the project laboratory.

The soil samples were analyzed by Kiff for concentrations of:

- TPHd by Modified EPA Method 8015 (all samples)
- TPHg and BTEX by EPA Method 8260B (all samples)
- Fuel Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) by EPA Method 8260B (all samples)
- Ethanol by EPA Method 8260B (all samples)

Laboratory Analytical Results and Discussion

Fuel constituents were detected in numerous samples. The most elevated concentrations of TPHd and TPHg (i.e. >100 mg/kg) were detected in samples collected below the former piping runs and dispenser islands, which is consistent with the area of impact previously identified for remedial excavation proposed by CRA. Low levels of MTBE were detected in a limited number of samples at levels consistent with what was previously documented at the site.

It is noteworthy that ethanol was not detected in any of the samples. Ethanol replaced MTBE as the primary fuel oxygenate in California following the latter's phase-out in 2003. The period of ethanol use in gasoline encompasses nearly the entire period of Flyers tenure on the site (i.e. July 2002 to present), and its absence in soil and groundwater samples indicates no significant gasoline release during that that time.

Analytical results for soil and groundwater samples are summarized in Table 1, and the laboratory report and chain-of-custody are attached.

Recommendations

The UST system removal sample results appear to be consistent the subsurface conditions previously documented for the Olympian, JV leaking UST case. No further action appears warranted or is recommended in relation to Flyers operation of the former UST system.

Certification

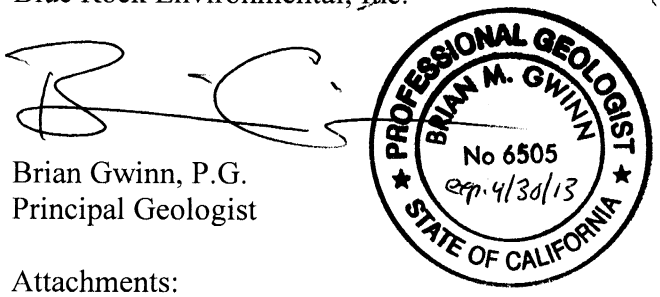
This report was prepared under the supervision of a California Professional Geologist at Blue Rock. All statements, conclusions, and recommendations are based upon published results from past consultants, field observations by Blue Rock, and analyses performed by a state-certified laboratory as they relate to the time, location, and depth of points sampled by Blue Rock. Interpretation of data, including spatial distribution and temporal trends, are based on commonly used geologic and scientific principles. It is possible that interpretations, conclusions, and recommendations presented in this report may change, as additional data become available and/or regulations change.

Information and interpretation presented herein are for the sole use of the client and regulating agency. The information and interpretation contained in this document should not be relied upon by a third party.

The service performed by Blue Rock has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area of the site. No other warranty, expressed or implied, is made.

If you have any questions regarding this project, please contact me at (650) 522-9292.

Sincerely,
Blue Rock Environmental, Inc.



Brian Gwinn, P.G.
Principal Geologist

Attachments:

- Figure 1: Site Location Map
- Figure 2: Site Plan with UST System Removal Samples
- Table 1: UST Removal Soil and Groundwater Sample Analytical Data
- Laboratory Analytical Reports and Chain-of-Custody Forms

Cc:

Amanda Appelt, Flyers Energy LLC, 2360 Lindbergh St., Auburn, CA 95602
Jacob Madden, San Mateo Co. GPP, 2000 Alameda de lad Pulgas, Suite 100, San Mateo, CA 94403

TABLE 1
UST System Removal Analytical Data
Olympian Cardlock Facility
131 Terminal Court
South San Francisco, CA

Soil Samples

Sample I.D.	Depth (ft bgs)	Sample Date	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	EtOH (mg/kg)
S-1-5	5	9/25/12	**80**	---	---	---	---	---	---	---	---	---	---	---
S-2-5	5	9/25/12	**14**	---	---	---	---	---	---	---	---	---	---	---
S-3-5	5	9/25/12	**1.1**	---	---	---	---	---	---	---	---	---	---	---
S-4-5	5	9/25/12	**2.7**	---	---	---	---	---	---	---	---	---	---	
S-5-5	5	9/25/12	**9.8**	---	---	---	---	---	---	---	---	---	---	---
S-6-5	5	9/25/12	**6.8**	---	---	---	---	---	---	---	---	---	---	---
S-7-8	8	9/25/12	---	**2.1**	<0.0050	<0.0050	**0.012**	**0.046**	**0.012**	<0.0050	<0.0050	<0.0050	**0.18**	<0.050
S-8-8	8	9/25/12	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.088**	<0.050
S-9-8	8	9/25/12	---	**7.6**	<0.0050	<0.0050	<0.0050	**0.0074**	<0.0050	<0.0050	<0.0050	<0.0050	**0.046**	<0.050
S-10-8	8	9/25/12	---	**18**	<0.0050	<0.0050	<0.0050	<0.0050	**0.0052**	<0.0050	<0.0050	<0.0050	**0.090**	<0.050
S-11-3	3	9/25/12	**780**	**880**	<0.25	<0.025	**0.20**	**0.062**	<0.025	<0.025	<0.025	<0.025	<0.15	<1.5
S-12-3	3	9/25/12	**280**	**230**	0.021	<0.0050	**0.14**	**0.015**	<0.0050	<0.0050	<0.0050	<0.0050	**0.23**	<0.050
S-13-3	3	9/25/12	**110**	**2.6**	<0.0050	<0.0050	<0.0050	<0.0050	**0.0066**	<0.0050	<0.0050	<0.0050	**0.44**	<0.050
S-14-3	3	9/25/12	**2.7**	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.075**	<0.0050	<0.0050	<0.0050	**0.12**	<0.050
S-15-3	3	9/25/12	**4,000**	**540**	**0.86**	**0.32**	**0.96**	**3.4**	<0.090	<0.090	<0.090	<0.090	<0.50	<0.90
S-16-3	3	9/25/12	**6,600**	**1,600**	**1.4**	<0.25	**7.7**	**0.62**	<0.25	<0.25	<0.25	<0.25	<1.5	<2.5
S-17-3	3	9/25/12	**68**	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0062**	<0.0050

Water Samples

Sample I.D.	Depth to Water (ft bgs)	Sample Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EtOH (µg/L)
Diesel Pit Water	~5.5	9/25/12	**23,000**	---	---	---	---	---	---	---	---	---	---	---
Gas Pit Water	~8	9/25/12	---	**2,200**	**20**	**7.4**	**140**	**66**	**170**	<0.50	<0.50	**1.8**	**250**	<8.0

Notes:

ft bgs	Feet below ground surface
TPHd	Total petroleum hydrocarbons as diesel by Modified EPA Method 8015.
TPHg	Total petroleum hydrocarbons as gasoline by EPA Method 8260B.
BTEX	Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260B.
MTBE	Methyl tert-butyl ether by EPA Method 8260B.
TBA, ETBE	Tert-butanol, ethyl tert-butyl ether,
DIPE, TAME	di-isopropyl ether, and tert-amyl methyl ether by EPA Method 8260B.
EtOH	Ethanol by EPA Method 8260B.
---	Not analyzed, not available, not applicable.
<###	Not detected at or above the indicated reporting limit.
mg/kg	Milligrams per kilogram.
µg/L	Micrograms per liter.

KIFF Analytical LLC

Report Number : 82775
Date : 10/09/2012

Laboratory Results

Brian Gwinn
Blue Rock Environmental, Inc.
1169 Chess Drive Suite C
Foster City, CA 94404

Subject : 17 Soil Samples and 2 Water Samples
Project Name : Olympian Cardlock Facility
Project Number : NOC-6

Dear Mr. Gwinn,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 82775
Date : 10/09/2012

Subject : 17 Soil Samples and 2 Water Samples
Project Name : Olympian Cardlock Facility
Project Number : NOC-6

Case Narrative

All soil samples were reported on a total weight (wet weight) basis.

The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample Gas Pit Water.

LCS and Matrix Spike/Matrix Spike Duplicate results associated with samples S-11-3, S-12-3, S-13-3, and S-14-3 for the analyte Ethanol were outside of control limits. This may indicate a bias for the sample that was spiked. Since Ethanol was not detected above the Method Reporting Limit in the associated samples, no data are flagged.

Matrix Spike/Matrix Spike Duplicate results associated with samples S-11-3, S-12-3, S-13-3, and S-14-3 for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

LCS and Matrix Spike/Matrix Spike Duplicate results associated with samples S-7-8, S-8-8, S-9-8, S-10-8, S-15-3, and S-16-3 for the analyte Ethanol were outside of control limits. This may indicate a bias for the sample that was spiked. Since Ethanol was not detected above the Method Reporting Limit in the associated samples, no data are flagged.

Matrix Spike/Matrix Spike Duplicate results associated with sample S-17-3 for the analyte Ethanol were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **Gas Pit Water** Matrix : Water Lab Number : 82775-01

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**20**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Toluene	**7.4**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Ethylbenzene	**140**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Total Xylenes	**66**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Methyl-t-butyl ether (MTBE)	**170**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/04/12 01:04
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/04/12 01:04
Tert-amyl methyl ether (TAME)	**1.8**	0.50	ug/L	EPA 8260B	10/04/12 01:04
Tert-Butanol	**250**	5.0	ug/L	EPA 8260B	10/04/12 01:04
Ethanol	< 8.0	8.0	ug/L	EPA 8260B	10/04/12 01:04
TPH as Gasoline	**2200**	50	ug/L	EPA 8260B	10/04/12 01:04
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	10/04/12 01:04
Toluene - d8 (Surr)	96.4		% Recovery	EPA 8260B	10/04/12 01:04

KIFF Analytical LLC

Report Number : 82775
Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**
Project Number : **NOC-6**

Sample : **Diesel Pit Water** Matrix : Water Lab Number : 82775-02
Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**23000**	50	ug/L	M EPA 8015	10/02/12 14:26
Octacosane (Diesel Surrogate)	88.2		% Recovery	M EPA 8015	10/02/12 14:26

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-1-5** Matrix : Soil Lab Number : 82775-03

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**80**	1.0	mg/Kg	M EPA 8015	10/03/12 14:27
Octacosane (Diesel Surrogate)	111		% Recovery	M EPA 8015	10/03/12 14:27

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-2-5** Matrix : Soil Lab Number : 82775-04

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**14**	1.0	mg/Kg	M EPA 8015	10/05/12 10:08
Octacosane (Diesel Surrogate)	76.9		% Recovery	M EPA 8015	10/05/12 10:08

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-3-5** Matrix : Soil Lab Number : 82775-05

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**1.1**	1.0	mg/Kg	M EPA 8015	10/03/12 15:42
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
Octacosane (Diesel Surrogate)	98.6		% Recovery	M EPA 8015	10/03/12 15:42

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-4-5** Matrix : Soil Lab Number : 82775-06

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**2.7**	1.0	mg/Kg	M EPA 8015	10/03/12 14:20
Octacosane (Diesel Surrogate)	97.2		% Recovery	M EPA 8015	10/03/12 14:20

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-5-5** Matrix : Soil Lab Number : 82775-07

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**9.8**	1.0	mg/Kg	M EPA 8015	10/03/12 14:22
Octacosane (Diesel Surrogate)	96.1		% Recovery	M EPA 8015	10/03/12 14:22

KIFF Analytical LLC

Report Number : 82775
Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**
Project Number : **NOC-6**

Sample : **S-6-5** Matrix : Soil Lab Number : 82775-08
Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
TPH as Diesel	**6.8**	1.0	mg/Kg	M EPA 8015	10/03/12 14:52
Octacosane (Diesel Surrogate)	92.2		% Recovery	M EPA 8015	10/03/12 14:52

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-7-8** Matrix : Soil Lab Number : 82775-09

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Ethylbenzene	**0.012**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Total Xylenes	**0.046**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Methyl-t-butyl ether (MTBE)	**0.12**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Tert-Butanol	**0.18**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:43
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 14:43
TPH as Gasoline	**2.1**	1.0	mg/Kg	EPA 8260B	10/05/12 14:43
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	10/04/12 14:43
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/04/12 14:43

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-8-8** Matrix : Soil Lab Number : 82775-10

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Tert-Butanol	**0.088**	0.0050	mg/Kg	EPA 8260B	10/04/12 10:25
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 10:25
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/12 10:25
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/04/12 10:25
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	10/04/12 10:25

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-9-8** Matrix : Soil Lab Number : 82775-11

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Total Xylenes	**0.0074**	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Tert-Butanol	**0.046**	0.0050	mg/Kg	EPA 8260B	10/04/12 13:30
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 13:30
TPH as Gasoline	**7.6**	1.0	mg/Kg	EPA 8260B	10/05/12 11:12
1,2-Dichloroethane-d4 (Surr)	99.9		% Recovery	EPA 8260B	10/04/12 13:30
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	10/04/12 13:30

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-10-8** Matrix : Soil Lab Number : 82775-12

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Methyl-t-butyl ether (MTBE)	**0.0052**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Tert-Butanol	**0.090**	0.0050	mg/Kg	EPA 8260B	10/04/12 14:09
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 14:09
TPH as Gasoline	**18**	1.0	mg/Kg	EPA 8260B	10/05/12 11:52
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/04/12 14:09
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	10/04/12 14:09

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-11-3** Matrix : Soil Lab Number : 82775-13

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.25	0.25	mg/Kg	EPA 8260B	10/04/12 18:57
Toluene	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Ethylbenzene	**0.20**	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Total Xylenes	**0.062**	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Methyl-t-butyl ether (MTBE)	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Diisopropyl ether (DIPE)	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Ethyl-t-butyl ether (ETBE)	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Tert-amyl methyl ether (TAME)	< 0.025	0.025	mg/Kg	EPA 8260B	10/03/12 17:33
Tert-Butanol	< 0.15	0.15	mg/Kg	EPA 8260B	10/03/12 17:33
Ethanol	< 1.5	1.5	mg/Kg	EPA 8260B	10/09/12 01:24
TPH as Gasoline	**880**	25	mg/Kg	EPA 8260B	10/04/12 18:57
1,2-Dichloroethane-d4 (Surr)	97.0		% Recovery	EPA 8260B	10/04/12 18:57
Toluene - d8 (Surr)	83.5		% Recovery	EPA 8260B	10/03/12 17:33
2-Bromochlorobenzene (Surr)	90.4		% Recovery	EPA 8260B	10/03/12 17:33
TPH as Diesel	**780**	1.0	mg/Kg	M EPA 8015	10/04/12 16:17
Octacosane (Diesel Surrogate)	105		% Recovery	M EPA 8015	10/04/12 16:17

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-12-3** Matrix : Soil Lab Number : 82775-14

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.021**	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Ethylbenzene	**0.14**	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Total Xylenes	**0.015**	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 17:08
Tert-Butanol	**0.23**	0.015	mg/Kg	EPA 8260B	10/04/12 17:08
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 17:08
TPH as Gasoline	**230**	15	mg/Kg	EPA 8260B	10/05/12 15:20
1,2-Dichloroethane-d4 (Surr)	82.2		% Recovery	EPA 8260B	10/04/12 17:08
Toluene - d8 (Surr)	86.1		% Recovery	EPA 8260B	10/04/12 17:08
2-Bromochlorobenzene (Surr)	104		% Recovery	EPA 8260B	10/05/12 15:20
TPH as Diesel	**280**	1.0	mg/Kg	M EPA 8015	10/04/12 15:36
Octacosane (Diesel Surrogate)	108		% Recovery	M EPA 8015	10/04/12 15:36

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-13-3** Matrix : Soil Lab Number : 82775-15

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Methyl-t-butyl ether (MTBE)	**0.0066**	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Tert-Butanol	**0.44**	0.0050	mg/Kg	EPA 8260B	10/04/12 16:00
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 16:00
TPH as Gasoline	**2.6**	1.0	mg/Kg	EPA 8260B	10/04/12 16:00
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	10/04/12 16:00
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/04/12 16:00
TPH as Diesel	**110**	1.0	mg/Kg	M EPA 8015	10/04/12 17:54
Octacosane (Diesel Surrogate)	109		% Recovery	M EPA 8015	10/04/12 17:54

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-14-3** Matrix : Soil Lab Number : 82775-16

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Methyl-t-butyl ether (MTBE)	**0.075**	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Tert-Butanol	**0.12**	0.0050	mg/Kg	EPA 8260B	10/04/12 16:34
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/12 16:34
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/12 16:34
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/04/12 16:34
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	10/04/12 16:34
TPH as Diesel	**2.7**	1.0	mg/Kg	M EPA 8015	10/04/12 18:57
Octacosane (Diesel Surrogate)	98.0		% Recovery	M EPA 8015	10/04/12 18:57

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-15-3** Matrix : Soil Lab Number : 82775-17

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.86**	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Toluene	**0.32**	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Ethylbenzene	**0.96**	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Total Xylenes	**3.4**	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Methyl-t-butyl ether (MTBE)	< 0.090	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Diisopropyl ether (DIPE)	< 0.090	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Ethyl-t-butyl ether (ETBE)	< 0.090	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Tert-amyl methyl ether (TAME)	< 0.090	0.090	mg/Kg	EPA 8260B	10/08/12 11:17
Tert-Butanol	< 0.50	0.50	mg/Kg	EPA 8260B	10/08/12 11:17
Ethanol	< 0.90	0.90	mg/Kg	EPA 8260B	10/08/12 11:17
TPH as Gasoline	**540**	9.0	mg/Kg	EPA 8260B	10/08/12 11:17
1,2-Dichloroethane-d4 (Surr)	95.4		% Recovery	EPA 8260B	10/08/12 11:17
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	10/08/12 11:17
2-Bromochlorobenzene (Surr)	110		% Recovery	EPA 8260B	10/08/12 11:17
TPH as Diesel	**4000**	5.0	mg/Kg	M EPA 8015	10/04/12 17:00
Octacosane (Diesel Surrogate)	93.5		% Recovery	M EPA 8015	10/04/12 17:00

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-16-3** Matrix : Soil Lab Number : 82775-18

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**1.4**	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Toluene	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Ethylbenzene	**7.7**	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Total Xylenes	**0.62**	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Methyl-t-butyl ether (MTBE)	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Diisopropyl ether (DIPE)	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Ethyl-t-butyl ether (ETBE)	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Tert-amyl methyl ether (TAME)	< 0.25	0.25	mg/Kg	EPA 8260B	10/08/12 21:48
Tert-Butanol	< 1.5	1.5	mg/Kg	EPA 8260B	10/08/12 21:48
Ethanol	< 2.5	2.5	mg/Kg	EPA 8260B	10/08/12 21:48
TPH as Gasoline	**1600**	25	mg/Kg	EPA 8260B	10/08/12 21:48
1,2-Dichloroethane-d4 (Surr)	94.6		% Recovery	EPA 8260B	10/08/12 21:48
Toluene - d8 (Surr)	96.3		% Recovery	EPA 8260B	10/08/12 21:48
2-Bromochlorobenzene (Surr)	95.4		% Recovery	EPA 8260B	10/08/12 21:48
TPH as Diesel	**6600**	5.0	mg/Kg	M EPA 8015	10/04/12 17:59
Octacosane (Diesel Surrogate)	82.7		% Recovery	M EPA 8015	10/04/12 17:59

KIFF Analytical LLC

Report Number : 82775

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Sample : **S-17-3** Matrix : Soil Lab Number : 82775-19

Sample Date :09/25/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Tert-Butanol	**0.0062**	0.0050	mg/Kg	EPA 8260B	10/08/12 17:15
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/08/12 17:15
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/08/12 17:15
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/08/12 17:15
Toluene - d8 (Surr)	97.5		% Recovery	EPA 8260B	10/08/12 17:15
TPH as Diesel	**68**	1.0	mg/Kg	M EPA 8015	10/04/12 18:03
Octacosane (Diesel Surrogate)	101		% Recovery	M EPA 8015	10/04/12 18:03

Report Number : 82775

Date : 10/09/2012

QC Report : Method Blank Data

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/03/2012
Octacosane (Diesel Surrogate)	93.1		%	M EPA 8015	10/03/2012
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/08/2012
Octacosane (Diesel Surrogate)	103		%	M EPA 8015	10/08/2012
TPH as Diesel	< 50	50	ug/L	M EPA 8015	10/01/2012
Octacosane (Diesel Surrogate)	94.8		%	M EPA 8015	10/01/2012
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/05/2012
Octacosane (Diesel Surrogate)	80.6		%	M EPA 8015	10/05/2012
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/03/2012
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/03/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/03/2012
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	10/03/2012
Toluene - d8 (Surr)	100		%	EPA 8260B	10/03/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/08/2012
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/08/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/08/2012
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	10/08/2012
Toluene - d8 (Surr)	98.2		%	EPA 8260B	10/08/2012
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Ethanol	< 0.050	0.050	mg/Kg	EPA 8260B	10/04/2012
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	10/04/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/2012
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	10/04/2012
Toluene - d8 (Surr)	101		%	EPA 8260B	10/04/2012

Report Number : 82775

QC Report : Method Blank Data

Date : 10/09/2012

Project Name : **Olympian Cardlock Facility**

Project Number : **NOC-6**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/04/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	10/03/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/03/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/03/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/03/2012
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	10/03/2012
Toluene - d8 (Surr)	96.6		%	EPA 8260B	10/03/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	82763-01	12	19.6	19.8	28.2	27.1	mg/Kg	M EPA 8015	10/3/12	81.2	74.8	8.26	60-140	25
TPH as Diesel	82789-13	5.1	20.0	19.9	29.7	27.5	mg/Kg	M EPA 8015	10/4/12	123	112	9.09	60-140	25
TPH as Diesel	BLANK	<50	1000	1000	929	991	ug/L	M EPA 8015	10/1/12	92.9	99.1	6.51	70-130	25
TPH as Diesel	82775-04	14	19.8	19.8	28.4	27.2	mg/Kg	M EPA 8015	10/5/12	74.4	68.0	8.96	60-140	25
Benzene	82768-05	0.0062	0.0390	0.0394	0.0445	0.0441	mg/Kg	EPA 8260B	10/3/12	98.2	96.0	2.22	67.9-120	25
Diisopropyl ether	82768-05	<0.0050	0.0385	0.0390	0.0372	0.0374	mg/Kg	EPA 8260B	10/3/12	96.5	95.9	0.679	65.2-122	25
Ethanol	82768-05	<0.050	0.0976	0.0987	0.173	0.182	mg/Kg	EPA 8260B	10/3/12	**177**	**184**	3.76	37.1-156	25
Ethyl-tert-butyl ether	82768-05	<0.0050	0.0388	0.0393	0.0331	0.0339	mg/Kg	EPA 8260B	10/3/12	85.4	86.2	0.976	64.6-122	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethylbenzene														
	82768-05	<0.0050	0.0390	0.0394	0.0370	0.0364	mg/Kg	EPA 8260B	10/3/12	94.9	92.4	2.68	65.5-127	25
Methyl-t-butyl ether														
	82768-05	0.16	0.0390	0.0394	0.244	0.272	mg/Kg	EPA 8260B	10/3/12	**206**	**275**	**28.7**	57.0-122	25
P + M Xylene														
	82768-05	<0.0050	0.0390	0.0394	0.0354	0.0353	mg/Kg	EPA 8260B	10/3/12	90.9	89.4	1.66	62.5-124	25
Tert-Butanol														
	82768-05	0.022	0.196	0.199	0.189	0.219	mg/Kg	EPA 8260B	10/3/12	85.3	99.4	15.2	64.3-122	25
Tert-amyl-methyl ether														
	82768-05	<0.0050	0.0389	0.0394	0.0367	0.0377	mg/Kg	EPA 8260B	10/3/12	94.2	95.8	1.64	64.9-122	25
Toluene														
	82768-05	<0.0050	0.0390	0.0394	0.0365	0.0363	mg/Kg	EPA 8260B	10/3/12	93.7	91.9	1.93	65.7-120	25
Benzene														
	82788-12	<0.0050	0.0388	0.0394	0.0346	0.0345	mg/Kg	EPA 8260B	10/8/12	89.3	87.6	1.92	67.9-120	25
Diisopropyl ether														
	82788-12	<0.0050	0.0383	0.0389	0.0319	0.0322	mg/Kg	EPA 8260B	10/8/12	83.2	82.6	0.646	65.2-122	25
Ethyl-tert-butyl ether														
	82788-12	<0.0050	0.0386	0.0392	0.0318	0.0320	mg/Kg	EPA 8260B	10/8/12	82.5	81.8	0.915	64.6-122	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethylbenzene														
	82788-12	<0.0050	0.0388	0.0394	0.0345	0.0346	mg/Kg	EPA 8260B	10/8/12	88.9	87.9	1.17	65.5-127	25
Methyl-t-butyl ether														
	82788-12	<0.0050	0.0388	0.0394	0.0304	0.0310	mg/Kg	EPA 8260B	10/8/12	78.3	78.6	0.392	57.0-122	25
P + M Xylene														
	82788-12	<0.0050	0.0388	0.0394	0.0340	0.0346	mg/Kg	EPA 8260B	10/8/12	87.8	88.0	0.194	62.5-124	25
Tert-Butanol														
	82788-12	<0.0050	0.195	0.198	0.169	0.172	mg/Kg	EPA 8260B	10/8/12	86.3	86.8	0.537	64.3-122	25
Tert-amyl-methyl ether														
	82788-12	<0.0050	0.0387	0.0393	0.0345	0.0343	mg/Kg	EPA 8260B	10/8/12	89.2	87.3	2.07	64.9-122	25
Toluene														
	82788-12	<0.0050	0.0388	0.0394	0.0336	0.0336	mg/Kg	EPA 8260B	10/8/12	86.8	85.4	1.62	65.7-120	25
Benzene														
	82775-10	<0.0050	0.0394	0.0394	0.0366	0.0373	mg/Kg	EPA 8260B	10/4/12	92.8	94.7	2.06	67.9-120	25
Diisopropyl ether														
	82775-10	<0.0050	0.0390	0.0389	0.0377	0.0378	mg/Kg	EPA 8260B	10/4/12	96.8	97.2	0.405	65.2-122	25
Ethanol														
	82775-10	<0.050	0.0987	0.0985	0.170	0.199	mg/Kg	EPA 8260B	10/4/12	**172**	**202**	15.8	37.1-156	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethyl-tert-butyl ether														
	82775-10	<0.0050	0.0393	0.0392	0.0332	0.0348	mg/Kg	EPA 8260B	10/4/12	84.6	88.7	4.70	64.6-122	25
Ethylbenzene														
	82775-10	<0.0050	0.0394	0.0394	0.0376	0.0382	mg/Kg	EPA 8260B	10/4/12	95.2	97.2	2.04	65.5-127	25
Methyl-t-butyl ether														
	82775-10	<0.0050	0.0394	0.0394	0.0332	0.0342	mg/Kg	EPA 8260B	10/4/12	84.2	86.8	3.02	57.0-122	25
P + M Xylene														
	82775-10	<0.0050	0.0394	0.0394	0.0357	0.0364	mg/Kg	EPA 8260B	10/4/12	90.5	92.4	2.07	62.5-124	25
Tert-Butanol														
	82775-10	0.088	0.199	0.198	0.269	0.293	mg/Kg	EPA 8260B	10/4/12	91.3	103	12.4	64.3-122	25
Tert-amyl-methyl ether														
	82775-10	<0.0050	0.0394	0.0393	0.0356	0.0366	mg/Kg	EPA 8260B	10/4/12	90.4	93.0	2.83	64.9-122	25
Toluene														
	82775-10	<0.0050	0.0394	0.0394	0.0367	0.0374	mg/Kg	EPA 8260B	10/4/12	93.0	95.0	2.14	65.7-120	25
Toluene														
	82854-17	<0.0050	0.0399	0.0394	0.0393	0.0368	mg/Kg	EPA 8260B	10/4/12	98.4	93.6	5.10	65.7-120	25
Toluene														
	82854-19	<0.0050	0.0388	0.0384	0.0389	0.0370	mg/Kg	EPA 8260B	10/5/12	100	96.4	4.00	65.7-120	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	82815-06	5.0	40.0	40.0	44.4	42.9	ug/L	EPA 8260B	10/3/12	98.6	94.7	3.96	80-120	25
Diisopropyl ether														
	82815-06	9.3	39.5	39.5	48.1	47.2	ug/L	EPA 8260B	10/3/12	98.2	95.9	2.35	80-120	25
Ethanol														
	82815-06	<5.0	100	100	92.7	97.6	ug/L	EPA 8260B	10/3/12	92.6	97.5	5.09	55.1-159	25
Ethyl-tert-butyl ether														
	82815-06	<0.50	39.8	39.8	38.0	37.4	ug/L	EPA 8260B	10/3/12	95.4	94.0	1.52	76.5-120	25
Ethylbenzene														
	82815-06	<0.50	40.0	40.0	41.1	39.5	ug/L	EPA 8260B	10/3/12	103	98.6	4.05	80-120	25
Methyl-t-butyl ether														
	82815-06	87	40.0	40.0	126	125	ug/L	EPA 8260B	10/3/12	97.2	95.8	1.46	69.7-121	25
P + M Xylene														
	82815-06	1.0	40.0	40.0	40.4	38.8	ug/L	EPA 8260B	10/3/12	98.4	94.4	4.17	76.8-120	25
Tert-Butanol														
	82815-06	270	202	202	468	462	ug/L	EPA 8260B	10/3/12	97.3	94.2	3.21	80-120	25
Tert-amyl-methyl ether														
	82815-06	<0.50	39.9	39.9	39.1	38.9	ug/L	EPA 8260B	10/3/12	97.9	97.3	0.538	78.9-120	25
Toluene														
	82815-06	0.53	40.0	40.0	38.7	37.3	ug/L	EPA 8260B	10/3/12	95.4	92.0	3.68	80-120	25

Report Number : 82775

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethanol														
	82788-12	<0.050	0.0970	0.0985	0.0964	0.0554	mg/Kg	EPA 8260B	10/8/12	99.4	56.2	**55.4**	37.1-156	25

Report Number : 82775

QC Report : Laboratory Control Sample (LCS)

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/3/12	86.6	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/4/12	88.3	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/5/12	87.5	70-130
Benzene	0.0391	mg/Kg	EPA 8260B	10/3/12	99.2	67.9-120
Diisopropyl ether	0.0386	mg/Kg	EPA 8260B	10/3/12	104	65.2-122
Ethanol	0.0978	mg/Kg	EPA 8260B	10/3/12	**205**	37.1-156
Ethyl-tert-butyl ether	0.0389	mg/Kg	EPA 8260B	10/3/12	93.5	64.6-122
Ethylbenzene	0.0391	mg/Kg	EPA 8260B	10/3/12	103	65.5-127
Methyl-t-butyl ether	0.0391	mg/Kg	EPA 8260B	10/3/12	89.2	57.0-122
P + M Xylene	0.0391	mg/Kg	EPA 8260B	10/3/12	99.1	62.5-124
Tert-Butanol	0.197	mg/Kg	EPA 8260B	10/3/12	94.6	64.3-122
Tert-amyl-methyl ether	0.0390	mg/Kg	EPA 8260B	10/3/12	99.3	64.9-122
Toluene	0.0391	mg/Kg	EPA 8260B	10/3/12	99.9	65.7-120
Benzene	0.0373	mg/Kg	EPA 8260B	10/8/12	97.7	67.9-120
Diisopropyl ether	0.0369	mg/Kg	EPA 8260B	10/8/12	91.4	65.2-122
Ethanol	0.0934	mg/Kg	EPA 8260B	10/8/12	109	37.1-156
Ethyl-tert-butyl ether	0.0372	mg/Kg	EPA 8260B	10/8/12	93.0	64.6-122

Report Number : 82775

QC Report : Laboratory Control Sample (LCS)

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Ethylbenzene	0.0373	mg/Kg	EPA 8260B	10/8/12	98.2	65.5-127
Methyl-t-butyl ether	0.0373	mg/Kg	EPA 8260B	10/8/12	86.6	57.0-122
P + M Xylene	0.0373	mg/Kg	EPA 8260B	10/8/12	95.4	62.5-124
Tert-Butanol	0.188	mg/Kg	EPA 8260B	10/8/12	96.1	64.3-122
Tert-amyl-methyl ether	0.0373	mg/Kg	EPA 8260B	10/8/12	98.1	64.9-122
Toluene	0.0373	mg/Kg	EPA 8260B	10/8/12	95.5	65.7-120
Benzene	0.0375	mg/Kg	EPA 8260B	10/4/12	100	67.9-120
Diisopropyl ether	0.0371	mg/Kg	EPA 8260B	10/4/12	104	65.2-122
Ethanol	0.0939	mg/Kg	EPA 8260B	10/4/12	**204**	37.1-156
Ethyl-tert-butyl ether	0.0374	mg/Kg	EPA 8260B	10/4/12	93.8	64.6-122
Ethylbenzene	0.0375	mg/Kg	EPA 8260B	10/4/12	104	65.5-127
Methyl-t-butyl ether	0.0375	mg/Kg	EPA 8260B	10/4/12	88.6	57.0-122
P + M Xylene	0.0375	mg/Kg	EPA 8260B	10/4/12	99.7	62.5-124
Tert-Butanol	0.189	mg/Kg	EPA 8260B	10/4/12	95.0	64.3-122
Tert-amyl-methyl ether	0.0375	mg/Kg	EPA 8260B	10/4/12	99.7	64.9-122
Toluene	0.0375	mg/Kg	EPA 8260B	10/4/12	101	65.7-120
Toluene	0.0398	mg/Kg	EPA 8260B	10/4/12	99.0	65.7-120
Toluene	0.0393	mg/Kg	EPA 8260B	10/4/12	101	65.7-120

Report Number : 82775

QC Report : Laboratory Control Sample (LCS)

Date : 10/09/2012

Project Name : **Olympian Cardlock**

Project Number : **NOC-6**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.1	ug/L	EPA 8260B	10/3/12	100	80-120
Diisopropyl ether	39.6	ug/L	EPA 8260B	10/3/12	97.5	80-120
Ethanol	100	ug/L	EPA 8260B	10/3/12	89.9	55.1-159
Ethyl-tert-butyl ether	39.9	ug/L	EPA 8260B	10/3/12	96.8	76.5-120
Ethylbenzene	40.1	ug/L	EPA 8260B	10/3/12	102	80-120
Methyl-t-butyl ether	40.1	ug/L	EPA 8260B	10/3/12	88.2	69.7-121
P + M Xylene	40.1	ug/L	EPA 8260B	10/3/12	98.0	76.8-120
TPH as Gasoline	478	ug/L	EPA 8260B	10/3/12	106	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	10/3/12	98.7	80-120
Tert-amyl-methyl ether	40.0	ug/L	EPA 8260B	10/3/12	99.2	78.9-120
Toluene	40.1	ug/L	EPA 8260B	10/3/12	97.1	80-120

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 82775

Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Brian Gwinn	California EDF Report? ☐ Yes ☒ No
Company / Address: Blue Rock Env. 1169 Chess Dr. #C, Foster City	Sampling Company Log Code:
Phone Number: 650.522-9292	Global ID:
Fax Number: 650.522.9259	~~EDF~~ Deliverable To (Email Address): brian@bluerock-env.com
Project #: NOC-6 / P.O. #:	Bill to: Flyers Energy, Auburn, CA
Project Name: Olympian Cardlock Facility	Sampler Print Name: Brian Gwinn
	Sampler Signature:

Project Address: 131 Terminal Ct. SSF, CA

Analysis Request — PLEASE CIRCLE METHOD

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	Ethanol by 8260B				For Lab Use Only
Gas Pit Water	9/25/12	1055	6					X			X				X	X	X													X				X	01
Diesel Pit Water		1110	6					X			X												X												02
S-1-5		1123		1								X											X												03
S-2-5		1130		1								X											X												04
S-3-5		1137		1								X											X												05
S-4-5		1142		1								X											X												06
S-5-5		1145		1								X											X												07
S-6-5		1150		1								X											X												08
S-7-8		1156		1								X			X	X	X													X					09
S-8-8		1202		1								X			X	X	X													X					10

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	091212	1622	KIFF Analytical LLC

Remarks:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 061708

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 82775

Page 2 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Brian Gwinn

Company / Address: Blue Rock Env. 1164 Chess Dr. #C, Foster City

Phone Number: 650-522-9292

Fax Number: 650-522-9259

Project #: NOC-6

P.O. #:

Project Name: ~~Olympian~~ Olympian Cardlock Facility

California EDF Report? ☐ Yes ☒ No

Sampling Company Log Code:

Global ID:

~~EDF~~ Deliverable To (Email Address): brian@blue.rockenv.com

Bill to: Flyers Energy, Auburn, CA

Sampler Print Name: Brian Gwinn

Sampler Signature:

Project Address: 131 Terminal Ct. SSF, CA

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air
S-9-8	9/25/12	1208		1								X	
S-10-8		1213		1								X	
S-11-3		1220		1								X	
S-12-3		1223		1								X	
S-13-3		1226		1								X	
S-14-3		1232		1								X	
S-15-3		1235		1								X	
S-16-3		1241		1								X	
S-17-3		1245		1								X	

Analysis Request

PLEASE CIRCLE METHOD

MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	Ethanol by EPA 8260B			
	X	X	X						X							X			
	X	X	X													X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			
	X	X	X						X							X			

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

For Lab Use Only: 11, 12, 13, 14, 15, 16, 17, 18, 19

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	092712	1622	KIFF Analytical LLC

Remarks:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 061708

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: TJB (Initials)

SRG#: 82775 Date: 092712

Project ID: Olympian Cardlock Facility

Method of Receipt: [X] Courier [ ] Over-the-counter [ ] Shipper

Shipping Only: [ ] FedEx * [ ] OnTrac * [ ] Greyhound [ ] Other *Service level if not Priority or Sunrise (M-F): _____

COC Inspection

Is COC present?	[X] Yes	[ ] No	
Custody seals on shipping container?	[ ] Intact	[ ] Broken	[ ] Not present [X] N/A
Is COC Signed by Relinquisher? [X] Yes [ ] No Dated?	~~[X] Yes~~ TJB 092712	[X] No	
Is sampler name legibly indicated on COC?	[X] Yes	[ ] No	
Is analysis or hold requested for all samples?	[X] Yes	[ ] No	
Is the turnaround time indicated on COC?	[X] Yes	[ ] No	
Is COC free of whiteout and uninitialed cross-outs?	[ ] Yes	[ ] No, Whiteout	[X] No, Cross-outs

Sample Inspection

Coolant Present: [X] Yes [ ] No (includes water)

Temperature °C 2-4 Therm. ID# IR-4 Initial LJM Date/Time 092712/1916 [ ] N/A

Are there custody seals on sample containers?	[ ] Intact	[ ] Broken	[X] Not present
Do containers match COC? [X] Yes [ ] No [ ] No, COC lists absent sample(s)		[ ] No, Extra sample(s) present	
Are there samples matrices other than soil, water, air or carbon?	[ ] Yes	[X] No	
Are any sample containers broken, leaking or damaged?	[ ] Yes	[X] No	
Are preservatives indicated? [ ] Yes, on sample containers	[X] Yes, on COC	[ ] Not indicated	[ ] N/A
Are preservatives correct for analyses requested?	[X] Yes	[ ] No	[ ] N/A
Are samples within holding time for analyses requested?	[X] Yes	[ ] No	
Are the correct sample containers used for the analyses requested?	[X] Yes	[ ] No	
Is there sufficient sample to perform testing?	[X] Yes	[ ] No	

Does any sample contain product, have strong odor or are otherwise suspected to be hot? [ ] Yes [X] No

Receipt Details

Matrix WA	Container type VOA	# of containers received 12
Matrix SO	Container type Sleeve	# of containers received 17
Matrix _____	Container type _____	# of containers received _____

Date and Time Sample Put into Temp Storage Date: 092712 Time: 1920

Quicklog

Are the Sample ID's indicated:	[ ] On COC	[ ] On sample container(s)	[X] On Both	[ ] Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	[X] Yes	[ ] No		[ ] N/A
Is the Project ID indicated:	[ ] On COC	[ ] On sample container(s)	[X] On Both	[ ] Not indicated
If project ID is listed on both COC and containers, do they all match?	[X] Yes	[ ] No		[ ] N/A
Are the sample collection dates indicated:	[ ] On COC	[ ] On sample container(s)	[X] On Both	[ ] Not indicated
If collection dates are listed on both COC and containers, do they all match?	[X] Yes	[ ] No		[ ] N/A
Are the sample collection times indicated:	[ ] On COC	[ ] On sample container(s)	[X] On Both	[ ] Not indicated
If collection times are listed on both COC and containers, do they all match?	[X] Yes	[ ] No		[ ] N/A

COMMENTS:

Darrell Cullen - 131 Terminal Closure Letter

From: Darrell Cullen
To: amandaa@4flyers.com
Date: 11/6/2012 4:12 PM
Subject: 131 Terminal Closure Letter
CC: Madden, Jacob
Attachments: Madden, Jacob

Hi Amanda:
here is a closure letter for the UST removal at Flyers #412 at 131 Terminal. Please confirm receipt of this letter. Let me know if you need anything else.

Darrell Cullen, REHS
Hazardous Materials Specialist
County of San Mateo
(650) 372-6230
NEW EMAIL: dacullen@smcgov.org

Save Paper. Think Before You Print.

San Mateo County
Health System

November 6, 2012

Flyers Energy LLC
Attention: Ms. Amanda Appelt
2360 Lindbergh Street
Auburn, CA 95602

Subject: Removal of Three Underground Storage Tanks
Site: Facility #412, 131 Terminal Court South San Francisco, CA 94080

Ms. Appelt:

This letter confirms the removal of three (2-10,000 gallon and 1-6,000 gallon) single-wall fiberglass underground storage tanks used for storing diesel and regular gasoline at 131 Terminal Court in South San Francisco, California. These tanks were removed under San Mateo County oversight on September 25, 2012. Remediation of contaminants associated with this tank removal has been under the direction of the San Mateo County Groundwater Protection Program. No further action is required at this time for the CUPA (Certified Unified Program Agency) programs regarding the removal of this underground storage tank.

This site is currently an open Leaking Underground Fuel Tank (LUFT) case with the Groundwater Protection Program. This letter does not relieve you of any requirements set forth through the Groundwater Protection Program for LUFT sites. **Please continue forward with any requirements and/or involvement with Groundwater Protection Program staff.**

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

Thank you for your cooperation in this matter. I may be reached at (650) 372-6230.

Respectfully,

Darrell Cullen, REHS
Hazardous Materials Specialist

Javier, Marie Rose

From: South San Francisco Public Records Support <southsanfranciscoca@mycusthelp.net>
Sent: Monday, March 14, 2022 11:22 AM
To: Javier, Marie Rose
Subject: Public Records Request :: R004883-030922

CAUTION: External Email

--- Please respond above this line ---

OFFICE OF THE CITY CLERK

RE: PUBLIC RECORDS REQUEST of March 09, 2022, Reference # R004883-030922

Dear Marie Rose,

The City of South San Francisco received a public information request from you on March 09, 2022. Your request mentioned:

"Haley & Aldrich is an environmental engineering company conducting a Phase I Environmental Site Assessment of the properties located at:

101 Terminal Court, South San Francisco, CA 94080; APN 015-113-240
131 Terminal Court, South San Francisco, CA 94080; APN 015-113-210

We are interested in any environmental files (hazardous material/hazardous waste storage or spills, underground/aboveground storage tanks, etc.) you may have for these properties or neighboring properties. Please let me know if you need anything else to conduct this review.

Thank you for your attention to this request."

The City of South San Francisco has reviewed its files and has determined there are no responsive records per your request.

If you have any questions, or wish to discuss this further, you may contact the City Clerk's Office at (650) 877-8518.

Sincerely,

Gabriel Rodriguez
Deputy City Clerk

City Hall: 400 Grand Avenue • South San Francisco, CA 94080 • P.O. Box 711 • South San Francisco, CA 94083
Phone: 650-877-8518 • Fax: 650-829-6641 • www.ssf.net

To monitor the progress or update this request please log into the Public Records Center.

101-131 Terminal Court
101 Terminal Court
South San Francisco, CA 94080

Inquiry Number: 6884057.7
March 10, 2022

EDR Environmental Lien and AUL Search

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

101 Terminal Court
101-131 Terminal Court
South San Francisco, CA 94080

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

San Mateo Recorder
San Mateo, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	Golden Gate Produce Terminal Ltd
Title received from:	Sunset Produce Co SSP Partners
Deed Dated	2/2/2004
Deed Recorded:	3/9/2004
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	Golden Gate Produce Terminal Ltd
Parcel # / Property Identifier:	015-113-210
Comments:	See Exhibit

Deed 2:

Type of Deed:	deed
Title is vested in:	Commerce Trust Co Trustee
Title received from:	Martin Bloom Trustee
Deed Dated	1/21/2010
Deed Recorded:	1/29/2010
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	Commerce Trust Co Trustees
Parcel # / Property Identifier:	015-113-240
Comments:	See Exhibit

Deed Exhibit 1

RECORDING REQUESTED BY:

MICHAEL VALENCIA

WHEN RECORDED MAIL TO:

MICHAEL VALENCIA
600 EL CAMINO REAL
SAN BRUNO, CA 94066-0279

2004-042164
09:00am 03/09/04 DE Fee: 28.00
Count of pages 8
Recorded in Official Records
County of San Mateo
Warren Slocum
Assessor-County Clerk-Recorder

* 2 0 0 4 0 0 4 2 1 6 4 A R *

THIS SPACE FOR RECORDER'S USE ONLY

8p

DOCUMENTARY TRANSFER TAX DUE $ -0-
☐ COMPUTED ON FULL VALUE OF PROPERTY CONVEYED.
☐ COMPUTED ON FULL VALUE LESS LIENS&ENCUMBRANCES REMAINING
Declarant's Signature or Agent
Print Name
CITY OF SSF
☐ UNINCORPORATED
ASSESSOR PARCEL #

TITLE OF DOCUMENT

* QUITCLAIM DEED FROM TENANT TO LANDLORD TO ELIMINATE LEASEHOLD INTEREST FROM RECORD TITLE

THIS PAGE ADDED TO PROVIDE ADEQUATE SPACE FOR RECORDING INFORMATION
(Additional Recording Fee Applies)
(Govt. Code 27361.6)

QUITCLAIM DEED

This Quitclaim Deed dated as of February 2, 2004 is executed by Sunset Produce Co., a California corporation ("Sunset") and S.S.P. Partners, a California Partnership ("SSP"), AS GRANTORS, GRANT TO GOLDEN GATE PRODUCE TERMINAL, LTD., A CALIFORNIA LIMITED PARTNERSHIP, GRANTEE, AS FOLLOWS:

RECITALS

1. On or about July 1, 1994, Sunset and SSP entered into an Assignment of Lease wherein Sunset assigned its interest in and to certain leasehold interests hereinafter described to SSP.
2. The Leasehold interest assigned by Sunset to SSP are those interests described in that certain Lease dated March 30, 1962 together with the addendums thereto dated May 1, 1962, September 15, 1962 and November 4, 1962, all of which are between Golden Gate Produce Terminal, Inc., a California Corporation, as Lessor and Sunset as Lessee affecting Stalls 24 through 34 at Golden Gate Produce Terminal at South San Francisco, California on real property more particularly described in Exhibit A attached hereto and by this reference incorporated herein: all of the foregoing documents are by this reference incorporated herein and shall hereinafter be referred to as the "Leasehold Interest".
3. On or about August 26, 1994, a Memorandum of Assignment of Lease was recorded referencing the foregoing recitals. As a result of the recordation of said Memorandum of Assignment of Lease, an exception has consistently been reflected in the Title history of the lands of Golden Gate Produce Terminal, Inc., a California Corporation. Sunset and SSP desire to execute this Quitclaim Deed for the purpose of clearing any exception to title created by the prior filing and recordation of any Memorandum of Assignment of Lease. Accordingly, Sunset Produce Company, A California Corporation and S.S.P. Partners, A California Partnership hereby remises, releases, and quitclaims to Golden Gate Produce Terminal, Ltd., a California Limited Partnership all of its right, title and interest in and to the real property located at Golden Gate Produce Terminal in South San Francisco, California, said real property being more particularly described in Exhibit A attached hereto and by this reference incorporated herein.

Executed this 2nd day of February, 2004.

SUNSET PRODUCE CO.
a California Corporation

By: _____
Michael Milani, President

By: _____
Michael Comstock, Secretary

S.S.P. PARTNERS,
a California Partnership

By: _____
Michael Milani

By: _____
Linda Milani

By: _____
Manuel Picazo

Z:\Clients.mjv\GGPT\QUITCLAIM -Sunset Produce & SSP

Real property in the City of South San Francisco, County of San Mateo, State of California, described as follows:

PARCEL I:

BEGINNING AT A POINT, SAID POINT OF BEGINNING BEING THE SOUTHWEST CORNER OF THAT CERTAIN 43.56 ACRE TRACT CONVEYED BY DEED FROM SOUTH SAN FRANCISCO LAND AND IMPROVEMENT COMPANY, A CORPORATION TO A.D. SCHADER RECORDED AUGUST 25, 1945 IN BOOK 1202 OF OFFICIAL RECORDS, PAGE 206; THENCE ALONG SAID WESTERLY BOUNDARY OF SAID 43.56 ACRE TRACT, NORTH 11° 39' EAST 1060.00 FEET TO THE NORTHWEST CORNER OF SAID 43.56 ACRE TRACT; THENCE ALONG SAID NORTHERLY BOUNDARY OF SAID 43.56 ACRE TRACT NORTH 74° 48' 11" EAST 647.52 FEET TO THE WESTERLY LINE OF BAYSHORE FREEWAY; THENCE SOUTH 3° 53' EAST 35 FEET ALONG WESTERLY LINE OF BAYSHORE FREEWAY; THENCE SOUTH 74° 48' 11" WEST 124.15 FEET; THENCE SOUTH 3° 59' 20" EAST 249.20 FEET; THENCE SOUTH 11° 39' WEST 1233.00 FEET TO THE SOUTHERLY BOUNDARY OF SAID 43.56 ACRE TRACT; THENCE ALONG SOUTHERLY BOUNDARY OF SAID 43.56 ACRE TRACT NORTH 51° 13' 39" WEST 460.49 FEET; THENCE NORTH 76° 40' WEST 13.66 FEET; THENCE NORTH 78° 21' WEST 120.00 FEET TO THE POINT OF BEGINNING

PARCEL II:

BEGINNING AT A POINT ON THE SOUTHERLY LINE OF THE LANDS DESCRIBED IN THE DEED FROM PRODUCE LAND AND INVESTMENT COMPANY, A CALIFORNIA CORPORATION, TO LAWRENCE BARRETT, AS TRUSTEE, RECORDED NOVEMBER 8, 1961, IN BOOK 4089 OF OFFICIAL RECORDS, PAGE 471, DISTANT ALONG SAID SOUTHERLY LINE NORTH 74° 48' 11" EAST 125 FEET FROM THE SOUTHWESTERLY CORNER OF SAID LANDS; THENCE FROM SAID POINT OF BEGINNING SOUTH 74° 48' 11" WEST ALONG SAID SOUTHERLY LINE 125 FEET TO THE SAID SOUTHWESTERLY CORNER; THENCE NORTH 11° 39' EAST ALONG THE WESTERLY LINE OF SAID LANDS, SAID LAST MENTIONED LINE ALSO BEING THE EASTERLY LINE OF A 33 FOOT RIGHT OF WAY FOR RAILROAD PURPOSES, A DISTANCE OF 275 FEET; THENCE SOUTHEASTERLY IN A DIRECT LINE TO THE POINT OF BEGINNING.

PARCEL III:

BEGINNING AT A POINT IN THE WESTERLY BOUNDARY LINE OF THE BAYSHORE FREEWAY, SAID POINT OF BEGINNING BEARING SOUTH 5° 46' 32" WEST 991.13 FEET, SOUTH 74° 48' 11" WEST 125.94 FEET, SOUTH 4° 18' 16" EAST 86.08 FEET AND SOUTH 3° 51' 56" EAST (CALLED SOUTH 3° 56' 40" EAST IN THE DEED TO THE STATE OF CALIFORNIA, RECORDED OCTOBER 19, 1946 IN BOOK 1309 OF OFFICIAL RECORDS, PAGE 344, 270.74 FEET FROM THE CORNER COMMON TO SECTIONS 21-22-27 AND 28, TOWNSHIP 3 SOUTH, RANGE 5 WEST MOUNT DIABLO BASE AND MERIDIAN, SAID POINT ALSO BEING THE SOUTHWESTERLY CORNER OF

SAID LANDS IN DEED TO THE STATE OF CALIFORNIA, RECORDED OCTOBER 19, 1946; THENCE FROM SAID POINT OF BEGINNING, ALONG SAID WESTERLY BOUNDARY OF BAYSHORE FREEWAY NORTH 3° 51' 56" WEST 30 FEET; THENCE LEAVING SAID WESTERLY BOUNDARY LINE SOUTH 74° 48' 11" WEST 360 FEET; THENCE SOUTH 3° 51' 56" EAST 30 FEET TO THE SOUTHERLY LINE OF LANDS DESCRIBED IN DEED FROM LOUIS D. ROUND AND WIFE TO ROUND CALIFORNIA CHAIN CORPORATION LTD., AS CORPORATION, RECORDED FEBRUARY 24, 1931 IN BOOK 511 OF OFFICIAL RECORDS, PAGE 321; THENCE ALONG SAID SOUTHERLY LINE NORTH 74° 48' 11" EAST 360 FEET TO THE POINT OF BEGINNING.

PARCEL IV:

AN EASEMENT 20 FEET IN WIDTH FOR INGRESS AND EGRESS FOR ALL MOTOR VEHICLES, AS GRANTED IN THE DEED FROM SOUTH SAN FRANCISCO LAND AND IMPROVEMENT COMPANY AND EDWARD P. KAUFFMAN, ET UX TO A. D. SCHADER COMPANY, RECORDED FEBRUARY 16, 1953 IN BOOK 2367 OF OFFICIAL RECORDS, PAGE 653; SAID 20 FOOT STRIP LYING ALONG SAID EASTERLY OF THE FOLLOWING DESCRIBED LINE, TO WIT:

BEGINNING AT THE SOUTHWEST CORNER OF THAT CERTAIN 43.56 ACRE TRACT CONVEYED BY DEED FROM SOUTH SAN FRANCISCO LAND AND IMPROVEMENT COMPANY TO A. D. SCHADER DATED AUGUST 8, 1945 AND RECORDED AUGUST 25, 1945 IN BOOK 1202 OF OFFICIAL RECORDS AT PAGE 206; THENCE FROM SAID POINT OF BEGINNING ALONG THE EASTERLY LINE OF THAT CERTAIN 33 FOOT STRIP OF LAND CONVEYED BY DEED FROM SOUTH SAN FRANCISCO LAND AND IMPROVEMENT COMPANY TO SOUTHERN PACIFIC COMPANY, JUNE 24, 1947 AND RECORDED AUGUST 20, 1947 IN BOOK 1371 OF OFFICIAL RECORDS, PAGE 338, SOUTH 11° 39' WEST 249.85 FEET TO THE POINT OF CURVATURE; THENCE ON A CURVE TO THE LEFT TANGENT TO THE PRECEDING COURSE WITH A RADIUS OF 563.14 FEET, AN ARC DISTANCE OF 341.41 FEET MORE OR LESS TO THE NORTHERLY LINE OF SHAW ROAD, AS SAID ROAD IS SHOWN ON, AND DEDICATED BY, MAP ENTITLED, "INDUSTRIAL ACRES", RECORDED IN BOOK 35 OF MAPS AT PAGES 10 AND 11, SAN MATEO COUNTY RECORDS.

APN: 015-113-210-7

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Mateo

On 02-02-04 (Date) before me, Mario Caimotto (Name and Title of Officer (e.g., "Jane Doe, Notary Public")),

personally appeared Linda Milani (Name(s) of Signer(s)),

☒ personally known to me – **OR** – ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(~~ies~~), and that by ~~his~~/her/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

MARIO CAIMOTTO
COMM. #1342310
NOTARY PUBLIC-CALIFORNIA
SAN MATEO COUNTY
My Commission Expires Feb. 7, 2006

WITNESS my hand and official seal.

Mario Caimotto
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer Is Representing:

_____

_____

Signer's Name: _____

☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer Is Representing:

_____

_____

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Mateo

On 2-2-04 (Date) before me, Mario Caimotto (Name and Title of Officer (e.g., "Jane Doe, Notary Public")),

personally appeared Michael Milani (Name(s) of Signer(s)),

☒ personally known to me – **OR** – ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

MARIO CAIMOTTO
COMM. #1342310
NOTARY PUBLIC-CALIFORNIA
SAN MATEO COUNTY
My Commission Expires Feb. 7, 2006

WITNESS my hand and official seal.

Mario Caimotto
Signature of Notary Public

OPTIONAL

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Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____	Signer's Name: _____
☐ Individual	☐ Individual
☐ Corporate Officer	☐ Corporate Officer
Title(s): _____	Title(s): _____
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact	☐ Attorney-in-Fact
☐ Trustee	☐ Trustee
☐ Guardian or Conservator	☐ Guardian or Conservator
☐ Other: _____	☐ Other: _____
RIGHT THUMBPRINT OF SIGNER Top of thumb here	RIGHT THUMBPRINT OF SIGNER Top of thumb here
Signer Is Representing: _____	Signer Is Representing: _____

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Mateo

On 2-4-04 (Date) before me, Mario Caimotto (Name and Title of Officer (e.g., "Jane Doe, Notary Public")),

personally appeared Manuel Picazo (Name(s) of Signer(s)),

☒ personally known to me – **OR** – ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

MARIO CAIMOTTO
COMM. #1342310
NOTARY PUBLIC-CALIFORNIA
SAN MATEO COUNTY
My Commission Expires Feb. 7, 2006

WITNESS my hand and official seal.

Mario Caimotto
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer's Name: _____

☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of Contra Costa } ss.

On 2/28/2004 (Date) before me, William J. Schaaf (Name and Title of Officer (e.g., "Jane Doe, Notary Public")),

personally appeared Michael Comstock (Name(s) of Signer(s)),

☑ personally known to me
☐ proved to me on the basis of satisfactory evidence

to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.

WILLIAM J. SCHAAF
Commission # 1412651
Notary Public - California
Alameda County
My Comm. Expires Apr 20, 2007

William J Schaaf
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

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Deed Exhibit 2

First American Title Company

Escrow No.: NCS 426363-SCL

2010-010460
12:44pm 01/29/10 DE Fee: 24.00
Count of pages 4
Recorded in Official Records
County of San Mateo
Warren Slocum
Assessor-County Clerk-Recorder

Recording Requested By:
Alan H. Kandel

When recorded mail documents to:
Alan H. Kandel
Husch Blackwell Sanders LLP
190 Carondelet Plaza, Suite 600
St. Louis, Missouri 63105

Above Space for Recorder's Use Only

GRANT DEED

A.P.N. 015-113-240
THE UNDERSIGNED GRANTOR DECLARE(S):
DOCUMENTARY TRANSFER TAX is $0.00 **(see note #1)**
CITY TAX: $0.00
SURVEY MONUMENT FEE: $0.00

☐ computed on full value of property conveyed, or
☐ computed on full value of items or encumbrances remaining at time of sale,
☐ Unincorporated area or ✓ City of South San Francisco, and

NOTE #1: Conveyance transferring Grantor's interest in the Property to a Roth IRA created by the Grantor. The undersigned declare that the documentary transfer tax is $0.00 pursuant to section 11925(d) of the Documentary Transfer Tax Act. The conveyance made herein makes effective, without consideration, a change solely in the method of holding title to the property by directly rolling over the 50% interest of a qualified employee benefit trust (Grantor), pursuant to the termination of the Grantor, into a Roth IRA (the Grantee), owned by the same beneficiary of the Grantor resulting in the same beneficial ownership of the transferred property. Furthermore, this conveyance does **not** subject the property to reassessment pursuant to RTC §§ 62(a)(2).

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

Martin J. Bloom, trustee of the BLOOM CONSULTING CORPORATION PROFIT SHARING PLAN AND TRUST ("Grantor")

hereby Grant(s) to **The Commerce Trust Company, a division of Commerce Bank, N.A., as trustee of the MARTIN J. BLOOM ROTH IRA TRUST ("Grantee"), with an address at PO Box 11356, Clayton, MO 63105-9987, Attn: Trust Real Estate**

the following property in the City of South San Francisco, County of San Mateo, State of California:

all of the Grantor's interest in the real property described in Exhibit A (the "Property"), which is a 50% interest in the Property as a tenant in common, subject to all easements, rights, restrictions, reservations, limitations, covenants, agreements, building lines, burdens, rights of ways, encroachments, encumbrances, and other matters of record, if any.

[Signature Pages to Follow.]

**MAIL TAX STATEMENTS TO: The Commerce Trust Company,
Trustee of the Martin J. Bloom Roth IRA Trust
PO Box 11356, Clayton, MO 63105-9987, Attn: Trust Real Estate**

SLC-3456108-2

Dated: January 21, 2010

BLOOM CONSULTING CORPORATION PROFIT SHARING PLAN AND TRUST

Martin J. Bloom, as trustee

STATE OF CALIFORNIA)
) **SS.**
COUNTY OF Los Angeles)

On this 21 day of January, 2010, before me appeared MARTIN J. BLOOM, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity as the trustee of Bloom Consulting Corporation Profit Sharing Plan and Trust (the "Trust"), and that by his signature on the instrument the Trust, upon behalf of which he has acted, has executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the County and State aforesaid, the day and year first above written.

Notary Public

My Commission Expires:
5/8/2011

SIU1 BENNY LAKATOS
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 1744171
LOS ANGELES COUNTY
My Comm. Exp. May 8, 2011 SIU1

Exhibit A

Legal Description of Real Estate

The land referred to herein is situated in the State of California, County of San Mateo, and is described as follows:

PARCEL ONE:
A portion of that certain 43.56 acre tract conveyed by Deed from South San Francisco Land and Improvement Co., a corporation to A.D. Schader, dated August 8, 1945, recorded August 25, 1945, Book 1202, Official Records, Page 206, San Mateo County Records, and a portion of that certain 1.55 acre tract described in Decree Quieting Title issued out of the Superior Court of San Mateo County, on November 23, 1953, in Action No. 62701, entitled "A.D. Schader Company, a corporation Plaintiff vs. the City of South San Francisco, a Municipal Corporation and the State of California, defendants", a copy of said Decree being recorded November 23, 1953, Book 2502, Official Records, Page 736, San Mateo County Records, more particularly described as follows:

BEGINNING at the intersection of the Southerly line of the 1.55 acre tract above referred to with the Westerly line of the Bayshore Freeway as described in Deed from A.D. Schader to State of California, dated August 28, 1946, recorded October 31, 1946, Book 1313, Official Records, Page 1, San Mateo County Records; THENCE from said Point of Beginning along said Westerly line of the Bayshore Freeway, North 3° 59' 20" West (called North 4° 03' West in said Deed to State of California) 1573.72 feet to the intersection thereof with the general southeasterly line of the Lands described in Parcel One of the Deed from Produce Land and Investment Co., a California corporation, to Golden Gate Produce Terminal, a California corporation, dated April 3, 1962, recorded April 4, 1962, Book 4179, Official Records, Page 236, San Mateo County Records; THENCE leaving the said Westerly line of the Bayshore Freeway and along the said General Southeasterly line of the lands described in said Parcel One of the last mentioned Deed South 74° 48' 11" West 124.15 feet, South 3° 59' 20" East 249.20 feet and South 11° 39' West 1233 feet to the intersection thereof with the Southwesterly boundary line of the above mentioned 1.55 acre tract; THENCE along said Southerly boundary line South 51° 13' 39" East 22.75 feet and South 81° 29' 35" East 448.17 feet to the Point of Beginning:

EXCEPTING THEREFROM the lands described in the Final Order of Condemnation a certified copy of which was recorded April 13, 1972, Book 6127, Official Records, Page 582, San Mateo County Records.

PARCEL TWO:
All easements reserved by Grantor in the Deed from Produce Land & Investment Co., a corporation to Golden Gate Produce Terminal, a corporation, dated April 3, 1962, recorded April 4, 1962, Book 4179, Official Records, Page 236, San Mateo County Records.

STATE OF CALIFORNIA) SS

COUNTY OF LOS ANGELES)

On January 21, 2010, before me, BENNY LAKATOS - NOTARY PUBLIC Notary Public, personally appeared MARTIN J. BLOOM, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Benny Lakatos

My Commission Expires: MAY 8, 2011 This area for official notarial seal

Notary Name: BENNY LAKATOS

Notary Phone: (310) 274-7721

Notary Registration Number: 1744171

County of Principal Place of Business: LOS ANGELES

BENNY LAKATOS
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 1744171
LOS ANGELES COUNTY
My Comm. Exp. May 8, 2011

APPENDIX E
Site Photographs

Photo 1: View of the western central building on the Subject Property.

Photo 2: View of the eastern border of the Subject Property, looking south.

Photo 3: View of the western border of the Subject Property, looking south.

Photo 4: View of the western border of the Subject Property, looking north.

Photo 5: View of materials inside the material storage room on the Subject Property.

Photo 6: View of materials inside the material storage room on the Subject Property.

Photo 7: View of rented stalls along one of the buildings on the Subject Property.

Photo 8: View of the inside of one of the rented stalls on the Subject Property.

Photo 9: View of the transformer located on the southern end of the Subject Property.

Photo 10: View of an external generator and propane tanks on the Subject Property.

Photo 11: View of some of the propane tank storage on the Subject Property.

Photo 12: View of storage container for polyethylene inside one of the stalls on the Subject Property.

HALEY ALDRICH

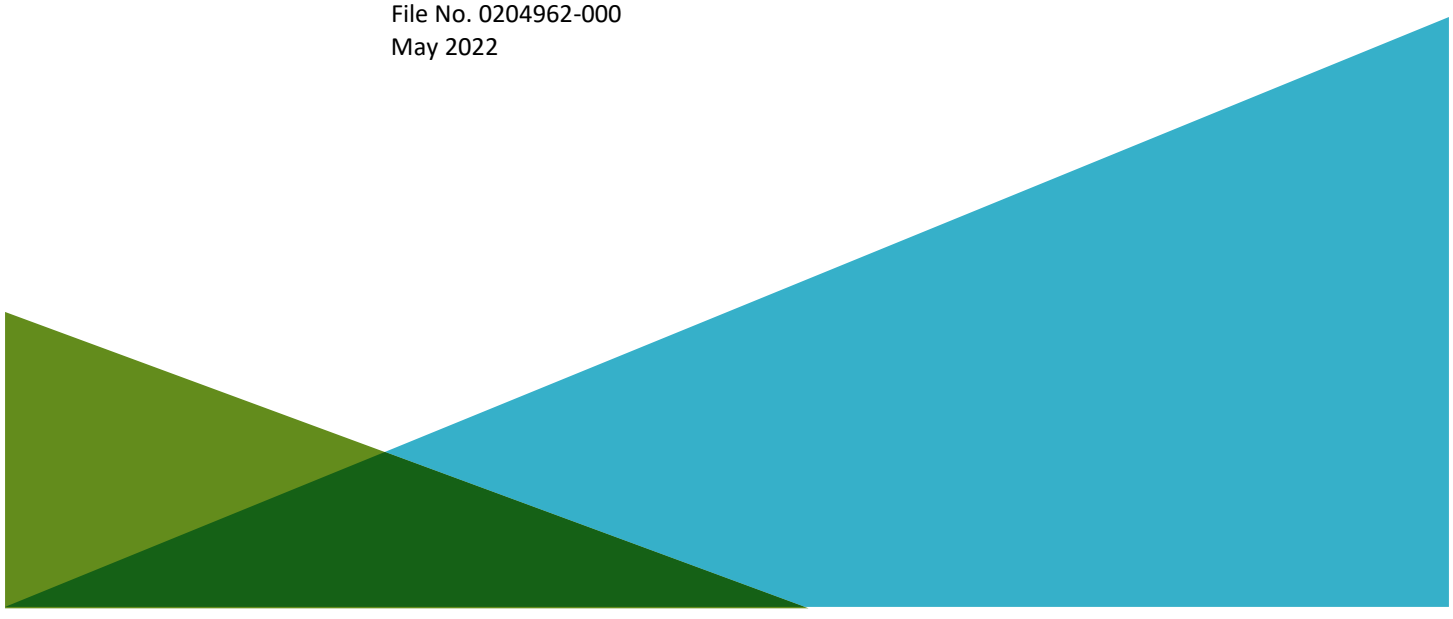
www.haleyaldrich.com

PHASE II ENVIRONMENTAL INVESTIGATION RESULTS
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

by
Haley & Aldrich, Inc.
Walnut Creek, California

for
US Terminal Court Owner, LLC
Greenwood Village, Colorado

File No. 0204962-000
May 2022



HALEY & ALDRICH, INC.
2033 N. Main Street
Suite 309
Walnut Creek, CA 94596
925.949.1012

2 May 2022
File No. 0204962-000

US Terminal Court Owner, LLC
5660 Greenwood Plaza Boulevard, Suite 10
Greenwood Village, Colorado 80111

Attention: Ianthe Schaub

Subject: Phase II Environmental Investigation Results
131 Terminal Court
South San Francisco, California

Dear Ms. Ianthe Schaub:

Haley & Aldrich, Inc. (Haley & Aldrich) is pleased to submit this letter report to US Terminal Court Owner, LLC which presents the results of the Phase II environmental investigation conducted at the Subject Property located at 131 Terminal Court in South San Francisco, California (Figure 1). The purpose of this investigation was to assess the existing subsurface environmental conditions at the Subject Property that will be encountered during future redevelopment activities.

Background

The approximately 17.6-acre Subject Property is developed with two large warehouse structures and three smaller structures surrounded by asphalt-paved parking areas (Figure 2). The Subject Property is currently owned and operated by Golden Gate Produce Terminal, a produce wholesaler and distributor. A canopy of solar panels covers a row of parking between the warehouses.

In conjunction with this letter report, Haley & Aldrich has also prepared a Phase I Environmental Site Assessment (Phase I) for the Subject Property, which identified a controlled REC (CREC) and a potential subsurface environmental concern that may warrant mitigation measures as part of the redevelopment.

The CREC was related to the former commercial fueling facility operations at the Subject Property which consisted of two dispenser islands and three underground storage tanks (USTs; one 6,000-gallon diesel and two 10,000-gallon gasoline). Monitoring and remedial activities were conducted between 1998 and 2012. In 2012, the three USTs (one containing diesel and two containing gasoline) and associated petroleum hydrocarbon-impacted soil were removed and excavated from the Subject Property. In 2014, the San Mateo County Environmental Health Services Division (SMCEH) issued a case closure letter for the Subject Property, although hydrocarbon-impacted soil and groundwater were allowed to remain at the property in the vicinity of the former fueling facility under a Low-Threat UST Case Closure Policy (LTCP). Grab groundwater sampling results from the closure document indicate concentrations of total petroleum hydrocarbons as gasoline (TPHg) up to 51,000 micrograms per liter (µg/L), total petroleum

hydrocarbons as diesel (TPHd) up to 4,500 µg/L, and benzene up to 2,800 µg/L from soil borings located at the northern end of the Subject Property, directly downgradient from the former UST area. These concentrations exceed both Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) and applicable commercial/industrial ESLs. Proposed future redevelopment, change of land use, or removal of soil and/or groundwater from the Subject Property will require a notification to the SMCEH.

One potential subsurface environmental concern at the Subject Property is due to an easement for an active non-highly volatile liquids (HVL) product pipeline operated by Kinder Morgan located along the eastern side of the Subject Property (Figure 2). No documented releases were found during the Phase I; however, there is a potential for future releases to impact the Subject Property.

Haley & Aldrich understands US Terminal Court Owner, LLC is planning to redevelop the Subject Property and the adjacent property 101 Terminal Court, including construction of multiple multi-story buildings with subsurface parking garages. Given these redevelopment plans, Haley & Aldrich's Phase II environmental investigation included advancing borings at locations within the Subject Property and collecting soil and/or groundwater samples. Our assessment was conducted to determine: 1) whether the soil conditions to be encountered during the future construction activities may require special on-site handling and off-site disposal; 2) whether the groundwater generated from the construction dewatering will require special treatment prior to discharge or disposal; and 3) whether the remaining soil and groundwater concentrations would pose a vapor intrusion risk.

Field Investigation

Haley & Aldrich conducted the Phase II environmental investigation in March 2022, which included advancing five soil borings at the Subject Property for the collection of soil and groundwater samples to characterize the existing subsurface conditions within areas of the Subject Property where historical activities or features may pose an environmental concern. Relevant historical Subject Property features or potential environmental concerns evaluated for their potential subsurface impact to the site through this Phase II Investigation included: 1) the former USTs; and 2) the Kinder Morgan pipeline. The relevant historical features and the Phase II Investigation sampling locations are shown on Figure 2.

PRE-FIELD ACTIVITIES

Prior to conducting subsurface work, the drilling locations were cleared by Coast Wide Locators and Underground Service Alert was notified. A drilling permit was obtained from SMCEH for the borings (provided as Appendix A). To help ensure worker safety, a site-specific Health and Safety Plan was prepared for the field activities.

SOIL AND GROUNDWATER INVESTIGATION

The drilling activities were performed by Environmental Control Associates, a California C-57 licensed driller. To minimize the risk of encountering unmarked and undetected underground utilities during drilling and to ensure the health and safety of workers, the first 5 feet of each boring was advanced

using a hand auger. A total of six borings were advanced for sample collection (HA-6 through HA-11); locations are shown on Figure 2. A truck-mounted Geoprobe® direct-push technology (DPT) drill rig was used to advance the borings to groundwater. Boring logs are presented in Appendix B.

The soil and groundwater sampling program included the following:

- Soil boring HA-12 was advanced to 5 feet below ground surface (bgs) in the northernmost extent of the Subject Property, at the approximate location and/or downgradient of the former USTs, including the one 6,000-gallon diesel and two 10,000-gallon gasoline tanks. Two soil samples were collected at 2.5 and 3.75 feet bgs and one groundwater sample was collected at first encountered groundwater, approximately 4.5 feet bgs.
- Soil boring HA-13 was advanced to 8 feet bgs and slightly upgradient of the former UST location. One soil sample was collected from the vadose zone.
- Soil boring HA-14 was not advanced due to limited schedule and that two additional borings had been advanced adjacent to the Kinder Morgan pipeline.
- Soil boring HA-15 was advanced to 5 feet bgs at a central point at the Subject Property. One soil sample was collected from the vadose zone.
- Soil boring HA-16 was advanced to 16 feet bgs in the westernmost extent of the Subject Property and adjacent to the Kinder Morgan pipeline. A soil sample was collected from the vadose zone and a grab groundwater sample was collected at first encountered groundwater, approximately 15.5 feet bgs.
- Soil boring HA-17 was advanced to 12 feet bgs in the southernmost extent of the Subject Property and adjacent to the Kinder Morgan pipeline. A soil sample was collected from the vadose zone and a grab groundwater sample was collected at first encountered groundwater, approximately 8.5 feet bgs.

Recovered soil was screened for the presence of volatile organic compounds (VOCs) with a photoionization detector (PID) and logged in the field in accordance with the visual-manual procedures of American Society for Testing and Materials (ASTM) Standard D-2488-09a. Sampling locations were selected in the field to include observed visual or olfactory impacts and/or PID detections.

All soil and groundwater samples were collected following standard environmental sampling and handling procedures and submitted under chain of custody documentation to Eurofins TestAmerica of Pleasanton, California. Eurofins Test America analyzed the samples following the appropriate United States Environmental Protection Agency (USEPA) Methods. Laboratory analytical reports are included as Appendix C.

Upon completion of the sampling program, the borings were backfilled with bentonite grout and the surface completed with concrete. All down-hole equipment was decontaminated prior to starting each new boring location by washing the equipment with laboratory-grade detergent and water followed by a water rinse.

LABORATORY ANALYSES

The soil and groundwater samples were collected in laboratory-provided jars and bottles, which were labeled and placed in a resealable plastic bag and stored in a cooler with ice for transportation under chain of custody documentation to Eurofins TestAmerica, a California-certified analytical laboratory. Select soil samples were analyzed for:

- TPH as gasoline range organics (TPH-GRO) and VOCs using USEPA Method 8260B, preserved using USEPA Method 5035;
- TPH as diesel range organics (TPH-DRO) and TPH oil range organics (TPH-ORO) using USEPA Method 8015B;
- California Code of Regulations (CCR) Title 22 (T22) metals using USEPA Method 6010B/7471A; and
- Leachability characterization for waste profiling (Toxicity Characteristic Leaching Procedure [TCLP] and/or Soluble Threshold Limit Concentration [STLC]) were performed on the soil sample if metals such as lead or chromium were detected at concentrations greater than 20 times the TCLP or 10 times the STLC hazardous waste criteria.

Collected groundwater samples were analyzed for:

- TPH-DRO and TPH-ORO using USEPA Method 8015B; and
- TPH-GRO and VOCs using USEPA Method 8260B.

INVESTIGATION-DERIVED WASTE

The generated investigation-derived waste (IDW) consisted of soil cuttings and decontamination water which was containerized in a 55-gallon Department of Transportation drums (two soil and one decontamination water). Waste characterization samples were collected from the IDW and the drums were subsequently removed from the Site on 2 May 2022.

Results

The analytical results are summarized below, with copies of the Eurofins Test America analytical laboratory reports included in Appendix C. To evaluate if subsurface environmental conditions of concern may exist that need to be addressed prior to redeveloping the properties, the detected concentrations were compared against the commercial/industrial ESLs established by the San Francisco Bay RWQCB, dated July 2019 (Rev 2). The soil ESLs assess potential direct exposure human health risks for commercial/industrial properties and the groundwater ESLs assess potential vapor intrusion human health risks for commercial/industrial properties.

Haley & Aldrich compared the analytical results to the regulatory criteria for determining disposal options for the proposed excavated soil. The criteria were used to determine whether soil is considered non-hazardous based on the 22 CCR Total Threshold Limit Concentrations (TTLCs) and STLCs, and the Resource Conservation and Recovery Act (RCRA) TCLP criteria. In the event that a reported concentration exceeds its respective TTLC, the soil is considered a California-only hazardous waste and

must be disposed at an appropriate off-site location. If a reported concentration exceeds 10 times the STLC value, a California Waste Extraction Test (WET) is required to determine if the soil is hazardous or non-hazardous. If the WET result exceeds the STLC value, the soil is considered California-only hazardous waste and must be disposed at an appropriate off-site location. If a reported concentration exceeds 20 times the TCLP absolute value, a TCLP test must be conducted to determine if the soil is hazardous or non-hazardous. If the result of the TCLP test exceeds the TCLP value for that compound, the soil is considered RCRA-hazardous waste and must be disposed at an off-site Class I hazardous waste landfill.

SOIL

Detected analytical results from soil sampling activities are presented in Table 1; the laboratory analytical report is provided in Appendix C. Specific comparison to cleanup goal or disposal criteria are summarized below.

- TPH-DRO and TPH-GRO were detected at concentrations greater than laboratory reporting limits and below their respective commercial/industrial ESLs in soil borings HA-12 and HA-13.
- Select VOCs were detected at concentrations greater than laboratory reporting limits and below commercial/industrial ESLs, including: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, sec-butylbenzene, benzene, ethylbenzene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, tert-butylbenzene, and total xylenes. These constituents were detected in the 2.5 feet bgs and 3.75 feet bgs samples collected from boring location HA-12.
- Arsenic was detected at concentrations ranging from 3.2 to 29 milligrams per kilogram (mg/kg), exceeding the commercial/industrial ESL of 0.31 mg/kg. However, all but three of the detected concentrations are below the background arsenic concentration accepted by the RWQCB for San Francisco Bay Area soil, 11 mg/kg.[1]
- Total chromium was detected in all six soil samples at concentrations ranging from 40 to 110 mg/kg. Three of the six shallow soil samples had detected concentrations of total chromium at exceeding 10 times the STLC (50 mg/kg) and 20 times the TCLP level (100 mg/kg) of 56, 70, and 110 mg/kg. For the soil sample collected from boring HA-17 with total chromium detected at 110 mg/kg, chromium STLC and TCLP analysis was requested. The resulting leachable chromium concentrations did not exceed the STLC of 5 mg/L or the TCLP level of 5 mg/L. As such, total chromium concentration of 56 and 70 mg/kg would also likely not exceed the STLC or TCLP levels. Furthermore, hexavalent chromium was not detected HA-12 or HA-13 which
- Lead was detected in five of the six soil samples at concentrations ranging from 4.5 to 300 mg/kg. The lead concentration of 300 mg/kg collected at 8.0 feet bgs for boring HA-17 exceeds 10 times the STLC (50 mg/kg) and 20 times the TCLP level (100 mg/kg). The resulting leachable lead concentrations, STLC of 7.2 mg/L, did exceed the STLC of 5 mg/L and did not exceed the TCLP level of 5 mg/L. Therefore, soil generated in the vicinity of HA-17 would likely be characterized as California-hazardous waste if excavated for off-site disposal.

[1] Duvergé, 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region. December.

- Zinc was detected in all six soil samples at concentrations ranging from 28 to 2,900 mg/kg. One sample collected from boring HA-17 at 8 feet bgs with a detected concentration of lead at 2,900 mg/kg, which exceeds 10 times the STLC of 2,500 mg/kg. The resulting leachable zinc concentration did not exceed the STLC of 5 mg/L. Therefore, this soil would be likely be characterized as non-hazardous waste if excavated for off-site disposal.
- Additional CCR T22 metals detected at concentrations greater than laboratory reporting limits and below their respective commercial/industrial ESLs include antimony, barium, beryllium, cobalt, copper, mercury, nickel, selenium, and vanadium. CCR T22 metals molybdenum, silver, and thallium were not detected at a concentration greater than the laboratory limits.

GROUNDWATER

Detected analytical results from groundwater sampling activities are presented in Table 2; the laboratory analytical report is provided in Appendix C. Three groundwater samples were collected at 131 Terminal Court. Of the three samples, only the grab groundwater sample collected from HA-12 located hydraulic downgradient of the former USTs had detected concentration of petroleum hydrocarbons. The following sections provide a summary of the groundwater data collected from boring HA-12, screened against commercial/industrial groundwater vapor intrusion ESLs .

- TPH-DRO and TPH-gasoline GRO was detected in borings HA-12 at concentrations of 2,300 µg/L 16,000 µg/L, respectively, though there is no commercial/industrial ESL.
- Select VOCs were detected in the grab groundwater samples collected from boring location HA-12 at concentrations exceeding commercial/industrial vapor intrusion ESLs:
  - Benzene was detected at a concentration of 1,200 µg/L, which exceeds the commercial/industrial vapor intrusion ESL of 1.8 µg/L.
  - Ethylbenzene was detected at a concentration of 1,400 µg/L, which exceeds the commercial/industrial vapor intrusion ESL of 15 µg/L.
  - Naphthalene was detected at a concentration of 290 µg/L, which exceeds the commercial/industrial ESL of 20 µg/L.
  - Total xylenes were detected at a concentration of 970 µg/L, which exceeds the commercial/industrial ESL of 400 µg/L.
- Select VOCs were detected in the grab groundwater samples collected from boring location HA-12 at concentrations greater than laboratory reporting limits and below commercial/industrial vapor intrusion ESLs, including: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, sec-butylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, tert-butylbenzene, and toluene.

Conclusions

Haley & Aldrich completed the Phase II environmental investigation of the Subject Property located at 131 Terminal Court in South San Francisco, California, which included the collection of soil and groundwater samples. The findings of this investigation conclude:

- Soil and groundwater samples were collected adjacent to the Kinder Morgan pipeline. Based on the limited analytical data, the results do not indicate historical releases impacting the soil or groundwater in this area of the Subject Property.
- Subject Property soil conditions are not anticipated to impact redevelopment of the property and are not likely to be characterized as hazardous waste if excavated for off-site disposal, with the limited exception of soil in the vicinity HA-17 which is classified as California-hazardous waste due to elevated leachable lead concentrations detected in the shallow soil. Arsenic concentrations are above background concentrations, but some local landfills accept arsenic levels up to 500 mg/kg.
- Groundwater results indicate a potential vapor intrusion risk at the Subject Property in the vicinity of HA-12, which is located at the area of the former USTs that served as a former fueling station. Groundwater data collected by others in 2012 indicated elevated concentrations of VOCs, consistent with data collected during this Phase II investigation in this area of the Subject Property. As such, the area around HA-12 is considered an Area of Concern (AOC) 1. The extent of AOC 1 is limited to the south by HA-13, to the north by the property line and post-remediation sampling, to the west and east by data collected in 2012 . The "Case Closure Request" document dated 9 October 2013 prepared by Conestoga-Rovers & Associated presenting previous groundwater sampling results are presented in Appendix D. Other groundwater results collected during this Phase I do not indicate the potential for a vapor intrusion concern.

Recommendations

Based on the above conclusions, we recommend the following be considered when planning for the Subject Property's redevelopment:

- If future design and construction of occupiable structures are proposed in the vicinity of AOC 1 (see Figure 2), additional subsurface soil vapor and groundwater characterization and potential vapor intrusion mitigation measures may be warranted. However, we understand that the current conceptual building development does not include construction of occupiable structure(s) in the vicinity AOC 1 therefore a vapor mitigation measure may not be required;
- Ensure the dewatering activities, including the pumping, treatment, and discharge of groundwater, comply with the applicable Publicly Owned Treatment Works (POTW) and National Pollutant Discharge Elimination System (NPDES) permit requirements and include treatment measures given the impacted groundwater conditions identified in the vicinity of AOC 1;
- Prepare a Site Management Plan and safety plan (HASP) to outline the soil handling procedures that may be required for segregating, testing, and subsequent disposal of shallow soils from the construction site. If excavation and/or grading activities are to be performed in the vicinity of HA-17 where hazardous waste would be excavated, further site-specific health and safety measures would be required.
- It is anticipated site soil will be suitable for disposal at Class III landfills. The sampling results provide a preliminary evaluation of the expected waste profile for the soil to be disposed off site during construction activities. Additional sampling of the actual soil generated and stockpiled for off-site disposal may be required for future waste profiling.

- As documented in the March 27, 2014, SMCEH case closure documentation, SMCEH must be notified of any proposed change in land use or removal of soil and groundwater in close proximity to the former USTs located at the northern end of the Subject Property so they can evaluate whether the residual contamination may pose a risk to public health and the environment.

Haley & Aldrich cautions that the findings of our limited environmental assessment are based on our review of analytical test results performed on a limited number of soil and groundwater samples.

We appreciate the opportunity to provide environmental consulting services on this project. Please do not hesitate to contact us if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.

Zachary Gautsch, P.E.
Technical Expert

Jennifer Boyer
Senior Project Manager

Enclosures:

Table 1 – Summary of Soil Analytical Results
Table 2 – Summary of Groundwater Analytical Results
Figure 1 – Project Locus
Figure 2 – Soil Boring Locations
Appendix A – Subsurface Drilling Permit
Appendix B – Boring Logs
Appendix C – Analytical Laboratory Reports
Appendix D – Previous Reports 131 Terminal Court

TABLES

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Location	HA-12	HA-12	HA-13	HA-15	HA-16	HA-17	Commercial/ Industrial ESL	TTLC	STLC Regulatory Limit (mg/L)	TCLP Regulatory Limit (mg/L)	STLC-10x	TCLP-20x
Sample Date	03/15/2022	03/15/2022	03/15/2022	03/15/2022	03/15/2022	03/15/2022						
Purpose	Former UST location, downgradient	Former UST location, downgradient	Former UST location, upgradient	Central point in Site	Westernmost boring, adjacent to pipeline	Southwestwenmost boring, adjacent to pipeline						
Sample Depth (bgs)	2.5 (ft)	3.75 (ft)	4.5 (ft)	4 (ft)	10 (ft)	8 (ft)						
Inorganic Compounds (mg/kg)												
Antimony	**16**	**18**	**40**	**9.8**	< 2.0	< 2.0	160	500	15	--	150	--
Arsenic	**5.9**	**4.0**	**3.2**	**14**	**5.0**	**29**	0.31/11[1]	500	5	5	50	100
Barium	**55**	**78**	**43**	**75**	**22**	**89**	220	10,000	100	100	1,000	2,000
Beryllium	**0.81**	**0.80**	**1.3**	**0.98**	**0.28**	**0.48**	230	75	0.75	--	7.5	--
Cadmium	**1.7**	< 0.19	< 0.20	< 0.19	< 0.20	**7.9**	1,100	100	1	1	10	20
Chromium	**50**	**56**	**70**	**47**	**40**	**110**	--	2,500	5	5	50	100
Chromium, Hexavalent	--	< 0.80	< 0.81	--	--	--		500	5	--	--	--
Chromium, TCLP (mg/L)	--	--	--	--	--	< 0.10	--	--	--	5	--	--
Chromium STLC (mg/L)	--	--	--	--	---	**0.39**	--	--	5	--	--	--
Cobalt	**7.7**	**8.7**	**11**	**10**	**6.2**	**14**	350	8,000	80	--	800	--
Copper	**28**	**14**	**22**	**22**	**14**	**64**	47,000	2,500	25	--	250	--
Lead	**38**	**8.5**	< 4.9	**6.0**	**4.5**	**300**	320	1,000	5	5	50	100
Lead, TCLP (mgL)	--	--	--	--	--	**0.69**	--	--	--	5	--	--
Lead, STLC (mg/L)	--	--	--	--	--	**7.2**	--	--	5	--	--	--
Mercury	**0.25**	**0.052**	< 0.042	**0.56**	**0.48**	< 0.041	190	20	0.2	0.2	2	4
Molybdenum	< 1.9	< 1.9	< 2.0	< 1.9	< 2.0	< 2.0	5800	3500	350	--	3500	--
Nickel	**40**	**57**	**51**	**51**	**36**	**130**	11,000	2,000	20	--	200	--
Nickel, STLC (mg/L)	--	--	--	--	--	--	--	--	--	20	--	--
Selenium	**2.2**	< 1.9	**2.0**	**2.5**	< 2.0	< 2.0	5,800	100	1	1	10	20
Silver	< 0.49	< 0.48	< 2.5	< 0.48	< 0.5	**0.65**	5,800	500	5	5	50	100
Thallium	< 1.9	< 1.9	< 9.8	< 1.9	< 2.0	< 2.0	12	700	7	--	70	--
Vanadium	**43**	**43**	**62**	**40**	**30**	**48**	5,800	2,400	24	--	240	--
Zinc	**340**	**34**	**32**	**28**	**35**	**2,900**	350,000	5,000	250	--	2,500	--
Zinc, TCLP (mgL)	--	--	--	--	--	7.2	--	--	--	--	--	--
Zinc, STLC (mg/L)	--	--	--	--	--	0.69	--	--	250	--	--	--
Other Inorganic Compounds	ND	ND	ND	ND	ND	ND	Varies	--	--		--	--
Total Petroleum Hydrocarbons (mg/kg)												
Total Petroleum Hydrocarbons (>C28-C40) ORO	< 4.9	< 49	< 4.9	< 4.9	< 4.9	< 4.9	180,000					
Total Petroleum Hydrocarbons (C10-C28) DRO	**22**	**870**	**2.3**	< 0.99	< 0.98	< 0.98	1,200					
Total Petroleum Hydrocarbons (C4-C12)	**4.0**	**720**	< 0.32	< 0.38	< 0.48	< 0.36	2,000					
Volatile Organic Compounds (µg/kg)												
1,2,4-Trimethylbenzene	< 4.2	**15,000**	< 3.2	< 3.8	< 4.8	< 3.6	--	--	--		--	--
1,3,5-Trimethylbenzene	**5.6**	**9,200**	< 3.2	< 3.8	< 4.8	< 3.6	--	--	--		--	--
2-Phenylbutane (sec-Butylbenzene)	**6.6**	**1,000**	< 3.2	< 3.8	< 4.8	< 3.6	--	--	--		--	--
Benzene	< 4.2	**240**	< 3.2	< 3.8	< 4.8	< 3.6	33,000	--	--		--	10,000
Cymene (p-Isopropyltoluene)	< 4.2	**630**	< 3.2	< 3.8	< 4.8	< 3.6	--	--	--		--	--
Ethylbenzene	**6.9**	**5,600**	< 3.2	< 3.8	< 4.8	< 3.6	540,000	--	--		--	--
Isopropylbenzene (Cumene)	**14**	**1,700**	< 3.2	< 3.8	< 4.8	< 3.6	--	--	--		--	--
m,p-Xylenes	< 4.2	**3,800**	< 3.2	< 3.8	< 4.8	< 3.6	2,500,000	--	--		--	--
Naphthalene	**33**	**7,100**	< 3.2	< 3.8	< 4.8	< 3.6	14,000	--	--		--	--
n-Butylbenzene	**21**	**6,100**	< 3.2	< 3.8	< 4.8	< 3.6	--	--	--		--	--
n-Propylbenzene	**46**	**7,700**	< 3.2	< 3.8	< 4.8	< 3.6	--	--	--		--	--
o-Xylene	< 4.2	**97**	< 3.2	< 3.8	< 4.8	< 3.6	2,500,000	--	--		--	--
tert-Butylbenzene	**11**	**1,300**	< 3.2	< 3.8	< 4.8	< 3.6	--	--	--		--	--
Xylene (total)	< 4.2	**3,800**	< 3.2	< 3.8	< 4.8	< 3.6	2,500,000	--	--		--	--
Other Volatile Organic Compounds	ND	ND	ND	ND	ND	ND	Varies	Varies	Varies		Varies	Varies

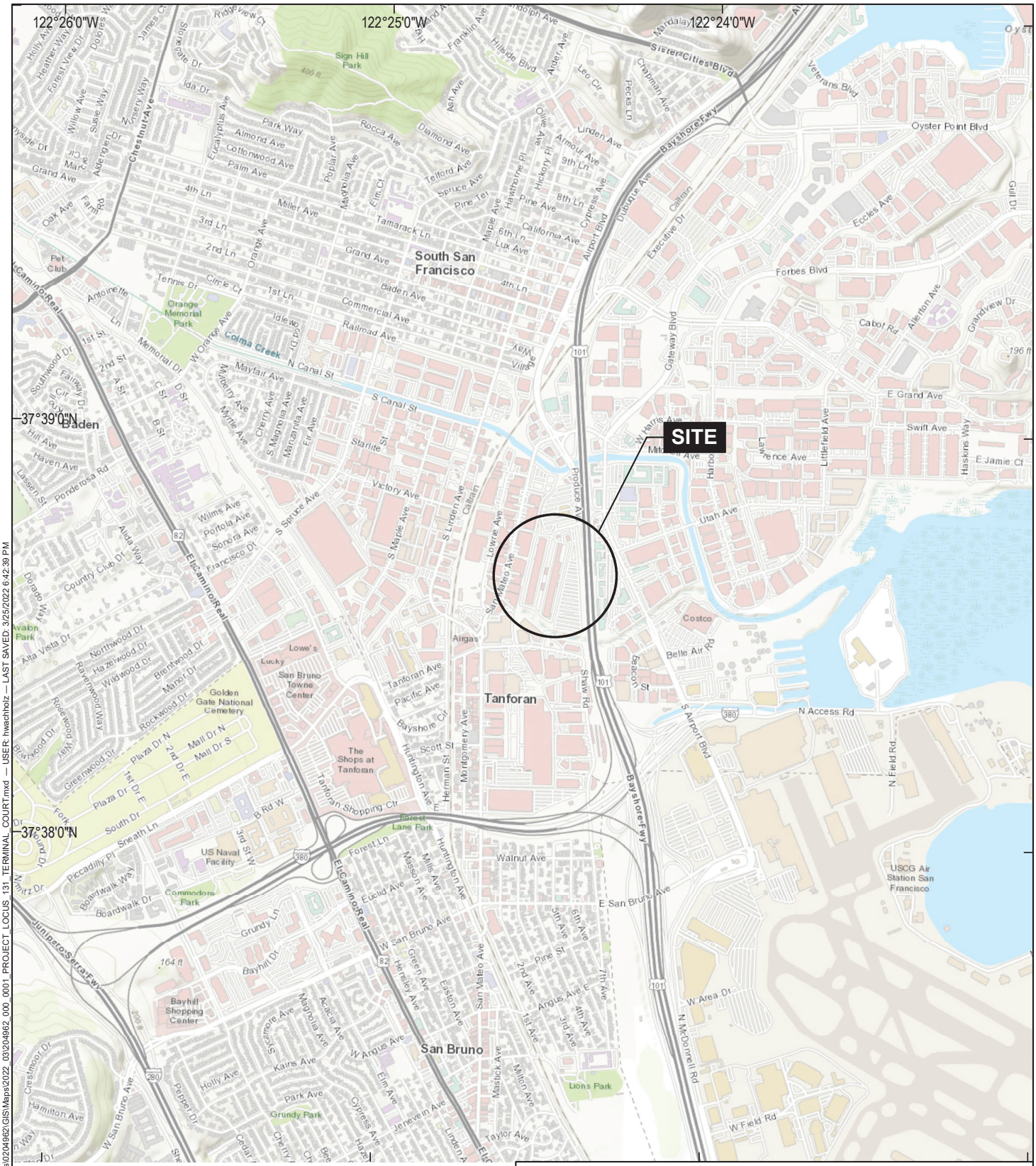
Notes:
Detected results are **bold.**
1. Arsenic occurs naturally in soils in California. A regional background value of 11 mg/kg was established for low-lying soils of the San Francisco Bay Area (Duverge, 2011).
Data is compared to the Commercial/Industrial: Shallow Soil Exposure Environmental Screening Levels (ESLs), SFRWQCB, July 2019.
STLC - soluble threshold limit concentration
TCLP - toxicity characteristic leaching procedure
TTLC - total threshold limit concentration
Data are reported to the laboratory reporting limit (< RL).
µg/kg = micrograms per kilogram
-- indicates value is not available.
Data exceeding 10x STLC or 20x TC are highlighted with green color.
Data exceeding Commercial/Industrial ESLs are highlighted with peach color.

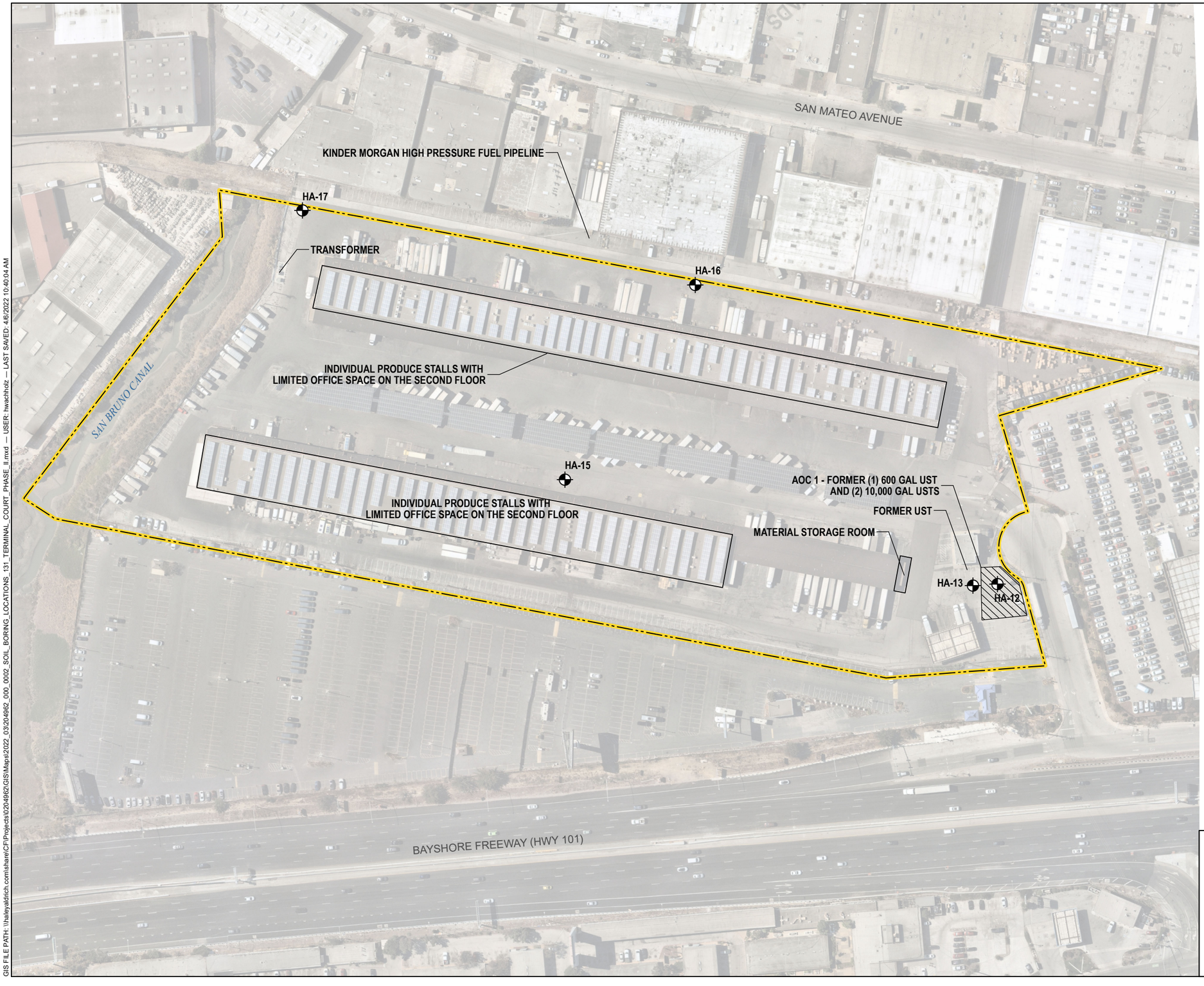
TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Location	HA-12	HA-16	HA-17	Commercial/ Industrial ESL
Sample Date	03/15/2022	03/15/2022	03/15/2022	
Sample Purpose	Former UST location, downgradient	Southwestwenmost boring, adjacent to pipeline	Westernmost boring, adjacent to pipeline	
Total Petroleum Hydrocarbons (µg/L)				
Total Petroleum Hydrocarbons (>C28-C40) ORO	< 500	--	< 480	--
Total Petroleum Hydrocarbons (C10-C28) DRO	**2,300**	--	< 48	--
Total Petroleum Hydrocarbons (C4-C12) GRO	**16,000**	< 500	< 500	--
Volatile Organic Compounds (µg/L)				
1,2,4-Trimethylbenzene	**840**	< 10	< 10	--
1,3,5-Trimethylbenzene	**450**	< 5	< 5	--
2-Phenylbutane (sec-Butylbenzene)	**22**	< 10	< 10	--
Benzene	**1,200**	< 5	< 5	1.8
Ethylbenzene	**1,400**	< 5	< 5	15
Isopropylbenzene (Cumene)	**180**	< 5	< 5	--
m,p-Xylenes	**950**	< 5	< 5	--
Methyl Tert Butyl Ether (MTBE)	**58**	< 5	< 5	2,000
Naphthalene	**290**	< 10	< 10	20
n-Butylbenzene	**60**	< 10	< 10	--
n-Propylbenzene	**450**	< 10	< 10	--
o-Xylene	**24**	< 5	< 5	--
tert-Butylbenzene	**55**	< 10	< 10	--
Toluene	**31**	< 5	< 5	4,900
Xylene (total)	**970**	< 5	< 5	1,600
Other Volatile Organic Compounds	ND	ND	ND	Varies

Notes:
1. Detected results are **bold.**
2. Data is compared to the Residential and Commercial/Industrial: Vapor Intrusion Environmental Screening Levels (ESLs), SFBRWQCB, June 2019.
ND = not detected above the laboratory reporting limits
µg/L = micrograms per liter
-- indicates value is not available.
Data exceeding Commercial/Industrial ESLs are highlighted with peach color.
Total Petroleum Hydrocarbons (>C28-C40) ORO = oil range organics
Total Petroleum Hydrocarbons (C10-C28) DRO = diesel range organics
Total Petroleum Hydrocarbons (C4-C12) GRO = gasoline range organics

FIGURES


122°26'0"W
122°25'0"W
122°24'0"W
37°39'0"N
37°38'0"N
SITE
South San Francisco
Tanforan
San Bruno
Baden
Colma Creek
Sign Hill Park
Orange Memorial Park
Golden Gate National Cemetery
The Shops at Tanforan
Tanforan Shopping Ctr
Forest Lane Park
Commodore Park
Bayhill Shopping Center
Grundy Park
Lions Park
US Naval Facility
USCG Air Station San Francisco
Costco
Airgas
Lowe's
San Bruno Towne Center
Oyster Point Blvd
Forbes Blvd
E Grand Ave
Utah Ave
Belle Air Rd
N Access Rd
E San Bruno Ave
W San Bruno Ave
W Angus Ave
Walnut Ave
W Area Dr
N McDonnell Rd
W Field Rd
N Field Rd
El Camino Real
Bayshore Fwy
Junipero Serra Fwy
Sister Cities Blvd
Airport Blvd
Shaw Rd
Produce Ave
Gateway Blvd
Littlefield Ave
Lawrence Ave
Swift Ave
Haskins Way
E Jamie Ct
Grandview Dr
Allerton Ave
Cabot Rd
Eccles Ave
Veterans Blvd
Chestnut Ave
Baden Ave
Commercial Ave
Railroad Ave
Grand Ave
Linden Ave
Victory Ave
Spruce Ave
Maple Ave
Cypress Ave
Dubuque Ave
Caltrain
Bayshore Fwy
Mission Rock
Harbor
Beacon St
Scott St
Bayshore Cir
Montgomery Ave
Huntington Ave
Mission Ave
Euclid Ave
Masson Ave
Forest Ln
Grundy Ln
Bayhill Dr
Sneath Ln
Piccadilly Pl
Boardwalk Dr
Boardwalk Way
Plaza Dr N
Mall Dr N
Mall Dr S
2nd Dr N
1st Dr N
Plaza Dr E
South Dr
B Rd W
3rd St W
Fork Dr
Rockwood Dr
Greenwood Dr
Brentwood Dr
Manor Dr
Wildwood Dr
Hazelwood Dr
Northwood Dr
Alta Vista Dr
Country Club Dr
Dorado Way
Avalon Park
Francisco Dr
Sonora Ave
Portola Ave
Wilms Ave
Alida Way
Ponderosa Rd
Lassen St
Hill Ave
Haven Ave
Antoinette Ln
Tennis Dr
Circle Ct
Pet Club
Camino Real
Southwood Dr
Fairway Dr
Memorial Dr
W Orange Ave
Idlewood Dr
Mayfair Ave
N Canal St
S Canal St
Starlite St
Myrtle Ave
Cherry Ave
S Magnolia Ave
Manzanita Ave
Fir Ave
A St
B St
C St
D St
1st St
2nd St
1st Ln
2nd Ln
3rd Ln
4th Ln
6th Ln
8th Ln
9th Ln
Oak Ave
Farm Rd
Grand Ave
Marc Ct
Adergren Dr
Willow Ave
Susie Way
Nursery Way
Dolores Way
Holly Ave
Heather Way
Forest View Dr
Ridge View Ct
James Ct
Sky Gate Dr
Ida Dr
Sky Side Dr
Park Way
Almond Ave
Cottonwood Ave
Palm Ave
Eucalyptus Ave
Rocca Ave
Diamond Ave
Telford Ave
Spruce Ave
Pine Tel
Pine Ave
Miller Ave
Tamarack Ln
California Ave
Lux Ave
Poplar Ave
Magnolia Ave
Elm Ct
Orange Ave
Circle Ct
Tennis Dr
Antoinette Ln
Idlewood Dr
Railroad Ave
Baden Ave
Commercial Ave
Grand Ave
Linden Ave
Victory Ave
Spruce Ave
Maple Ave
Cypress Ave
Dubuque Ave
Caltrain
Executive Dr
Airport Blvd
Bayshore Fwy
Mandalay Rd
Sister Cities Blvd
Oyster Point Blvd



LEGEND

- SOIL BORING
- SITE FEATURE
- AREA OF CONCERN
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: SAN MATEO COUNTY GIS
3. AERIAL IMAGERY SOURCE: NEARMAP, 29 SEPTEMBER 2021

N

0 150 300

SCALE IN FEET

HALEY ALDRICH

PHASE II ENVIRONMENTAL SITE ASSESSMNET
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

SOIL BORING LOCATIONS

MAY 2022

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0204962\GIS\Maps\2022_03\204962_000_0002_SOIL_BORING_LOCATIONS_131_TERMINAL_COURT_PHASE_II.mxd — USER: hwachholz — LAST SAVED: 4/6/2022 10:40:04 AM

APPENDIX A
Subsurface Drilling Permit

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

PERMIT 22-0257

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
101 TERMINAL CT, SOUTH SAN FRANCISCO

OWNER:
STEELWAVE ACQUISITIONS LLC
999 BAKER WAY STE 200
SAN MATEO

WP0013413 FA0058434
015113240
AMOUNT PAID: 747.00

CONTRACTOR:
ECA

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (6)
CONSULTANT: HALEY & ALDRICH INC
PROJECT MGR: JENNIFER BOYER

KIAN ATKINSON
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 3/14/2022

EXPIRATION DATE: 7/14/2022

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

SAN MATEO COUNTY ENVIRONMENTAL HEALTH

MAR 11 2022

RECEIVED

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone: (650) 372-6200 Fax: (650) 627-8244
smchealth.org/gpp

PAID
$747.00
CC MC OTP JAP
3/14/22

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling **start date & time** must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org **at least 2 full working days (i.e. 48 hours) in advance.**
Visit smchealth.org/ehfees for Groundwater Protection Program fees.

PURPOSE OF APPLICATION: ☐ Groundwater Monitoring/Vapor Well Installation ☒ Construct Soil Borings (variance request if to be left open >24 hrs) ☐ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____

No. of Wells _____ No. of Borings 6 Well/Boring Names HA-6 through HA-11

PURPOSE OF DRILLING: ☒ Environmental LEAD AGENCY ☐ Geotechnical ☐ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # _____ Assessor's Parcel # (required) 015113240 (one per permit)

Drilling Location Address: 101 Terminal Court City: South San Franci Zip: 94080

To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse

Maximum Proposed Depth (wells/borings) 10 (feet) Drilling Method: hollow stem

Boring Diameter: 8" Casing Diameter: _____ Filter Pack Interval: _____ Screen Interval: _____

Destruction Method: ☐ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/BORING OWNER

(Well/boring owner name or contact person should match signature)

Name: Steelwave Acquisitions, LLC Contact Person: Steve Dunn

Address: 999 Baker Way, Suite 200 City, State, Zip: San Mateo, CA 94404

Telephone: 415.309.6778 Email: sdunn@steelwavellc.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*

Well/Boring Owner's/Contact Person's Signature: Steve Dunn Date: 3/4/22

PROPERTY OWNER

(Name as appears on assessor's roles should match signature)

Name: Martin Bloom Roth TRA Contact Person: Martin Bloom

Address: 10776 Wilshire Blvd - #2402 City, State, Zip: Los Angeles, CA 90024

Phone: (310) 288-0730 Email: fastmarty@gmail.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*

Property Owner's Signature: Martin Bloom Date: 3/8/22

DRILLING COMPANY

Drilling Company: Environmental Conbtrol Associates Contact Person: Bryan Cook

Address: 3011 Twin Palms Drive City, State, Zip: Aptos, CA 95003

Phone: 530.441.8393 Email: bryancook101562@gmail.com C57 Drillers License # 695970

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: Kenneth Cook Date: 3/08/2022

CONSULTANT COMPANY

Consultant Company: Haley & Aldrich, Inc. Project Manager: Jennifer Boyer

Address: 2033 N. Main Street, Suite 309 City, State, Zip: Walnut Creek, CA 94596

Telephone: 408.318.3004 Email: jboyer@haleyaldrich.com

Field Contact & Cell # (if known): Zach Stephens

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see page 2), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.

Responsible Professional's Name (Please print legibly): Zachary Gautsch

Responsible Professional's Signature: Zak Gautsch Date: March 9, 2022

California Professional Geologist (PG) No. _____ or Civil Engineer (PE) No. C 85778

FAS8434

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling **start date & time** must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org **at least 2 full working days (i.e. 48 hours) in advance.**
Visit smchealth.org/ehfees for Groundwater Protection Program fees.

PURPOSE OF APPLICATION ☒ Groundwater Monitoring/Vapor Well Installation ☐ Construct Soil Borings (variance request if to be left open >24 hrs)
☐ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____
No. of Wells 1 No. of Borings _____ Well/Boring Names HA-1 (piezometer)

PURPOSE OF DRILLING ☐ Environmental ☐ Geotechnical LEAD AGENCY ☐ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # _____ Assessor's Parcel # (required) 015113240 (one per permit)
Drilling Location Address: 101 Terminal Court City: South San Francisco Zip: 94080
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 100 (feet) Drilling Method: Mud rotary
Boring Diameter: 6 Casing Diameter: _____ Filter Pack Interval: _____ Screen Interval: _____
Destruction Method: ☐ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/BORING OWNER (Well/boring owner name or contact person should match signature)

Name: _____ Contact Person: _____
Address: _____ City, State, Zip: _____
Telephone: _____ Email: _____

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: _____ Date: _____

PROPERTY OWNER (Name as appears on assessor's roles should match signature)

Name: _____ Contact Person: _____
Address: _____ City, State, Zip: _____
Phone: _____ Email: _____

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*
Property Owner's Signature: _____ Date: _____

DRILLING COMPANY

Drilling Company: _____ Contact Person: _____
Address: _____ City, State, Zip: _____
Phone: _____ Email: _____ C57 Drillers License # _____

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ Date: _____

CONSULTANT COMPANY

Consultant Company: _____ Project Manager: _____
Address: _____ City, State, Zip: _____
Telephone: _____ Email: _____
Field Contact & Cell # (if known): _____

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see page 2), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): _____
Responsible Professional's Signature: _____ Date: _____
California Professional Geologist (PG) No. _____ or Civil Engineer (PE) No. _____

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION CHECKLIST

CHECKLIST

- ☐ Legibly filled in all appropriate blanks and boxes, except signature and date (review instructions to verify appropriate fields to leave any lines blank or unchecked).
- ☐ Have all required signatures (can be on separate pages, do not need to be wet signatures).
- ☐ Include appropriate fee with application. Payment can be made by credit card over phone to (650) 372-6200 (indicate when and how application submitted).
- ☐ Include scaled site map of site in relation to cross streets and drilling location in relation to site features.
- ☐ Show approximate location(s) and ID/Name of well/borings.
- ☐ For well installations, indicate (i.e. mark on permit application) anticipated destruction method of these wells. May be asked to provide written description for small diameter (<2") wells.
- ☐ For well destructions via pressure grouting, included well construction logs and grout volume calculations. An approved work plan is required for all well destructions.
- ☐ Shallow (<10') vapor wells do not need to be permitted. However, still must comply with well standards for installation and destruction (i.e. do not use bentonite alone in vadose zone for sanitary seal and remove all non-native material).
- ☐ Notify permitting inspector 2 full working days prior to start of drilling. **Separate notification to case worker if known contaminated site.**
- ☐ Consultant must submit all required information within 60 days of drilling (preferably to drilling@smcgov.org).
- ☐ For Borings and wells: require logs, site map, and analytical data.
- ☐ For wells: require surveyed coordinates and elevation, Well Completion Report (or indicate upload to Department of Water Resources Online System of Well Completion Reports DWR's OSWCR).

COMMON MISTAKES TO AVOID ON APPLICATION

Listed **potential** buyer as Property Owner,

Listed case's address rather than drilling location's address.

Failed to include Assessor's Parcel Number of the drilling location.

- Provided variance justification memo if temporary wells/borings may need to be left open for more than 24 hours to wait for groundwater recharge with estimate of maximum time needed.

- Permit is for **one mobilization** only. If work included in this permit cannot be done in a single mobilization, another permit may be required.

- Well owner must submit indication of annual use of wells (monitoring reports in association with corrective action requests satisfies this requirement); otherwise, wells need to be destroyed within year of last originally intended use.

- Any application for drilling within a landfill (geotechnical or environmental) must be accompanied by a work plan. Work plans must be approved by San Mateo County Environmental Health Services (EHS) and the Groundwater Protection Program prior to drilling.

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology must be submitted to County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS

A. ***Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.***

B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by EHS representative.

C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.

E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.

G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an inspection cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees.

I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.

J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

(agency use only) _____

_____

Agency Use Only:

Signature: ICHA FA # _____ Date: 3/14/2022

PERMIT APPLICATION INSTRUCTIONS AND FEES

A subsurface drilling permit for borings and wells is required if groundwater is anticipated to be encountered or if drilling extends to 10 feet or deeper. Sub-slab and vapor wells shallower than 10 feet do not require a permit. Should groundwater be encountered shallower than 10 feet unexpectedly, then contact San Mateo County EHS Groundwater Protection Program (GPP) immediately and a permit application will be required retroactively. GPP is the permitting agency for all subsurface drilling for environmental and geotechnical purposes within San Mateo County. San Mateo County EHS Land Use Program (LUP) reviews all water well permit applications (smchealth.org/environ/forms) for public supply, domestic, agricultural, cathodic protection, exploratory, and geothermal heat exchange well construction and destruction and permit applications for all reconnaissance, investigation, and excavation work strictly for land use purposes. Please contact the LUP at (650) 372-6200 to discuss permitting, notification, and drilling requirements.

A 120-day extension may be granted for permits which have not been used during the original 120-day time frame. Submit another Subsurface Drilling Permit Application and payment for the permit extension fee at 50% of the fee for the type of drilling. Extension must be requested prior to the original permit expiring. If there are several wells and borings over several contiguous assessor's parcels and public right-of-ways, then discuss the fee with the County inspector at (650) 464-0047 or drilling@smcgov.org. The County inspector may charge only one fee for borings and wells constructed across contiguous assessor's parcels and public right-of- ways. However, this is dependent on how much the County inspector believes will need to be inspected in the field and how much review time of required submittals will be needed.

Section 1: Purpose of Application

At least one of the four boxes must be selected; however, multiple boxes may be selected as long as all of the wells and borings are on the same assessor's parcel or public right-of-way (see Section 4). A **boring** under this permit application is defined as a constructed hole lasting less than 24 hours before being properly destroyed. After 24 hours, the constructed hole is considered a **well** under this permit application which needs to be constructed appropriately unless special conditions are approved as part of the permit. If permit extension is selected, then write in the permit number of the permit to be extended. List the number of wells and borings anticipated to be drilled and what they will be named. This number may change in the field based on conditions encountered.

Section 2: Purpose of Drilling

At least one of the two boxes must be selected; however, both boxes may be selected as long as both purposes of drilling are to be conducted on the same assessor's parcel or public right-of-way (see Section 4). Geotechnical drilling may also be conducted under San Mateo County's Annual Geotechnical Drilling Permit in which consulting companies pay an annual fee to perform this type of drilling an unlimited amount of times for 365 days after obtaining the Annual Geotechnical Drilling Permit. Fees are listed at **smchealth.org/ehfees.** Please note, a Notification Form (not available on website) similar to this Subsurface Drilling Permit Application must be completely filled out and submitted at least 2 business days (48 hours) prior to drilling under the Annual Geotechnical Drilling Permit.

Section 3: Lead Agency

One of the three boxes must be selected. The **EHS GPP** would be selected only for investigations of known contaminated sites that the County is the lead agency. For drilling required by the Regional Water Quality Control Board **(RWQCB)**, Department of Toxic Substances Control **(DTSC)**, or the United States Environmental Protection Agency **(USEPA)**, please include a copy of their approval letter. **None** would refer to investigations required by the County CUPA (Hazardous Materials Program), County Land Use or Solid Waste Programs, County or City Planning or Building Departments or voluntary investigations for due diligence or property transactions.

Section 4: Drilling Information

All applicable spaces must be filled in. Agency Case # refers to the lead agency's case number, if overseen by an agency, for the project under which the investigation is being conducted. **Assessor's parcel number** is the 9-digit number corresponding to the specific private property the drilling is proposed to be conducted on (can be found under Secured Property Taxes at **sanmateocountytaxcollector.org** or **here**).Each permit **must** include only one assessor's parcel number. If the drilling is to be conducted only in public right-of-ways, then the assessor's parcel number space should be filled in with N/A for not applicable. If drilling is to occur on both a private property and a contiguous public right-of-way, then two permits (one for the private property and one for the public right-of-way) must be filled out. **Address, City, and Zip** refer to the location of the specific property drilling is proposed to be conducted on. The address for a public right-of-way would simply be the name of the specific section of the public right-of-way (ie. 100 block of Main Street). **To be Constructed in** must have one box selected. Again, this differentiates between a public right-of-way and a private property. **Refuse** is a special land use designation which needs to be indicated on the permit application.

PERMIT APPLICATION INSTRUCTIONS AND FEES (CONTINUED)

Section 4: Drilling Information (continued)

The rest of this section is self-explanatory, may change in the field based on conditions encountered, and must be filled in except **Destruction Method** for borings only. Schematics may be submitted instead of filling in the well construction details, particularly if wells will be constructed differently from each other.

Destruction Method requires the use of a maximum of 7 gallons of water per 94 pounds of cement. This measurement (for both water and cement) must be able to be demonstrated in the field upon request from the inspector (such as using a 5-gallon bucket for measuring the water and using entire bags of cement). For **pressure grouting**, the well construction log and grout calculations must be submitted. The sand pack may not be more than 3 feet above the top of the screened interval, the screened interval may not be longer than 25 feet, and the bottom of the original boring may not be more than 2 feet deeper than the bottom of the constructed well. The total depth of the well and the fact that there are no obstructions in the well must be verified in the field. Type I/II cement grout must be tremied into the well, followed by application of 25 psi pressure maintained for 5 minutes. If the well does not meet pressure grouting criteria, it must be destroyed by drilling out to the total depth of the original boring. For **overdrilling**, the well casing and all annular material must be removed using a guide rod for the entire depth of the well inserted prior to drilling, and the boring tremie grouted to the surface using Type I/II cement grout. A general observation is that grouting borings using a ¾ inch PVC pipe, typically used to collect grab groundwater samples in borings, does not work with a screened section. Free falling grout is only allowed if the boring is dry, or if water is present in less than 10% of the boring, and less than 30 feet deep. Grout calculations must be provided in a well destruction workplan.

Section 5: Well/Boring Owner

The **name** of the entity owning the wells and borings must be listed along with their contact person (if different from the name of the well/boring owner), address, telephone number, and email address. The **contact person** must be directly associated with or an agent of the entity owning the wells and borings such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **phone** number and an **email** address must be provided to allow the inspector to contact the well/boring owner to verify information if necessary. By providing an email address, the well/ boring owner will receive an electronic copy of the permit. The permit application must be **signed** and **dated** by either the entity listed as the owner of the wells and borings or the contact person. **Signatures (Sections 5 through 8)** do not need to be original; however, one copy of the permit application must contain all of the information besides the signatures in a legible format. ALL SIGNATURES REQUIRED (SECTIONS 5 THROUGH 8) DO NOT NEED TO BE ON THE SAME COPY OF THE PERMIT APPLICATION.

Section 6: Property Owner

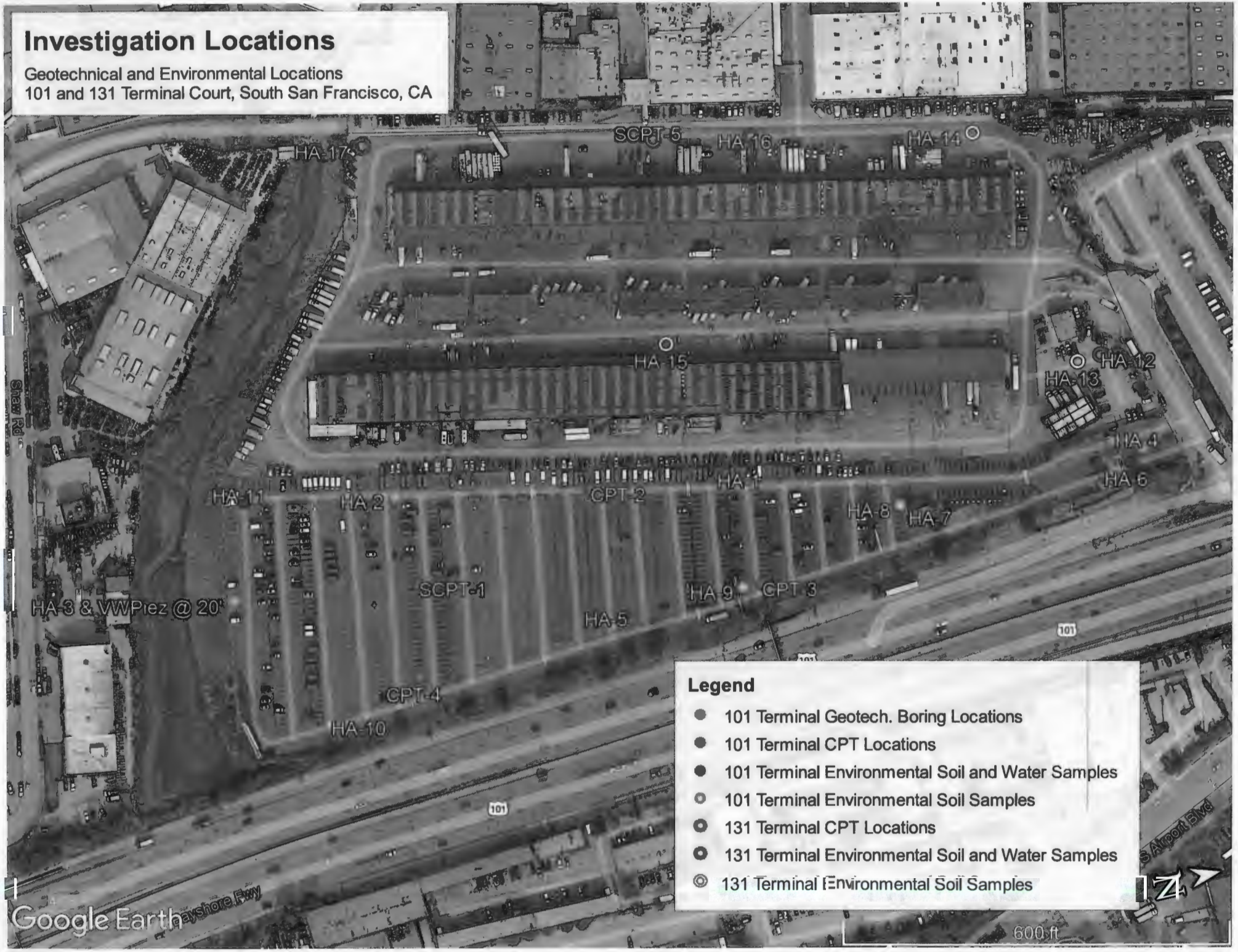
The **name** of the entity owning the property must be listed and needs to match the name listed with the County Assessor for this property. The **contact person** must be directly associated with or an agent of the entity owning the property such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **telephone** number and an **email** address must be provided to allow the inspector to contact the property owner to verify information if necessary. By providing an email address, the property owner will receive an electronic copy of the permit. The permit application must be signed and dated by the entity listed as the property owner only. **AGENTS CANNOT SIGN FOR THE PROPERTY OWNER.** For public rights-of-way, a copy of the encroachment permit can be substituted for the property owner signature. The City of San Mateo, among others, will not issue an encroachment permit until the subsurface drilling permit is issued, but the City of San Mateo will issue a letter of intent to issue an encroachment permit which is acceptable as a substitute for the property owner signature in City of San Mateo rights-of-way.

Section 7: Drilling Company

The **name** of the company proposed to drill the wells and borings must be listed along with the drilling company **contact person**, **address**, **phone number**, and **email address**. In addition, the **driller's C57 license number** must be provided. By providing an email address, the drilling company will receive an electronic copy of the permit. The permit application must be signed and dated by the driller's contact person. If the drilling company changes, then a new subsurface drilling permit application should be filled out completely except for Sections 5, 6, and 8.

Section 8: Consulting Company

The **name** of the company overseeing the proposed drilling of the wells and borings must be listed along with the **project manager**, address, **phone** number, and **email** address. The responsible professional overseeing the work must **print** their name legibly, **sign** their name and date, and provide either their **California Professional Geologist or Civil Engineering** number. Field contact name and number, if known, are optional but beneficial for all parties involved.


Investigation Locations
Geotechnical and Environmental Locations
101 and 131 Terminal Court, South San Francisco, CA
SCPT-5
HA-16
HA-14
HA-17
HA-15
HA-12
HA-13
HA-4
HA-6
HA-11
HA-2
CPT-2
HA-1
HA-8
HA-7
SCPT-1
HA-9
CPT-3
HA-3 & VWPiez @ 20'
HA-5
CPT-4
HA-10
Shaw Rd
101
Bayshore Fwy
S Airport Blvd
Google Earth
600 ft
Legend
101 Terminal Geotech. Boring Locations
101 Terminal CPT Locations
101 Terminal Environmental Soil and Water Samples
101 Terminal Environmental Soil Samples
131 Terminal CPT Locations
131 Terminal Environmental Soil and Water Samples
131 Terminal Environmental Soil Samples

APPENDIX B
Boring Logs

TEST BORING REPORT

Boring No. HA-12

Project	Steelwave - The Terminal, 131 Terminal Ct
Client	Steelwave
Contractor	ECA

File No.	0204962-001
Sheet No.	1 of 1
Start	March 15, 2022
Finish	March 15, 2022
Driller	J. Harris
H&A Rep.	Z. Stephens
Elevation	feet
Datum	
Datum	
Latitude	
Longitude	

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Inside Diameter (in.):				Rig Make & Model: Hand Auger
Well Casing Diameter (in.):				Bit Type:
				Drill Mud:
				PID Make & Model: MiniRae 3000

Depth (ft)	Sample Recovery	Sample Depth (ft)	PID Readings	Well Diagram	Stratum Change Depth (ft)	USCS Symbol	Visual-Manual Identification & Description (color, USCS soil type, odor, moisture, other soil components/descriptions)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0							6.0 in. ASPHALT										
			0.1		0.5	CL	10YR 3/3 dark brown gravelly lean CLAY (CL), no odor, dry										
			0.2				-AGGREGATE BASE-										
					1.3	SC	10YR 3/1 very dark gray clayey SAND with gravel (SC), no odor		15			65	20				
	Hand Auger		173														
		HA-12-S-2.5					At 2.5 ft, very strong petroleum-like odor										
			181														
		HA-12-S-3.75	370														
					4.5	SP-SC	10YR 3/1 very dark gray poorly-graded SAND with clay (SP-SC), very strong odor, wet, with sheen		5			85	10				
5		HA-12-GW	1,092		5.0		BOTTOM OF EXPLORATION 5.0 FT BGS										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
3/15/22	0950	0	5.0	5.0	4.5

Recovery

- No Recovery
- Recovery

Well Diagram

- Riser Pipe
- Well Box
- Screen
- Native
- Filter Sand
- DrySeal
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary

Overburden (ft)	5.0
Rock Cored (ft)	
Samples	3

Boring No. HA-12

Field Tests:

Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. HA-13

Project	Steelwave - The Terminal, 131 Terminal Ct
Client	Steelwave
Contractor	ECA

File No.	0204962-001
Sheet No.	1 of 1
Start	March 15, 2022
Finish	March 15, 2022
Driller	J. Harris
H&A Rep.	Z. Stephens
Elevation	feet
Datum	
Datum	
Latitude	
Longitude	

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Inside Diameter (in.):				Rig Make & Model: Geoprobe 7822DT
Well Casing Diameter (in.):				Bit Type:
				Drill Mud:
				PID Make & Model: MiniRae 3000

Depth (ft)	Sample Recovery	Sample Depth (ft)	PID Readings	Well Diagram	Stratum Change Depth (ft)	USCS Symbol	Visual-Manual Identification & Description (color, USCS soil type, odor, moisture, other soil components/descriptions)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	Hand Auger						6.0 in. ASPHALT										
			1.7		0.5	CL	10YR 3/3 dark brown gravelly lean CLAY (CL), no odor, dry -AGGREGATE BASE-										
			1.3		1.5	SW	Well-graded SAND with gravel (SW), very slight odor		80			15	5				
		HA-13-S-2.5	0.4				From 2.0 to 3.0 ft, staining										
			0.3														
			0.3														
5		HA-13-S-4.5	0.3														
			0.3														
			0.4		8.0		BOTTOM OF EXPLORATION 8.0 FT BGS										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
3/15/22			8.0	8.0	6.0

Recovery

- No Recovery
- Recovery

Well Diagram

- Riser Pipe
- Well Box
- Screen
- Native
- Filter Sand
- DrySeal
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary

Overburden (ft)	8.0
Rock Cored (ft)	
Samples	2

Boring No. HA-13

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. HA-15

Project	Steelwave - The Terminal, 131 Terminal Ct
Client	Steelwave
Contractor	ECA

File No.	0204962-001
Sheet No.	1 of 1
Start	March 15, 2022
Finish	March 15, 2022
Driller	J. Harris
H&A Rep.	Z. Stephens
Elevation	feet
Datum	
Datum	
Latitude	
Longitude	

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Inside Diameter (in.):				Rig Make & Model: Hand Auger
Well Casing Diameter (in.):				Bit Type:
				Drill Mud:
				PID Make & Model: MiniRae 3000

Depth (ft)	Sample Recovery	Sample Depth (ft)	PID Readings	Well Diagram	Stratum Change Depth (ft)	USCS Symbol	Visual-Manual Identification & Description (color, USCS soil type, odor, moisture, other soil components/descriptions)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	Hand Auger						6.0 in. ASPHALT										
					0.5	CL	10YR 3/3 dark brown gravelly lean CLAY (CL), no odor, dry										
			0.5		1.0		-AGGREGATE BASE- Dark brown-red ROCK, possibly brick, not soil										
					1.5	SP	10YR 5/3 brown poorly-graded SAND (SP), no odor, dry					95	5				
			0.3														
					2.5	SC	10YR 5/2 grayish brown clayey SAND (SC), no odor, dry		5			70	25				
			0.2														
		HA-15-S-4.0															
			0.1				At 4.5 ft, saturated										
5					5.0		BOTTOM OF EXPLORATION 5.0 FT BGS										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
3/15/22			5.0	5.0	4.5

Recovery
- No Recovery
- Recovery

Well Diagram
- Riser Pipe
- Well Box
- Screen
- Native
- Filter Sand
- DrySeal
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary

Overburden (ft)	5.0
Rock Cored (ft)	
Samples	1

Boring No. HA-15

Field Tests:
Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. HA-16

Project	Steelwave - The Terminal, 131 Terminal Ct
Client	Steelwave
Contractor	ECA

File No.	0204962-001
Sheet No.	1 of 1
Start	March 15, 2022
Finish	March 15, 2022
Driller	J. Harris
H&A Rep.	Z. Stephens
Elevation	feet
Datum	
Datum	
Latitude	
Longitude	

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Inside Diameter (in.):				Rig Make & Model: Geoprobe 7822DT
Well Casing Diameter (in.):				Bit Type:
				Drill Mud:
				PID Make & Model: MiniRae 3000

Depth (ft)	Sample Recovery	Sample Depth (ft)	PID Readings	Well Diagram	Stratum Change Depth (ft)	USCS Symbol	Visual-Manual Identification & Description (color, USCS soil type, odor, moisture, other soil components/descriptions)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	Hand Auger				0.5		6.0 in. ASPHALT										
			0.1		1.0	CL	10YR 3/3 dark brown gravelly lean CLAY (CL), no odor, dry										
						SW-SC	-AGGREGATE BASE-	5	15	35	35		10				
		HA-16-S-1.75					10YR 3/3 dark brown well-graded SAND with clay and gravel (SW-SC)										
			0.3		3.5		Very dark brown OBSIDIAN ROCK, crushed rock with sand										
5			0.8														
					6.0	CH	10YR 3/1 very dark gray fat CLAY (CH), with sulphuric odor						100	S	H	M	H
			10.1														
10		HA-16-S-10.0	13.6														
			12.2				At 12.5 ft, saturated										
		HA-16-GW	30.5														
15					16.0		BOTTOM OF EXPLORATION 16.0 FT BGS										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
3/15/22	1655	~4	16.0	16.0	15.5

Recovery

- No Recovery
- Recovery

Well Diagram

- Riser Pipe
- Well Box
- Screen
- Native
- Filter Sand
- DrySeal
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary

Overburden (ft)	16.0
Rock Cored (ft)	
Samples	3

Boring No. HA-16

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. HA-17

Project	Steelwave - The Terminal, 131 Terminal Ct
Client	Steelwave
Contractor	ECA

File No.	0204962-001
Sheet No.	1 of 1
Start	March 15, 2022
Finish	March 15, 2022
Driller	J. Harris
H&A Rep.	Z. Stephens
Elevation	feet
Datum	
Datum	
Latitude	
Longitude	

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Inside Diameter (in.):				Rig Make & Model: Geoprobe 7822DT
Well Casing Diameter (in.):				Bit Type:
				Drill Mud:
				PID Make & Model: MiniRae 3000

Depth (ft)	Sample Recovery	Sample Depth (ft)	PID Readings	Well Diagram	Stratum Change Depth (ft)	USCS Symbol	Visual-Manual Identification & Description (color, USCS soil type, odor, moisture, other soil components/descriptions)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	Hand Auger				0.5		6.0 in. ASPHALT										
			0.1			CL	10YR 3/3 dark brown gravelly lean CLAY (CL), no odor, dry										
					1.5		-AGGREGATE BASE-										
		HA-17-S-2.5	0.1			SC	10YR 3/3 dark brown clayey SAND intermixed with rocks (SC), no odor, dry		5		30	35	30				
5			0.1														
			0.1														
			0.1														
			0.1														
			0.1		8.0												
		HA-17-S-8.0	0.1			CH	10YR 3/1 very dark gray fat CLAY (CH), no odor						100	S	H	M	H
							At 8.5 ft, saturated										
10			0.1														
		HA-17-GW	0.1														
					12.0		BOTTOM OF EXPLORATION 12.0 FT BGS										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
3/15/22	1530	~1.5	12.0	12.0	8.5

Recovery

- No Recovery
- Recovery

Well Diagram

- Riser Pipe
- Well Box
- Screen
- Native
- Filter Sand
- DrySeal
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary

Overburden (ft)	12.0
Rock Cored (ft)	
Samples	3

Boring No. HA-17

Field Tests:

Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R1 0204962_HA-LIB09_WNC.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0204962\GINT\0204962_131 TERMINAL CT BORING LOGS.GPJ Apr 5, 22

APPENDIX C
Analytical Laboratory Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-85798-1
Client Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

For:
Haley & Aldrich, Inc.
2107 N. 1st Street
Suite 380
San Jose, California 95131-2028

Attn: Ms. Jennifer Boyer

Authorized for release by:
4/2/2022 1:56:02 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

LINKS

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Have a Question? Ask The Expert

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 320-85798-1

Laboratory: Eurofins Sacramento

Narrative

Job Narrative
320-85798-1

Comments
Sample "HA-16-GW" (320-85798-18) was not assigned 8015 Diesel analysis due to not receiving container needed.

Receipt
The samples were received on 3/16/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8º C.

Receipt Exceptions
Sample "HA-16-GW" (320-85798-18) was not assigned 8015 Diesel analysis due to not receiving container needed.

All TerraCore samples were preserved via freezing on 3/15/22 at 19:45 by client.

GC/MS VOA
Method 8260B: The following samples were collected in properly preserved vials; however, the pH was outside the required criteria when verified by the laboratory: HA-17-GW (320-85798-17) and HA-16-GW (320-85798-18). The samples were analyzed within the 7-day holding time specified for unpreserved samples.

Method 8260B: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: HA-6-GW (320-85798-13), HA-7-GW (320-85798-14), HA-11-GW (320-85798-15), HA-17-GW (320-85798-17) and HA-16-GW (320-85798-18). Elevated reporting limits (RLs) are provided.

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: HA-12-S-3.75 (320-85798-7) and HA-12-GW (320-85798-16). Elevated reporting limits (RLs) are provided.

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 for the following samples in analytical batch 320-574383 was outside acceptance criteria: HA-7-S-5.5 (320-85798-2), HA-8-S-3.5 (320-85798-3), HA-12-S-2.5 (320-85798-8), (CCV 320-574383/3), (LCS 320-574383/7), (LCSD 320-574383/8) and (MB 320-574383/10). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) responses for Dioxane-d8 and TBA-d9 for the following samples in analytical batch 320-574383 were outside acceptance criteria: HA-13-S-4.5 (320-85798-9), HA-15-S-4.0 (320-85798-10), HA-16-S-10 (320-85798-11) and HA-17-S-8.0 (320-85798-12). These ISTDs do not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 for the following samples in analytical batch 320-574607 was outside acceptance criteria: HA-11-GW (320-85798-15) and (MB 320-574607/11). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 for the following samples in analytical batch 320-574629 was outside acceptance criteria: (CCV 320-574629/3) and (LCS 320-574629/7). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 for the following sample in analytical batch 320-574838 was outside acceptance criteria: HA-12-S-3.75 (320-85798-7). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) response for TBA-d9 for the following sample in analytical batch 320-576134 was outside acceptance criteria: HA-12-S-3.75 (320-85798-7). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) responses for 2-Butanone-d5, Dioxane-d8 and TBA-d9 for the following sample in analytical batch 320-576394 were outside acceptance criteria: HA-12-S-3.75 (320-85798-7). These ISTDs do not correspond to any of the requested

Job ID: 320-85798-1 (Continued)

Laboratory: Eurofins Sacramento (Continued)

target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) response for TBA-d9 for the following sample in analytical batch 320-576394 was outside acceptance criteria: (CCV 320-576394/3). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) responses for Dioxane-d8 and TBA-d9 for the following sample in analytical batch 320-576394 were outside acceptance criteria: (CCB 320-576394/1010). These ISTDs do not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 and/or TBA-d9 for the following samples in analytical batch 320-575445 was outside acceptance criteria: HA-12-S-3.75 (320-85798-7), (LCS 320-573664/2-A), (LCSD 320-573664/3-A) and (MB 320-573664/1-A). These ISTDs do not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-573663 and analytical batch 320-574383. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with analytical batch 320-574607. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-573663 and analytical batch 320-574629. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-573663 and analytical batch 320-574838. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: The following samples were collected in properly preserved vials; however, the pH was outside the required criteria when verified by the laboratory: HA-17-GW (320-85798-17) and HA-16-GW (320-85798-18). The samples were analyzed within the 7-day holding time specified for unpreserved samples.

Method 8260B/CA_LUFTMS: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: HA-6-GW (320-85798-13), HA-7-GW (320-85798-14), HA-11-GW (320-85798-15), HA-17-GW (320-85798-17) and HA-16-GW (320-85798-18). Elevated reporting limits (RLs) are provided.

Method 8260B/CA_LUFTMS: The following sample was diluted to bring the concentration of target analytes within the calibration range: HA-12-S-3.75 (320-85798-7) and HA-12-GW (320-85798-16). Elevated reporting limits (RLs) are provided.

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with analytical batch 320-574605. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-573663 and analytical batch 320-574384. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-573663 and analytical batch 320-574630. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: The ending continuing calibration verification (CCV) for analytical batch 320-574630 (CCV 320-574630/32)

Job ID: 320-85798-1 (Continued)

Laboratory: Eurofins Sacramento (Continued)

was outside acceptance limits with a low bias. Two consecutive CCVs (CCV 320-574630/34 and CCV 320-574630/35) were analyzed the next morning, outside the 12-hour tune window to demonstrate that the instrument was still in calibration.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8015B: The following samples were diluted to bring the concentration of target analytes within the calibration range: HA-6-S-2.5 (320-85798-1), (320-85798-D-1-H MS) and (320-85798-D-1-I MSD). Elevated reporting limits (RLs) are provided.

Method 8015B: The following sample was diluted due to abundance of target analytes: HA-12-S-3.75 (320-85798-7). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method 8015B: Surrogate recoveries for the following samples were outside control limits: HA-8-S-3.5 (320-85798-3), HA-9-S-5.0 (320-85798-4), HA-16-S-10 (320-85798-11) and HA-17-S-8.0 (320-85798-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-574065 and analytical batch 320-574865 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B: Due to the high concentration of Motor Oil Range Organics [C28-C40], the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 320-575209 and analytical batch 320-576732 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-575209 and analytical batch 320-576732 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was earlier the typical diesel fuel pattern used by the laboratory for quantitative purposes: HA-12-S-3.75 (320-85798-7), HA-12-S-2.5 (320-85798-8), HA-12-GW (320-85798-16) and (320-85728-D-3-C).

Method 8015B: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: HA-6-S-2.5 (320-85798-1), HA-8-S-3.5 (320-85798-3), HA-10-S-3.5 (320-85798-5), HA-11-S-5.5 (320-85798-6) and HA-13-S-4.5 (320-85798-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 3005A: The following samples were scheduled for dissolved metals and were not filtered in the field: HA-12-GW (320-85798-16), (320-85798-E-16-A MS) and (320-85798-E-16-A MSD). These samples were filtered and preserved upon receipt to the laboratory.

Method 6010B: The following samples were diluted to bring the concentration of target analytes within the calibration range: HA-9-S-5.0 (320-85798-4) and HA-17-S-8.0 (320-85798-12). Elevated reporting limits (RLs) are provided.

Method 6010B: The following samples were diluted due to the nature of the sample matrix: HA-8-S-3.5 (320-85798-3), HA-11-S-5.5 (320-85798-6) and HA-13-S-4.5 (320-85798-9). Elevated reporting limits (RLs) are provided.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-574722 and analytical batch 320-575058 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-575028 and analytical batch 320-575402 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Job ID: 320-85798-1 (Continued)

Laboratory: Eurofins Sacramento (Continued)

Method 7471A: The matrix spike / matrix spike duplicate (MS) recovery for preparation batch 320-575887 and analytical batch 320-575969 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3510C SGC: The following samples were decanted prior to preparation: HA-6-GW (320-85798-13), HA-7-GW (320-85798-14), HA-11-GW (320-85798-15) and HA-17-GW (320-85798-17). These samples are associated with method 8015B_DRO in preparation batch 320-574065.

Method 3510C SGC: The following samples formed emulsions during the extraction procedure: HA-6-GW (320-85798-13), HA-7-GW (320-85798-14), HA-11-GW (320-85798-15), HA-12-GW (320-85798-16) and HA-17-GW (320-85798-17). The emulsions were broken up using sodium sulfate. These samples are associated with method 8015B_DRO in preparation batch 320-574065.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-6-S-2.5 — Lab Sample ID: 320-85798-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	17		15		ug/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	28	F1	2.0		mg/Kg	2		8015B	Silica Gel Cleanup
Motor Oil Range Organics [C28-C40]	130		9.9		mg/Kg	2		8015B	Silica Gel Cleanup
Arsenic	8.3		2.0		mg/Kg	1		6010B	Total/NA
Barium	46	F1	0.98		mg/Kg	1		6010B	Total/NA
Beryllium	0.56		0.20		mg/Kg	1		6010B	Total/NA
Cobalt	8.4		0.49		mg/Kg	1		6010B	Total/NA
Chromium	51	F1	0.49		mg/Kg	1		6010B	Total/NA
Copper	17	F1	1.5		mg/Kg	1		6010B	Total/NA
Nickel	48	F1	0.98		mg/Kg	1		6010B	Total/NA
Lead	10		0.98		mg/Kg	1		6010B	Total/NA
Selenium	2.0		2.0		mg/Kg	1		6010B	Total/NA
Antimony	9.8	F1	2.0		mg/Kg	1		6010B	Total/NA
Vanadium	27		0.49		mg/Kg	1		6010B	Total/NA
Zinc	38		2.0		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-7-S-5.5 — Lab Sample ID: 320-85798-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.9		1.9		mg/Kg	1		6010B	Total/NA
Barium	65		0.96		mg/Kg	1		6010B	Total/NA
Beryllium	1.1		0.19		mg/Kg	1		6010B	Total/NA
Cobalt	12		0.48		mg/Kg	1		6010B	Total/NA
Chromium	43		0.48		mg/Kg	1		6010B	Total/NA
Copper	26		1.4		mg/Kg	1		6010B	Total/NA
Nickel	42		0.96		mg/Kg	1		6010B	Total/NA
Lead	6.4		0.96		mg/Kg	1		6010B	Total/NA
Selenium	3.0		1.9		mg/Kg	1		6010B	Total/NA
Antimony	22		1.9		mg/Kg	1		6010B	Total/NA
Vanadium	47		0.48		mg/Kg	1		6010B	Total/NA
Zinc	45		1.9		mg/Kg	1		6010B	Total/NA
Mercury	0.073		0.038		mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-8-S-3.5 — Lab Sample ID: 320-85798-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	4.1		0.97		mg/Kg	1		8015B	Silica Gel Cleanup
Motor Oil Range Organics [C28-C40]	31		4.8		mg/Kg	1		8015B	Silica Gel Cleanup
Arsenic	2.6		1.9		mg/Kg	1		6010B	Total/NA
Barium	75		0.95		mg/Kg	1		6010B	Total/NA
Beryllium	2.8		0.95		mg/Kg	5		6010B	Total/NA
Cadmium	0.19		0.19		mg/Kg	1		6010B	Total/NA
Cobalt	25		2.4		mg/Kg	5		6010B	Total/NA
Chromium	56		0.48		mg/Kg	1		6010B	Total/NA
Copper	39		7.1		mg/Kg	5		6010B	Total/NA
Nickel	38		0.95		mg/Kg	1		6010B	Total/NA
Selenium	4.0		1.9		mg/Kg	1		6010B	Total/NA
Antimony	93		9.5		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Client Sample ID: HA-8-S-3.5 (Continued) — Lab Sample ID: 320-85798-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Vanadium	150		2.4		mg/Kg	5		6010B	Total/NA
Zinc	52		1.9		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-9-S-5.0 — Lab Sample ID: 320-85798-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Silver	0.73		0.49		mg/Kg	1		6010B	Total/NA
Arsenic	35		1.9		mg/Kg	1		6010B	Total/NA
Barium	65		0.97		mg/Kg	1		6010B	Total/NA
Beryllium	1.1		0.19		mg/Kg	1		6010B	Total/NA
Cadmium	4.0		0.19		mg/Kg	1		6010B	Total/NA
Cobalt	18		0.49		mg/Kg	1		6010B	Total/NA
Chromium	80		0.49		mg/Kg	1		6010B	Total/NA
Copper	54		1.5		mg/Kg	1		6010B	Total/NA
Nickel	86		0.97		mg/Kg	1		6010B	Total/NA
Lead	580		0.97		mg/Kg	1		6010B	Total/NA
Selenium	3.3		1.9		mg/Kg	1		6010B	Total/NA
Antimony	11		1.9		mg/Kg	1		6010B	Total/NA
Vanadium	45		0.49		mg/Kg	1		6010B	Total/NA
Zinc	2500		9.7		mg/Kg	5		6010B	Total/NA
Mercury	0.20		0.041		mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-10-S-3.5 — Lab Sample ID: 320-85798-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2.0		1.0		mg/Kg	1		8015B	Silica Gel Cleanup
Motor Oil Range Organics [C28-C40]	11		5.0		mg/Kg	1		8015B	Silica Gel Cleanup
Arsenic	21		1.9		mg/Kg	1		6010B	Total/NA
Barium	66		0.96		mg/Kg	1		6010B	Total/NA
Beryllium	0.88		0.19		mg/Kg	1		6010B	Total/NA
Cobalt	15		0.48		mg/Kg	1		6010B	Total/NA
Chromium	73		0.48		mg/Kg	1		6010B	Total/NA
Copper	29		1.4		mg/Kg	1		6010B	Total/NA
Nickel	79		0.96		mg/Kg	1		6010B	Total/NA
Lead	11		0.96		mg/Kg	1		6010B	Total/NA
Selenium	2.8		1.9		mg/Kg	1		6010B	Total/NA
Antimony	13		1.9		mg/Kg	1		6010B	Total/NA
Vanadium	44		0.48		mg/Kg	1		6010B	Total/NA
Zinc	41		1.9		mg/Kg	1		6010B	Total/NA
Mercury	0.052		0.043		mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-11-S-5.5 — Lab Sample ID: 320-85798-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.4		1.0		mg/Kg	1		8015B	Silica Gel Cleanup
Arsenic	15		1.9		mg/Kg	1		6010B	Total/NA
Barium	63		0.96		mg/Kg	1		6010B	Total/NA
Beryllium	2.0		0.96		mg/Kg	5		6010B	Total/NA
Cadmium	2.1		0.19		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-11-S-5.5 (Continued) — Lab Sample ID: 320-85798-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Cobalt	38		2.4		mg/Kg	5		6010B	Total/NA
Chromium	380		0.48		mg/Kg	1		6010B	Total/NA
Copper	51		7.2		mg/Kg	5		6010B	Total/NA
Nickel	400		0.96		mg/Kg	1		6010B	Total/NA
Lead	40		4.8		mg/Kg	5		6010B	Total/NA
Selenium	3.9		1.9		mg/Kg	1		6010B	Total/NA
Antimony	60		9.6		mg/Kg	5		6010B	Total/NA
Vanadium	89		2.4		mg/Kg	5		6010B	Total/NA
Zinc	580		1.9		mg/Kg	1		6010B	Total/NA
Mercury	0.042		0.039		mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-12-S-3.75 — Lab Sample ID: 320-85798-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO)-C4-C12	720		33		mg/Kg	10		8260B/CA_LUFT MS	Total/NA
Benzene	240		33		ug/Kg	1		8260B	Total/NA
sec-Butylbenzene	1000		33		ug/Kg	1		8260B	Total/NA
tert-Butylbenzene	1300		33		ug/Kg	1		8260B	Total/NA
Isopropylbenzene	1700		33		ug/Kg	1		8260B	Total/NA
p-Isopropyltoluene	630		33		ug/Kg	1		8260B	Total/NA
o-Xylene	97		33		ug/Kg	1		8260B	Total/NA
n-Butylbenzene - DL	6100		330		ug/Kg	10		8260B	Total/NA
Ethylbenzene - DL	5600		330		ug/Kg	10		8260B	Total/NA
N-Propylbenzene - DL	7700		330		ug/Kg	10		8260B	Total/NA
1,2,4-Trimethylbenzene - DL	15000		330		ug/Kg	10		8260B	Total/NA
1,3,5-Trimethylbenzene - DL	9200		330		ug/Kg	10		8260B	Total/NA
m-Xylene & p-Xylene - DL	3800		330		ug/Kg	10		8260B	Total/NA
Xylenes, Total - DL	3800		330		ug/Kg	10		8260B	Total/NA
Naphthalene - RADL	7100		330		ug/Kg	10		8260B	Total/NA
Diesel Range Organics [C10-C28]	870		9.8		mg/Kg	10		8015B	Silica Gel Cleanup
Arsenic	4.0		1.9		mg/Kg	1		6010B	Total/NA
Barium	78		0.96		mg/Kg	1		6010B	Total/NA
Beryllium	0.80		0.19		mg/Kg	1		6010B	Total/NA
Cobalt	8.7		0.48		mg/Kg	1		6010B	Total/NA
Chromium	56		0.48		mg/Kg	1		6010B	Total/NA
Copper	14		1.4		mg/Kg	1		6010B	Total/NA
Nickel	57		0.96		mg/Kg	1		6010B	Total/NA
Lead	8.5		0.96		mg/Kg	1		6010B	Total/NA
Antimony	18		1.9		mg/Kg	1		6010B	Total/NA
Vanadium	43		0.48		mg/Kg	1		6010B	Total/NA
Zinc	34		1.9		mg/Kg	1		6010B	Total/NA
Mercury	0.052		0.042		mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-12-S-2.5 — Lab Sample ID: 320-85798-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO)-C4-C12	4.0		0.42		mg/Kg	1		8260B/CA_LUFT MS	Total/NA
n-Butylbenzene	21		4.2		ug/Kg	1		8260B	Total/NA
sec-Butylbenzene	6.6		4.2		ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-S-2.5 (Continued) — Lab Sample ID: 320-85798-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
tert-Butylbenzene	11		4.2		ug/Kg	1		8260B	Total/NA
Ethylbenzene	6.9		4.2		ug/Kg	1		8260B	Total/NA
Isopropylbenzene	14		4.2		ug/Kg	1		8260B	Total/NA
Naphthalene	33		4.2		ug/Kg	1		8260B	Total/NA
N-Propylbenzene	46		4.2		ug/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	5.6		4.2		ug/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	22		0.99		mg/Kg	1		8015B	Silica Gel Cleanup
Arsenic	5.9		1.9		mg/Kg	1		6010B	Total/NA
Barium	55		0.97		mg/Kg	1		6010B	Total/NA
Beryllium	0.81		0.19		mg/Kg	1		6010B	Total/NA
Cadmium	1.7		0.19		mg/Kg	1		6010B	Total/NA
Cobalt	7.7		0.49		mg/Kg	1		6010B	Total/NA
Chromium	50		0.49		mg/Kg	1		6010B	Total/NA
Copper	28		1.5		mg/Kg	1		6010B	Total/NA
Nickel	40		0.97		mg/Kg	1		6010B	Total/NA
Lead	38		0.97		mg/Kg	1		6010B	Total/NA
Selenium	2.2		1.9		mg/Kg	1		6010B	Total/NA
Antimony	16		1.9		mg/Kg	1		6010B	Total/NA
Vanadium	43		0.49		mg/Kg	1		6010B	Total/NA
Zinc	340		1.9		mg/Kg	1		6010B	Total/NA
Mercury	0.25		0.041		mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-13-S-4.5 — Lab Sample ID: 320-85798-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2.3		0.97		mg/Kg	1		8015B	Silica Gel Cleanup
Arsenic	3.2		2.0		mg/Kg	1		6010B	Total/NA
Barium	43		0.98		mg/Kg	1		6010B	Total/NA
Beryllium	1.3		0.98		mg/Kg	5		6010B	Total/NA
Cobalt	11		2.5		mg/Kg	5		6010B	Total/NA
Chromium	70		0.49		mg/Kg	1		6010B	Total/NA
Copper	22		7.4		mg/Kg	5		6010B	Total/NA
Nickel	51		0.98		mg/Kg	1		6010B	Total/NA
Selenium	2.0		2.0		mg/Kg	1		6010B	Total/NA
Antimony	40		9.8		mg/Kg	5		6010B	Total/NA
Vanadium	62		2.5		mg/Kg	5		6010B	Total/NA
Zinc	32		2.0		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-15-S-4.0 — Lab Sample ID: 320-85798-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		1.9		mg/Kg	1		6010B	Total/NA
Barium	75		0.95		mg/Kg	1		6010B	Total/NA
Beryllium	0.98		0.19		mg/Kg	1		6010B	Total/NA
Cobalt	10		0.48		mg/Kg	1		6010B	Total/NA
Chromium	47		0.48		mg/Kg	1		6010B	Total/NA
Copper	22		1.4		mg/Kg	1		6010B	Total/NA
Nickel	51		0.95		mg/Kg	1		6010B	Total/NA
Lead	6.0		0.95		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-15-S-4.0 (Continued) — Lab Sample ID: 320-85798-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Selenium	2.5		1.9		mg/Kg	1		6010B	Total/NA
Antimony	9.8		1.9		mg/Kg	1		6010B	Total/NA
Vanadium	40		0.48		mg/Kg	1		6010B	Total/NA
Zinc	28		1.9		mg/Kg	1		6010B	Total/NA
Mercury	0.56		0.039		mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-16-S-10 — Lab Sample ID: 320-85798-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.0		2.0		mg/Kg	1		6010B	Total/NA
Barium	22		1.0		mg/Kg	1		6010B	Total/NA
Beryllium	0.28		0.20		mg/Kg	1		6010B	Total/NA
Cobalt	6.2		0.50		mg/Kg	1		6010B	Total/NA
Chromium	40		0.50		mg/Kg	1		6010B	Total/NA
Copper	14		1.5		mg/Kg	1		6010B	Total/NA
Nickel	36		1.0		mg/Kg	1		6010B	Total/NA
Lead	4.5		1.0		mg/Kg	1		6010B	Total/NA
Vanadium	30		0.50		mg/Kg	1		6010B	Total/NA
Zinc	35		2.0		mg/Kg	1		6010B	Total/NA
Mercury	0.48		0.043		mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-17-S-8.0 — Lab Sample ID: 320-85798-12

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Silver	0.65		0.50		mg/Kg	1		6010B	Total/NA
Arsenic	29		2.0		mg/Kg	1		6010B	Total/NA
Barium	89		0.99		mg/Kg	1		6010B	Total/NA
Beryllium	0.48		0.20		mg/Kg	1		6010B	Total/NA
Cadmium	7.9		0.20		mg/Kg	1		6010B	Total/NA
Cobalt	14		0.50		mg/Kg	1		6010B	Total/NA
Chromium	110		0.50		mg/Kg	1		6010B	Total/NA
Copper	64		1.5		mg/Kg	1		6010B	Total/NA
Nickel	130		0.99		mg/Kg	1		6010B	Total/NA
Lead	300		0.99		mg/Kg	1		6010B	Total/NA
Vanadium	48		0.50		mg/Kg	1		6010B	Total/NA
Zinc	2900		9.9		mg/Kg	5		6010B	Total/NA

Client Sample ID: HA-6-GW — Lab Sample ID: 320-85798-13

No Detections.

Client Sample ID: HA-7-GW — Lab Sample ID: 320-85798-14

No Detections.

Client Sample ID: HA-11-GW — Lab Sample ID: 320-85798-15

No Detections.

Client Sample ID: HA-12-GW — Lab Sample ID: 320-85798-16

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO)-C4-C12	16000		1000		ug/L	20		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-GW (Continued) — Lab Sample ID: 320-85798-16

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1200		10		ug/L	20		8260B	Total/NA
n-Butylbenzene	60		20		ug/L	20		8260B	Total/NA
sec-Butylbenzene	22		20		ug/L	20		8260B	Total/NA
tert-Butylbenzene	55		20		ug/L	20		8260B	Total/NA
Ethylbenzene	1400		10		ug/L	20		8260B	Total/NA
Isopropylbenzene	180		10		ug/L	20		8260B	Total/NA
Naphthalene	290		20		ug/L	20		8260B	Total/NA
N-Propylbenzene	450		20		ug/L	20		8260B	Total/NA
Toluene	31		10		ug/L	20		8260B	Total/NA
1,2,4-Trimethylbenzene	840		20		ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	450		10		ug/L	20		8260B	Total/NA
m-Xylene & p-Xylene	950		10		ug/L	20		8260B	Total/NA
o-Xylene	24		10		ug/L	20		8260B	Total/NA
Xylenes, Total	970		10		ug/L	20		8260B	Total/NA
Methyl tert-butyl ether	58		10		ug/L	20		8260B	Total/NA
Diesel Range Organics [C10-C28]	2300		50		ug/L	1		8015B	Silica Gel Cleanup

Client Sample ID: HA-17-GW — Lab Sample ID: 320-85798-17

No Detections.

Client Sample ID: HA-16-GW — Lab Sample ID: 320-85798-18

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-6-S-2.5

Date Collected: 03/14/22 09:20
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-1

Matrix: Solid

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.38		mg/Kg		03/15/22 19:45	03/21/22 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 131*	*03/15/22 19:45*	*03/21/22 20:53*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	17		15		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Benzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Bromobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Bromochloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Bromodichloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Bromoform	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Bromomethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
2-Butanone (MEK)	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
n-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
sec-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
tert-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Carbon disulfide	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Carbon tetrachloride	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Chlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Chloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Chloroform	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Chloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
2-Chlorotoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
4-Chlorotoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,2-Dibromo-3-Chloropropane	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,2-Dibromoethane (EDB)	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Dibromochloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Dibromomethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,2-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,3-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,4-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Dichlorodifluoromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,1-Dichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,2-Dichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
cis-1,2-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
trans-1,2-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,1-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,2-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,3-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
2,2-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
cis-1,3-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
trans-1,3-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,1-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Ethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Hexachlorobutadiene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
2-Hexanone	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1

Client Sample ID: HA-6-S-2.5

Date Collected: 03/14/22 09:20
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-1

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
p-Isopropyltoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
4-Methyl-2-pentanone (MIBK)	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Methyl tert-butyl ether	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Methylene Chloride	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Naphthalene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
N-Propylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Styrene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,1,1,2-Tetrachloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,1,2,2-Tetrachloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Tetrachloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Toluene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,2,3-Trichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,2,4-Trichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,1,1-Trichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,1,2-Trichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Trichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Trichlorofluoromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,2,3-Trichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,2,4-Trimethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
1,3,5-Trimethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Vinyl acetate	ND		7.7		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Vinyl chloride	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
m-Xylene & p-Xylene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
o-Xylene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1
Xylenes, Total	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*63 - 143*	*03/15/22 19:45*	*03/21/22 20:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 156*	*03/15/22 19:45*	*03/21/22 20:53*	*1*
Toluene-d8 (Surr)	*104*		*63 - 138*	*03/15/22 19:45*	*03/21/22 20:53*	*1*
Dibromofluoromethane (Surr)	*103*		*55 - 129*	*03/15/22 19:45*	*03/21/22 20:53*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**28**	**F1**	2.0		mg/Kg		03/23/22 11:19	03/30/22 14:59	2
Motor Oil Range Organics [C28-C40]	**130**		9.9		mg/Kg		03/23/22 11:19	03/30/22 14:59	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*54*		*51 - 111*	*03/23/22 11:19*	*03/30/22 14:59*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Arsenic	**8.3**		2.0		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Barium	**46**	**F1**	0.98		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Beryllium	**0.56**		0.20		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Cadmium	ND		0.20		mg/Kg		03/21/22 15:30	03/22/22 11:04	1

Client Sample ID: HA-6-S-2.5

Date Collected: 03/14/22 09:20
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-1

Matrix: Solid

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**8.4**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Chromium	**51**	**F1**	0.49		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Copper	**17**	**F1**	1.5		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Molybdenum	ND		2.0		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Nickel	**48**	**F1**	0.98		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Lead	**10**		0.98		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Selenium	**2.0**		2.0		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Antimony	**9.8**	**F1**	2.0		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Thallium	ND		2.0		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Vanadium	**27**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:04	1
Zinc	**38**		2.0		mg/Kg		03/21/22 15:30	03/22/22 11:04	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.038		mg/Kg		03/23/22 14:38	03/25/22 02:40	1

Client Sample ID: HA-7-S-5.5

Date Collected: 03/14/22 10:55
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-2

Matrix: Solid

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.37		mg/Kg		03/15/22 19:45	03/20/22 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 131*	*03/15/22 19:45*	*03/20/22 13:16*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		15		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Benzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Bromobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Bromochloromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Bromodichloromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Bromoform	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Bromomethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
2-Butanone (MEK)	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
n-Butylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
sec-Butylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
tert-Butylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Carbon disulfide	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Carbon tetrachloride	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Chlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Chloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Chloroform	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Chloromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
2-Chlorotoluene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
4-Chlorotoluene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,2-Dibromo-3-Chloropropane	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-7-S-5.5
Date Collected: 03/14/22 10:55
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Dibromochloromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Dibromomethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Dichlorodifluoromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,1-Dichloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,2-Dichloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,1-Dichloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,2-Dichloropropane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,3-Dichloropropane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
2,2-Dichloropropane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,1-Dichloropropene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Ethylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Hexachlorobutadiene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
2-Hexanone	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Isopropylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
p-Isopropyltoluene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
4-Methyl-2-pentanone (MIBK)	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Methyl tert-butyl ether	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Methylene Chloride	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Naphthalene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
N-Propylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Styrene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,1,2,2-Tetrachloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Tetrachloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Toluene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,2,3-Trichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,2,4-Trichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Trichloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Trichlorofluoromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,2,3-Trichloropropane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,2,4-Trimethylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
1,3,5-Trimethylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Vinyl acetate	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Vinyl chloride	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
m-Xylene & p-Xylene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
o-Xylene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1
Xylenes, Total	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:16	1

Client Sample ID: HA-7-S-5.5
Lab Sample ID: 320-85798-2
Date Collected: 03/14/22 10:55
Matrix: Solid
Date Received: 03/16/22 09:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*63 - 143*	*03/15/22 19:45*	*03/20/22 13:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*32 - 156*	*03/15/22 19:45*	*03/20/22 13:16*	*1*
Toluene-d8 (Surr)	*101*		*63 - 138*	*03/15/22 19:45*	*03/20/22 13:16*	*1*
Dibromofluoromethane (Surr)	*100*		*55 - 129*	*03/15/22 19:45*	*03/20/22 13:16*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	mg/Kg		03/23/22 11:19	03/30/22 16:23	1
Motor Oil Range Organics [C28-C40]	ND		5.0	mg/Kg		03/23/22 11:19	03/30/22 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*55*		*51 - 111*	*03/23/22 11:19*	*03/30/22 16:23*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Arsenic	**9.9**		1.9	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Barium	**65**		0.96	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Beryllium	**1.1**		0.19	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Cadmium	ND		0.19	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Cobalt	**12**		0.48	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Chromium	**43**		0.48	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Copper	**26**		1.4	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Molybdenum	ND		1.9	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Nickel	**42**		0.96	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Lead	**6.4**		0.96	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Selenium	**3.0**		1.9	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Antimony	**22**		1.9	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Thallium	ND		1.9	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Vanadium	**47**		0.48	mg/Kg		03/21/22 15:30	03/22/22 11:23	1
Zinc	**45**		1.9	mg/Kg		03/21/22 15:30	03/22/22 11:23	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.073**		0.038	mg/Kg		03/23/22 14:38	03/25/22 02:47	1

Client Sample ID: HA-8-S-3.5
Lab Sample ID: 320-85798-3
Date Collected: 03/14/22 11:50
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.36	mg/Kg		03/15/22 19:45	03/20/22 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 131*	*03/15/22 19:45*	*03/20/22 13:37*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		15	ug/Kg		03/15/22 19:45	03/20/22 13:37	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-8-S-3.5
Date Collected: 03/14/22 11:50
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Bromobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Bromochloromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Bromodichloromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Bromoform	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Bromomethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
2-Butanone (MEK)	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
n-Butylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
sec-Butylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
tert-Butylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Carbon disulfide	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Carbon tetrachloride	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Chlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Chloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Chloroform	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Chloromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
2-Chlorotoluene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
4-Chlorotoluene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,2-Dibromo-3-Chloropropane	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,2-Dibromoethane (EDB)	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Dibromochloromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Dibromomethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,2-Dichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,3-Dichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,4-Dichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Dichlorodifluoromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,1-Dichloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,2-Dichloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
cis-1,2-Dichloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
trans-1,2-Dichloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,1-Dichloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,2-Dichloropropane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,3-Dichloropropane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
2,2-Dichloropropane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
cis-1,3-Dichloropropene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
trans-1,3-Dichloropropene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,1-Dichloropropene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Ethylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Hexachlorobutadiene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
2-Hexanone	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Isopropylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
p-Isopropyltoluene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
4-Methyl-2-pentanone (MIBK)	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Methyl tert-butyl ether	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Methylene Chloride	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Naphthalene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
N-Propylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Styrene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-8-S-3.5

Date Collected: 03/14/22 11:50
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-3

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,1,2,2-Tetrachloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Tetrachloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Toluene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,2,3-Trichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,2,4-Trichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,1,1-Trichloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,1,2-Trichloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Trichloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Trichlorofluoromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,2,3-Trichloropropane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,2,4-Trimethylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
1,3,5-Trimethylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Vinyl acetate	ND		7.3		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Vinyl chloride	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
m-Xylene & p-Xylene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
o-Xylene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1
Xylenes, Total	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*63 - 143*	*03/15/22 19:45*	*03/20/22 13:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 156*	*03/15/22 19:45*	*03/20/22 13:37*	*1*
Toluene-d8 (Surr)	*101*		*63 - 138*	*03/15/22 19:45*	*03/20/22 13:37*	*1*
Dibromofluoromethane (Surr)	*100*		*55 - 129*	*03/15/22 19:45*	*03/20/22 13:37*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**4.1**		0.97		mg/Kg		03/23/22 11:19	03/30/22 16:51	1
Motor Oil Range Organics [C28-C40]	**31**		4.8		mg/Kg		03/23/22 11:19	03/30/22 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*50*	*S1-*	*51 - 111*	*03/23/22 11:19*	*03/30/22 16:51*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		2.4		mg/Kg		03/21/22 15:30	03/23/22 11:25	5
Arsenic	**2.6**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:27	1
Barium	**75**		0.95		mg/Kg		03/21/22 15:30	03/22/22 11:27	1
Beryllium	**2.8**		0.95		mg/Kg		03/21/22 15:30	03/23/22 11:25	5
Cadmium	**0.19**		0.19		mg/Kg		03/21/22 15:30	03/22/22 11:27	1
Cobalt	**25**		2.4		mg/Kg		03/21/22 15:30	03/23/22 11:25	5
Chromium	**56**		0.48		mg/Kg		03/21/22 15:30	03/22/22 11:27	1
Copper	**39**		7.1		mg/Kg		03/21/22 15:30	03/23/22 11:25	5
Molybdenum	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:27	1
Nickel	**38**		0.95		mg/Kg		03/21/22 15:30	03/22/22 11:27	1
Lead	ND		4.8		mg/Kg		03/21/22 15:30	03/23/22 11:25	5
Selenium	**4.0**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:27	1
Antimony	**93**		9.5		mg/Kg		03/21/22 15:30	03/23/22 11:25	5

Client Sample ID: HA-8-S-3.5
Lab Sample ID: 320-85798-3
Date Collected: 03/14/22 11:50
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		9.5		mg/Kg		03/21/22 15:30	03/23/22 11:25	5
Vanadium	**150**		2.4		mg/Kg		03/21/22 15:30	03/23/22 11:25	5
Zinc	**52**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:27	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.039		mg/Kg		03/23/22 14:38	03/25/22 02:49	1

Client Sample ID: HA-9-S-5.0
Lab Sample ID: 320-85798-4
Date Collected: 03/14/22 13:05
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.37		mg/Kg		03/15/22 19:45	03/20/22 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 131*	*03/15/22 19:45*	*03/20/22 13:59*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		15		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Benzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Bromobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Bromochloromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Bromodichloromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Bromoform	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Bromomethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
2-Butanone (MEK)	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
n-Butylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
sec-Butylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
tert-Butylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Carbon disulfide	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Carbon tetrachloride	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Chlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Chloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Chloroform	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Chloromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
2-Chlorotoluene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
4-Chlorotoluene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,2-Dibromo-3-Chloropropane	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,2-Dibromoethane (EDB)	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Dibromochloromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Dibromomethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Dichlorodifluoromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,1-Dichloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-9-S-5.0
Date Collected: 03/14/22 13:05
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,1-Dichloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,2-Dichloropropane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,3-Dichloropropane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
2,2-Dichloropropane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,1-Dichloropropene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Ethylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Hexachlorobutadiene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
2-Hexanone	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Isopropylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
p-Isopropyltoluene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Methyl tert-butyl ether	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Methylene Chloride	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Naphthalene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
N-Propylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Styrene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,1,2,2-Tetrachloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Tetrachloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Toluene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,2,3-Trichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,2,4-Trichlorobenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Trichloroethene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Trichlorofluoromethane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,2,3-Trichloropropane	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,2,4-Trimethylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
1,3,5-Trimethylbenzene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Vinyl acetate	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Vinyl chloride	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
m-Xylene & p-Xylene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
o-Xylene	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1
Xylenes, Total	ND		3.7		ug/Kg		03/15/22 19:45	03/20/22 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*63 - 143*	*03/15/22 19:45*	*03/20/22 13:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*32 - 156*	*03/15/22 19:45*	*03/20/22 13:59*	*1*
Toluene-d8 (Surr)	*100*		*63 - 138*	*03/15/22 19:45*	*03/20/22 13:59*	*1*
Dibromofluoromethane (Surr)	*101*		*55 - 129*	*03/15/22 19:45*	*03/20/22 13:59*	*1*

Client Sample ID: HA-9-S-5.0
Lab Sample ID: 320-85798-4

Date Collected: 03/14/22 13:05
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.97		mg/Kg		03/23/22 11:19	03/30/22 17:19	1
Motor Oil Range Organics [C28-C40]	ND		4.9		mg/Kg		03/23/22 11:19	03/30/22 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*45*	*S1-*	*51 - 111*	*03/23/22 11:19*	*03/30/22 17:19*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.73**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Arsenic	**35**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Barium	**65**		0.97		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Beryllium	**1.1**		0.19		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Cadmium	**4.0**		0.19		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Cobalt	**18**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Chromium	**80**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Copper	**54**		1.5		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Molybdenum	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Nickel	**86**		0.97		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Lead	**580**		0.97		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Selenium	**3.3**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Antimony	**11**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Thallium	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Vanadium	**45**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:31	1
Zinc	**2500**		9.7		mg/Kg		03/21/22 15:30	03/23/22 11:29	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.20**		0.041		mg/Kg		03/23/22 14:38	03/25/22 02:55	1

Client Sample ID: HA-10-S-3.5
Lab Sample ID: 320-85798-5

Date Collected: 03/14/22 14:00
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.38		mg/Kg		03/15/22 19:45	03/21/22 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 131*	*03/15/22 19:45*	*03/21/22 21:15*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		15		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Benzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Bromobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Bromochloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Bromodichloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Bromoform	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Bromomethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-10-S-3.5
Date Collected: 03/14/22 14:00
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
n-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
sec-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
tert-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Carbon disulfide	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Carbon tetrachloride	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Chlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Chloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Chloroform	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Chloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
2-Chlorotoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
4-Chlorotoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,2-Dibromo-3-Chloropropane	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,2-Dibromoethane (EDB)	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Dibromochloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Dibromomethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,2-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,3-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,4-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Dichlorodifluoromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,1-Dichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,2-Dichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
cis-1,2-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
trans-1,2-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,1-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,2-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,3-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
2,2-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
cis-1,3-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
trans-1,3-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,1-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Ethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Hexachlorobutadiene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
2-Hexanone	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Isopropylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
p-Isopropyltoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
4-Methyl-2-pentanone (MIBK)	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Methyl tert-butyl ether	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Methylene Chloride	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Naphthalene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
N-Propylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Styrene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,1,1,2-Tetrachloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,1,2,2-Tetrachloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Tetrachloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Toluene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,2,3-Trichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,2,4-Trichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-10-S-3.5
Date Collected: 03/14/22 14:00
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,1,2-Trichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Trichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Trichlorofluoromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,2,3-Trichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,2,4-Trimethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
1,3,5-Trimethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Vinyl acetate	ND		7.6		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Vinyl chloride	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
m-Xylene & p-Xylene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
o-Xylene	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1
Xylenes, Total	ND		3.8		ug/Kg		03/15/22 19:45	03/21/22 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*63 - 143*	*03/15/22 19:45*	*03/21/22 21:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*32 - 156*	*03/15/22 19:45*	*03/21/22 21:15*	*1*
Toluene-d8 (Surr)	*96*		*63 - 138*	*03/15/22 19:45*	*03/21/22 21:15*	*1*
Dibromofluoromethane (Surr)	*99*		*55 - 129*	*03/15/22 19:45*	*03/21/22 21:15*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.0**		1.0		mg/Kg		03/23/22 11:19	03/30/22 17:47	1
Motor Oil Range Organics [C28-C40]	**11**		5.0		mg/Kg		03/23/22 11:19	03/30/22 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*58*		*51 - 111*	*03/23/22 11:19*	*03/30/22 17:47*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Arsenic	**21**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Barium	**66**		0.96		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Beryllium	**0.88**		0.19		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Cadmium	ND		0.19		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Cobalt	**15**		0.48		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Chromium	**73**		0.48		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Copper	**29**		1.4		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Molybdenum	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Nickel	**79**		0.96		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Lead	**11**		0.96		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Selenium	**2.8**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Antimony	**13**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Thallium	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Vanadium	**44**		0.48		mg/Kg		03/21/22 15:30	03/22/22 11:42	1
Zinc	**41**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:42	1

Client Sample ID: HA-10-S-3.5

Lab Sample ID: 320-85798-5
Date Collected: 03/14/22 14:00
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.043		mg/Kg		03/23/22 14:38	03/25/22 02:56	1

Client Sample ID: HA-11-S-5.5

Lab Sample ID: 320-85798-6
Date Collected: 03/14/22 15:00
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.38		mg/Kg		03/15/22 19:45	03/20/22 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 131*	*03/15/22 19:45*	*03/20/22 15:02*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		15		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Benzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Bromobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Bromochloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Bromodichloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Bromoform	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Bromomethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
2-Butanone (MEK)	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
n-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
sec-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
tert-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Carbon disulfide	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Carbon tetrachloride	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Chlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Chloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Chloroform	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Chloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
2-Chlorotoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
4-Chlorotoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,2-Dibromo-3-Chloropropane	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,2-Dibromoethane (EDB)	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Dibromochloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Dibromomethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,2-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,3-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,4-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Dichlorodifluoromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,1-Dichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,2-Dichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
cis-1,2-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
trans-1,2-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,1-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,2-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,3-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-11-S-5.5
Date Collected: 03/14/22 15:00
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
cis-1,3-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
trans-1,3-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,1-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Ethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Hexachlorobutadiene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
2-Hexanone	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Isopropylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
p-Isopropyltoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
4-Methyl-2-pentanone (MIBK)	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Methyl tert-butyl ether	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Methylene Chloride	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Naphthalene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
N-Propylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Styrene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,1,1,2-Tetrachloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,1,2,2-Tetrachloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Tetrachloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Toluene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,2,3-Trichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,2,4-Trichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,1,1-Trichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,1,2-Trichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Trichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Trichlorofluoromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,2,3-Trichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,2,4-Trimethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
1,3,5-Trimethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Vinyl acetate	ND		7.6		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Vinyl chloride	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
m-Xylene & p-Xylene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
o-Xylene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1
Xylenes, Total	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*63 - 143*	*03/15/22 19:45*	*03/20/22 15:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*32 - 156*	*03/15/22 19:45*	*03/20/22 15:02*	*1*
Toluene-d8 (Surr)	*100*		*63 - 138*	*03/15/22 19:45*	*03/20/22 15:02*	*1*
Dibromofluoromethane (Surr)	*101*		*55 - 129*	*03/15/22 19:45*	*03/20/22 15:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1.4**		1.0		mg/Kg		03/23/22 11:19	03/30/22 18:15	1
Motor Oil Range Organics [C28-C40]	ND		5.0		mg/Kg		03/23/22 11:19	03/30/22 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*57*		*51 - 111*	*03/23/22 11:19*	*03/30/22 18:15*	*1*

Client Sample ID: HA-11-S-5.5

Lab Sample ID: 320-85798-6

Date Collected: 03/14/22 15:00
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		2.4		mg/Kg		03/21/22 15:30	03/23/22 11:41	5
Arsenic	**15**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:46	1
Barium	**63**		0.96		mg/Kg		03/21/22 15:30	03/22/22 11:46	1
Beryllium	**2.0**		0.96		mg/Kg		03/21/22 15:30	03/23/22 11:41	5
Cadmium	**2.1**		0.19		mg/Kg		03/21/22 15:30	03/22/22 11:46	1
Cobalt	**38**		2.4		mg/Kg		03/21/22 15:30	03/23/22 11:41	5
Chromium	**380**		0.48		mg/Kg		03/21/22 15:30	03/22/22 11:46	1
Copper	**51**		7.2		mg/Kg		03/21/22 15:30	03/23/22 11:41	5
Molybdenum	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:46	1
Nickel	**400**		0.96		mg/Kg		03/21/22 15:30	03/22/22 11:46	1
Lead	**40**		4.8		mg/Kg		03/21/22 15:30	03/23/22 11:41	5
Selenium	**3.9**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:46	1
Antimony	**60**		9.6		mg/Kg		03/21/22 15:30	03/23/22 11:41	5
Thallium	ND		9.6		mg/Kg		03/21/22 15:30	03/23/22 11:41	5
Vanadium	**89**		2.4		mg/Kg		03/21/22 15:30	03/23/22 11:41	5
Zinc	**580**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:46	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.042**		0.039		mg/Kg		03/23/22 14:38	03/25/22 02:58	1

Client Sample ID: HA-12-S-3.75

Lab Sample ID: 320-85798-7

Date Collected: 03/15/22 09:30
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	**720**		33		mg/Kg		03/17/22 11:15	03/28/22 19:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*59 - 120*	*03/17/22 11:15*	*03/28/22 19:50*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		330		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Benzene	**240**		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Bromobenzene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Bromochloromethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Bromodichloromethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Bromoform	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Bromomethane	ND		65		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
2-Butanone (MEK)	ND		65		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
sec-Butylbenzene	**1000**		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
tert-Butylbenzene	**1300**		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Carbon disulfide	ND		65		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Carbon tetrachloride	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Chlorobenzene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Chloroethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Chloroform	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-S-3.75
Date Collected: 03/15/22 09:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
2-Chlorotoluene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
4-Chlorotoluene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,2-Dibromo-3-Chloropropane	ND		65		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,2-Dibromoethane (EDB)	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Dibromochloromethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Dibromomethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,2-Dichlorobenzene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,3-Dichlorobenzene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,4-Dichlorobenzene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Dichlorodifluoromethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,1-Dichloroethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,2-Dichloroethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
cis-1,2-Dichloroethene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
trans-1,2-Dichloroethene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,1-Dichloroethene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,2-Dichloropropane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,3-Dichloropropane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
2,2-Dichloropropane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
cis-1,3-Dichloropropene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
trans-1,3-Dichloropropene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,1-Dichloropropene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Hexachlorobutadiene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
2-Hexanone	ND		65		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Isopropylbenzene	**1700**		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
p-Isopropyltoluene	**630**		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
4-Methyl-2-pentanone (MIBK)	ND		65		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Methyl tert-butyl ether	ND		65		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Methylene Chloride	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Styrene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,1,1,2-Tetrachloroethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,1,2,2-Tetrachloroethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Tetrachloroethene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Toluene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,2,3-Trichlorobenzene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,2,4-Trichlorobenzene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,1,1-Trichloroethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,1,2-Trichloroethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		65		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Trichloroethene	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Trichlorofluoromethane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
1,2,3-Trichloropropane	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Vinyl acetate	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
Vinyl chloride	ND		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1
o-Xylene	**97**		33		ug/Kg		03/17/22 11:15	03/24/22 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*67 - 135*	*03/17/22 11:15*	*03/24/22 15:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*52 - 126*	*03/17/22 11:15*	*03/24/22 15:26*	*1*

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-S-3.75

Date Collected: 03/15/22 09:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-7

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*112*		*65 - 131*	*03/17/22 11:15*	*03/24/22 15:26*	*1*
Dibromofluoromethane (Surr)	*91*		*61 - 123*	*03/17/22 11:15*	*03/24/22 15:26*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	**6100**		330	ug/Kg		03/17/22 11:15	03/28/22 19:50	10
Ethylbenzene	**5600**		330	ug/Kg		03/17/22 11:15	03/28/22 19:50	10
N-Propylbenzene	**7700**		330	ug/Kg		03/17/22 11:15	03/28/22 19:50	10
1,2,4-Trimethylbenzene	**15000**		330	ug/Kg		03/17/22 11:15	03/28/22 19:50	10
1,3,5-Trimethylbenzene	**9200**		330	ug/Kg		03/17/22 11:15	03/28/22 19:50	10
m-Xylene & p-Xylene	**3800**		330	ug/Kg		03/17/22 11:15	03/28/22 19:50	10
Xylenes, Total	**3800**		330	ug/Kg		03/17/22 11:15	03/28/22 19:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*99*		*67 - 135*	*03/17/22 11:15*	*03/28/22 19:50*	*10*
1,2-Dichloroethane-d4 (Surr)	*99*		*52 - 126*	*03/17/22 11:15*	*03/28/22 19:50*	*10*
Toluene-d8 (Surr)	*104*		*65 - 131*	*03/17/22 11:15*	*03/28/22 19:50*	*10*
Dibromofluoromethane (Surr)	*100*		*61 - 123*	*03/17/22 11:15*	*03/28/22 19:50*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS) - RADL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**7100**		330	ug/Kg		03/17/22 11:15	03/29/22 18:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*98*		*67 - 135*	*03/17/22 11:15*	*03/29/22 18:40*	*10*
1,2-Dichloroethane-d4 (Surr)	*79*		*52 - 126*	*03/17/22 11:15*	*03/29/22 18:40*	*10*
Toluene-d8 (Surr)	*99*		*65 - 131*	*03/17/22 11:15*	*03/29/22 18:40*	*10*
Dibromofluoromethane (Surr)	*84*		*61 - 123*	*03/17/22 11:15*	*03/29/22 18:40*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**870**		9.8	mg/Kg		03/23/22 11:19	03/31/22 18:03	10
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		03/23/22 11:19	03/31/22 18:03	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	*87*		*51 - 111*	*03/23/22 11:19*	*03/31/22 18:03*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Arsenic	**4.0**		1.9	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Barium	**78**		0.96	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Beryllium	**0.80**		0.19	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Cadmium	ND		0.19	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Cobalt	**8.7**		0.48	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Chromium	**56**		0.48	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Copper	**14**		1.4	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Molybdenum	ND		1.9	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Nickel	**57**		0.96	mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Lead	**8.5**		0.96	mg/Kg		03/21/22 15:30	03/22/22 11:50	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-S-3.75

Lab Sample ID: 320-85798-7
Date Collected: 03/15/22 09:30
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Antimony	**18**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Thallium	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Vanadium	**43**		0.48		mg/Kg		03/21/22 15:30	03/22/22 11:50	1
Zinc	**34**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:50	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.052**		0.042		mg/Kg		03/23/22 14:38	03/25/22 03:00	1

Client Sample ID: HA-12-S-2.5

Lab Sample ID: 320-85798-8
Date Collected: 03/15/22 09:30
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	**4.0**		0.42		mg/Kg		03/15/22 19:45	03/20/22 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 131*	*03/15/22 19:45*	*03/20/22 15:25*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		17		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Benzene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Bromobenzene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Bromochloromethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Bromodichloromethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Bromoform	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Bromomethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
2-Butanone (MEK)	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
n-Butylbenzene	**21**		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
sec-Butylbenzene	**6.6**		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
tert-Butylbenzene	**11**		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Carbon disulfide	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Carbon tetrachloride	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Chlorobenzene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Chloroethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Chloroform	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Chloromethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
2-Chlorotoluene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
4-Chlorotoluene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,2-Dibromo-3-Chloropropane	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,2-Dibromoethane (EDB)	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Dibromochloromethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Dibromomethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,2-Dichlorobenzene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,3-Dichlorobenzene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,4-Dichlorobenzene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-S-2.5
Date Collected: 03/15/22 09:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,1-Dichloroethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,2-Dichloroethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
cis-1,2-Dichloroethene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
trans-1,2-Dichloroethene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,1-Dichloroethene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,2-Dichloropropane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,3-Dichloropropane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
2,2-Dichloropropane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
cis-1,3-Dichloropropene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
trans-1,3-Dichloropropene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,1-Dichloropropene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Ethylbenzene	**6.9**		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Hexachlorobutadiene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
2-Hexanone	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Isopropylbenzene	**14**		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
p-Isopropyltoluene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
4-Methyl-2-pentanone (MIBK)	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Methyl tert-butyl ether	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Methylene Chloride	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Naphthalene	**33**		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
N-Propylbenzene	**46**		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Styrene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,1,1,2-Tetrachloroethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,1,2,2-Tetrachloroethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Tetrachloroethene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Toluene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,2,3-Trichlorobenzene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,2,4-Trichlorobenzene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,1,1-Trichloroethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,1,2-Trichloroethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Trichloroethene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Trichlorofluoromethane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,2,3-Trichloropropane	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,2,4-Trimethylbenzene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
1,3,5-Trimethylbenzene	**5.6**		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Vinyl acetate	ND		8.3		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Vinyl chloride	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
m-Xylene & p-Xylene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
o-Xylene	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1
Xylenes, Total	ND		4.2		ug/Kg		03/15/22 19:45	03/20/22 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*63 - 143*	*03/15/22 19:45*	*03/20/22 15:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 156*	*03/15/22 19:45*	*03/20/22 15:25*	*1*
Toluene-d8 (Surr)	*110*		*63 - 138*	*03/15/22 19:45*	*03/20/22 15:25*	*1*
Dibromofluoromethane (Surr)	*100*		*55 - 129*	*03/15/22 19:45*	*03/20/22 15:25*	*1*

Client Sample ID: HA-12-S-2.5

Date Collected: 03/15/22 09:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-8

Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**22**		0.99		mg/Kg		03/23/22 11:19	03/30/22 19:11	1
Motor Oil Range Organics [C28-C40]	ND		4.9		mg/Kg		03/23/22 11:19	03/30/22 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*51 - 111*	*03/23/22 11:19*	*03/30/22 19:11*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Arsenic	**5.9**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Barium	**55**		0.97		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Beryllium	**0.81**		0.19		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Cadmium	**1.7**		0.19		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Cobalt	**7.7**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Chromium	**50**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Copper	**28**		1.5		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Molybdenum	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Nickel	**40**		0.97		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Lead	**38**		0.97		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Selenium	**2.2**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Antimony	**16**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Thallium	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Vanadium	**43**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:54	1
Zinc	**340**		1.9		mg/Kg		03/21/22 15:30	03/22/22 11:54	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.25**		0.041		mg/Kg		03/23/22 14:38	03/25/22 03:02	1

Client Sample ID: HA-13-S-4.5

Date Collected: 03/15/22 10:35
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-9

Matrix: Solid

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.32		mg/Kg		03/15/22 19:45	03/20/22 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 131*	*03/15/22 19:45*	*03/20/22 15:47*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		13		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Benzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Bromobenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Bromochloromethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Bromodichloromethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Bromoform	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Bromomethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-13-S-4.5
Date Collected: 03/15/22 10:35
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
n-Butylbenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
sec-Butylbenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
tert-Butylbenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Carbon disulfide	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Carbon tetrachloride	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Chlorobenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Chloroethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Chloroform	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Chloromethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
2-Chlorotoluene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
4-Chlorotoluene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,2-Dibromo-3-Chloropropane	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,2-Dibromoethane (EDB)	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Dibromochloromethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Dibromomethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,2-Dichlorobenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,3-Dichlorobenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,4-Dichlorobenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Dichlorodifluoromethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,1-Dichloroethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,2-Dichloroethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
cis-1,2-Dichloroethene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
trans-1,2-Dichloroethene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,1-Dichloroethene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,2-Dichloropropane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,3-Dichloropropane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
2,2-Dichloropropane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
cis-1,3-Dichloropropene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
trans-1,3-Dichloropropene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,1-Dichloropropene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Ethylbenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Hexachlorobutadiene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
2-Hexanone	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Isopropylbenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
p-Isopropyltoluene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
4-Methyl-2-pentanone (MIBK)	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Methyl tert-butyl ether	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Methylene Chloride	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Naphthalene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
N-Propylbenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Styrene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,1,1,2-Tetrachloroethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,1,2,2-Tetrachloroethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Tetrachloroethene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Toluene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,2,3-Trichlorobenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,2,4-Trichlorobenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-13-S-4.5
Date Collected: 03/15/22 10:35
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,1,2-Trichloroethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Trichloroethene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Trichlorofluoromethane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,2,3-Trichloropropane	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,2,4-Trimethylbenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
1,3,5-Trimethylbenzene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Vinyl acetate	ND		6.3		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Vinyl chloride	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
m-Xylene & p-Xylene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
o-Xylene	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1
Xylenes, Total	ND		3.2		ug/Kg		03/15/22 19:45	03/20/22 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*63 - 143*	*03/15/22 19:45*	*03/20/22 15:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*32 - 156*	*03/15/22 19:45*	*03/20/22 15:47*	*1*
Toluene-d8 (Surr)	*101*		*63 - 138*	*03/15/22 19:45*	*03/20/22 15:47*	*1*
Dibromofluoromethane (Surr)	*99*		*55 - 129*	*03/15/22 19:45*	*03/20/22 15:47*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.3**		0.97		mg/Kg		03/23/22 11:19	03/30/22 19:39	1
Motor Oil Range Organics [C28-C40]	ND		4.9		mg/Kg		03/23/22 11:19	03/30/22 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*57*		*51 - 111*	*03/23/22 11:19*	*03/30/22 19:39*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		2.5		mg/Kg		03/21/22 15:30	03/23/22 11:45	5
Arsenic	**3.2**		2.0		mg/Kg		03/21/22 15:30	03/22/22 11:57	1
Barium	**43**		0.98		mg/Kg		03/21/22 15:30	03/22/22 11:57	1
Beryllium	**1.3**		0.98		mg/Kg		03/21/22 15:30	03/23/22 11:45	5
Cadmium	ND		0.20		mg/Kg		03/21/22 15:30	03/22/22 11:57	1
Cobalt	**11**		2.5		mg/Kg		03/21/22 15:30	03/23/22 11:45	5
Chromium	**70**		0.49		mg/Kg		03/21/22 15:30	03/22/22 11:57	1
Copper	**22**		7.4		mg/Kg		03/21/22 15:30	03/23/22 11:45	5
Molybdenum	ND		2.0		mg/Kg		03/21/22 15:30	03/22/22 11:57	1
Nickel	**51**		0.98		mg/Kg		03/21/22 15:30	03/22/22 11:57	1
Lead	ND		4.9		mg/Kg		03/21/22 15:30	03/23/22 11:45	5
Selenium	**2.0**		2.0		mg/Kg		03/21/22 15:30	03/22/22 11:57	1
Antimony	**40**		9.8		mg/Kg		03/21/22 15:30	03/23/22 11:45	5
Thallium	ND		9.8		mg/Kg		03/21/22 15:30	03/23/22 11:45	5
Vanadium	**62**		2.5		mg/Kg		03/21/22 15:30	03/23/22 11:45	5
Zinc	**32**		2.0		mg/Kg		03/21/22 15:30	03/22/22 11:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.042		mg/Kg		03/23/22 14:38	03/25/22 03:04	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-15-S-4.0

Date Collected: 03/15/22 11:35
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-10

Matrix: Solid

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.38		mg/Kg		03/15/22 19:45	03/20/22 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 131*	*03/15/22 19:45*	*03/20/22 16:09*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		15		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Benzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Bromobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Bromochloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Bromodichloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Bromoform	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Bromomethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
2-Butanone (MEK)	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
n-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
sec-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
tert-Butylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Carbon disulfide	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Carbon tetrachloride	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Chlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Chloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Chloroform	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Chloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
2-Chlorotoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
4-Chlorotoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,2-Dibromo-3-Chloropropane	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,2-Dibromoethane (EDB)	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Dibromochloromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Dibromomethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,2-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,3-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,4-Dichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Dichlorodifluoromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,1-Dichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,2-Dichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
cis-1,2-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
trans-1,2-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,1-Dichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,2-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,3-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
2,2-Dichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
cis-1,3-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
trans-1,3-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,1-Dichloropropene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Ethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Hexachlorobutadiene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
2-Hexanone	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1

Client Sample ID: HA-15-S-4.0
Date Collected: 03/15/22 11:35
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
p-Isopropyltoluene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Methyl tert-butyl ether	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Methylene Chloride	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Naphthalene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
N-Propylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Styrene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,1,1,2-Tetrachloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,1,2,2-Tetrachloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Tetrachloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Toluene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,2,3-Trichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,2,4-Trichlorobenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,1,1-Trichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,1,2-Trichloroethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Trichloroethene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Trichlorofluoromethane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,2,3-Trichloropropane	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,2,4-Trimethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
1,3,5-Trimethylbenzene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Vinyl acetate	ND		7.5		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Vinyl chloride	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
m-Xylene & p-Xylene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
o-Xylene	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1
Xylenes, Total	ND		3.8		ug/Kg		03/15/22 19:45	03/20/22 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*63 - 143*	*03/15/22 19:45*	*03/20/22 16:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*32 - 156*	*03/15/22 19:45*	*03/20/22 16:09*	*1*
Toluene-d8 (Surr)	*102*		*63 - 138*	*03/15/22 19:45*	*03/20/22 16:09*	*1*
Dibromofluoromethane (Surr)	*99*		*55 - 129*	*03/15/22 19:45*	*03/20/22 16:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		03/23/22 11:19	03/30/22 20:07	1
Motor Oil Range Organics [C28-C40]	ND		4.9		mg/Kg		03/23/22 11:19	03/30/22 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*63*		*51 - 111*	*03/23/22 11:19*	*03/30/22 20:07*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Arsenic	**14**		1.9		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Barium	**75**		0.95		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Beryllium	**0.98**		0.19		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Cadmium	ND		0.19		mg/Kg		03/21/22 15:30	03/22/22 12:01	1

Client Sample ID: HA-15-S-4.0

Lab Sample ID: 320-85798-10

Date Collected: 03/15/22 11:35

Matrix: Solid

Date Received: 03/16/22 09:45

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**10**		0.48		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Chromium	**47**		0.48		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Copper	**22**		1.4		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Molybdenum	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Nickel	**51**		0.95		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Lead	**6.0**		0.95		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Selenium	**2.5**		1.9		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Antimony	**9.8**		1.9		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Thallium	ND		1.9		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Vanadium	**40**		0.48		mg/Kg		03/21/22 15:30	03/22/22 12:01	1
Zinc	**28**		1.9		mg/Kg		03/21/22 15:30	03/22/22 12:01	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.56**		0.039		mg/Kg		03/23/22 14:38	03/25/22 03:06	1

Client Sample ID: HA-16-S-10

Lab Sample ID: 320-85798-11

Date Collected: 03/15/22 13:30

Matrix: Solid

Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.48		mg/Kg		03/15/22 19:45	03/20/22 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 131*	*03/15/22 19:45*	*03/20/22 16:30*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		19		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Benzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Bromobenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Bromochloromethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Bromodichloromethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Bromoform	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Bromomethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
2-Butanone (MEK)	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
n-Butylbenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
sec-Butylbenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
tert-Butylbenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Carbon disulfide	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Carbon tetrachloride	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Chlorobenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Chloroethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Chloroform	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Chloromethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
2-Chlorotoluene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
4-Chlorotoluene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-16-S-10
Date Collected: 03/15/22 13:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Dibromochloromethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Dibromomethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Dichlorodifluoromethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,1-Dichloroethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,2-Dichloroethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,1-Dichloroethene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,2-Dichloropropane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,3-Dichloropropane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
2,2-Dichloropropane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,1-Dichloropropene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Ethylbenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Hexachlorobutadiene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
2-Hexanone	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Isopropylbenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
p-Isopropyltoluene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
4-Methyl-2-pentanone (MIBK)	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Methyl tert-butyl ether	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Methylene Chloride	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Naphthalene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
N-Propylbenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Styrene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Tetrachloroethene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Toluene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Trichloroethene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Trichlorofluoromethane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Vinyl acetate	ND		9.7		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Vinyl chloride	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
m-Xylene & p-Xylene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
o-Xylene	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1
Xylenes, Total	ND		4.8		ug/Kg		03/15/22 19:45	03/20/22 16:30	1

Client Sample ID: HA-16-S-10
Lab Sample ID: 320-85798-11
Date Collected: 03/15/22 13:30
Matrix: Solid
Date Received: 03/16/22 09:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*63 - 143*	*03/15/22 19:45*	*03/20/22 16:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 156*	*03/15/22 19:45*	*03/20/22 16:30*	*1*
Toluene-d8 (Surr)	*101*		*63 - 138*	*03/15/22 19:45*	*03/20/22 16:30*	*1*
Dibromofluoromethane (Surr)	*99*		*55 - 129*	*03/15/22 19:45*	*03/20/22 16:30*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.98		mg/Kg		03/23/22 11:19	03/30/22 20:35	1
Motor Oil Range Organics [C28-C40]	ND		4.9		mg/Kg		03/23/22 11:19	03/30/22 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*26*	*S1-*	*51 - 111*	*03/23/22 11:19*	*03/30/22 20:35*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Arsenic	**5.0**		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Barium	**22**		1.0		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Beryllium	**0.28**		0.20		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Cadmium	ND		0.20		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Cobalt	**6.2**		0.50		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Chromium	**40**		0.50		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Copper	**14**		1.5		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Molybdenum	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Nickel	**36**		1.0		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Lead	**4.5**		1.0		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Selenium	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Antimony	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Thallium	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Vanadium	**30**		0.50		mg/Kg		03/22/22 15:39	03/23/22 16:07	1
Zinc	**35**		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:07	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.48**		0.043		mg/Kg		03/25/22 17:29	03/26/22 15:17	1

Client Sample ID: HA-17-S-8.0
Lab Sample ID: 320-85798-12
Date Collected: 03/15/22 14:37
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.36		mg/Kg		03/15/22 19:45	03/20/22 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 131*	*03/15/22 19:45*	*03/20/22 17:24*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		14		ug/Kg		03/15/22 19:45	03/20/22 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-17-S-8.0
Date Collected: 03/15/22 14:37
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Bromobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Bromochloromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Bromodichloromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Bromoform	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Bromomethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
2-Butanone (MEK)	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
n-Butylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
sec-Butylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
tert-Butylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Carbon disulfide	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Carbon tetrachloride	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Chlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Chloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Chloroform	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Chloromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
2-Chlorotoluene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
4-Chlorotoluene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,2-Dibromo-3-Chloropropane	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,2-Dibromoethane (EDB)	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Dibromochloromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Dibromomethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,2-Dichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,3-Dichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,4-Dichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Dichlorodifluoromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,1-Dichloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,2-Dichloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
cis-1,2-Dichloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
trans-1,2-Dichloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,1-Dichloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,2-Dichloropropane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,3-Dichloropropane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
2,2-Dichloropropane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
cis-1,3-Dichloropropene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
trans-1,3-Dichloropropene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,1-Dichloropropene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Ethylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Hexachlorobutadiene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
2-Hexanone	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Isopropylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
p-Isopropyltoluene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
4-Methyl-2-pentanone (MIBK)	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Methyl tert-butyl ether	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Methylene Chloride	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Naphthalene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
N-Propylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Styrene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-17-S-8.0

Date Collected: 03/15/22 14:37
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-12

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,1,2,2-Tetrachloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Tetrachloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Toluene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,2,3-Trichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,2,4-Trichlorobenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,1,1-Trichloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,1,2-Trichloroethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Trichloroethene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Trichlorofluoromethane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,2,3-Trichloropropane	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,2,4-Trimethylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
1,3,5-Trimethylbenzene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Vinyl acetate	ND		7.2		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Vinyl chloride	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
m-Xylene & p-Xylene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
o-Xylene	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1
Xylenes, Total	ND		3.6		ug/Kg		03/15/22 19:45	03/20/22 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*63 - 143*	*03/15/22 19:45*	*03/20/22 17:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*32 - 156*	*03/15/22 19:45*	*03/20/22 17:24*	*1*
Toluene-d8 (Surr)	*101*		*63 - 138*	*03/15/22 19:45*	*03/20/22 17:24*	*1*
Dibromofluoromethane (Surr)	*100*		*55 - 129*	*03/15/22 19:45*	*03/20/22 17:24*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.98		mg/Kg		03/23/22 11:19	03/30/22 21:03	1
Motor Oil Range Organics [C28-C40]	ND		4.9		mg/Kg		03/23/22 11:19	03/30/22 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*35*	*S1-*	*51 - 111*	*03/23/22 11:19*	*03/30/22 21:03*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.65**		0.50		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Arsenic	**29**		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Barium	**89**		0.99		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Beryllium	**0.48**		0.20		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Cadmium	**7.9**		0.20		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Cobalt	**14**		0.50		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Chromium	**110**		0.50		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Copper	**64**		1.5		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Molybdenum	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Nickel	**130**		0.99		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Lead	**300**		0.99		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Selenium	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Antimony	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:11	1

Client Sample ID: HA-17-S-8.0

Lab Sample ID: 320-85798-12

Date Collected: 03/15/22 14:37
Matrix: Solid
Date Received: 03/16/22 09:45

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Vanadium	**48**		0.50		mg/Kg		03/22/22 15:39	03/23/22 16:11	1
Zinc	**2900**		9.9		mg/Kg		03/22/22 15:39	03/24/22 11:22	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.041		mg/Kg		03/25/22 17:29	03/26/22 15:18	1

Client Sample ID: HA-6-GW

Lab Sample ID: 320-85798-13

Date Collected: 03/14/22 09:30
Matrix: Water
Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		500		ug/L			03/21/22 19:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*73 - 115*		*03/21/22 19:23*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			03/21/22 19:23	10
Benzene	ND		5.0		ug/L			03/21/22 19:23	10
Bromobenzene	ND		10		ug/L			03/21/22 19:23	10
Bromochloromethane	ND		10		ug/L			03/21/22 19:23	10
Bromodichloromethane	ND		5.0		ug/L			03/21/22 19:23	10
Bromoform	ND		10		ug/L			03/21/22 19:23	10
Bromomethane	ND		10		ug/L			03/21/22 19:23	10
n-Butylbenzene	ND		10		ug/L			03/21/22 19:23	10
2-Butanone (MEK)	ND		20		ug/L			03/21/22 19:23	10
sec-Butylbenzene	ND		10		ug/L			03/21/22 19:23	10
tert-Butylbenzene	ND		10		ug/L			03/21/22 19:23	10
Carbon tetrachloride	ND		5.0		ug/L			03/21/22 19:23	10
Chlorobenzene	ND		5.0		ug/L			03/21/22 19:23	10
Carbon disulfide	ND		20		ug/L			03/21/22 19:23	10
Chloroethane	ND		10		ug/L			03/21/22 19:23	10
Chloroform	ND		10		ug/L			03/21/22 19:23	10
Chloromethane	ND		10		ug/L			03/21/22 19:23	10
2-Chlorotoluene	ND		5.0		ug/L			03/21/22 19:23	10
4-Chlorotoluene	ND		5.0		ug/L			03/21/22 19:23	10
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/21/22 19:23	10
1,2-Dibromoethane (EDB)	ND		5.0		ug/L			03/21/22 19:23	10
Dibromomethane	ND		5.0		ug/L			03/21/22 19:23	10
1,2-Dichlorobenzene	ND		5.0		ug/L			03/21/22 19:23	10
1,3-Dichlorobenzene	ND		5.0		ug/L			03/21/22 19:23	10
1,4-Dichlorobenzene	ND		5.0		ug/L			03/21/22 19:23	10
Dibromochloromethane	ND		5.0		ug/L			03/21/22 19:23	10
Dichlorodifluoromethane	ND		10		ug/L			03/21/22 19:23	10
1,1-Dichloroethane	ND		5.0		ug/L			03/21/22 19:23	10

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-6-GW
Date Collected: 03/14/22 09:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		5.0		ug/L			03/21/22 19:23	10
cis-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 19:23	10
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 19:23	10
1,1-Dichloroethene	ND		5.0		ug/L			03/21/22 19:23	10
1,2-Dichloropropane	ND		5.0		ug/L			03/21/22 19:23	10
1,3-Dichloropropane	ND		10		ug/L			03/21/22 19:23	10
2,2-Dichloropropane	ND		10		ug/L			03/21/22 19:23	10
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 19:23	10
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 19:23	10
1,1-Dichloropropene	ND		5.0		ug/L			03/21/22 19:23	10
Ethylbenzene	ND		5.0		ug/L			03/21/22 19:23	10
Hexachlorobutadiene	ND		10		ug/L			03/21/22 19:23	10
Isopropylbenzene	ND		5.0		ug/L			03/21/22 19:23	10
p-Isopropyltoluene	ND		10		ug/L			03/21/22 19:23	10
Methylene Chloride	ND		10		ug/L			03/21/22 19:23	10
Naphthalene	ND		10		ug/L			03/21/22 19:23	10
2-Hexanone	ND		20		ug/L			03/21/22 19:23	10
N-Propylbenzene	ND		10		ug/L			03/21/22 19:23	10
Styrene	ND		5.0		ug/L			03/21/22 19:23	10
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 19:23	10
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 19:23	10
4-Methyl-2-pentanone (MIBK)	ND		20		ug/L			03/21/22 19:23	10
Tetrachloroethene	ND		5.0		ug/L			03/21/22 19:23	10
Toluene	ND		5.0		ug/L			03/21/22 19:23	10
1,2,3-Trichlorobenzene	ND		10		ug/L			03/21/22 19:23	10
1,2,4-Trichlorobenzene	ND		10		ug/L			03/21/22 19:23	10
1,1,1-Trichloroethane	ND		5.0		ug/L			03/21/22 19:23	10
1,1,2-Trichloroethane	ND		5.0		ug/L			03/21/22 19:23	10
Trichloroethene	ND		5.0		ug/L			03/21/22 19:23	10
Trichlorofluoromethane	ND		10		ug/L			03/21/22 19:23	10
1,2,3-Trichloropropane	ND		10		ug/L			03/21/22 19:23	10
1,2,4-Trimethylbenzene	ND		10		ug/L			03/21/22 19:23	10
1,3,5-Trimethylbenzene	ND		5.0		ug/L			03/21/22 19:23	10
Vinyl chloride	ND		5.0		ug/L			03/21/22 19:23	10
m-Xylene & p-Xylene	ND		5.0		ug/L			03/21/22 19:23	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/L			03/21/22 19:23	10
o-Xylene	ND		5.0		ug/L			03/21/22 19:23	10
Vinyl acetate	ND		20		ug/L			03/21/22 19:23	10
Xylenes, Total	ND		5.0		ug/L			03/21/22 19:23	10
Methyl tert-butyl ether	ND		5.0		ug/L			03/21/22 19:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*69 - 129*		*03/21/22 19:23*	*10*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 126*		*03/21/22 19:23*	*10*
Toluene-d8 (Surr)	*97*		*67 - 127*		*03/21/22 19:23*	*10*
Dibromofluoromethane (Surr)	*87*		*68 - 128*		*03/21/22 19:23*	*10*

Client Sample ID: HA-6-GW

Date Collected: 03/14/22 09:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-13
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		49		ug/L		03/18/22 14:44	03/24/22 01:49	1
Motor Oil Range Organics [C28-C40]	ND		490		ug/L		03/18/22 14:44	03/24/22 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*63*		*56 - 145*	*03/18/22 14:44*	*03/24/22 01:49*	*1*

Client Sample ID: HA-7-GW

Date Collected: 03/14/22 11:05
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-14
Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		500		ug/L			03/21/22 19:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*73 - 115*		*03/21/22 19:46*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			03/21/22 19:46	10
Benzene	ND		5.0		ug/L			03/21/22 19:46	10
Bromobenzene	ND		10		ug/L			03/21/22 19:46	10
Bromochloromethane	ND		10		ug/L			03/21/22 19:46	10
Bromodichloromethane	ND		5.0		ug/L			03/21/22 19:46	10
Bromoform	ND		10		ug/L			03/21/22 19:46	10
Bromomethane	ND		10		ug/L			03/21/22 19:46	10
n-Butylbenzene	ND		10		ug/L			03/21/22 19:46	10
2-Butanone (MEK)	ND		20		ug/L			03/21/22 19:46	10
sec-Butylbenzene	ND		10		ug/L			03/21/22 19:46	10
tert-Butylbenzene	ND		10		ug/L			03/21/22 19:46	10
Carbon tetrachloride	ND		5.0		ug/L			03/21/22 19:46	10
Chlorobenzene	ND		5.0		ug/L			03/21/22 19:46	10
Carbon disulfide	ND		20		ug/L			03/21/22 19:46	10
Chloroethane	ND		10		ug/L			03/21/22 19:46	10
Chloroform	ND		10		ug/L			03/21/22 19:46	10
Chloromethane	ND		10		ug/L			03/21/22 19:46	10
2-Chlorotoluene	ND		5.0		ug/L			03/21/22 19:46	10
4-Chlorotoluene	ND		5.0		ug/L			03/21/22 19:46	10
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/21/22 19:46	10
1,2-Dibromoethane (EDB)	ND		5.0		ug/L			03/21/22 19:46	10
Dibromomethane	ND		5.0		ug/L			03/21/22 19:46	10
1,2-Dichlorobenzene	ND		5.0		ug/L			03/21/22 19:46	10
1,3-Dichlorobenzene	ND		5.0		ug/L			03/21/22 19:46	10
1,4-Dichlorobenzene	ND		5.0		ug/L			03/21/22 19:46	10
Dibromochloromethane	ND		5.0		ug/L			03/21/22 19:46	10
Dichlorodifluoromethane	ND		10		ug/L			03/21/22 19:46	10
1,1-Dichloroethane	ND		5.0		ug/L			03/21/22 19:46	10
1,2-Dichloroethane	ND		5.0		ug/L			03/21/22 19:46	10
cis-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 19:46	10

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-7-GW
Date Collected: 03/14/22 11:05
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 19:46	10
1,1-Dichloroethene	ND		5.0		ug/L			03/21/22 19:46	10
1,2-Dichloropropane	ND		5.0		ug/L			03/21/22 19:46	10
1,3-Dichloropropane	ND		10		ug/L			03/21/22 19:46	10
2,2-Dichloropropane	ND		10		ug/L			03/21/22 19:46	10
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 19:46	10
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 19:46	10
1,1-Dichloropropene	ND		5.0		ug/L			03/21/22 19:46	10
Ethylbenzene	ND		5.0		ug/L			03/21/22 19:46	10
Hexachlorobutadiene	ND		10		ug/L			03/21/22 19:46	10
Isopropylbenzene	ND		5.0		ug/L			03/21/22 19:46	10
p-Isopropyltoluene	ND		10		ug/L			03/21/22 19:46	10
Methylene Chloride	ND		10		ug/L			03/21/22 19:46	10
Naphthalene	ND		10		ug/L			03/21/22 19:46	10
2-Hexanone	ND		20		ug/L			03/21/22 19:46	10
N-Propylbenzene	ND		10		ug/L			03/21/22 19:46	10
Styrene	ND		5.0		ug/L			03/21/22 19:46	10
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 19:46	10
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 19:46	10
4-Methyl-2-pentanone (MIBK)	ND		20		ug/L			03/21/22 19:46	10
Tetrachloroethene	ND		5.0		ug/L			03/21/22 19:46	10
Toluene	ND		5.0		ug/L			03/21/22 19:46	10
1,2,3-Trichlorobenzene	ND		10		ug/L			03/21/22 19:46	10
1,2,4-Trichlorobenzene	ND		10		ug/L			03/21/22 19:46	10
1,1,1-Trichloroethane	ND		5.0		ug/L			03/21/22 19:46	10
1,1,2-Trichloroethane	ND		5.0		ug/L			03/21/22 19:46	10
Trichloroethene	ND		5.0		ug/L			03/21/22 19:46	10
Trichlorofluoromethane	ND		10		ug/L			03/21/22 19:46	10
1,2,3-Trichloropropane	ND		10		ug/L			03/21/22 19:46	10
1,2,4-Trimethylbenzene	ND		10		ug/L			03/21/22 19:46	10
1,3,5-Trimethylbenzene	ND		5.0		ug/L			03/21/22 19:46	10
Vinyl chloride	ND		5.0		ug/L			03/21/22 19:46	10
m-Xylene & p-Xylene	ND		5.0		ug/L			03/21/22 19:46	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/L			03/21/22 19:46	10
o-Xylene	ND		5.0		ug/L			03/21/22 19:46	10
Vinyl acetate	ND		20		ug/L			03/21/22 19:46	10
Xylenes, Total	ND		5.0		ug/L			03/21/22 19:46	10
Methyl tert-butyl ether	ND		5.0		ug/L			03/21/22 19:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*69 - 129*		*03/21/22 19:46*	*10*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 126*		*03/21/22 19:46*	*10*
Toluene-d8 (Surr)	*98*		*67 - 127*		*03/21/22 19:46*	*10*
Dibromofluoromethane (Surr)	*89*		*68 - 128*		*03/21/22 19:46*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		03/18/22 14:44	03/24/22 02:18	1
Motor Oil Range Organics [C28-C40]	ND		500		ug/L		03/18/22 14:44	03/24/22 02:18	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-7-GW

Date Collected: 03/14/22 11:05
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-14
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*56 - 145*	*03/18/22 14:44*	*03/24/22 02:18*	*1*

Client Sample ID: HA-11-GW

Date Collected: 03/14/22 15:15
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-15
Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		500		ug/L			03/21/22 20:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*73 - 115*		*03/21/22 20:09*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			03/21/22 20:09	10
Benzene	ND		5.0		ug/L			03/21/22 20:09	10
Bromobenzene	ND		10		ug/L			03/21/22 20:09	10
Bromochloromethane	ND		10		ug/L			03/21/22 20:09	10
Bromodichloromethane	ND		5.0		ug/L			03/21/22 20:09	10
Bromoform	ND		10		ug/L			03/21/22 20:09	10
Bromomethane	ND		10		ug/L			03/21/22 20:09	10
n-Butylbenzene	ND		10		ug/L			03/21/22 20:09	10
2-Butanone (MEK)	ND		20		ug/L			03/21/22 20:09	10
sec-Butylbenzene	ND		10		ug/L			03/21/22 20:09	10
tert-Butylbenzene	ND		10		ug/L			03/21/22 20:09	10
Carbon tetrachloride	ND		5.0		ug/L			03/21/22 20:09	10
Chlorobenzene	ND		5.0		ug/L			03/21/22 20:09	10
Carbon disulfide	ND		20		ug/L			03/21/22 20:09	10
Chloroethane	ND		10		ug/L			03/21/22 20:09	10
Chloroform	ND		10		ug/L			03/21/22 20:09	10
Chloromethane	ND		10		ug/L			03/21/22 20:09	10
2-Chlorotoluene	ND		5.0		ug/L			03/21/22 20:09	10
4-Chlorotoluene	ND		5.0		ug/L			03/21/22 20:09	10
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/21/22 20:09	10
1,2-Dibromoethane (EDB)	ND		5.0		ug/L			03/21/22 20:09	10
Dibromomethane	ND		5.0		ug/L			03/21/22 20:09	10
1,2-Dichlorobenzene	ND		5.0		ug/L			03/21/22 20:09	10
1,3-Dichlorobenzene	ND		5.0		ug/L			03/21/22 20:09	10
1,4-Dichlorobenzene	ND		5.0		ug/L			03/21/22 20:09	10
Dibromochloromethane	ND		5.0		ug/L			03/21/22 20:09	10
Dichlorodifluoromethane	ND		10		ug/L			03/21/22 20:09	10
1,1-Dichloroethane	ND		5.0		ug/L			03/21/22 20:09	10
1,2-Dichloroethane	ND		5.0		ug/L			03/21/22 20:09	10
cis-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 20:09	10
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 20:09	10
1,1-Dichloroethene	ND		5.0		ug/L			03/21/22 20:09	10
1,2-Dichloropropane	ND		5.0		ug/L			03/21/22 20:09	10
1,3-Dichloropropane	ND		10		ug/L			03/21/22 20:09	10

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-11-GW
Date Collected: 03/14/22 15:15
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		10		ug/L			03/21/22 20:09	10
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 20:09	10
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 20:09	10
1,1-Dichloropropene	ND		5.0		ug/L			03/21/22 20:09	10
Ethylbenzene	ND		5.0		ug/L			03/21/22 20:09	10
Hexachlorobutadiene	ND		10		ug/L			03/21/22 20:09	10
Isopropylbenzene	ND		5.0		ug/L			03/21/22 20:09	10
p-Isopropyltoluene	ND		10		ug/L			03/21/22 20:09	10
Methylene Chloride	ND		10		ug/L			03/21/22 20:09	10
Naphthalene	ND		10		ug/L			03/21/22 20:09	10
2-Hexanone	ND		20		ug/L			03/21/22 20:09	10
N-Propylbenzene	ND		10		ug/L			03/21/22 20:09	10
Styrene	ND		5.0		ug/L			03/21/22 20:09	10
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 20:09	10
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 20:09	10
4-Methyl-2-pentanone (MIBK)	ND		20		ug/L			03/21/22 20:09	10
Tetrachloroethene	ND		5.0		ug/L			03/21/22 20:09	10
Toluene	ND		5.0		ug/L			03/21/22 20:09	10
1,2,3-Trichlorobenzene	ND		10		ug/L			03/21/22 20:09	10
1,2,4-Trichlorobenzene	ND		10		ug/L			03/21/22 20:09	10
1,1,1-Trichloroethane	ND		5.0		ug/L			03/21/22 20:09	10
1,1,2-Trichloroethane	ND		5.0		ug/L			03/21/22 20:09	10
Trichloroethene	ND		5.0		ug/L			03/21/22 20:09	10
Trichlorofluoromethane	ND		10		ug/L			03/21/22 20:09	10
1,2,3-Trichloropropane	ND		10		ug/L			03/21/22 20:09	10
1,2,4-Trimethylbenzene	ND		10		ug/L			03/21/22 20:09	10
1,3,5-Trimethylbenzene	ND		5.0		ug/L			03/21/22 20:09	10
Vinyl chloride	ND		5.0		ug/L			03/21/22 20:09	10
m-Xylene & p-Xylene	ND		5.0		ug/L			03/21/22 20:09	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/L			03/21/22 20:09	10
o-Xylene	ND		5.0		ug/L			03/21/22 20:09	10
Vinyl acetate	ND		20		ug/L			03/21/22 20:09	10
Xylenes, Total	ND		5.0		ug/L			03/21/22 20:09	10
Methyl tert-butyl ether	ND		5.0		ug/L			03/21/22 20:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*69 - 129*		*03/21/22 20:09*	*10*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 126*		*03/21/22 20:09*	*10*
Toluene-d8 (Surr)	*98*		*67 - 127*		*03/21/22 20:09*	*10*
Dibromofluoromethane (Surr)	*84*		*68 - 128*		*03/21/22 20:09*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		48		ug/L		03/18/22 14:44	03/24/22 02:47	1
Motor Oil Range Organics [C28-C40]	ND		480		ug/L		03/18/22 14:44	03/24/22 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*56 - 145*	*03/18/22 14:44*	*03/24/22 02:47*	*1*

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-GW

Date Collected: 03/15/22 09:50
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-16

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	16000		1000		ug/L			03/21/22 20:31	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*73 - 115*		*03/21/22 20:31*	*20*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		200		ug/L			03/21/22 20:31	20
Benzene	1200		10		ug/L			03/21/22 20:31	20
Bromobenzene	ND		20		ug/L			03/21/22 20:31	20
Bromochloromethane	ND		20		ug/L			03/21/22 20:31	20
Bromodichloromethane	ND		10		ug/L			03/21/22 20:31	20
Bromoform	ND		20		ug/L			03/21/22 20:31	20
Bromomethane	ND		20		ug/L			03/21/22 20:31	20
n-Butylbenzene	60		20		ug/L			03/21/22 20:31	20
2-Butanone (MEK)	ND		40		ug/L			03/21/22 20:31	20
sec-Butylbenzene	22		20		ug/L			03/21/22 20:31	20
tert-Butylbenzene	55		20		ug/L			03/21/22 20:31	20
Carbon tetrachloride	ND		10		ug/L			03/21/22 20:31	20
Chlorobenzene	ND		10		ug/L			03/21/22 20:31	20
Carbon disulfide	ND		40		ug/L			03/21/22 20:31	20
Chloroethane	ND		20		ug/L			03/21/22 20:31	20
Chloroform	ND		20		ug/L			03/21/22 20:31	20
Chloromethane	ND		20		ug/L			03/21/22 20:31	20
2-Chlorotoluene	ND		10		ug/L			03/21/22 20:31	20
4-Chlorotoluene	ND		10		ug/L			03/21/22 20:31	20
1,2-Dibromo-3-Chloropropane	ND		20		ug/L			03/21/22 20:31	20
1,2-Dibromoethane (EDB)	ND		10		ug/L			03/21/22 20:31	20
Dibromomethane	ND		10		ug/L			03/21/22 20:31	20
1,2-Dichlorobenzene	ND		10		ug/L			03/21/22 20:31	20
1,3-Dichlorobenzene	ND		10		ug/L			03/21/22 20:31	20
1,4-Dichlorobenzene	ND		10		ug/L			03/21/22 20:31	20
Dibromochloromethane	ND		10		ug/L			03/21/22 20:31	20
Dichlorodifluoromethane	ND		20		ug/L			03/21/22 20:31	20
1,1-Dichloroethane	ND		10		ug/L			03/21/22 20:31	20
1,2-Dichloroethane	ND		10		ug/L			03/21/22 20:31	20
cis-1,2-Dichloroethene	ND		10		ug/L			03/21/22 20:31	20
trans-1,2-Dichloroethene	ND		10		ug/L			03/21/22 20:31	20
1,1-Dichloroethene	ND		10		ug/L			03/21/22 20:31	20
1,2-Dichloropropane	ND		10		ug/L			03/21/22 20:31	20
1,3-Dichloropropane	ND		20		ug/L			03/21/22 20:31	20
2,2-Dichloropropane	ND		20		ug/L			03/21/22 20:31	20
cis-1,3-Dichloropropene	ND		10		ug/L			03/21/22 20:31	20
trans-1,3-Dichloropropene	ND		10		ug/L			03/21/22 20:31	20
1,1-Dichloropropene	ND		10		ug/L			03/21/22 20:31	20
Ethylbenzene	1400		10		ug/L			03/21/22 20:31	20
Hexachlorobutadiene	ND		20		ug/L			03/21/22 20:31	20
Isopropylbenzene	180		10		ug/L			03/21/22 20:31	20

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-GW

Date Collected: 03/15/22 09:50
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-16

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		20		ug/L			03/21/22 20:31	20
Methylene Chloride	ND		20		ug/L			03/21/22 20:31	20
Naphthalene	**290**		20		ug/L			03/21/22 20:31	20
2-Hexanone	ND		40		ug/L			03/21/22 20:31	20
N-Propylbenzene	**450**		20		ug/L			03/21/22 20:31	20
Styrene	ND		10		ug/L			03/21/22 20:31	20
1,1,1,2-Tetrachloroethane	ND		10		ug/L			03/21/22 20:31	20
1,1,2,2-Tetrachloroethane	ND		10		ug/L			03/21/22 20:31	20
4-Methyl-2-pentanone (MIBK)	ND		40		ug/L			03/21/22 20:31	20
Tetrachloroethene	ND		10		ug/L			03/21/22 20:31	20
Toluene	**31**		10		ug/L			03/21/22 20:31	20
1,2,3-Trichlorobenzene	ND		20		ug/L			03/21/22 20:31	20
1,2,4-Trichlorobenzene	ND		20		ug/L			03/21/22 20:31	20
1,1,1-Trichloroethane	ND		10		ug/L			03/21/22 20:31	20
1,1,2-Trichloroethane	ND		10		ug/L			03/21/22 20:31	20
Trichloroethene	ND		10		ug/L			03/21/22 20:31	20
Trichlorofluoromethane	ND		20		ug/L			03/21/22 20:31	20
1,2,3-Trichloropropane	ND		20		ug/L			03/21/22 20:31	20
1,2,4-Trimethylbenzene	**840**		20		ug/L			03/21/22 20:31	20
1,3,5-Trimethylbenzene	**450**		10		ug/L			03/21/22 20:31	20
Vinyl chloride	ND		10		ug/L			03/21/22 20:31	20
m-Xylene & p-Xylene	**950**		10		ug/L			03/21/22 20:31	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/L			03/21/22 20:31	20
o-Xylene	**24**		10		ug/L			03/21/22 20:31	20
Vinyl acetate	ND		40		ug/L			03/21/22 20:31	20
Xylenes, Total	**970**		10		ug/L			03/21/22 20:31	20
Methyl tert-butyl ether	**58**		10		ug/L			03/21/22 20:31	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*69 - 129*		*03/21/22 20:31*	*20*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 126*		*03/21/22 20:31*	*20*
Toluene-d8 (Surr)	*100*		*67 - 127*		*03/21/22 20:31*	*20*
Dibromofluoromethane (Surr)	*88*		*68 - 128*		*03/21/22 20:31*	*20*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2300**		50		ug/L		03/18/22 14:44	03/24/22 03:16	1
Motor Oil Range Organics [C28-C40]	ND		500		ug/L		03/18/22 14:44	03/24/22 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*64*		*56 - 145*	*03/18/22 14:44*	*03/24/22 03:16*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:08	1
Arsenic	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:08	1
Barium	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:08	1
Beryllium	ND		0.0020		mg/L		03/23/22 16:22	03/24/22 10:08	1
Cadmium	ND		0.0020		mg/L		03/23/22 16:22	03/24/22 10:08	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-GW

Lab Sample ID: 320-85798-16
Matrix: Water
Date Collected: 03/15/22 09:50
Date Received: 03/16/22 09:45

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:08	1
Chromium	ND		0.0080		mg/L		03/23/22 16:22	03/24/22 10:08	1
Copper	ND		0.010		mg/L		03/23/22 16:22	03/24/22 10:08	1
Molybdenum	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:08	1
Nickel	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:08	1
Lead	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:08	1
Selenium	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:08	1
Antimony	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:08	1
Thallium	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:08	1
Vanadium	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:08	1
Zinc	ND		0.010		mg/L		03/23/22 16:22	03/24/22 10:08	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		03/29/22 12:25	03/29/22 19:55	1

Client Sample ID: HA-17-GW

Lab Sample ID: 320-85798-17
Matrix: Water
Date Collected: 03/15/22 15:30
Date Received: 03/16/22 09:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		500		ug/L			03/21/22 20:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*73 - 115*		*03/21/22 20:54*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			03/21/22 20:54	10
Benzene	ND		5.0		ug/L			03/21/22 20:54	10
Bromobenzene	ND		10		ug/L			03/21/22 20:54	10
Bromochloromethane	ND		10		ug/L			03/21/22 20:54	10
Bromodichloromethane	ND		5.0		ug/L			03/21/22 20:54	10
Bromoform	ND		10		ug/L			03/21/22 20:54	10
Bromomethane	ND		10		ug/L			03/21/22 20:54	10
n-Butylbenzene	ND		10		ug/L			03/21/22 20:54	10
2-Butanone (MEK)	ND		20		ug/L			03/21/22 20:54	10
sec-Butylbenzene	ND		10		ug/L			03/21/22 20:54	10
tert-Butylbenzene	ND		10		ug/L			03/21/22 20:54	10
Carbon tetrachloride	ND		5.0		ug/L			03/21/22 20:54	10
Chlorobenzene	ND		5.0		ug/L			03/21/22 20:54	10
Carbon disulfide	ND		20		ug/L			03/21/22 20:54	10
Chloroethane	ND		10		ug/L			03/21/22 20:54	10
Chloroform	ND		10		ug/L			03/21/22 20:54	10
Chloromethane	ND		10		ug/L			03/21/22 20:54	10
2-Chlorotoluene	ND		5.0		ug/L			03/21/22 20:54	10
4-Chlorotoluene	ND		5.0		ug/L			03/21/22 20:54	10
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/21/22 20:54	10

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-17-GW
Date Collected: 03/15/22 15:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		5.0		ug/L			03/21/22 20:54	10
Dibromomethane	ND		5.0		ug/L			03/21/22 20:54	10
1,2-Dichlorobenzene	ND		5.0		ug/L			03/21/22 20:54	10
1,3-Dichlorobenzene	ND		5.0		ug/L			03/21/22 20:54	10
1,4-Dichlorobenzene	ND		5.0		ug/L			03/21/22 20:54	10
Dibromochloromethane	ND		5.0		ug/L			03/21/22 20:54	10
Dichlorodifluoromethane	ND		10		ug/L			03/21/22 20:54	10
1,1-Dichloroethane	ND		5.0		ug/L			03/21/22 20:54	10
1,2-Dichloroethane	ND		5.0		ug/L			03/21/22 20:54	10
cis-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 20:54	10
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 20:54	10
1,1-Dichloroethene	ND		5.0		ug/L			03/21/22 20:54	10
1,2-Dichloropropane	ND		5.0		ug/L			03/21/22 20:54	10
1,3-Dichloropropane	ND		10		ug/L			03/21/22 20:54	10
2,2-Dichloropropane	ND		10		ug/L			03/21/22 20:54	10
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 20:54	10
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 20:54	10
1,1-Dichloropropene	ND		5.0		ug/L			03/21/22 20:54	10
Ethylbenzene	ND		5.0		ug/L			03/21/22 20:54	10
Hexachlorobutadiene	ND		10		ug/L			03/21/22 20:54	10
Isopropylbenzene	ND		5.0		ug/L			03/21/22 20:54	10
p-Isopropyltoluene	ND		10		ug/L			03/21/22 20:54	10
Methylene Chloride	ND		10		ug/L			03/21/22 20:54	10
Naphthalene	ND		10		ug/L			03/21/22 20:54	10
2-Hexanone	ND		20		ug/L			03/21/22 20:54	10
N-Propylbenzene	ND		10		ug/L			03/21/22 20:54	10
Styrene	ND		5.0		ug/L			03/21/22 20:54	10
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 20:54	10
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 20:54	10
4-Methyl-2-pentanone (MIBK)	ND		20		ug/L			03/21/22 20:54	10
Tetrachloroethene	ND		5.0		ug/L			03/21/22 20:54	10
Toluene	ND		5.0		ug/L			03/21/22 20:54	10
1,2,3-Trichlorobenzene	ND		10		ug/L			03/21/22 20:54	10
1,2,4-Trichlorobenzene	ND		10		ug/L			03/21/22 20:54	10
1,1,1-Trichloroethane	ND		5.0		ug/L			03/21/22 20:54	10
1,1,2-Trichloroethane	ND		5.0		ug/L			03/21/22 20:54	10
Trichloroethene	ND		5.0		ug/L			03/21/22 20:54	10
Trichlorofluoromethane	ND		10		ug/L			03/21/22 20:54	10
1,2,3-Trichloropropane	ND		10		ug/L			03/21/22 20:54	10
1,2,4-Trimethylbenzene	ND		10		ug/L			03/21/22 20:54	10
1,3,5-Trimethylbenzene	ND		5.0		ug/L			03/21/22 20:54	10
Vinyl chloride	ND		5.0		ug/L			03/21/22 20:54	10
m-Xylene & p-Xylene	ND		5.0		ug/L			03/21/22 20:54	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/L			03/21/22 20:54	10
o-Xylene	ND		5.0		ug/L			03/21/22 20:54	10
Vinyl acetate	ND		20		ug/L			03/21/22 20:54	10
Xylenes, Total	ND		5.0		ug/L			03/21/22 20:54	10
Methyl tert-butyl ether	ND		5.0		ug/L			03/21/22 20:54	10

Client Sample ID: HA-17-GW

Date Collected: 03/15/22 15:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-17
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*69 - 129*		*03/21/22 20:54*	*10*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 126*		*03/21/22 20:54*	*10*
Toluene-d8 (Surr)	*99*		*67 - 127*		*03/21/22 20:54*	*10*
Dibromofluoromethane (Surr)	*87*		*68 - 128*		*03/21/22 20:54*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		48	ug/L		03/18/22 14:44	03/24/22 03:44	1
Motor Oil Range Organics [C28-C40]	ND		480	ug/L		03/18/22 14:44	03/24/22 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*59*		*56 - 145*	*03/18/22 14:44*	*03/24/22 03:44*	*1*

Client Sample ID: HA-16-GW

Date Collected: 03/15/22 16:55
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-18
Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		500	ug/L			03/21/22 21:17	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*73 - 115*		*03/21/22 21:17*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100	ug/L			03/21/22 21:17	10
Benzene	ND		5.0	ug/L			03/21/22 21:17	10
Bromobenzene	ND		10	ug/L			03/21/22 21:17	10
Bromochloromethane	ND		10	ug/L			03/21/22 21:17	10
Bromodichloromethane	ND		5.0	ug/L			03/21/22 21:17	10
Bromoform	ND		10	ug/L			03/21/22 21:17	10
Bromomethane	ND		10	ug/L			03/21/22 21:17	10
n-Butylbenzene	ND		10	ug/L			03/21/22 21:17	10
2-Butanone (MEK)	ND		20	ug/L			03/21/22 21:17	10
sec-Butylbenzene	ND		10	ug/L			03/21/22 21:17	10
tert-Butylbenzene	ND		10	ug/L			03/21/22 21:17	10
Carbon tetrachloride	ND		5.0	ug/L			03/21/22 21:17	10
Chlorobenzene	ND		5.0	ug/L			03/21/22 21:17	10
Carbon disulfide	ND		20	ug/L			03/21/22 21:17	10
Chloroethane	ND		10	ug/L			03/21/22 21:17	10
Chloroform	ND		10	ug/L			03/21/22 21:17	10
Chloromethane	ND		10	ug/L			03/21/22 21:17	10
2-Chlorotoluene	ND		5.0	ug/L			03/21/22 21:17	10
4-Chlorotoluene	ND		5.0	ug/L			03/21/22 21:17	10
1,2-Dibromo-3-Chloropropane	ND		10	ug/L			03/21/22 21:17	10
1,2-Dibromoethane (EDB)	ND		5.0	ug/L			03/21/22 21:17	10
Dibromomethane	ND		5.0	ug/L			03/21/22 21:17	10
1,2-Dichlorobenzene	ND		5.0	ug/L			03/21/22 21:17	10
1,3-Dichlorobenzene	ND		5.0	ug/L			03/21/22 21:17	10

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-16-GW
Date Collected: 03/15/22 16:55
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.0		ug/L			03/21/22 21:17	10
Dibromochloromethane	ND		5.0		ug/L			03/21/22 21:17	10
Dichlorodifluoromethane	ND		10		ug/L			03/21/22 21:17	10
1,1-Dichloroethane	ND		5.0		ug/L			03/21/22 21:17	10
1,2-Dichloroethane	ND		5.0		ug/L			03/21/22 21:17	10
cis-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 21:17	10
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/21/22 21:17	10
1,1-Dichloroethene	ND		5.0		ug/L			03/21/22 21:17	10
1,2-Dichloropropane	ND		5.0		ug/L			03/21/22 21:17	10
1,3-Dichloropropane	ND		10		ug/L			03/21/22 21:17	10
2,2-Dichloropropane	ND		10		ug/L			03/21/22 21:17	10
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 21:17	10
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/21/22 21:17	10
1,1-Dichloropropene	ND		5.0		ug/L			03/21/22 21:17	10
Ethylbenzene	ND		5.0		ug/L			03/21/22 21:17	10
Hexachlorobutadiene	ND		10		ug/L			03/21/22 21:17	10
Isopropylbenzene	ND		5.0		ug/L			03/21/22 21:17	10
p-Isopropyltoluene	ND		10		ug/L			03/21/22 21:17	10
Methylene Chloride	ND		10		ug/L			03/21/22 21:17	10
Naphthalene	ND		10		ug/L			03/21/22 21:17	10
2-Hexanone	ND		20		ug/L			03/21/22 21:17	10
N-Propylbenzene	ND		10		ug/L			03/21/22 21:17	10
Styrene	ND		5.0		ug/L			03/21/22 21:17	10
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 21:17	10
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/21/22 21:17	10
4-Methyl-2-pentanone (MIBK)	ND		20		ug/L			03/21/22 21:17	10
Tetrachloroethene	ND		5.0		ug/L			03/21/22 21:17	10
Toluene	ND		5.0		ug/L			03/21/22 21:17	10
1,2,3-Trichlorobenzene	ND		10		ug/L			03/21/22 21:17	10
1,2,4-Trichlorobenzene	ND		10		ug/L			03/21/22 21:17	10
1,1,1-Trichloroethane	ND		5.0		ug/L			03/21/22 21:17	10
1,1,2-Trichloroethane	ND		5.0		ug/L			03/21/22 21:17	10
Trichloroethene	ND		5.0		ug/L			03/21/22 21:17	10
Trichlorofluoromethane	ND		10		ug/L			03/21/22 21:17	10
1,2,3-Trichloropropane	ND		10		ug/L			03/21/22 21:17	10
1,2,4-Trimethylbenzene	ND		10		ug/L			03/21/22 21:17	10
1,3,5-Trimethylbenzene	ND		5.0		ug/L			03/21/22 21:17	10
Vinyl chloride	ND		5.0		ug/L			03/21/22 21:17	10
m-Xylene & p-Xylene	ND		5.0		ug/L			03/21/22 21:17	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/L			03/21/22 21:17	10
o-Xylene	ND		5.0		ug/L			03/21/22 21:17	10
Vinyl acetate	ND		20		ug/L			03/21/22 21:17	10
Xylenes, Total	ND		5.0		ug/L			03/21/22 21:17	10
Methyl tert-butyl ether	ND		5.0		ug/L			03/21/22 21:17	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*69 - 129*		*03/21/22 21:17*	*10*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 126*		*03/21/22 21:17*	*10*
Toluene-d8 (Surr)	*100*		*67 - 127*		*03/21/22 21:17*	*10*

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-16-GW
Date Collected: 03/15/22 16:55
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	89		68 - 128		03/21/22 21:17	10

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DCA	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-143)	(32-156)	(63-138)	(55-129)
320-85798-1	HA-6-S-2.5	97	104	104	103
320-85798-2	HA-7-S-5.5	100	103	101	100
320-85798-3	HA-8-S-3.5	102	105	101	100
320-85798-4	HA-9-S-5.0	99	109	100	101
320-85798-5	HA-10-S-3.5	95	99	96	99
320-85798-6	HA-11-S-5.5	99	110	100	101
320-85798-8	HA-12-S-2.5	106	108	110	100
320-85798-9	HA-13-S-4.5	102	109	101	99
320-85798-10	HA-15-S-4.0	100	106	102	99
320-85798-11	HA-16-S-10	101	108	101	99
320-85798-12	HA-17-S-8.0	101	110	101	100
LCS 320-574383/7	Lab Control Sample	101	102	101	102
LCS 320-574629/7	Lab Control Sample	99	97	101	101
LCSD 320-574383/8	Lab Control Sample Dup	102	104	103	101
LCSD 320-574629/8	Lab Control Sample Dup	99	98	104	101
MB 320-574383/10	Method Blank	100	104	101	102
MB 320-574629/10	Method Blank	96	96	100	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DCA	TOL	DBFM
Lab Sample ID	Client Sample ID	(67-135)	(52-126)	(65-131)	(61-123)
320-85798-7	HA-12-S-3.75	95	102	112	91
320-85798-7 - DL	HA-12-S-3.75	99	99	104	100
320-85798-7 - RADL	HA-12-S-3.75	98	79	99	84
LCS 320-573664/2-A	Lab Control Sample	99	95	101	93
LCSD 320-573664/3-A	Lab Control Sample Dup	99	93	102	92
MB 320-573664/1-A	Method Blank	97	91	99	87

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DCA	TOL	DBFM
Lab Sample ID	Client Sample ID	(69-129)	(66-126)	(67-127)	(68-128)
320-85798-13	HA-6-GW	99	98	97	87

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DCA	TOL	DBFM
Lab Sample ID	Client Sample ID	(69-129)	(66-126)	(67-127)	(68-128)
320-85798-14	HA-7-GW	96	97	98	89
320-85798-15	HA-11-GW	99	94	98	84
320-85798-16	HA-12-GW	96	99	100	88
320-85798-17	HA-17-GW	97	97	99	87
320-85798-18	HA-16-GW	98	98	100	89
LCS 320-574607/6	Lab Control Sample	99	94	100	93
LCSD 320-574607/7	Lab Control Sample Dup	99	92	100	92
MB 320-574607/11	Method Blank	99	96	98	88

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB
Lab Sample ID	Client Sample ID	(70-131)
320-85798-1	HA-6-S-2.5	97
320-85798-2	HA-7-S-5.5	100
320-85798-3	HA-8-S-3.5	102
320-85798-4	HA-9-S-5.0	99
320-85798-5	HA-10-S-3.5	95
320-85798-6	HA-11-S-5.5	99
320-85798-8	HA-12-S-2.5	106
320-85798-9	HA-13-S-4.5	102
320-85798-10	HA-15-S-4.0	100
320-85798-11	HA-16-S-10	101
320-85798-12	HA-17-S-8.0	101
LCS 320-574384/5	Lab Control Sample	103
LCS 320-574630/5	Lab Control Sample	97
LCSD 320-574384/6	Lab Control Sample Dup	102
LCSD 320-574630/6	Lab Control Sample Dup	97
MB 320-574384/10	Method Blank	100
MB 320-574630/10	Method Blank	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB
Lab Sample ID	Client Sample ID	(59-120)
320-85798-7	HA-12-S-3.75	99
LCS 320-573664/4-A	Lab Control Sample	99
LCSD 320-573664/5-A	Lab Control Sample Dup	99

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB (59-120)
MB 320-573664/1-A	Method Blank	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB (73-115)
320-85798-13	HA-6-GW	99
320-85798-14	HA-7-GW	96
320-85798-15	HA-11-GW	99
320-85798-16	HA-12-GW	96
320-85798-17	HA-17-GW	97
320-85798-18	HA-16-GW	98
LCS 320-574605/8	Lab Control Sample	98
LCSD 320-574605/9	Lab Control Sample Dup	98
MB 320-574605/11	Method Blank	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTPH1 (51-111)
320-85798-1	HA-6-S-2.5	54
320-85798-1 MS	HA-6-S-2.5	63
320-85798-1 MSD	HA-6-S-2.5	61
320-85798-2	HA-7-S-5.5	55
320-85798-3	HA-8-S-3.5	50 S1-
320-85798-4	HA-9-S-5.0	45 S1-
320-85798-5	HA-10-S-3.5	58
320-85798-6	HA-11-S-5.5	57
320-85798-7	HA-12-S-3.75	87
320-85798-8	HA-12-S-2.5	65
320-85798-9	HA-13-S-4.5	57
320-85798-10	HA-15-S-4.0	63
320-85798-11	HA-16-S-10	26 S1-
320-85798-12	HA-17-S-8.0	35 S1-
LCS 320-575209/2-A	Lab Control Sample	68
MB 320-575209/1-A	Method Blank	68

Surrogate Legend

OTPH = o-Terphenyl (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Silica Gel Cleanup

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTPH1 (56-145)
320-85798-13	HA-6-GW	63
320-85798-14	HA-7-GW	65
320-85798-15	HA-11-GW	66
320-85798-16	HA-12-GW	64
320-85798-17	HA-17-GW	59
LCS 320-574065/2-A	Lab Control Sample	68
MB 320-574065/1-A	Method Blank	62

Surrogate Legend

OTPH = o-Terphenyl (Surr)

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 320-573664/1-A
Matrix: Solid
Analysis Batch: 575445

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573664

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		500		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Benzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Bromobenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Bromochloromethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Bromodichloromethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Bromoform	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Bromomethane	ND		100		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
2-Butanone (MEK)	ND		100		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
n-Butylbenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
sec-Butylbenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
tert-Butylbenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Carbon tetrachloride	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Carbon disulfide	ND		100		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Chlorobenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Chloroethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Chloroform	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Chloromethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
2-Chlorotoluene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
4-Chlorotoluene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,2-Dibromo-3-Chloropropane	ND		100		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,2-Dibromoethane (EDB)	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Dibromomethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,2-Dichlorobenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,3-Dichlorobenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,4-Dichlorobenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Dibromochloromethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Dichlorodifluoromethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,1-Dichloroethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,2-Dichloroethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
cis-1,2-Dichloroethene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
trans-1,2-Dichloroethene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,1-Dichloroethene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,2-Dichloropropane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,3-Dichloropropane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
2,2-Dichloropropane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
cis-1,3-Dichloropropene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
trans-1,3-Dichloropropene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,1-Dichloropropene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Ethylbenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Hexachlorobutadiene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Isopropylbenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
p-Isopropyltoluene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
2-Hexanone	ND		100		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Methylene Chloride	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Naphthalene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
N-Propylbenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Styrene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 320-573664/1-A
Matrix: Solid
Analysis Batch: 575445

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573664

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
4-Methyl-2-pentanone (MIBK)	ND		100		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,1,2,2-Tetrachloroethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Tetrachloroethene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Toluene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,2,3-Trichlorobenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,2,4-Trichlorobenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,1,1-Trichloroethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,1,2-Trichloroethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Trichloroethene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Trichlorofluoromethane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,2,3-Trichloropropane	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,2,4-Trimethylbenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,3,5-Trimethylbenzene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Vinyl chloride	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
m-Xylene & p-Xylene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
o-Xylene	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Vinyl acetate	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Xylenes, Total	ND		50		ug/Kg		03/17/22 11:15	03/24/22 14:41	1
Methyl tert-butyl ether	ND		100		ug/Kg		03/17/22 11:15	03/24/22 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*67 - 135*	*03/17/22 11:15*	*03/24/22 14:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*52 - 126*	*03/17/22 11:15*	*03/24/22 14:41*	*1*
Toluene-d8 (Surr)	*99*		*65 - 131*	*03/17/22 11:15*	*03/24/22 14:41*	*1*
Dibromofluoromethane (Surr)	*87*		*61 - 123*	*03/17/22 11:15*	*03/24/22 14:41*	*1*

Lab Sample ID: LCS 320-573664/2-A
Matrix: Solid
Analysis Batch: 575445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	2500	2080		ug/Kg		83	17 - 154
Benzene	1000	1040		ug/Kg		104	76 - 120
Bromobenzene	1000	1060		ug/Kg		106	77 - 120
Bromochloromethane	1000	917		ug/Kg		92	71 - 120
Bromodichloromethane	1000	831		ug/Kg		83	69 - 120
Bromoform	1000	765		ug/Kg		77	59 - 120
Bromomethane	1000	1010		ug/Kg		101	14 - 120
2-Butanone (MEK)	2500	2770		ug/Kg		111	41 - 121
n-Butylbenzene	1000	1120		ug/Kg		112	76 - 127
sec-Butylbenzene	1000	1140		ug/Kg		114	80 - 121
tert-Butylbenzene	1000	1110		ug/Kg		111	80 - 122
Carbon tetrachloride	1000	913		ug/Kg		91	61 - 125
Carbon disulfide	1000	855		ug/Kg		85	42 - 120
Chlorobenzene	1000	1030		ug/Kg		103	78 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 320-573664/2-A
Matrix: Solid
Analysis Batch: 575445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	1000	987		ug/Kg		99	11 - 120
Chloroform	1000	995		ug/Kg		99	67 - 120
Chloromethane	1000	903		ug/Kg		90	45 - 120
2-Chlorotoluene	1000	1100		ug/Kg		110	77 - 122
4-Chlorotoluene	1000	1080		ug/Kg		108	79 - 124
1,2-Dibromo-3-Chloropropane	1000	678		ug/Kg		68	46 - 120
1,2-Dibromoethane (EDB)	1000	980		ug/Kg		98	74 - 120
Dibromomethane	1000	926		ug/Kg		93	70 - 120
1,2-Dichlorobenzene	1000	1030		ug/Kg		103	74 - 120
1,3-Dichlorobenzene	1000	1040		ug/Kg		104	78 - 120
1,4-Dichlorobenzene	1000	1030		ug/Kg		103	75 - 120
Dibromochloromethane	1000	802		ug/Kg		80	69 - 120
Dichlorodifluoromethane	1000	832		ug/Kg		83	11 - 120
1,1-Dichloroethane	1000	1000		ug/Kg		100	70 - 120
1,2-Dichloroethane	1000	971		ug/Kg		97	62 - 122
cis-1,2-Dichloroethene	1000	990		ug/Kg		99	73 - 120
trans-1,2-Dichloroethene	1000	988		ug/Kg		99	67 - 120
1,1-Dichloroethene	1000	938		ug/Kg		94	59 - 120
1,2-Dichloropropane	1000	1020		ug/Kg		102	77 - 120
1,3-Dichloropropane	1000	1040		ug/Kg		104	76 - 120
2,2-Dichloropropane	1000	826		ug/Kg		83	50 - 120
cis-1,3-Dichloropropene	1000	995		ug/Kg		99	74 - 124
trans-1,3-Dichloropropene	1000	995		ug/Kg		99	70 - 127
1,1-Dichloropropene	1000	997		ug/Kg		100	71 - 126
Ethylbenzene	1000	1040		ug/Kg		104	80 - 122
Hexachlorobutadiene	1000	990		ug/Kg		99	61 - 136
Isopropylbenzene	1000	1050		ug/Kg		105	80 - 122
p-Isopropyltoluene	1000	1100		ug/Kg		110	80 - 122
2-Hexanone	2500	2470		ug/Kg		99	49 - 120
Methylene Chloride	1000	958		ug/Kg		96	62 - 120
Naphthalene	1000	829		ug/Kg		83	50 - 138
N-Propylbenzene	1000	1130		ug/Kg		113	80 - 121
Styrene	1000	1020		ug/Kg		102	79 - 120
1,1,1,2-Tetrachloroethane	1000	993		ug/Kg		99	72 - 120
4-Methyl-2-pentanone (MIBK)	2500	2770		ug/Kg		111	56 - 120
1,1,2,2-Tetrachloroethane	1000	1020		ug/Kg		102	54 - 131
Tetrachloroethene	1000	1010		ug/Kg		101	78 - 121
Toluene	1000	1050		ug/Kg		105	78 - 125
1,2,3-Trichlorobenzene	1000	929		ug/Kg		93	35 - 169
1,2,4-Trichlorobenzene	1000	958		ug/Kg		96	53 - 141
1,1,1-Trichloroethane	1000	973		ug/Kg		97	67 - 120
1,1,2-Trichloroethane	1000	980		ug/Kg		98	74 - 120
Trichloroethene	1000	985		ug/Kg		99	68 - 120
Trichlorofluoromethane	1000	897		ug/Kg		90	12 - 144
1,2,3-Trichloropropane	1000	1010		ug/Kg		101	62 - 120
1,2,4-Trimethylbenzene	1000	1110		ug/Kg		111	78 - 120
1,3,5-Trimethylbenzene	1000	1110		ug/Kg		111	80 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 320-573664/2-A
Matrix: Solid
Analysis Batch: 575445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573664

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloro-1,2,2-trifluoroethane			1000	931		ug/Kg		93	65 - 123		
Vinyl chloride			1000	1010		ug/Kg		101	53 - 120		
m-Xylene & p-Xylene			1000	1060		ug/Kg		106	80 - 123		
o-Xylene			1000	1030		ug/Kg		103	80 - 120		
Vinyl acetate			1000	962		ug/Kg		96	47 - 120		
Xylenes, Total			2000	2090		ug/Kg		105	70 - 130		
Methyl tert-butyl ether			1000	969		ug/Kg		97	51 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*67 - 135*
1,2-Dichloroethane-d4 (Surr)	*95*		*52 - 126*
Toluene-d8 (Surr)	*101*		*65 - 131*
Dibromofluoromethane (Surr)	*93*		*61 - 123*

Lab Sample ID: LCSD 320-573664/3-A
Matrix: Solid
Analysis Batch: 575445

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 573664

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			2500	1850		ug/Kg		74	17 - 154	12	77
Benzene			1000	1030		ug/Kg		103	76 - 120	1	25
Bromobenzene			1000	1050		ug/Kg		105	77 - 120	1	25
Bromochloromethane			1000	879		ug/Kg		88	71 - 120	4	25
Bromodichloromethane			1000	833		ug/Kg		83	69 - 120	0	29
Bromoform			1000	740		ug/Kg		74	59 - 120	3	25
Bromomethane			1000	990		ug/Kg		99	14 - 120	2	67
2-Butanone (MEK)			2500	2780		ug/Kg		111	41 - 121	0	47
n-Butylbenzene			1000	1110		ug/Kg		111	76 - 127	0	28
sec-Butylbenzene			1000	1120		ug/Kg		112	80 - 121	1	25
tert-Butylbenzene			1000	1090		ug/Kg		109	80 - 122	2	25
Carbon tetrachloride			1000	893		ug/Kg		89	61 - 125	2	34
Carbon disulfide			1000	837		ug/Kg		84	42 - 120	2	44
Chlorobenzene			1000	1010		ug/Kg		101	78 - 120	1	25
Chloroethane			1000	948		ug/Kg		95	11 - 120	4	91
Chloroform			1000	973		ug/Kg		97	67 - 120	2	29
Chloromethane			1000	922		ug/Kg		92	45 - 120	2	43
2-Chlorotoluene			1000	1080		ug/Kg		108	77 - 122	3	25
4-Chlorotoluene			1000	1060		ug/Kg		106	79 - 124	2	25
1,2-Dibromo-3-Chloropropane			1000	627		ug/Kg		63	46 - 120	8	46
1,2-Dibromoethane (EDB)			1000	949		ug/Kg		95	74 - 120	3	25
Dibromomethane			1000	903		ug/Kg		90	70 - 120	3	26
1,2-Dichlorobenzene			1000	1010		ug/Kg		101	74 - 120	2	25
1,3-Dichlorobenzene			1000	1020		ug/Kg		102	78 - 120	2	25
1,4-Dichlorobenzene			1000	1020		ug/Kg		102	75 - 120	1	25
Dibromochloromethane			1000	783		ug/Kg		78	69 - 120	2	25
Dichlorodifluoromethane			1000	815		ug/Kg		81	11 - 120	2	75
1,1-Dichloroethane			1000	967		ug/Kg		97	70 - 120	3	26

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 320-573664/3-A
Matrix: Solid
Analysis Batch: 575445

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 573664

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane			1000	949		ug/Kg		95	62 - 122	2	33
cis-1,2-Dichloroethene			1000	985		ug/Kg		99	73 - 120	1	25
trans-1,2-Dichloroethene			1000	977		ug/Kg		98	67 - 120	1	25
1,1-Dichloroethene			1000	923		ug/Kg		92	59 - 120	2	30
1,2-Dichloropropane			1000	1000		ug/Kg		100	77 - 120	2	25
1,3-Dichloropropane			1000	1010		ug/Kg		101	76 - 120	3	25
2,2-Dichloropropane			1000	800		ug/Kg		80	50 - 120	3	35
cis-1,3-Dichloropropene			1000	980		ug/Kg		98	74 - 124	1	26
trans-1,3-Dichloropropene			1000	970		ug/Kg		97	70 - 127	3	31
1,1-Dichloropropene			1000	980		ug/Kg		98	71 - 126	2	27
Ethylbenzene			1000	1030		ug/Kg		103	80 - 122	1	25
Hexachlorobutadiene			1000	984		ug/Kg		98	61 - 136	1	35
Isopropylbenzene			1000	1040		ug/Kg		104	80 - 122	1	25
p-Isopropyltoluene			1000	1090		ug/Kg		109	80 - 122	1	25
2-Hexanone			2500	2490		ug/Kg		100	49 - 120	1	39
Methylene Chloride			1000	965		ug/Kg		97	62 - 120	1	28
Naphthalene			1000	837		ug/Kg		84	50 - 138	1	48
N-Propylbenzene			1000	1110		ug/Kg		111	80 - 121	1	25
Styrene			1000	998		ug/Kg		100	79 - 120	2	25
1,1,1,2-Tetrachloroethane			1000	982		ug/Kg		98	72 - 120	1	25
4-Methyl-2-pentanone (MIBK)			2500	2720		ug/Kg		109	56 - 120	2	33
1,1,2,2-Tetrachloroethane			1000	974		ug/Kg		97	54 - 131	5	34
Tetrachloroethene			1000	996		ug/Kg		100	78 - 121	2	25
Toluene			1000	1050		ug/Kg		105	78 - 125	0	25
1,2,3-Trichlorobenzene			1000	941		ug/Kg		94	35 - 169	1	65
1,2,4-Trichlorobenzene			1000	961		ug/Kg		96	53 - 141	0	42
1,1,1-Trichloroethane			1000	965		ug/Kg		96	67 - 120	1	30
1,1,2-Trichloroethane			1000	959		ug/Kg		96	74 - 120	2	26
Trichloroethene			1000	978		ug/Kg		98	68 - 120	1	25
Trichlorofluoromethane			1000	814		ug/Kg		81	12 - 144	10	107
1,2,3-Trichloropropane			1000	958		ug/Kg		96	62 - 120	5	30
1,2,4-Trimethylbenzene			1000	1070		ug/Kg		107	78 - 120	3	25
1,3,5-Trimethylbenzene			1000	1090		ug/Kg		109	80 - 121	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane			1000	913		ug/Kg		91	65 - 123	2	36
Vinyl chloride			1000	1000		ug/Kg		100	53 - 120	1	34
m-Xylene & p-Xylene			1000	1030		ug/Kg		103	80 - 123	3	25
o-Xylene			1000	1020		ug/Kg		102	80 - 120	2	25
Vinyl acetate			1000	859		ug/Kg		86	47 - 120	11	38
Xylenes, Total			2000	2050		ug/Kg		103	70 - 130	2	15
Methyl tert-butyl ether			1000	952		ug/Kg		95	51 - 120	2	48

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*67 - 135*
1,2-Dichloroethane-d4 (Surr)	*93*		*52 - 126*
Toluene-d8 (Surr)	*102*		*65 - 131*
Dibromofluoromethane (Surr)	*92*		*61 - 123*

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 320-574383/10
Matrix: Solid
Analysis Batch: 574383

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20		ug/Kg			03/20/22 12:32	1
Benzene	ND		5.0		ug/Kg			03/20/22 12:32	1
Bromobenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
Bromochloromethane	ND		5.0		ug/Kg			03/20/22 12:32	1
Bromodichloromethane	ND		5.0		ug/Kg			03/20/22 12:32	1
Bromoform	ND		5.0		ug/Kg			03/20/22 12:32	1
Bromomethane	ND		5.0		ug/Kg			03/20/22 12:32	1
2-Butanone (MEK)	ND		10		ug/Kg			03/20/22 12:32	1
n-Butylbenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
sec-Butylbenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
tert-Butylbenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
Carbon tetrachloride	ND		5.0		ug/Kg			03/20/22 12:32	1
Carbon disulfide	ND		10		ug/Kg			03/20/22 12:32	1
Chlorobenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
Chloroethane	ND		5.0		ug/Kg			03/20/22 12:32	1
Chloroform	ND		5.0		ug/Kg			03/20/22 12:32	1
Chloromethane	ND		5.0		ug/Kg			03/20/22 12:32	1
2-Chlorotoluene	ND		5.0		ug/Kg			03/20/22 12:32	1
4-Chlorotoluene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			03/20/22 12:32	1
1,2-Dibromoethane (EDB)	ND		10		ug/Kg			03/20/22 12:32	1
Dibromomethane	ND		5.0		ug/Kg			03/20/22 12:32	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
Dibromochloromethane	ND		5.0		ug/Kg			03/20/22 12:32	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			03/20/22 12:32	1
1,1-Dichloroethane	ND		5.0		ug/Kg			03/20/22 12:32	1
1,2-Dichloroethane	ND		5.0		ug/Kg			03/20/22 12:32	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			03/20/22 12:32	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,1-Dichloroethene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,2-Dichloropropane	ND		5.0		ug/Kg			03/20/22 12:32	1
1,3-Dichloropropane	ND		5.0		ug/Kg			03/20/22 12:32	1
2,2-Dichloropropane	ND		5.0		ug/Kg			03/20/22 12:32	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			03/20/22 12:32	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,1-Dichloropropene	ND		5.0		ug/Kg			03/20/22 12:32	1
Ethylbenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
Hexachlorobutadiene	ND		5.0		ug/Kg			03/20/22 12:32	1
Isopropylbenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
p-Isopropyltoluene	ND		5.0		ug/Kg			03/20/22 12:32	1
2-Hexanone	ND		10		ug/Kg			03/20/22 12:32	1
Methylene Chloride	ND		10		ug/Kg			03/20/22 12:32	1
Naphthalene	ND		5.0		ug/Kg			03/20/22 12:32	1
N-Propylbenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
Styrene	ND		5.0		ug/Kg			03/20/22 12:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 320-574383/10
Matrix: Solid
Analysis Batch: 574383

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			03/20/22 12:32	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/Kg			03/20/22 12:32	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			03/20/22 12:32	1
Tetrachloroethene	ND		5.0		ug/Kg			03/20/22 12:32	1
Toluene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			03/20/22 12:32	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			03/20/22 12:32	1
Trichloroethene	ND		5.0		ug/Kg			03/20/22 12:32	1
Trichlorofluoromethane	ND		5.0		ug/Kg			03/20/22 12:32	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			03/20/22 12:32	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			03/20/22 12:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			03/20/22 12:32	1
Vinyl chloride	ND		5.0		ug/Kg			03/20/22 12:32	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg			03/20/22 12:32	1
o-Xylene	ND		5.0		ug/Kg			03/20/22 12:32	1
Vinyl acetate	ND		10		ug/Kg			03/20/22 12:32	1
Xylenes, Total	ND		5.0		ug/Kg			03/20/22 12:32	1
Methyl tert-butyl ether	ND		10		ug/Kg			03/20/22 12:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*63 - 143*		*03/20/22 12:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 156*		*03/20/22 12:32*	*1*
Toluene-d8 (Surr)	*101*		*63 - 138*		*03/20/22 12:32*	*1*
Dibromofluoromethane (Surr)	*102*		*55 - 129*		*03/20/22 12:32*	*1*

Lab Sample ID: LCS 320-574383/7
Matrix: Solid
Analysis Batch: 574383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	125	144		ug/Kg		115	64 - 128
Benzene	50.0	52.2		ug/Kg		104	78 - 128
Bromobenzene	50.0	52.4		ug/Kg		105	67 - 132
Bromochloromethane	50.0	51.3		ug/Kg		103	80 - 127
Bromodichloromethane	50.0	52.0		ug/Kg		104	80 - 137
Bromoform	50.0	52.0		ug/Kg		104	80 - 136
Bromomethane	50.0	50.6		ug/Kg		101	48 - 164
2-Butanone (MEK)	125	129		ug/Kg		103	71 - 142
n-Butylbenzene	50.0	54.4		ug/Kg		109	68 - 136
sec-Butylbenzene	50.0	54.5		ug/Kg		109	68 - 131
tert-Butylbenzene	50.0	54.8		ug/Kg		110	67 - 131
Carbon tetrachloride	50.0	52.4		ug/Kg		105	62 - 154
Carbon disulfide	50.0	52.4		ug/Kg		105	52 - 145
Chlorobenzene	50.0	51.7		ug/Kg		103	74 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 320-574383/7
Matrix: Solid
Analysis Batch: 574383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	54.5		ug/Kg		109	54 - 148
Chloroform	50.0	52.7		ug/Kg		105	78 - 135
Chloromethane	50.0	59.1		ug/Kg		118	60 - 141
2-Chlorotoluene	50.0	54.2		ug/Kg		108	64 - 127
4-Chlorotoluene	50.0	53.7		ug/Kg		107	67 - 128
1,2-Dibromo-3-Chloropropane	50.0	55.9		ug/Kg		112	75 - 137
1,2-Dibromoethane (EDB)	50.0	51.8		ug/Kg		104	80 - 124
Dibromomethane	50.0	52.2		ug/Kg		104	80 - 129
1,2-Dichlorobenzene	50.0	53.5		ug/Kg		107	68 - 121
1,3-Dichlorobenzene	50.0	52.0		ug/Kg		104	64 - 126
1,4-Dichlorobenzene	50.0	52.1		ug/Kg		104	65 - 124
Dibromochloromethane	50.0	52.5		ug/Kg		105	80 - 133
Dichlorodifluoromethane	50.0	56.5		ug/Kg		113	60 - 130
1,1-Dichloroethane	50.0	53.9		ug/Kg		108	76 - 134
1,2-Dichloroethane	50.0	53.5		ug/Kg		107	66 - 150
cis-1,2-Dichloroethene	50.0	51.9		ug/Kg		104	74 - 131
trans-1,2-Dichloroethene	50.0	52.2		ug/Kg		104	67 - 135
1,1-Dichloroethene	50.0	52.1		ug/Kg		104	66 - 136
1,2-Dichloropropane	50.0	53.2		ug/Kg		106	80 - 129
1,3-Dichloropropane	50.0	53.1		ug/Kg		106	80 - 123
2,2-Dichloropropane	50.0	55.4		ug/Kg		111	69 - 153
cis-1,3-Dichloropropene	50.0	51.9		ug/Kg		104	80 - 134
trans-1,3-Dichloropropene	50.0	52.9		ug/Kg		106	80 - 148
1,1-Dichloropropene	50.0	53.0		ug/Kg		106	76 - 132
Ethylbenzene	50.0	53.2		ug/Kg		106	72 - 125
Hexachlorobutadiene	50.0	53.9		ug/Kg		108	52 - 140
Isopropylbenzene	50.0	54.4		ug/Kg		109	69 - 137
p-Isopropyltoluene	50.0	54.1		ug/Kg		108	64 - 137
2-Hexanone	125	127		ug/Kg		102	78 - 143
Methylene Chloride	50.0	53.1		ug/Kg		106	77 - 125
Naphthalene	50.0	57.2		ug/Kg		114	53 - 140
N-Propylbenzene	50.0	54.0		ug/Kg		108	63 - 128
Styrene	50.0	52.9		ug/Kg		106	79 - 128
1,1,1,2-Tetrachloroethane	50.0	54.8		ug/Kg		110	77 - 134
4-Methyl-2-pentanone (MIBK)	125	125		ug/Kg		100	79 - 150
1,1,2,2-Tetrachloroethane	50.0	55.4		ug/Kg		111	71 - 134
Tetrachloroethene	50.0	52.4		ug/Kg		105	65 - 135
Toluene	50.0	53.1		ug/Kg		106	80 - 124
1,2,3-Trichlorobenzene	50.0	56.4		ug/Kg		113	54 - 140
1,2,4-Trichlorobenzene	50.0	55.3		ug/Kg		111	48 - 145
1,1,1-Trichloroethane	50.0	52.3		ug/Kg		105	67 - 150
1,1,2-Trichloroethane	50.0	53.0		ug/Kg		106	80 - 128
Trichloroethene	50.0	51.6		ug/Kg		103	80 - 126
Trichlorofluoromethane	50.0	51.8		ug/Kg		104	43 - 158
1,2,3-Trichloropropane	50.0	54.1		ug/Kg		108	71 - 132
1,2,4-Trimethylbenzene	50.0	54.2		ug/Kg		108	64 - 137
1,3,5-Trimethylbenzene	50.0	55.0		ug/Kg		110	66 - 135

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 320-574383/7
Matrix: Solid
Analysis Batch: 574383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	51.6		ug/Kg		103	62 - 138		
Vinyl chloride			50.0	55.8		ug/Kg		112	67 - 127		
m-Xylene & p-Xylene			50.0	53.7		ug/Kg		107	73 - 128		
o-Xylene			50.0	54.3		ug/Kg		109	76 - 127		
Vinyl acetate			50.0	54.3		ug/Kg		109	39 - 160		
Xylenes, Total			100	108		ug/Kg		108	75 - 122		
Methyl tert-butyl ether			50.0	53.0		ug/Kg		106	66 - 146		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*63 - 143*
1,2-Dichloroethane-d4 (Surr)	*102*		*32 - 156*
Toluene-d8 (Surr)	*101*		*63 - 138*
Dibromofluoromethane (Surr)	*102*		*55 - 129*

Lab Sample ID: LCSD 320-574383/8
Matrix: Solid
Analysis Batch: 574383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			125	134		ug/Kg		108	64 - 128	7	36
Benzene			50.0	52.1		ug/Kg		104	78 - 128	0	37
Bromobenzene			50.0	51.3		ug/Kg		103	67 - 132	2	40
Bromochloromethane			50.0	50.8		ug/Kg		102	80 - 127	1	36
Bromodichloromethane			50.0	52.6		ug/Kg		105	80 - 137	1	37
Bromoform			50.0	53.4		ug/Kg		107	80 - 136	3	45
Bromomethane			50.0	47.6		ug/Kg		95	48 - 164	6	38
2-Butanone (MEK)			125	127		ug/Kg		102	71 - 142	1	44
n-Butylbenzene			50.0	51.9		ug/Kg		104	68 - 136	5	37
sec-Butylbenzene			50.0	51.5		ug/Kg		103	68 - 131	6	40
tert-Butylbenzene			50.0	52.1		ug/Kg		104	67 - 131	5	42
Carbon tetrachloride			50.0	51.7		ug/Kg		103	62 - 154	1	43
Carbon disulfide			50.0	49.5		ug/Kg		99	52 - 145	6	46
Chlorobenzene			50.0	51.3		ug/Kg		103	74 - 125	1	38
Chloroethane			50.0	53.2		ug/Kg		106	54 - 148	2	34
Chloroform			50.0	51.8		ug/Kg		104	78 - 135	2	23
Chloromethane			50.0	56.0		ug/Kg		112	60 - 141	5	36
2-Chlorotoluene			50.0	51.8		ug/Kg		104	64 - 127	5	41
4-Chlorotoluene			50.0	52.2		ug/Kg		104	67 - 128	3	40
1,2-Dibromo-3-Chloropropane			50.0	57.0		ug/Kg		114	75 - 137	2	48
1,2-Dibromoethane (EDB)			50.0	53.8		ug/Kg		108	80 - 124	4	39
Dibromomethane			50.0	52.6		ug/Kg		105	80 - 129	1	37
1,2-Dichlorobenzene			50.0	52.1		ug/Kg		104	68 - 121	3	28
1,3-Dichlorobenzene			50.0	51.2		ug/Kg		102	64 - 126	1	41
1,4-Dichlorobenzene			50.0	51.0		ug/Kg		102	65 - 124	2	38
Dibromochloromethane			50.0	51.8		ug/Kg		104	80 - 133	1	24
Dichlorodifluoromethane			50.0	55.1		ug/Kg		110	60 - 130	3	46
1,1-Dichloroethane			50.0	52.4		ug/Kg		105	76 - 134	3	24

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 320-574383/8
Matrix: Solid
Analysis Batch: 574383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane			50.0	54.1		ug/Kg		108	66 - 150	1	36
cis-1,2-Dichloroethene			50.0	51.1		ug/Kg		102	74 - 131	2	37
trans-1,2-Dichloroethene			50.0	51.2		ug/Kg		102	67 - 135	2	37
1,1-Dichloroethene			50.0	51.1		ug/Kg		102	66 - 136	2	42
1,2-Dichloropropane			50.0	54.8		ug/Kg		110	80 - 129	3	38
1,3-Dichloropropane			50.0	53.8		ug/Kg		108	80 - 123	1	39
2,2-Dichloropropane			50.0	54.0		ug/Kg		108	69 - 153	3	47
cis-1,3-Dichloropropene			50.0	53.6		ug/Kg		107	80 - 134	3	39
trans-1,3-Dichloropropene			50.0	56.8		ug/Kg		114	80 - 148	7	42
1,1-Dichloropropene			50.0	52.8		ug/Kg		106	76 - 132	0	38
Ethylbenzene			50.0	51.9		ug/Kg		104	72 - 125	3	41
Hexachlorobutadiene			50.0	50.9		ug/Kg		102	52 - 140	6	38
Isopropylbenzene			50.0	51.6		ug/Kg		103	69 - 137	5	41
p-Isopropyltoluene			50.0	51.1		ug/Kg		102	64 - 137	6	40
2-Hexanone			125	132		ug/Kg		105	78 - 143	4	73
Methylene Chloride			50.0	51.7		ug/Kg		103	77 - 125	3	25
Naphthalene			50.0	56.1		ug/Kg		112	53 - 140	2	46
N-Propylbenzene			50.0	51.8		ug/Kg		104	63 - 128	4	42
Styrene			50.0	52.8		ug/Kg		106	79 - 128	0	40
1,1,1,2-Tetrachloroethane			50.0	52.2		ug/Kg		104	77 - 134	5	25
4-Methyl-2-pentanone (MIBK)			125	126		ug/Kg		101	79 - 150	0	48
1,1,2,2-Tetrachloroethane			50.0	55.1		ug/Kg		110	71 - 134	1	31
Tetrachloroethene			50.0	51.0		ug/Kg		102	65 - 135	3	39
Toluene			50.0	52.0		ug/Kg		104	80 - 124	2	39
1,2,3-Trichlorobenzene			50.0	53.1		ug/Kg		106	54 - 140	6	42
1,2,4-Trichlorobenzene			50.0	52.3		ug/Kg		105	48 - 145	6	39
1,1,1-Trichloroethane			50.0	51.9		ug/Kg		104	67 - 150	1	43
1,1,2-Trichloroethane			50.0	53.5		ug/Kg		107	80 - 128	1	41
Trichloroethene			50.0	52.1		ug/Kg		104	80 - 126	1	40
Trichlorofluoromethane			50.0	50.5		ug/Kg		101	43 - 158	3	32
1,2,3-Trichloropropane			50.0	53.5		ug/Kg		107	71 - 132	1	41
1,2,4-Trimethylbenzene			50.0	51.4		ug/Kg		103	64 - 137	5	41
1,3,5-Trimethylbenzene			50.0	52.2		ug/Kg		104	66 - 135	5	42
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	50.9		ug/Kg		102	62 - 138	1	22
Vinyl chloride			50.0	54.6		ug/Kg		109	67 - 127	2	37
m-Xylene & p-Xylene			50.0	52.4		ug/Kg		105	73 - 128	3	40
o-Xylene			50.0	52.0		ug/Kg		104	76 - 127	4	40
Vinyl acetate			50.0	57.2		ug/Kg		114	39 - 160	5	50
Xylenes, Total			100	104		ug/Kg		104	75 - 122	3	15
Methyl tert-butyl ether			50.0	53.0		ug/Kg		106	66 - 146	0	45

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*63 - 143*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 156*
Toluene-d8 (Surr)	*103*		*63 - 138*
Dibromofluoromethane (Surr)	*101*		*55 - 129*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 320-574607/11
Matrix: Water
Analysis Batch: 574607

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/L			03/21/22 14:05	1
Benzene	ND		0.50		ug/L			03/21/22 14:05	1
Bromobenzene	ND		1.0		ug/L			03/21/22 14:05	1
Bromochloromethane	ND		1.0		ug/L			03/21/22 14:05	1
Bromodichloromethane	ND		0.50		ug/L			03/21/22 14:05	1
Bromoform	ND		1.0		ug/L			03/21/22 14:05	1
Bromomethane	ND		1.0		ug/L			03/21/22 14:05	1
2-Butanone (MEK)	ND		2.0		ug/L			03/21/22 14:05	1
n-Butylbenzene	ND		1.0		ug/L			03/21/22 14:05	1
sec-Butylbenzene	ND		1.0		ug/L			03/21/22 14:05	1
tert-Butylbenzene	ND		1.0		ug/L			03/21/22 14:05	1
Carbon tetrachloride	ND		0.50		ug/L			03/21/22 14:05	1
Carbon disulfide	ND		2.0		ug/L			03/21/22 14:05	1
Chlorobenzene	ND		0.50		ug/L			03/21/22 14:05	1
Chloroethane	ND		1.0		ug/L			03/21/22 14:05	1
Chloroform	ND		1.0		ug/L			03/21/22 14:05	1
Chloromethane	ND		1.0		ug/L			03/21/22 14:05	1
2-Chlorotoluene	ND		0.50		ug/L			03/21/22 14:05	1
4-Chlorotoluene	ND		0.50		ug/L			03/21/22 14:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			03/21/22 14:05	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			03/21/22 14:05	1
Dibromomethane	ND		0.50		ug/L			03/21/22 14:05	1
1,2-Dichlorobenzene	ND		0.50		ug/L			03/21/22 14:05	1
1,3-Dichlorobenzene	ND		0.50		ug/L			03/21/22 14:05	1
1,4-Dichlorobenzene	ND		0.50		ug/L			03/21/22 14:05	1
Dibromochloromethane	ND		0.50		ug/L			03/21/22 14:05	1
Dichlorodifluoromethane	ND		1.0		ug/L			03/21/22 14:05	1
1,1-Dichloroethane	ND		0.50		ug/L			03/21/22 14:05	1
1,2-Dichloroethane	ND		0.50		ug/L			03/21/22 14:05	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			03/21/22 14:05	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			03/21/22 14:05	1
1,1-Dichloroethene	ND		0.50		ug/L			03/21/22 14:05	1
1,2-Dichloropropane	ND		0.50		ug/L			03/21/22 14:05	1
1,3-Dichloropropane	ND		1.0		ug/L			03/21/22 14:05	1
2,2-Dichloropropane	ND		1.0		ug/L			03/21/22 14:05	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/21/22 14:05	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/21/22 14:05	1
1,1-Dichloropropene	ND		0.50		ug/L			03/21/22 14:05	1
Ethylbenzene	ND		0.50		ug/L			03/21/22 14:05	1
Hexachlorobutadiene	ND		1.0		ug/L			03/21/22 14:05	1
Isopropylbenzene	ND		0.50		ug/L			03/21/22 14:05	1
p-Isopropyltoluene	ND		1.0		ug/L			03/21/22 14:05	1
2-Hexanone	ND		2.0		ug/L			03/21/22 14:05	1
Methylene Chloride	ND		1.0		ug/L			03/21/22 14:05	1
Naphthalene	ND		1.0		ug/L			03/21/22 14:05	1
N-Propylbenzene	ND		1.0		ug/L			03/21/22 14:05	1
Styrene	ND		0.50		ug/L			03/21/22 14:05	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 320-574607/11
Matrix: Water
Analysis Batch: 574607

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			03/21/22 14:05	1
4-Methyl-2-pentanone (MIBK)	ND		2.0		ug/L			03/21/22 14:05	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			03/21/22 14:05	1
Tetrachloroethene	ND		0.50		ug/L			03/21/22 14:05	1
Toluene	ND		0.50		ug/L			03/21/22 14:05	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			03/21/22 14:05	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			03/21/22 14:05	1
1,1,1-Trichloroethane	ND		0.50		ug/L			03/21/22 14:05	1
1,1,2-Trichloroethane	ND		0.50		ug/L			03/21/22 14:05	1
Trichloroethene	ND		0.50		ug/L			03/21/22 14:05	1
Trichlorofluoromethane	ND		1.0		ug/L			03/21/22 14:05	1
1,2,3-Trichloropropane	ND		1.0		ug/L			03/21/22 14:05	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			03/21/22 14:05	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			03/21/22 14:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			03/21/22 14:05	1
Vinyl chloride	ND		0.50		ug/L			03/21/22 14:05	1
m-Xylene & p-Xylene	ND		0.50		ug/L			03/21/22 14:05	1
o-Xylene	ND		0.50		ug/L			03/21/22 14:05	1
Vinyl acetate	ND		2.0		ug/L			03/21/22 14:05	1
Xylenes, Total	ND		0.50		ug/L			03/21/22 14:05	1
Methyl tert-butyl ether	ND		0.50		ug/L			03/21/22 14:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*69 - 129*		*03/21/22 14:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 126*		*03/21/22 14:05*	*1*
Toluene-d8 (Surr)	*98*		*67 - 127*		*03/21/22 14:05*	*1*
Dibromofluoromethane (Surr)	*88*		*68 - 128*		*03/21/22 14:05*	*1*

Lab Sample ID: LCS 320-574607/6
Matrix: Water
Analysis Batch: 574607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	50.0	45.4		ug/L		91	45 - 151
Benzene	20.0	20.6		ug/L		103	67 - 127
Bromobenzene	20.0	21.3		ug/L		106	68 - 128
Bromochloromethane	20.0	18.6		ug/L		93	69 - 129
Bromodichloromethane	20.0	17.4		ug/L		87	69 - 129
Bromoform	20.0	16.8		ug/L		84	64 - 134
Bromomethane	20.0	21.2		ug/L		106	65 - 125
2-Butanone (MEK)	50.0	51.5		ug/L		103	66 - 126
n-Butylbenzene	20.0	21.7		ug/L		109	70 - 130
sec-Butylbenzene	20.0	21.8		ug/L		109	69 - 129
tert-Butylbenzene	20.0	21.7		ug/L		109	68 - 128
Carbon tetrachloride	20.0	19.4		ug/L		97	71 - 131
Carbon disulfide	20.0	18.5		ug/L		92	66 - 126
Chlorobenzene	20.0	20.5		ug/L		102	66 - 126

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 320-574607/6
Matrix: Water
Analysis Batch: 574607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	20.0	19.7		ug/L		98	67 - 127
Chloroform	20.0	20.0		ug/L		100	68 - 128
Chloromethane	20.0	18.6		ug/L		93	64 - 124
2-Chlorotoluene	20.0	21.4		ug/L		107	66 - 126
4-Chlorotoluene	20.0	21.4		ug/L		107	67 - 127
1,2-Dibromo-3-Chloropropane	20.0	20.0		ug/L		100	58 - 139
1,2-Dibromoethane (EDB)	20.0	20.0		ug/L		100	69 - 129
Dibromomethane	20.0	19.1		ug/L		95	68 - 128
1,2-Dichlorobenzene	20.0	20.9		ug/L		105	67 - 127
1,3-Dichlorobenzene	20.0	20.7		ug/L		103	66 - 126
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	66 - 126
Dibromochloromethane	20.0	16.9		ug/L		85	70 - 130
Dichlorodifluoromethane	20.0	18.0		ug/L		90	53 - 122
1,1-Dichloroethane	20.0	20.0		ug/L		100	67 - 127
1,2-Dichloroethane	20.0	19.8		ug/L		99	66 - 126
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	67 - 127
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	68 - 128
1,1-Dichloroethene	20.0	19.6		ug/L		98	69 - 129
1,2-Dichloropropane	20.0	20.1		ug/L		100	69 - 129
1,3-Dichloropropane	20.0	20.6		ug/L		103	67 - 127
2,2-Dichloropropane	20.0	21.0		ug/L		105	67 - 127
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130
trans-1,3-Dichloropropene	20.0	20.3		ug/L		102	70 - 130
1,1-Dichloropropene	20.0	20.0		ug/L		100	69 - 129
Ethylbenzene	20.0	20.3		ug/L		101	67 - 127
Hexachlorobutadiene	20.0	19.2		ug/L		96	72 - 134
Isopropylbenzene	20.0	20.7		ug/L		104	69 - 129
p-Isopropyltoluene	20.0	21.4		ug/L		107	69 - 129
2-Hexanone	50.0	48.1		ug/L		96	72 - 132
Methylene Chloride	20.0	19.7		ug/L		99	67 - 127
Naphthalene	20.0	20.9		ug/L		105	60 - 144
N-Propylbenzene	20.0	21.8		ug/L		109	68 - 128
Styrene	20.0	20.1		ug/L		101	69 - 129
1,1,1,2-Tetrachloroethane	20.0	20.1		ug/L		101	69 - 129
4-Methyl-2-pentanone (MIBK)	50.0	46.3		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	20.0	22.6		ug/L		113	68 - 128
Tetrachloroethene	20.0	20.0		ug/L		100	69 - 129
Toluene	20.0	21.0		ug/L		105	68 - 128
1,2,3-Trichlorobenzene	20.0	20.1		ug/L		101	58 - 145
1,2,4-Trichlorobenzene	20.0	19.8		ug/L		99	66 - 135
1,1,1-Trichloroethane	20.0	19.8		ug/L		99	69 - 129
1,1,2-Trichloroethane	20.0	20.1		ug/L		100	69 - 129
Trichloroethene	20.0	19.7		ug/L		98	69 - 129
Trichlorofluoromethane	20.0	21.3		ug/L		107	69 - 129
1,2,3-Trichloropropane	20.0	22.2		ug/L		111	68 - 128
1,2,4-Trimethylbenzene	20.0	21.5		ug/L		107	68 - 128
1,3,5-Trimethylbenzene	20.0	21.8		ug/L		109	68 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 320-574607/6
Matrix: Water
Analysis Batch: 574607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.8		ug/L		94	69 - 129		
Vinyl chloride			20.0	20.9		ug/L		104	65 - 125		
m-Xylene & p-Xylene			20.0	20.8		ug/L		104	67 - 127		
o-Xylene			20.0	20.1		ug/L		100	68 - 128		
Vinyl acetate			20.0	20.5		ug/L		103	62 - 140		
Xylenes, Total			40.0	40.9		ug/L		102	68 - 128		
Methyl tert-butyl ether			20.0	20.2		ug/L		101	67 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*69 - 129*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 126*
Toluene-d8 (Surr)	*100*		*67 - 127*
Dibromofluoromethane (Surr)	*93*		*68 - 128*

Lab Sample ID: LCSD 320-574607/7
Matrix: Water
Analysis Batch: 574607

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			50.0	45.8		ug/L		92	45 - 151	1	49
Benzene			20.0	20.2		ug/L		101	67 - 127	2	21
Bromobenzene			20.0	20.9		ug/L		104	68 - 128	2	17
Bromochloromethane			20.0	18.5		ug/L		92	69 - 129	1	19
Bromodichloromethane			20.0	17.6		ug/L		88	69 - 129	1	20
Bromoform			20.0	17.2		ug/L		86	64 - 134	2	16
Bromomethane			20.0	20.8		ug/L		104	65 - 125	2	40
2-Butanone (MEK)			50.0	50.8		ug/L		102	66 - 126	1	34
n-Butylbenzene			20.0	21.6		ug/L		108	70 - 130	0	25
sec-Butylbenzene			20.0	21.7		ug/L		109	69 - 129	0	19
tert-Butylbenzene			20.0	21.3		ug/L		107	68 - 128	2	19
Carbon tetrachloride			20.0	19.1		ug/L		96	71 - 131	2	25
Carbon disulfide			20.0	18.2		ug/L		91	66 - 126	2	26
Chlorobenzene			20.0	20.2		ug/L		101	66 - 126	1	15
Chloroethane			20.0	19.6		ug/L		98	67 - 127	1	40
Chloroform			20.0	19.7		ug/L		98	68 - 128	2	22
Chloromethane			20.0	18.8		ug/L		94	64 - 124	1	25
2-Chlorotoluene			20.0	21.1		ug/L		106	66 - 126	1	19
4-Chlorotoluene			20.0	21.2		ug/L		106	67 - 127	1	19
1,2-Dibromo-3-Chloropropane			20.0	20.1		ug/L		101	58 - 139	0	33
1,2-Dibromoethane (EDB)			20.0	19.8		ug/L		99	69 - 129	1	15
Dibromomethane			20.0	18.7		ug/L		94	68 - 128	2	17
1,2-Dichlorobenzene			20.0	20.6		ug/L		103	67 - 127	2	19
1,3-Dichlorobenzene			20.0	20.4		ug/L		102	66 - 126	1	17
1,4-Dichlorobenzene			20.0	20.3		ug/L		101	66 - 126	3	15
Dibromochloromethane			20.0	17.3		ug/L		87	70 - 130	2	17
Dichlorodifluoromethane			20.0	17.6		ug/L		88	53 - 122	2	51
1,1-Dichloroethane			20.0	19.6		ug/L		98	67 - 127	2	21

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 320-574607/7
Matrix: Water
Analysis Batch: 574607

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane			20.0	19.3		ug/L		96	66 - 126	3	25
cis-1,2-Dichloroethene			20.0	19.6		ug/L		98	67 - 127	2	18
trans-1,2-Dichloroethene			20.0	19.7		ug/L		99	68 - 128	2	20
1,1-Dichloroethene			20.0	19.1		ug/L		96	69 - 129	2	22
1,2-Dichloropropane			20.0	20.0		ug/L		100	69 - 129	0	27
1,3-Dichloropropane			20.0	20.5		ug/L		102	67 - 127	1	15
2,2-Dichloropropane			20.0	20.8		ug/L		104	67 - 127	1	25
cis-1,3-Dichloropropene			20.0	20.2		ug/L		101	70 - 130	0	24
trans-1,3-Dichloropropene			20.0	20.1		ug/L		101	70 - 130	1	29
1,1-Dichloropropene			20.0	19.6		ug/L		98	69 - 129	2	20
Ethylbenzene			20.0	20.2		ug/L		101	67 - 127	0	15
Hexachlorobutadiene			20.0	19.2		ug/L		96	72 - 134	0	30
Isopropylbenzene			20.0	20.8		ug/L		104	69 - 129	1	17
p-Isopropyltoluene			20.0	21.2		ug/L		106	69 - 129	1	18
2-Hexanone			50.0	48.4		ug/L		97	72 - 132	1	31
Methylene Chloride			20.0	19.4		ug/L		97	67 - 127	2	20
Naphthalene			20.0	22.0		ug/L		110	60 - 144	5	48
N-Propylbenzene			20.0	21.5		ug/L		108	68 - 128	1	26
Styrene			20.0	20.2		ug/L		101	69 - 129	1	15
1,1,1,2-Tetrachloroethane			20.0	20.0		ug/L		100	69 - 129	0	23
4-Methyl-2-pentanone (MIBK)			50.0	46.3		ug/L		93	70 - 130	0	33
1,1,2,2-Tetrachloroethane			20.0	21.9		ug/L		110	68 - 128	3	27
Tetrachloroethene			20.0	19.9		ug/L		99	69 - 129	0	18
Toluene			20.0	20.6		ug/L		103	68 - 128	2	20
1,2,3-Trichlorobenzene			20.0	21.0		ug/L		105	58 - 145	4	45
1,2,4-Trichlorobenzene			20.0	19.9		ug/L		99	66 - 135	0	40
1,1,1-Trichloroethane			20.0	19.6		ug/L		98	69 - 129	1	25
1,1,2-Trichloroethane			20.0	19.8		ug/L		99	69 - 129	1	30
Trichloroethene			20.0	19.3		ug/L		97	69 - 129	2	20
Trichlorofluoromethane			20.0	21.0		ug/L		105	69 - 129	2	41
1,2,3-Trichloropropane			20.0	21.6		ug/L		108	68 - 128	3	22
1,2,4-Trimethylbenzene			20.0	21.3		ug/L		107	68 - 128	1	17
1,3,5-Trimethylbenzene			20.0	21.5		ug/L		107	68 - 128	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.5		ug/L		92	69 - 129	2	40
Vinyl chloride			20.0	20.6		ug/L		103	65 - 125	1	33
m-Xylene & p-Xylene			20.0	20.6		ug/L		103	67 - 127	1	15
o-Xylene			20.0	20.0		ug/L		100	68 - 128	0	18
Vinyl acetate			20.0	20.2		ug/L		101	62 - 140	2	30
Xylenes, Total			40.0	40.6		ug/L		102	68 - 128	1	16
Methyl tert-butyl ether			20.0	19.9		ug/L		99	67 - 127	1	24

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*69 - 129*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 126*
Toluene-d8 (Surr)	*100*		*67 - 127*
Dibromofluoromethane (Surr)	*92*		*68 - 128*

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 320-574629/10
Matrix: Solid
Analysis Batch: 574629

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20		ug/Kg			03/21/22 13:53	1
Benzene	ND		5.0		ug/Kg			03/21/22 13:53	1
Bromobenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
Bromochloromethane	ND		5.0		ug/Kg			03/21/22 13:53	1
Bromodichloromethane	ND		5.0		ug/Kg			03/21/22 13:53	1
Bromoform	ND		5.0		ug/Kg			03/21/22 13:53	1
Bromomethane	ND		5.0		ug/Kg			03/21/22 13:53	1
2-Butanone (MEK)	ND		10		ug/Kg			03/21/22 13:53	1
n-Butylbenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
sec-Butylbenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
tert-Butylbenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
Carbon tetrachloride	ND		5.0		ug/Kg			03/21/22 13:53	1
Carbon disulfide	ND		10		ug/Kg			03/21/22 13:53	1
Chlorobenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
Chloroethane	ND		5.0		ug/Kg			03/21/22 13:53	1
Chloroform	ND		5.0		ug/Kg			03/21/22 13:53	1
Chloromethane	ND		5.0		ug/Kg			03/21/22 13:53	1
2-Chlorotoluene	ND		5.0		ug/Kg			03/21/22 13:53	1
4-Chlorotoluene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			03/21/22 13:53	1
1,2-Dibromoethane (EDB)	ND		10		ug/Kg			03/21/22 13:53	1
Dibromomethane	ND		5.0		ug/Kg			03/21/22 13:53	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
Dibromochloromethane	ND		5.0		ug/Kg			03/21/22 13:53	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			03/21/22 13:53	1
1,1-Dichloroethane	ND		5.0		ug/Kg			03/21/22 13:53	1
1,2-Dichloroethane	ND		5.0		ug/Kg			03/21/22 13:53	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			03/21/22 13:53	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,1-Dichloroethene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,2-Dichloropropane	ND		5.0		ug/Kg			03/21/22 13:53	1
1,3-Dichloropropane	ND		5.0		ug/Kg			03/21/22 13:53	1
2,2-Dichloropropane	ND		5.0		ug/Kg			03/21/22 13:53	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			03/21/22 13:53	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,1-Dichloropropene	ND		5.0		ug/Kg			03/21/22 13:53	1
Ethylbenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
Hexachlorobutadiene	ND		5.0		ug/Kg			03/21/22 13:53	1
Isopropylbenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
p-Isopropyltoluene	ND		5.0		ug/Kg			03/21/22 13:53	1
2-Hexanone	ND		10		ug/Kg			03/21/22 13:53	1
Methylene Chloride	ND		10		ug/Kg			03/21/22 13:53	1
Naphthalene	ND		5.0		ug/Kg			03/21/22 13:53	1
N-Propylbenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
Styrene	ND		5.0		ug/Kg			03/21/22 13:53	1

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 320-574629/10
Matrix: Solid
Analysis Batch: 574629

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			03/21/22 13:53	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/Kg			03/21/22 13:53	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			03/21/22 13:53	1
Tetrachloroethene	ND		5.0		ug/Kg			03/21/22 13:53	1
Toluene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			03/21/22 13:53	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			03/21/22 13:53	1
Trichloroethene	ND		5.0		ug/Kg			03/21/22 13:53	1
Trichlorofluoromethane	ND		5.0		ug/Kg			03/21/22 13:53	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			03/21/22 13:53	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			03/21/22 13:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			03/21/22 13:53	1
Vinyl chloride	ND		5.0		ug/Kg			03/21/22 13:53	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg			03/21/22 13:53	1
o-Xylene	ND		5.0		ug/Kg			03/21/22 13:53	1
Vinyl acetate	ND		10		ug/Kg			03/21/22 13:53	1
Xylenes, Total	ND		5.0		ug/Kg			03/21/22 13:53	1
Methyl tert-butyl ether	ND		10		ug/Kg			03/21/22 13:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*63 - 143*		*03/21/22 13:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 156*		*03/21/22 13:53*	*1*
Toluene-d8 (Surr)	*100*		*63 - 138*		*03/21/22 13:53*	*1*
Dibromofluoromethane (Surr)	*100*		*55 - 129*		*03/21/22 13:53*	*1*

Lab Sample ID: LCS 320-574629/7
Matrix: Solid
Analysis Batch: 574629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	125	135		ug/Kg		108	64 - 128
Benzene	50.0	50.6		ug/Kg		101	78 - 128
Bromobenzene	50.0	49.6		ug/Kg		99	67 - 132
Bromochloromethane	50.0	50.4		ug/Kg		101	80 - 127
Bromodichloromethane	50.0	49.9		ug/Kg		100	80 - 137
Bromoform	50.0	52.0		ug/Kg		104	80 - 136
Bromomethane	50.0	52.7		ug/Kg		105	48 - 164
2-Butanone (MEK)	125	124		ug/Kg		99	71 - 142
n-Butylbenzene	50.0	50.3		ug/Kg		101	68 - 136
sec-Butylbenzene	50.0	50.4		ug/Kg		101	68 - 131
tert-Butylbenzene	50.0	51.1		ug/Kg		102	67 - 131
Carbon tetrachloride	50.0	50.7		ug/Kg		101	62 - 154
Carbon disulfide	50.0	49.4		ug/Kg		99	52 - 145
Chlorobenzene	50.0	50.8		ug/Kg		102	74 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 320-574629/7
Matrix: Solid
Analysis Batch: 574629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	51.5		ug/Kg		103	54 - 148
Chloroform	50.0	50.6		ug/Kg		101	78 - 135
Chloromethane	50.0	52.0		ug/Kg		104	60 - 141
2-Chlorotoluene	50.0	49.1		ug/Kg		98	64 - 127
4-Chlorotoluene	50.0	49.6		ug/Kg		99	67 - 128
1,2-Dibromo-3-Chloropropane	50.0	51.0		ug/Kg		102	75 - 137
1,2-Dibromoethane (EDB)	50.0	52.1		ug/Kg		104	80 - 124
Dibromomethane	50.0	51.2		ug/Kg		102	80 - 129
1,2-Dichlorobenzene	50.0	49.9		ug/Kg		100	68 - 121
1,3-Dichlorobenzene	50.0	50.0		ug/Kg		100	64 - 126
1,4-Dichlorobenzene	50.0	49.8		ug/Kg		100	65 - 124
Dibromochloromethane	50.0	51.2		ug/Kg		102	80 - 133
Dichlorodifluoromethane	50.0	50.7		ug/Kg		101	60 - 130
1,1-Dichloroethane	50.0	50.3		ug/Kg		101	76 - 134
1,2-Dichloroethane	50.0	50.6		ug/Kg		101	66 - 150
cis-1,2-Dichloroethene	50.0	50.9		ug/Kg		102	74 - 131
trans-1,2-Dichloroethene	50.0	50.4		ug/Kg		101	67 - 135
1,1-Dichloroethene	50.0	50.1		ug/Kg		100	66 - 136
1,2-Dichloropropane	50.0	51.4		ug/Kg		103	80 - 129
1,3-Dichloropropane	50.0	52.0		ug/Kg		104	80 - 123
2,2-Dichloropropane	50.0	50.5		ug/Kg		101	69 - 153
cis-1,3-Dichloropropene	50.0	50.5		ug/Kg		101	80 - 134
trans-1,3-Dichloropropene	50.0	51.7		ug/Kg		103	80 - 148
1,1-Dichloropropene	50.0	50.7		ug/Kg		101	76 - 132
Ethylbenzene	50.0	51.0		ug/Kg		102	72 - 125
Hexachlorobutadiene	50.0	49.8		ug/Kg		100	52 - 140
Isopropylbenzene	50.0	51.9		ug/Kg		104	69 - 137
p-Isopropyltoluene	50.0	50.4		ug/Kg		101	64 - 137
2-Hexanone	125	124		ug/Kg		99	78 - 143
Methylene Chloride	50.0	50.5		ug/Kg		101	77 - 125
Naphthalene	50.0	53.0		ug/Kg		106	53 - 140
N-Propylbenzene	50.0	50.1		ug/Kg		100	63 - 128
Styrene	50.0	51.6		ug/Kg		103	79 - 128
1,1,1,2-Tetrachloroethane	50.0	52.3		ug/Kg		105	77 - 134
4-Methyl-2-pentanone (MIBK)	125	120		ug/Kg		96	79 - 150
1,1,2,2-Tetrachloroethane	50.0	52.6		ug/Kg		105	71 - 134
Tetrachloroethene	50.0	51.6		ug/Kg		103	65 - 135
Toluene	50.0	51.2		ug/Kg		102	80 - 124
1,2,3-Trichlorobenzene	50.0	50.8		ug/Kg		102	54 - 140
1,2,4-Trichlorobenzene	50.0	50.8		ug/Kg		102	48 - 145
1,1,1-Trichloroethane	50.0	50.0		ug/Kg		100	67 - 150
1,1,2-Trichloroethane	50.0	51.8		ug/Kg		104	80 - 128
Trichloroethene	50.0	51.1		ug/Kg		102	80 - 126
Trichlorofluoromethane	50.0	50.5		ug/Kg		101	43 - 158
1,2,3-Trichloropropane	50.0	51.9		ug/Kg		104	71 - 132
1,2,4-Trimethylbenzene	50.0	50.2		ug/Kg		100	64 - 137
1,3,5-Trimethylbenzene	50.0	50.8		ug/Kg		102	66 - 135

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 320-574629/7
Matrix: Solid
Analysis Batch: 574629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	50.2		ug/Kg		100	62 - 138		
Vinyl chloride			50.0	50.9		ug/Kg		102	67 - 127		
m-Xylene & p-Xylene			50.0	51.1		ug/Kg		102	73 - 128		
o-Xylene			50.0	51.3		ug/Kg		103	76 - 127		
Vinyl acetate			50.0	51.5		ug/Kg		103	39 - 160		
Xylenes, Total			100	102		ug/Kg		102	75 - 122		
Methyl tert-butyl ether			50.0	50.3		ug/Kg		101	66 - 146		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*63 - 143*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 156*
Toluene-d8 (Surr)	*101*		*63 - 138*
Dibromofluoromethane (Surr)	*101*		*55 - 129*

Lab Sample ID: LCSD 320-574629/8
Matrix: Solid
Analysis Batch: 574629

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			125	137		ug/Kg		110	64 - 128	2	36
Benzene			50.0	49.9		ug/Kg		100	78 - 128	1	37
Bromobenzene			50.0	48.9		ug/Kg		98	67 - 132	1	40
Bromochloromethane			50.0	49.4		ug/Kg		99	80 - 127	2	36
Bromodichloromethane			50.0	50.5		ug/Kg		101	80 - 137	1	37
Bromoform			50.0	50.6		ug/Kg		101	80 - 136	3	45
Bromomethane			50.0	50.8		ug/Kg		102	48 - 164	4	38
2-Butanone (MEK)			125	128		ug/Kg		102	71 - 142	3	44
n-Butylbenzene			50.0	44.5		ug/Kg		89	68 - 136	12	37
sec-Butylbenzene			50.0	45.2		ug/Kg		90	68 - 131	11	40
tert-Butylbenzene			50.0	46.4		ug/Kg		93	67 - 131	10	42
Carbon tetrachloride			50.0	48.8		ug/Kg		98	62 - 154	4	43
Carbon disulfide			50.0	46.7		ug/Kg		93	52 - 145	6	46
Chlorobenzene			50.0	49.1		ug/Kg		98	74 - 125	3	38
Chloroethane			50.0	49.6		ug/Kg		99	54 - 148	4	34
Chloroform			50.0	50.0		ug/Kg		100	78 - 135	1	23
Chloromethane			50.0	52.0		ug/Kg		104	60 - 141	0	36
2-Chlorotoluene			50.0	47.2		ug/Kg		94	64 - 127	4	41
4-Chlorotoluene			50.0	47.2		ug/Kg		94	67 - 128	5	40
1,2-Dibromo-3-Chloropropane			50.0	49.6		ug/Kg		99	75 - 137	3	48
1,2-Dibromoethane (EDB)			50.0	51.5		ug/Kg		103	80 - 124	1	39
Dibromomethane			50.0	51.2		ug/Kg		102	80 - 129	0	37
1,2-Dichlorobenzene			50.0	47.6		ug/Kg		95	68 - 121	5	28
1,3-Dichlorobenzene			50.0	47.1		ug/Kg		94	64 - 126	6	41
1,4-Dichlorobenzene			50.0	46.9		ug/Kg		94	65 - 124	6	38
Dibromochloromethane			50.0	50.3		ug/Kg		101	80 - 133	2	24
Dichlorodifluoromethane			50.0	47.2		ug/Kg		94	60 - 130	7	46
1,1-Dichloroethane			50.0	49.6		ug/Kg		99	76 - 134	1	24

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 320-574629/8
Matrix: Solid
Analysis Batch: 574629

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane			50.0	50.8		ug/Kg		102	66 - 150	0	36
cis-1,2-Dichloroethene			50.0	50.2		ug/Kg		100	74 - 131	1	37
trans-1,2-Dichloroethene			50.0	49.0		ug/Kg		98	67 - 135	3	37
1,1-Dichloroethene			50.0	49.5		ug/Kg		99	66 - 136	1	42
1,2-Dichloropropane			50.0	51.3		ug/Kg		103	80 - 129	0	38
1,3-Dichloropropane			50.0	51.8		ug/Kg		104	80 - 123	0	39
2,2-Dichloropropane			50.0	51.1		ug/Kg		102	69 - 153	1	47
cis-1,3-Dichloropropene			50.0	51.3		ug/Kg		103	80 - 134	2	39
trans-1,3-Dichloropropene			50.0	53.6		ug/Kg		107	80 - 148	4	42
1,1-Dichloropropene			50.0	48.4		ug/Kg		97	76 - 132	5	38
Ethylbenzene			50.0	48.3		ug/Kg		97	72 - 125	6	41
Hexachlorobutadiene			50.0	42.2		ug/Kg		84	52 - 140	16	38
Isopropylbenzene			50.0	47.2		ug/Kg		94	69 - 137	9	41
p-Isopropyltoluene			50.0	44.9		ug/Kg		90	64 - 137	12	40
2-Hexanone			125	131		ug/Kg		105	78 - 143	5	73
Methylene Chloride			50.0	50.6		ug/Kg		101	77 - 125	0	25
Naphthalene			50.0	49.3		ug/Kg		99	53 - 140	7	46
N-Propylbenzene			50.0	46.1		ug/Kg		92	63 - 128	8	42
Styrene			50.0	49.7		ug/Kg		99	79 - 128	4	40
1,1,1,2-Tetrachloroethane			50.0	50.4		ug/Kg		101	77 - 134	4	25
4-Methyl-2-pentanone (MIBK)			125	124		ug/Kg		99	79 - 150	3	48
1,1,2,2-Tetrachloroethane			50.0	51.6		ug/Kg		103	71 - 134	2	31
Tetrachloroethene			50.0	47.3		ug/Kg		95	65 - 135	9	39
Toluene			50.0	49.3		ug/Kg		99	80 - 124	4	39
1,2,3-Trichlorobenzene			50.0	42.7		ug/Kg		85	54 - 140	17	42
1,2,4-Trichlorobenzene			50.0	44.6		ug/Kg		89	48 - 145	13	39
1,1,1-Trichloroethane			50.0	49.5		ug/Kg		99	67 - 150	1	43
1,1,2-Trichloroethane			50.0	51.5		ug/Kg		103	80 - 128	1	41
Trichloroethene			50.0	49.0		ug/Kg		98	80 - 126	4	40
Trichlorofluoromethane			50.0	47.9		ug/Kg		96	43 - 158	5	32
1,2,3-Trichloropropane			50.0	49.6		ug/Kg		99	71 - 132	5	41
1,2,4-Trimethylbenzene			50.0	46.5		ug/Kg		93	64 - 137	8	41
1,3,5-Trimethylbenzene			50.0	46.7		ug/Kg		93	66 - 135	8	42
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	47.4		ug/Kg		95	62 - 138	6	22
Vinyl chloride			50.0	49.0		ug/Kg		98	67 - 127	4	37
m-Xylene & p-Xylene			50.0	47.9		ug/Kg		96	73 - 128	6	40
o-Xylene			50.0	48.7		ug/Kg		97	76 - 127	5	40
Vinyl acetate			50.0	51.5		ug/Kg		103	39 - 160	0	50
Xylenes, Total			100	96.6		ug/Kg		97	75 - 122	6	15
Methyl tert-butyl ether			50.0	50.5		ug/Kg		101	66 - 146	0	45

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*63 - 143*
1,2-Dichloroethane-d4 (Surr)	*98*		*32 - 156*
Toluene-d8 (Surr)	*104*		*63 - 138*
Dibromofluoromethane (Surr)	*101*		*55 - 129*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 320-573664/1-A
Matrix: Solid
Analysis Batch: 575443

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573664

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		5.0		mg/Kg		03/17/22 11:15	03/24/22 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*59 - 120*	*03/17/22 11:15*	*03/24/22 14:41*	*1*

Lab Sample ID: LCS 320-573664/4-A
Matrix: Solid
Analysis Batch: 575443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573664

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C4-C12			50.0	53.1		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*59 - 120*

Lab Sample ID: LCSD 320-573664/5-A
Matrix: Solid
Analysis Batch: 575443

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 573664

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C4-C12			50.0	51.8		mg/Kg		104	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*59 - 120*

Lab Sample ID: MB 320-574384/10
Matrix: Solid
Analysis Batch: 574384

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50		mg/Kg			03/20/22 12:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 131*		*03/20/22 12:32*	*1*

Lab Sample ID: LCS 320-574384/5
Matrix: Solid
Analysis Batch: 574384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C4-C12			1.00	1.01		mg/Kg		101	79 - 123		

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 320-574384/5
Matrix: Solid
Analysis Batch: 574384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 131

Lab Sample ID: LCSD 320-574384/6
Matrix: Solid
Analysis Batch: 574384

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C4-C12			1.00	1.09		mg/Kg		109	79 - 123	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 131

Lab Sample ID: MB 320-574605/11
Matrix: Water
Analysis Batch: 574605

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		50		ug/L			03/21/22 14:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		73 - 115		03/21/22 14:05	1

Lab Sample ID: LCS 320-574605/8
Matrix: Water
Analysis Batch: 574605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C4-C12			1000	1050		ug/L		105	78 - 118		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		73 - 115

Lab Sample ID: LCSD 320-574605/9
Matrix: Water
Analysis Batch: 574605

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C4-C12			1000	1060		ug/L		106	78 - 118	1	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		73 - 115

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 320-574630/10
Matrix: Solid
Analysis Batch: 574630

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50		mg/Kg			03/21/22 13:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 131*		*03/21/22 13:53*	*1*

Lab Sample ID: LCS 320-574630/5
Matrix: Solid
Analysis Batch: 574630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C4-C12			1.00	0.883		mg/Kg		88	79 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 131*

Lab Sample ID: LCSD 320-574630/6
Matrix: Solid
Analysis Batch: 574630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C4-C12			1.00	0.902		mg/Kg		90	79 - 123	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 131*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 320-574065/1-A
Matrix: Water
Analysis Batch: 574865

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 574065

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		03/18/22 12:45	03/23/22 23:26	1
Motor Oil Range Organics [C28-C40]	ND		500		ug/L		03/18/22 12:45	03/23/22 23:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*56 - 145*	*03/18/22 12:45*	*03/23/22 23:26*	*1*

Lab Sample ID: LCS 320-574065/2-A
Matrix: Water
Analysis Batch: 574865

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 574065

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			300	226		ug/L		75	53 - 123		

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	68		56 - 145

Lab Sample ID: MB 320-575209/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Silica Gel Cleanup**
Analysis Batch: 576732 — **Prep Batch: 575209**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		03/23/22 11:19	03/30/22 14:03	1
Motor Oil Range Organics [C28-C40]	ND		5.0		mg/Kg		03/23/22 11:19	03/30/22 14:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	68		51 - 111	03/23/22 11:19	03/30/22 14:03	1

Lab Sample ID: LCS 320-575209/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Silica Gel Cleanup**
Analysis Batch: 576732 — **Prep Batch: 575209**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			10.0	8.01		mg/Kg		80	57 - 132		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	68		51 - 111

Lab Sample ID: 320-85798-1 MS — **Client Sample ID: HA-6-S-2.5**
Matrix: Solid — **Prep Type: Silica Gel Cleanup**
Analysis Batch: 576732 — **Prep Batch: 575209**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	28	F1	9.91	26.6	F1	mg/Kg		-13	57 - 132		

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl (Surr)	63		51 - 111

Lab Sample ID: 320-85798-1 MSD — **Client Sample ID: HA-6-S-2.5**
Matrix: Solid — **Prep Type: Silica Gel Cleanup**
Analysis Batch: 576732 — **Prep Batch: 575209**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	28	F1	9.82	35.2		mg/Kg		74	57 - 132	28	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	61		51 - 111

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 320-574722/1-A
Matrix: Solid
Analysis Batch: 575058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 574722

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Arsenic	ND		2.0		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Barium	ND		1.0		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Beryllium	ND		0.20		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Cadmium	ND		0.20		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Cobalt	ND		0.50		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Chromium	ND		0.50		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Copper	ND		1.5		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Molybdenum	ND		2.0		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Nickel	ND		1.0		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Lead	ND		1.0		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Selenium	ND		2.0		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Antimony	ND		2.0		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Thallium	ND		2.0		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Vanadium	ND		0.50		mg/Kg		03/21/22 15:30	03/22/22 10:57	1
Zinc	ND		2.0		mg/Kg		03/21/22 15:30	03/22/22 10:57	1

Lab Sample ID: LCS 320-574722/2-A
Matrix: Solid
Analysis Batch: 575058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 574722

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver			5.05	4.62		mg/Kg		92	80 - 120		
Arsenic			50.0	44.9		mg/Kg		90	80 - 120		
Barium			50.0	45.8		mg/Kg		92	80 - 120		
Beryllium			25.0	23.5		mg/Kg		94	80 - 120		
Cadmium			25.0	23.6		mg/Kg		94	80 - 120		
Cobalt			25.0	23.2		mg/Kg		93	80 - 120		
Chromium			25.0	23.4		mg/Kg		94	80 - 120		
Copper			25.0	22.9		mg/Kg		92	80 - 120		
Molybdenum			24.9	23.0		mg/Kg		92	80 - 120		
Nickel			25.0	23.7		mg/Kg		95	80 - 120		
Lead			25.0	23.3		mg/Kg		93	80 - 120		
Selenium			50.0	41.9		mg/Kg		84	80 - 120		
Antimony			50.0	47.1		mg/Kg		94	80 - 120		
Thallium			50.0	47.4		mg/Kg		95	80 - 120		
Vanadium			25.0	22.9		mg/Kg		92	80 - 120		
Zinc			50.0	46.2		mg/Kg		92	80 - 120		

Lab Sample ID: 320-85798-1 MS
Matrix: Solid
Analysis Batch: 575058

Client Sample ID: HA-6-S-2.5
Prep Type: Total/NA
Prep Batch: 574722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver	ND		4.90	4.48		mg/Kg		91	80 - 120		
Arsenic	8.3		48.5	48.9		mg/Kg		84	80 - 120		
Barium	46	F1	48.5	108	F1	mg/Kg		128	80 - 120		
Beryllium	0.56		24.3	22.5		mg/Kg		90	80 - 120		

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 320-85798-1 MS
Matrix: Solid
Analysis Batch: 575058

Client Sample ID: HA-6-S-2.5
Prep Type: Total/NA
Prep Batch: 574722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	ND		24.3	21.9		mg/Kg		90	80 - 120
Cobalt	8.4		24.3	29.1		mg/Kg		86	80 - 120
Chromium	51	F1	24.3	68.0	F1	mg/Kg		70	80 - 120
Copper	17	F1	24.3	37.5		mg/Kg		83	80 - 120
Molybdenum	ND		24.1	21.4		mg/Kg		89	80 - 120
Nickel	48	F1	24.3	64.2	F1	mg/Kg		66	80 - 120
Lead	10		24.3	30.5		mg/Kg		83	80 - 120
Selenium	2.0		48.5	41.2		mg/Kg		81	80 - 120
Antimony	9.8	F1	48.5	33.1	F1	mg/Kg		48	80 - 120
Thallium	ND		48.5	43.1		mg/Kg		89	80 - 120
Vanadium	27		24.3	51.9		mg/Kg		103	80 - 120
Zinc	38		48.5	79.5		mg/Kg		86	80 - 120

Lab Sample ID: 320-85798-1 MSD
Matrix: Solid
Analysis Batch: 575058

Client Sample ID: HA-6-S-2.5
Prep Type: Total/NA
Prep Batch: 574722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND		4.90	4.53		mg/Kg		92	80 - 120	1	35
Arsenic	8.3		48.5	48.7		mg/Kg		83	80 - 120	0	35
Barium	46	F1	48.5	90.7		mg/Kg		93	80 - 120	17	35
Beryllium	0.56		24.3	22.6		mg/Kg		91	80 - 120	0	35
Cadmium	ND		24.3	22.0		mg/Kg		90	80 - 120	1	35
Cobalt	8.4		24.3	27.9		mg/Kg		81	80 - 120	4	35
Chromium	51	F1	24.3	61.2	F1	mg/Kg		42	80 - 120	10	35
Copper	17	F1	24.3	36.4	F1	mg/Kg		79	80 - 120	3	35
Molybdenum	ND		24.1	21.3		mg/Kg		88	80 - 120	1	35
Nickel	48	F1	24.3	56.0	F1	mg/Kg		32	80 - 120	14	35
Lead	10		24.3	30.4		mg/Kg		83	80 - 120	0	35
Selenium	2.0		48.5	41.8		mg/Kg		82	80 - 120	1	35
Antimony	9.8	F1	48.5	33.5	F1	mg/Kg		49	80 - 120	1	35
Thallium	ND		48.5	43.5		mg/Kg		90	80 - 120	1	35
Vanadium	27		24.3	49.9		mg/Kg		95	80 - 120	4	35
Zinc	38		48.5	79.4		mg/Kg		86	80 - 120	0	35

Lab Sample ID: MB 320-575028/1-A
Matrix: Solid
Analysis Batch: 575402

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 575028

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Arsenic	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Barium	ND		1.0		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Beryllium	ND		0.20		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Cadmium	ND		0.20		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Cobalt	ND		0.50		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Chromium	ND		0.50		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Copper	ND		1.5		mg/Kg		03/22/22 15:39	03/23/22 14:50	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 320-575028/1-A
Matrix: Solid
Analysis Batch: 575402

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 575028

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Nickel	ND		1.0		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Lead	ND		1.0		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Selenium	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Antimony	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Thallium	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Vanadium	ND		0.50		mg/Kg		03/22/22 15:39	03/23/22 14:50	1
Zinc	ND		2.0		mg/Kg		03/22/22 15:39	03/23/22 14:50	1

Lab Sample ID: LCS 320-575028/2-A
Matrix: Solid
Analysis Batch: 575402

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 575028

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver			5.05	4.18		mg/Kg		83	80 - 120		
Arsenic			50.0	43.9		mg/Kg		88	80 - 120		
Barium			50.0	45.1		mg/Kg		90	80 - 120		
Beryllium			25.0	23.3		mg/Kg		93	80 - 120		
Cadmium			25.0	23.0		mg/Kg		92	80 - 120		
Cobalt			25.0	23.2		mg/Kg		93	80 - 120		
Chromium			25.0	22.8		mg/Kg		91	80 - 120		
Copper			25.0	21.7		mg/Kg		87	80 - 120		
Molybdenum			24.9	22.7		mg/Kg		91	80 - 120		
Nickel			25.0	23.1		mg/Kg		92	80 - 120		
Lead			25.0	23.4		mg/Kg		94	80 - 120		
Selenium			50.0	41.7		mg/Kg		83	80 - 120		
Antimony			50.0	45.4		mg/Kg		91	80 - 120		
Thallium			50.0	47.0		mg/Kg		94	80 - 120		
Vanadium			25.0	22.6		mg/Kg		90	80 - 120		
Zinc			50.0	45.0		mg/Kg		90	80 - 120		

Lab Sample ID: LCSD 320-575028/3-A
Matrix: Solid
Analysis Batch: 575402

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 575028

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver			5.05	4.20		mg/Kg		83	80 - 120	0	35
Arsenic			50.0	43.9		mg/Kg		88	80 - 120	0	35
Barium			50.0	44.8		mg/Kg		90	80 - 120	1	35
Beryllium			25.0	23.2		mg/Kg		93	80 - 120	0	35
Cadmium			25.0	22.8		mg/Kg		91	80 - 120	1	35
Cobalt			25.0	23.2		mg/Kg		93	80 - 120	0	35
Chromium			25.0	22.9		mg/Kg		92	80 - 120	0	35
Copper			25.0	21.7		mg/Kg		87	80 - 120	0	35
Molybdenum			24.9	22.8		mg/Kg		92	80 - 120	0	35
Nickel			25.0	23.1		mg/Kg		93	80 - 120	0	35
Lead			25.0	23.4		mg/Kg		93	80 - 120	0	35
Selenium			50.0	41.4		mg/Kg		83	80 - 120	1	35

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 320-575028/3-A
Matrix: Solid
Analysis Batch: 575402

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 575028

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony			50.0	45.2		mg/Kg		90	80 - 120	0	35
Thallium			50.0	46.5		mg/Kg		93	80 - 120	1	35
Vanadium			25.0	22.5		mg/Kg		90	80 - 120	1	35
Zinc			50.0	45.5		mg/Kg		91	80 - 120	1	35

Lab Sample ID: LCS 320-575368/2-A
Matrix: Water
Analysis Batch: 575718

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 575368

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver			0.0505	0.0459		mg/L		91	80 - 120		
Arsenic			0.500	0.486		mg/L		97	80 - 120		
Barium			0.500	0.483		mg/L		97	80 - 120		
Beryllium			0.250	0.250		mg/L		100	80 - 120		
Cadmium			0.250	0.241		mg/L		96	80 - 120		
Cobalt			0.250	0.243		mg/L		97	80 - 120		
Chromium			0.250	0.234		mg/L		93	80 - 120		
Copper			0.250	0.242		mg/L		97	80 - 120		
Molybdenum			0.249	0.243		mg/L		98	80 - 120		
Nickel			0.250	0.245		mg/L		98	80 - 120		
Lead			0.250	0.246		mg/L		98	80 - 120		
Selenium			0.500	0.475		mg/L		95	80 - 120		
Antimony			0.500	0.517		mg/L		104	80 - 120		
Thallium			0.500	0.511		mg/L		102	80 - 120		
Vanadium			0.250	0.236		mg/L		94	80 - 120		
Zinc			0.499	0.453		mg/L		91	80 - 120		

Lab Sample ID: MB 320-574770/1-B
Matrix: Water
Analysis Batch: 575718

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 575368

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:00	1
Arsenic	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:00	1
Barium	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:00	1
Beryllium	ND		0.0020		mg/L		03/23/22 16:22	03/24/22 10:00	1
Cadmium	ND		0.0020		mg/L		03/23/22 16:22	03/24/22 10:00	1
Cobalt	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:00	1
Chromium	ND		0.0080		mg/L		03/23/22 16:22	03/24/22 10:00	1
Copper	ND		0.010		mg/L		03/23/22 16:22	03/24/22 10:00	1
Molybdenum	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:00	1
Nickel	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:00	1
Lead	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:00	1
Selenium	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:00	1
Antimony	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:00	1
Thallium	ND		0.020		mg/L		03/23/22 16:22	03/24/22 10:00	1
Vanadium	ND		0.0050		mg/L		03/23/22 16:22	03/24/22 10:00	1
Zinc	ND		0.010		mg/L		03/23/22 16:22	03/24/22 10:00	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 320-85798-16 MS
Matrix: Water
Analysis Batch: 575718

Client Sample ID: HA-12-GW
Prep Type: Dissolved
Prep Batch: 575368

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	ND		0.0505	0.0456		mg/L		90	80 - 120
Arsenic	ND		0.500	0.483		mg/L		97	80 - 120
Barium	ND		0.500	0.481		mg/L		96	80 - 120
Beryllium	ND		0.250	0.250		mg/L		100	80 - 120
Cadmium	ND		0.250	0.242		mg/L		97	80 - 120
Cobalt	ND		0.250	0.244		mg/L		97	80 - 120
Chromium	ND		0.250	0.237		mg/L		95	80 - 120
Copper	ND		0.250	0.239		mg/L		95	80 - 120
Molybdenum	ND		0.249	0.243		mg/L		98	80 - 120
Nickel	ND		0.250	0.245		mg/L		98	80 - 120
Lead	ND		0.250	0.246		mg/L		98	80 - 120
Selenium	ND		0.500	0.469		mg/L		94	80 - 120
Antimony	ND		0.500	0.509		mg/L		102	80 - 120
Thallium	ND		0.500	0.506		mg/L		101	80 - 120
Vanadium	ND		0.250	0.237		mg/L		95	80 - 120
Zinc	ND		0.499	0.464		mg/L		93	80 - 120

Lab Sample ID: 320-85798-16 MSD
Matrix: Water
Analysis Batch: 575718

Client Sample ID: HA-12-GW
Prep Type: Dissolved
Prep Batch: 575368

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND		0.0505	0.0460		mg/L		91	80 - 120	1	20
Arsenic	ND		0.500	0.489		mg/L		98	80 - 120	1	20
Barium	ND		0.500	0.483		mg/L		97	80 - 120	0	20
Beryllium	ND		0.250	0.252		mg/L		101	80 - 120	1	20
Cadmium	ND		0.250	0.241		mg/L		97	80 - 120	0	20
Cobalt	ND		0.250	0.243		mg/L		97	80 - 120	0	20
Chromium	ND		0.250	0.236		mg/L		95	80 - 120	0	20
Copper	ND		0.250	0.245		mg/L		98	80 - 120	3	20
Molybdenum	ND		0.249	0.245		mg/L		98	80 - 120	1	20
Nickel	ND		0.250	0.246		mg/L		99	80 - 120	1	20
Lead	ND		0.250	0.248		mg/L		99	80 - 120	1	20
Selenium	ND		0.500	0.483		mg/L		97	80 - 120	3	20
Antimony	ND		0.500	0.521		mg/L		104	80 - 120	2	20
Thallium	ND		0.500	0.515		mg/L		103	80 - 120	2	20
Vanadium	ND		0.250	0.235		mg/L		94	80 - 120	1	20
Zinc	ND		0.499	0.456		mg/L		91	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 320-576459/11-A
Matrix: Water
Analysis Batch: 576825

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576459

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		03/29/22 12:25	03/30/22 14:56	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 320-576459/12-A
Matrix: Water
Analysis Batch: 576825

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 576459

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00100	0.00102		mg/L		102	82 - 113		

Lab Sample ID: LCSD 320-576459/13-A
Matrix: Water
Analysis Batch: 576825

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 576459

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00100	0.00103		mg/L		103	82 - 113	1	17

Lab Sample ID: MB 320-574770/1-C
Matrix: Water
Analysis Batch: 576769

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 576459

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		03/29/22 12:25	03/29/22 19:52	1

Lab Sample ID: 320-85798-16 MS
Matrix: Water
Analysis Batch: 576769

Client Sample ID: HA-12-GW
Prep Type: Dissolved
Prep Batch: 576459

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		0.00100	0.00107		mg/L		107	82 - 113		

Lab Sample ID: 320-85798-16 MSD
Matrix: Water
Analysis Batch: 576769

Client Sample ID: HA-12-GW
Prep Type: Dissolved
Prep Batch: 576459

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.00101		mg/L		101	82 - 113	6	17

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 320-575146/11-A
Matrix: Solid
Analysis Batch: 575706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 575146

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.040		mg/Kg		03/23/22 14:38	03/25/22 02:32	1

Lab Sample ID: LCS 320-575146/12-A
Matrix: Solid
Analysis Batch: 575706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 575146

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.159		mg/Kg		95	86 - 114		

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 320-575146/13-A
Matrix: Solid
Analysis Batch: 575706

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 575146

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.167	0.163		mg/Kg		98	86 - 114	3	17

Lab Sample ID: 320-85798-1 MS
Matrix: Solid
Analysis Batch: 575706

Client Sample ID: HA-6-S-2.5
Prep Type: Total/NA
Prep Batch: 575146

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		0.161	0.189		mg/Kg		103	86 - 114		

Lab Sample ID: 320-85798-1 MSD
Matrix: Solid
Analysis Batch: 575706

Client Sample ID: HA-6-S-2.5
Prep Type: Total/NA
Prep Batch: 575146

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.169	0.204		mg/Kg		107	86 - 114	7	17

Lab Sample ID: MB 320-575887/11-A
Matrix: Solid
Analysis Batch: 575969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 575887

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.040		mg/Kg		03/25/22 17:29	03/26/22 12:43	1

Lab Sample ID: LCS 320-575887/12-A
Matrix: Solid
Analysis Batch: 575969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 575887

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.167		mg/Kg		100	86 - 114		

Lab Sample ID: LCSD 320-575887/13-A
Matrix: Solid
Analysis Batch: 575969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 575887

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.167	0.171		mg/Kg		103	86 - 114	2	17

GC/MS VOA

Prep Batch: 573663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	5035	
320-85798-2	HA-7-S-5.5	Total/NA	Solid	5035	
320-85798-3	HA-8-S-3.5	Total/NA	Solid	5035	
320-85798-4	HA-9-S-5.0	Total/NA	Solid	5035	
320-85798-5	HA-10-S-3.5	Total/NA	Solid	5035	
320-85798-6	HA-11-S-5.5	Total/NA	Solid	5035	
320-85798-8	HA-12-S-2.5	Total/NA	Solid	5035	
320-85798-9	HA-13-S-4.5	Total/NA	Solid	5035	
320-85798-10	HA-15-S-4.0	Total/NA	Solid	5035	
320-85798-11	HA-16-S-10	Total/NA	Solid	5035	
320-85798-12	HA-17-S-8.0	Total/NA	Solid	5035	

Prep Batch: 573664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-7 - RADL	HA-12-S-3.75	Total/NA	Solid	5035	
320-85798-7	HA-12-S-3.75	Total/NA	Solid	5035	
320-85798-7 - DL	HA-12-S-3.75	Total/NA	Solid	5035	
MB 320-573664/1-A	Method Blank	Total/NA	Solid	5035	
LCS 320-573664/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 320-573664/4-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 320-573664/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	
LCSD 320-573664/5-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 574383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-2	HA-7-S-5.5	Total/NA	Solid	8260B	573663
320-85798-3	HA-8-S-3.5	Total/NA	Solid	8260B	573663
320-85798-4	HA-9-S-5.0	Total/NA	Solid	8260B	573663
320-85798-6	HA-11-S-5.5	Total/NA	Solid	8260B	573663
320-85798-8	HA-12-S-2.5	Total/NA	Solid	8260B	573663
320-85798-9	HA-13-S-4.5	Total/NA	Solid	8260B	573663
320-85798-10	HA-15-S-4.0	Total/NA	Solid	8260B	573663
320-85798-11	HA-16-S-10	Total/NA	Solid	8260B	573663
320-85798-12	HA-17-S-8.0	Total/NA	Solid	8260B	573663
MB 320-574383/10	Method Blank	Total/NA	Solid	8260B	
LCS 320-574383/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 320-574383/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 574384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-2	HA-7-S-5.5	Total/NA	Solid	8260B/CA_LUFT MS	573663
320-85798-3	HA-8-S-3.5	Total/NA	Solid	8260B/CA_LUFT MS	573663
320-85798-4	HA-9-S-5.0	Total/NA	Solid	8260B/CA_LUFT MS	573663
320-85798-6	HA-11-S-5.5	Total/NA	Solid	8260B/CA_LUFT MS	573663
320-85798-8	HA-12-S-2.5	Total/NA	Solid	8260B/CA_LUFT MS	573663
320-85798-9	HA-13-S-4.5	Total/NA	Solid	8260B/CA_LUFT MS	573663

GC/MS VOA (Continued)

Analysis Batch: 574384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-10	HA-15-S-4.0	Total/NA	Solid	8260B/CA_LUFT MS	573663
320-85798-11	HA-16-S-10	Total/NA	Solid	8260B/CA_LUFT MS	573663
320-85798-12	HA-17-S-8.0	Total/NA	Solid	8260B/CA_LUFT MS	573663
MB 320-574384/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-574384/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-574384/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 574605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-13	HA-6-GW	Total/NA	Water	8260B/CA_LUFT MS	
320-85798-14	HA-7-GW	Total/NA	Water	8260B/CA_LUFT MS	
320-85798-15	HA-11-GW	Total/NA	Water	8260B/CA_LUFT MS	
320-85798-16	HA-12-GW	Total/NA	Water	8260B/CA_LUFT MS	
320-85798-17	HA-17-GW	Total/NA	Water	8260B/CA_LUFT MS	
320-85798-18	HA-16-GW	Total/NA	Water	8260B/CA_LUFT MS	
MB 320-574605/11	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	
LCS 320-574605/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 320-574605/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 574607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-13	HA-6-GW	Total/NA	Water	8260B	
320-85798-14	HA-7-GW	Total/NA	Water	8260B	
320-85798-15	HA-11-GW	Total/NA	Water	8260B	
320-85798-16	HA-12-GW	Total/NA	Water	8260B	
320-85798-17	HA-17-GW	Total/NA	Water	8260B	
320-85798-18	HA-16-GW	Total/NA	Water	8260B	
MB 320-574607/11	Method Blank	Total/NA	Water	8260B	
LCS 320-574607/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-574607/7	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 574629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	8260B	573663
320-85798-5	HA-10-S-3.5	Total/NA	Solid	8260B	573663
MB 320-574629/10	Method Blank	Total/NA	Solid	8260B	
LCS 320-574629/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 320-574629/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS VOA

Analysis Batch: 574630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	8260B/CA_LUFT MS	573663
320-85798-5	HA-10-S-3.5	Total/NA	Solid	8260B/CA_LUFT MS	573663
MB 320-574630/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-574630/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-574630/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 575443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-573664/1-A	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	573664
LCS 320-573664/4-A	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	573664
LCSD 320-573664/5-A	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	573664

Analysis Batch: 575445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-7	HA-12-S-3.75	Total/NA	Solid	8260B	573664
MB 320-573664/1-A	Method Blank	Total/NA	Solid	8260B	573664
LCS 320-573664/2-A	Lab Control Sample	Total/NA	Solid	8260B	573664
LCSD 320-573664/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	573664

Analysis Batch: 576132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-7	HA-12-S-3.75	Total/NA	Solid	8260B/CA_LUFT MS	573664

Analysis Batch: 576134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-7 - DL	HA-12-S-3.75	Total/NA	Solid	8260B	573664

Analysis Batch: 576394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-7 - RADL	HA-12-S-3.75	Total/NA	Solid	8260B	573664

GC Semi VOA

Prep Batch: 574065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-13	HA-6-GW	Silica Gel Cleanup	Water	3510C SGC	
320-85798-14	HA-7-GW	Silica Gel Cleanup	Water	3510C SGC	
320-85798-15	HA-11-GW	Silica Gel Cleanup	Water	3510C SGC	
320-85798-16	HA-12-GW	Silica Gel Cleanup	Water	3510C SGC	
320-85798-17	HA-17-GW	Silica Gel Cleanup	Water	3510C SGC	
MB 320-574065/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	
LCS 320-574065/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

GC Semi VOA

Analysis Batch: 574865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-13	HA-6-GW	Silica Gel Cleanup	Water	8015B	574065
320-85798-14	HA-7-GW	Silica Gel Cleanup	Water	8015B	574065
320-85798-15	HA-11-GW	Silica Gel Cleanup	Water	8015B	574065
320-85798-16	HA-12-GW	Silica Gel Cleanup	Water	8015B	574065
320-85798-17	HA-17-GW	Silica Gel Cleanup	Water	8015B	574065
MB 320-574065/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	574065
LCS 320-574065/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	574065

Prep Batch: 575209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Silica Gel Cleanup	Solid	3550B	
320-85798-2	HA-7-S-5.5	Silica Gel Cleanup	Solid	3550B	
320-85798-3	HA-8-S-3.5	Silica Gel Cleanup	Solid	3550B	
320-85798-4	HA-9-S-5.0	Silica Gel Cleanup	Solid	3550B	
320-85798-5	HA-10-S-3.5	Silica Gel Cleanup	Solid	3550B	
320-85798-6	HA-11-S-5.5	Silica Gel Cleanup	Solid	3550B	
320-85798-7	HA-12-S-3.75	Silica Gel Cleanup	Solid	3550B	
320-85798-8	HA-12-S-2.5	Silica Gel Cleanup	Solid	3550B	
320-85798-9	HA-13-S-4.5	Silica Gel Cleanup	Solid	3550B	
320-85798-10	HA-15-S-4.0	Silica Gel Cleanup	Solid	3550B	
320-85798-11	HA-16-S-10	Silica Gel Cleanup	Solid	3550B	
320-85798-12	HA-17-S-8.0	Silica Gel Cleanup	Solid	3550B	
MB 320-575209/1-A	Method Blank	Silica Gel Cleanup	Solid	3550B	
LCS 320-575209/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3550B	
320-85798-1 MS	HA-6-S-2.5	Silica Gel Cleanup	Solid	3550B	
320-85798-1 MSD	HA-6-S-2.5	Silica Gel Cleanup	Solid	3550B	

Analysis Batch: 576732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Silica Gel Cleanup	Solid	8015B	575209
320-85798-2	HA-7-S-5.5	Silica Gel Cleanup	Solid	8015B	575209
320-85798-3	HA-8-S-3.5	Silica Gel Cleanup	Solid	8015B	575209
320-85798-4	HA-9-S-5.0	Silica Gel Cleanup	Solid	8015B	575209
320-85798-5	HA-10-S-3.5	Silica Gel Cleanup	Solid	8015B	575209
320-85798-6	HA-11-S-5.5	Silica Gel Cleanup	Solid	8015B	575209
320-85798-7	HA-12-S-3.75	Silica Gel Cleanup	Solid	8015B	575209
320-85798-8	HA-12-S-2.5	Silica Gel Cleanup	Solid	8015B	575209
320-85798-9	HA-13-S-4.5	Silica Gel Cleanup	Solid	8015B	575209
320-85798-10	HA-15-S-4.0	Silica Gel Cleanup	Solid	8015B	575209
320-85798-11	HA-16-S-10	Silica Gel Cleanup	Solid	8015B	575209
320-85798-12	HA-17-S-8.0	Silica Gel Cleanup	Solid	8015B	575209
MB 320-575209/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	575209
LCS 320-575209/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	575209
320-85798-1 MS	HA-6-S-2.5	Silica Gel Cleanup	Solid	8015B	575209
320-85798-1 MSD	HA-6-S-2.5	Silica Gel Cleanup	Solid	8015B	575209

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Metals

Prep Batch: 574722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	3050B	
320-85798-2	HA-7-S-5.5	Total/NA	Solid	3050B	
320-85798-3	HA-8-S-3.5	Total/NA	Solid	3050B	
320-85798-4	HA-9-S-5.0	Total/NA	Solid	3050B	
320-85798-5	HA-10-S-3.5	Total/NA	Solid	3050B	
320-85798-6	HA-11-S-5.5	Total/NA	Solid	3050B	
320-85798-7	HA-12-S-3.75	Total/NA	Solid	3050B	
320-85798-8	HA-12-S-2.5	Total/NA	Solid	3050B	
320-85798-9	HA-13-S-4.5	Total/NA	Solid	3050B	
320-85798-10	HA-15-S-4.0	Total/NA	Solid	3050B	
MB 320-574722/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-574722/2-A	Lab Control Sample	Total/NA	Solid	3050B	
320-85798-1 MS	HA-6-S-2.5	Total/NA	Solid	3050B	
320-85798-1 MSD	HA-6-S-2.5	Total/NA	Solid	3050B	

Filtration Batch: 574770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-16	HA-12-GW	Dissolved	Water	Filtration	
MB 320-574770/1-B	Method Blank	Dissolved	Water	Filtration	
MB 320-574770/1-C	Method Blank	Dissolved	Water	Filtration	
320-85798-16 MS	HA-12-GW	Dissolved	Water	Filtration	
320-85798-16 MSD	HA-12-GW	Dissolved	Water	Filtration	

Prep Batch: 575028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-11	HA-16-S-10	Total/NA	Solid	3050B	
320-85798-12	HA-17-S-8.0	Total/NA	Solid	3050B	
MB 320-575028/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-575028/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 320-575028/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 575058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	6010B	574722
320-85798-2	HA-7-S-5.5	Total/NA	Solid	6010B	574722
320-85798-3	HA-8-S-3.5	Total/NA	Solid	6010B	574722
320-85798-4	HA-9-S-5.0	Total/NA	Solid	6010B	574722
320-85798-5	HA-10-S-3.5	Total/NA	Solid	6010B	574722
320-85798-6	HA-11-S-5.5	Total/NA	Solid	6010B	574722
320-85798-7	HA-12-S-3.75	Total/NA	Solid	6010B	574722
320-85798-8	HA-12-S-2.5	Total/NA	Solid	6010B	574722
320-85798-9	HA-13-S-4.5	Total/NA	Solid	6010B	574722
320-85798-10	HA-15-S-4.0	Total/NA	Solid	6010B	574722
MB 320-574722/1-A	Method Blank	Total/NA	Solid	6010B	574722
LCS 320-574722/2-A	Lab Control Sample	Total/NA	Solid	6010B	574722
320-85798-1 MS	HA-6-S-2.5	Total/NA	Solid	6010B	574722
320-85798-1 MSD	HA-6-S-2.5	Total/NA	Solid	6010B	574722

Metals

Prep Batch: 575146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	7471A	
320-85798-2	HA-7-S-5.5	Total/NA	Solid	7471A	
320-85798-3	HA-8-S-3.5	Total/NA	Solid	7471A	
320-85798-4	HA-9-S-5.0	Total/NA	Solid	7471A	
320-85798-5	HA-10-S-3.5	Total/NA	Solid	7471A	
320-85798-6	HA-11-S-5.5	Total/NA	Solid	7471A	
320-85798-7	HA-12-S-3.75	Total/NA	Solid	7471A	
320-85798-8	HA-12-S-2.5	Total/NA	Solid	7471A	
320-85798-9	HA-13-S-4.5	Total/NA	Solid	7471A	
320-85798-10	HA-15-S-4.0	Total/NA	Solid	7471A	
MB 320-575146/11-A	Method Blank	Total/NA	Solid	7471A	
LCS 320-575146/12-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 320-575146/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
320-85798-1 MS	HA-6-S-2.5	Total/NA	Solid	7471A	
320-85798-1 MSD	HA-6-S-2.5	Total/NA	Solid	7471A	

Analysis Batch: 575256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-3	HA-8-S-3.5	Total/NA	Solid	6010B	574722
320-85798-4	HA-9-S-5.0	Total/NA	Solid	6010B	574722
320-85798-6	HA-11-S-5.5	Total/NA	Solid	6010B	574722
320-85798-9	HA-13-S-4.5	Total/NA	Solid	6010B	574722

Prep Batch: 575368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-16	HA-12-GW	Dissolved	Water	3005A	574770
MB 320-574770/1-B	Method Blank	Dissolved	Water	3005A	574770
LCS 320-575368/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
320-85798-16 MS	HA-12-GW	Dissolved	Water	3005A	574770
320-85798-16 MSD	HA-12-GW	Dissolved	Water	3005A	574770

Analysis Batch: 575402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-11	HA-16-S-10	Total/NA	Solid	6010B	575028
320-85798-12	HA-17-S-8.0	Total/NA	Solid	6010B	575028
MB 320-575028/1-A	Method Blank	Total/NA	Solid	6010B	575028
LCS 320-575028/2-A	Lab Control Sample	Total/NA	Solid	6010B	575028
LCSD 320-575028/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	575028

Analysis Batch: 575706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	7471A	575146
320-85798-2	HA-7-S-5.5	Total/NA	Solid	7471A	575146
320-85798-3	HA-8-S-3.5	Total/NA	Solid	7471A	575146
320-85798-4	HA-9-S-5.0	Total/NA	Solid	7471A	575146
320-85798-5	HA-10-S-3.5	Total/NA	Solid	7471A	575146
320-85798-6	HA-11-S-5.5	Total/NA	Solid	7471A	575146
320-85798-7	HA-12-S-3.75	Total/NA	Solid	7471A	575146
320-85798-8	HA-12-S-2.5	Total/NA	Solid	7471A	575146
320-85798-9	HA-13-S-4.5	Total/NA	Solid	7471A	575146

Metals (Continued)

Analysis Batch: 575706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-10	HA-15-S-4.0	Total/NA	Solid	7471A	575146
MB 320-575146/11-A	Method Blank	Total/NA	Solid	7471A	575146
LCS 320-575146/12-A	Lab Control Sample	Total/NA	Solid	7471A	575146
LCSD 320-575146/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	575146
320-85798-1 MS	HA-6-S-2.5	Total/NA	Solid	7471A	575146
320-85798-1 MSD	HA-6-S-2.5	Total/NA	Solid	7471A	575146

Analysis Batch: 575718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-12	HA-17-S-8.0	Total/NA	Solid	6010B	575028
320-85798-16	HA-12-GW	Dissolved	Water	6010B	575368
MB 320-574770/1-B	Method Blank	Dissolved	Water	6010B	575368
LCS 320-575368/2-A	Lab Control Sample	Total Recoverable	Water	6010B	575368
320-85798-16 MS	HA-12-GW	Dissolved	Water	6010B	575368
320-85798-16 MSD	HA-12-GW	Dissolved	Water	6010B	575368

Prep Batch: 575887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-11	HA-16-S-10	Total/NA	Solid	7471A	
320-85798-12	HA-17-S-8.0	Total/NA	Solid	7471A	
MB 320-575887/11-A	Method Blank	Total/NA	Solid	7471A	
LCS 320-575887/12-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 320-575887/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 575969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-11	HA-16-S-10	Total/NA	Solid	7471A	575887
320-85798-12	HA-17-S-8.0	Total/NA	Solid	7471A	575887
MB 320-575887/11-A	Method Blank	Total/NA	Solid	7471A	575887
LCS 320-575887/12-A	Lab Control Sample	Total/NA	Solid	7471A	575887
LCSD 320-575887/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	575887

Prep Batch: 576459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-16	HA-12-GW	Dissolved	Water	7470A	574770
MB 320-574770/1-C	Method Blank	Dissolved	Water	7470A	574770
MB 320-576459/11-A	Method Blank	Total/NA	Water	7470A	
LCS 320-576459/12-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 320-576459/13-A	Lab Control Sample Dup	Total/NA	Water	7470A	
320-85798-16 MS	HA-12-GW	Dissolved	Water	7470A	574770
320-85798-16 MSD	HA-12-GW	Dissolved	Water	7470A	574770

Analysis Batch: 576769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-16	HA-12-GW	Dissolved	Water	7470A	576459
MB 320-574770/1-C	Method Blank	Dissolved	Water	7470A	576459
320-85798-16 MS	HA-12-GW	Dissolved	Water	7470A	576459
320-85798-16 MSD	HA-12-GW	Dissolved	Water	7470A	576459

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Metals

Analysis Batch: 576825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-576459/11-A	Method Blank	Total/NA	Water	7470A	576459
LCS 320-576459/12-A	Lab Control Sample	Total/NA	Water	7470A	576459
LCSD 320-576459/13-A	Lab Control Sample Dup	Total/NA	Water	7470A	576459

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-6-S-2.5

Lab Sample ID: 320-85798-1

Date Collected: 03/14/22 09:20
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.523 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574629	03/21/22 20:53	SS	TAL SAC
Total/NA	Prep	5035			6.523 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574630	03/21/22 20:53	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.45 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		2			576732	03/30/22 14:59	K1D	TAL SAC
Total/NA	Prep	3050B			1.02 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 11:04	SP	TAL SAC
Total/NA	Prep	7471A			0.64 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 02:40	DPM	TAL SAC

Client Sample ID: HA-7-S-5.5

Lab Sample ID: 320-85798-2

Date Collected: 03/14/22 10:55
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.834 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574383	03/20/22 13:16	SS	TAL SAC
Total/NA	Prep	5035			6.834 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574384	03/20/22 13:16	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.03 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 16:23	K1D	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 11:23	SP	TAL SAC
Total/NA	Prep	7471A			0.63 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 02:47	DPM	TAL SAC

Client Sample ID: HA-8-S-3.5

Lab Sample ID: 320-85798-3

Date Collected: 03/14/22 11:50
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.855 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574383	03/20/22 13:37	SS	TAL SAC
Total/NA	Prep	5035			6.855 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574384	03/20/22 13:37	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.98 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 16:51	K1D	TAL SAC
Total/NA	Prep	3050B			1.05 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 11:27	SP	TAL SAC
Total/NA	Prep	3050B			1.05 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		5			575256	03/23/22 11:25	SP	TAL SAC

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-8-S-3.5

Lab Sample ID: 320-85798-3
Date Collected: 03/14/22 11:50
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.61 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 02:49	DPM	TAL SAC

Client Sample ID: HA-9-S-5.0

Lab Sample ID: 320-85798-4
Date Collected: 03/14/22 13:05
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.674 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574383	03/20/22 13:59	SS	TAL SAC
Total/NA	Prep	5035			6.674 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574384	03/20/22 13:59	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.78 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 17:19	K1D	TAL SAC
Total/NA	Prep	3050B			1.03 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 11:31	SP	TAL SAC
Total/NA	Prep	3050B			1.03 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		5			575256	03/23/22 11:29	SP	TAL SAC
Total/NA	Prep	7471A			0.59 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 02:55	DPM	TAL SAC

Client Sample ID: HA-10-S-3.5

Lab Sample ID: 320-85798-5
Date Collected: 03/14/22 14:00
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.593 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574629	03/21/22 21:15	SS	TAL SAC
Total/NA	Prep	5035			6.593 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574630	03/21/22 21:15	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.00 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 17:47	K1D	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 11:42	SP	TAL SAC
Total/NA	Prep	7471A			0.56 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 02:56	DPM	TAL SAC

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-11-S-5.5

Lab Sample ID: 320-85798-6
Date Collected: 03/14/22 15:00
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.584 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574383	03/20/22 15:02	SS	TAL SAC
Total/NA	Prep	5035			6.584 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574384	03/20/22 15:02	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.15 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 18:15	K1D	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 11:46	SP	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		5			575256	03/23/22 11:41	SP	TAL SAC
Total/NA	Prep	7471A			0.61 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 02:58	DPM	TAL SAC

Client Sample ID: HA-12-S-3.75

Lab Sample ID: 320-85798-7
Date Collected: 03/15/22 09:30
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.675 g	5 mL	573664	03/17/22 11:15	JRM	TAL SAC
Total/NA	Analysis	8260B		1	1 mL	50 mL	575445	03/24/22 15:26	AP1	TAL SAC
Total/NA	Prep	5035	RADL		7.675 g	5 mL	573664	03/17/22 11:15	JRM	TAL SAC
Total/NA	Analysis	8260B	RADL	10	1 mL	50 mL	576394	03/29/22 18:40	AP1	TAL SAC
Total/NA	Prep	5035	DL		7.675 g	5 mL	573664	03/17/22 11:15	JRM	TAL SAC
Total/NA	Analysis	8260B	DL	10	1 mL	50 mL	576134	03/28/22 19:50	AP1	TAL SAC
Total/NA	Prep	5035			7.675 g	5 mL	573664	03/17/22 11:15	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		10	1 mL	50 mL	576132	03/28/22 19:50	AP1	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.46 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		10			576732	03/31/22 18:03	K1D	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 11:50	SP	TAL SAC
Total/NA	Prep	7471A			0.57 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 03:00	DPM	TAL SAC

Client Sample ID: HA-12-S-2.5

Lab Sample ID: 320-85798-8
Date Collected: 03/15/22 09:30
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.994 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574383	03/20/22 15:25	SS	TAL SAC
Total/NA	Prep	5035			5.994 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574384	03/20/22 15:25	SS	TAL SAC

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-12-S-2.5

Lab Sample ID: 320-85798-8
Matrix: Solid
Date Collected: 03/15/22 09:30
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Prep	3550B			30.41 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 19:11	K1D	TAL SAC
Total/NA	Prep	3050B			1.03 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 11:54	SP	TAL SAC
Total/NA	Prep	7471A			0.59 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 03:02	DPM	TAL SAC

Client Sample ID: HA-13-S-4.5

Lab Sample ID: 320-85798-9
Matrix: Solid
Date Collected: 03/15/22 10:35
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.913 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574383	03/20/22 15:47	SS	TAL SAC
Total/NA	Prep	5035			7.913 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574384	03/20/22 15:47	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.79 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 19:39	K1D	TAL SAC
Total/NA	Prep	3050B			1.02 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 11:57	SP	TAL SAC
Total/NA	Prep	3050B			1.02 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		5			575256	03/23/22 11:45	SP	TAL SAC
Total/NA	Prep	7471A			0.57 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 03:04	DPM	TAL SAC

Client Sample ID: HA-15-S-4.0

Lab Sample ID: 320-85798-10
Matrix: Solid
Date Collected: 03/15/22 11:35
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.644 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574383	03/20/22 16:09	SS	TAL SAC
Total/NA	Prep	5035			6.644 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574384	03/20/22 16:09	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.39 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 20:07	K1D	TAL SAC
Total/NA	Prep	3050B			1.05 g	100 mL	574722	03/21/22 15:30	JP	TAL SAC
Total/NA	Analysis	6010B		1			575058	03/22/22 12:01	SP	TAL SAC
Total/NA	Prep	7471A			0.62 g	50 mL	575146	03/23/22 14:38	JLV	TAL SAC
Total/NA	Analysis	7471A		1			575706	03/25/22 03:06	DPM	TAL SAC

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-16-S-10

Lab Sample ID: 320-85798-11
Date Collected: 03/15/22 13:30
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.168 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574383	03/20/22 16:30	SS	TAL SAC
Total/NA	Prep	5035			5.168 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574384	03/20/22 16:30	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.50 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 20:35	K1D	TAL SAC
Total/NA	Prep	3050B			1.00 g	100 mL	575028	03/22/22 15:39	JP	TAL SAC
Total/NA	Analysis	6010B		1			575402	03/23/22 16:07	SP	TAL SAC
Total/NA	Prep	7471A			0.56 g	50 mL	575887	03/25/22 17:29	JP	TAL SAC
Total/NA	Analysis	7471A		1			575969	03/26/22 15:17	JLV	TAL SAC

Client Sample ID: HA-17-S-8.0

Lab Sample ID: 320-85798-12
Date Collected: 03/15/22 14:37
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.984 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	574383	03/20/22 17:24	SS	TAL SAC
Total/NA	Prep	5035			6.984 g	5 mL	573663	03/15/22 19:45	JRM	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 mL	5 mL	574384	03/20/22 17:24	SS	TAL SAC
Silica Gel Cleanup	Prep	3550B			30.47 g	3 mL	575209	03/23/22 11:19	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			576732	03/30/22 21:03	K1D	TAL SAC
Total/NA	Prep	3050B			1.01 g	100 mL	575028	03/22/22 15:39	JP	TAL SAC
Total/NA	Analysis	6010B		1			575402	03/23/22 16:11	SP	TAL SAC
Total/NA	Prep	3050B			1.01 g	100 mL	575028	03/22/22 15:39	JP	TAL SAC
Total/NA	Analysis	6010B		5			575718	03/24/22 11:22	SP	TAL SAC
Total/NA	Prep	7471A			0.58 g	50 mL	575887	03/25/22 17:29	JP	TAL SAC
Total/NA	Analysis	7471A		1			575969	03/26/22 15:18	JLV	TAL SAC

Client Sample ID: HA-6-GW

Lab Sample ID: 320-85798-13
Date Collected: 03/14/22 09:30
Matrix: Water
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	50 mL	50 mL	574607	03/21/22 19:23	EMJ	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		10	50 mL	50 mL	574605	03/21/22 19:23	SS	TAL SAC
Silica Gel Cleanup	Prep	3510C SGC			1026 mL	3 mL	574065	03/18/22 14:44	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			574865	03/24/22 01:49	K1D	TAL SAC

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-7-GW
Date Collected: 03/14/22 11:05
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	50 mL	50 mL	574607	03/21/22 19:46	EMJ	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		10	50 mL	50 mL	574605	03/21/22 19:46	SS	TAL SAC
Silica Gel Cleanup	Prep	3510C SGC			1004.6 mL	3 mL	574065	03/18/22 14:44	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			574865	03/24/22 02:18	K1D	TAL SAC

Client Sample ID: HA-11-GW
Date Collected: 03/14/22 15:15
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	50 mL	50 mL	574607	03/21/22 20:09	EMJ	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		10	50 mL	50 mL	574605	03/21/22 20:09	SS	TAL SAC
Silica Gel Cleanup	Prep	3510C SGC			1047.2 mL	3 mL	574065	03/18/22 14:44	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			574865	03/24/22 02:47	K1D	TAL SAC

Client Sample ID: HA-12-GW
Date Collected: 03/15/22 09:50
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	50 mL	50 mL	574607	03/21/22 20:31	EMJ	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		20	50 mL	50 mL	574605	03/21/22 20:31	SS	TAL SAC
Silica Gel Cleanup	Prep	3510C SGC			1003.5 mL	3 mL	574065	03/18/22 14:44	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			574865	03/24/22 03:16	K1D	TAL SAC
Dissolved	Filtration	Filtration			250 mL	250 mL	574770	03/21/22 19:50	JP	TAL SAC
Dissolved	Prep	3005A			50 mL	50 mL	575368	03/23/22 16:22	JP	TAL SAC
Dissolved	Analysis	6010B		1			575718	03/24/22 10:08	SP	TAL SAC
Dissolved	Filtration	Filtration			250 mL	250 mL	574770	03/21/22 19:50	JP	TAL SAC
Dissolved	Prep	7470A			30 mL	30 mL	576459	03/29/22 12:25	JLV	TAL SAC
Dissolved	Analysis	7470A		1			576769	03/29/22 19:55	DPM	TAL SAC

Client Sample ID: HA-17-GW
Date Collected: 03/15/22 15:30
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	50 mL	50 mL	574607	03/21/22 20:54	EMJ	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		10	50 mL	50 mL	574605	03/21/22 20:54	SS	TAL SAC
Silica Gel Cleanup	Prep	3510C SGC			1037.2 mL	3 mL	574065	03/18/22 14:44	NGK	TAL SAC
Silica Gel Cleanup	Analysis	8015B		1			574865	03/24/22 03:44	K1D	TAL SAC

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Client Sample ID: HA-16-GW

Date Collected: 03/15/22 16:55
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	50 mL	50 mL	574607	03/21/22 21:17	EMJ	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTMS		10	50 mL	50 mL	574605	03/21/22 21:17	SS	TAL SAC

Laboratory References:

TAL SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Laboratory: Eurofins Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-23

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAC
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL SAC
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SAC
6010B	Metals (ICP)	SW846	TAL SAC
7470A	Mercury (CVAA)	SW846	TAL SAC
7471A	Mercury (CVAA)	SW846	TAL SAC
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL SAC
3050B	Preparation, Metals	SW846	TAL SAC
3510C SGC	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL SAC
3550B	Ultrasonic Extraction	SW846	TAL SAC
5030B	Purge and Trap	SW846	TAL SAC
5035	Closed System Purge and Trap	SW846	TAL SAC
7470A	Preparation, Mercury	SW846	TAL SAC
7471A	Preparation, Mercury	SW846	TAL SAC
Filtration	Sample Filtration	None	TAL SAC

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-85798-1	HA-6-S-2.5	Solid	03/14/22 09:20	03/16/22 09:45
320-85798-2	HA-7-S-5.5	Solid	03/14/22 10:55	03/16/22 09:45
320-85798-3	HA-8-S-3.5	Solid	03/14/22 11:50	03/16/22 09:45
320-85798-4	HA-9-S-5.0	Solid	03/14/22 13:05	03/16/22 09:45
320-85798-5	HA-10-S-3.5	Solid	03/14/22 14:00	03/16/22 09:45
320-85798-6	HA-11-S-5.5	Solid	03/14/22 15:00	03/16/22 09:45
320-85798-7	HA-12-S-3.75	Solid	03/15/22 09:30	03/16/22 09:45
320-85798-8	HA-12-S-2.5	Solid	03/15/22 09:30	03/16/22 09:45
320-85798-9	HA-13-S-4.5	Solid	03/15/22 10:35	03/16/22 09:45
320-85798-10	HA-15-S-4.0	Solid	03/15/22 11:35	03/16/22 09:45
320-85798-11	HA-16-S-10	Solid	03/15/22 13:30	03/16/22 09:45
320-85798-12	HA-17-S-8.0	Solid	03/15/22 14:37	03/16/22 09:45
320-85798-13	HA-6-GW	Water	03/14/22 09:30	03/16/22 09:45
320-85798-14	HA-7-GW	Water	03/14/22 11:05	03/16/22 09:45
320-85798-15	HA-11-GW	Water	03/14/22 15:15	03/16/22 09:45
320-85798-16	HA-12-GW	Water	03/15/22 09:50	03/16/22 09:45
320-85798-17	HA-17-GW	Water	03/15/22 15:30	03/16/22 09:45
320-85798-18	HA-16-GW	Water	03/15/22 16:55	03/16/22 09:45

Eurofins Environment Testing Northern Cali

880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467 7248

Chain of Custody Record for

Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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202271

Eurofins Environment Testing

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC, Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: ~~3/15/2022~~ 3/16/22	COC No: 1
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	1 of 1 COCs
Address: 2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip: Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			Job / SDG No.
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs, method 8260/5035	TPH-d, method 8015 with silica gel cleanup	CCR Title 22 metals method 6010/7471	TPH-g and VOCs method 8260	HOLD	Sample Specific Notes:
HA-6-S-2.5	3/14/2022	0920	G	S	4	N	N	X	X	X			Terracores frozen at 1945 on 3/15/22
HA-7-S-5.5	3/14/2022	1055	G	S	4	N	N	X	X	X			
HA-8-S-3.5	3/14/2022	1150	G	S	4	N	N	X	X	X			
HA-9-S-5.0	3/14/2022	1305	G	S	4	N	N	X	X	X			
HA-10-S-3.5	3/14/2022	1400	G	S	4	N	N	X	X	X			
HA-11-S-5.5	3/14/2022	1500	G	S	4	N	N	X	X	X			

320-85798 Chain of Custody

Preservation Used. 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Send results to vbajsarowicz@haleyaldrich.com Jboyer@haleyaldrich.com, zstephens@haleyaldrich.com

3.8°C

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by: [signature]	Company: H&A	Date/Time: 2000 3/15/22	Received by: Akash Coveney	Company: H&A	Date/Time: 3/16/22 0735
Relinquished by: Akash Coveney	Company: H&A 0945	Date/Time: 3/16/22 0945	Received by: [signature]	Company: ELAS	Date/Time: 3-16-22 945
Relinquished by	Company	Date/Time:	Received in Laboratory by:	Company	Date/Time:

Rev. 1.5 dated 11/17/2021

Eurofins Environment Testing Northern Cali

880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467 7248

Chain of Custody Record for

Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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Eurofins Environment Testing

Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

25 16

Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: 3/15/2022	COC No: 2
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	2 of 4 COCs
Address:2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip: Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No.
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs, method 8260/5035	TPH-d, method 8015 with silica gel cleanup	CCR Title 22 metals method 6010/7471	TPH-g and VOCs method 8260	HOLD	Sample Specific Notes:
HA-12-S-3.75	3/15/2022	0930	G	S	4	N	N	X	X	X			Terracores Frozen at 1945 on 3/15/22
HA-12-S-2.5	3/15/2022	0930	G	S	4	N	N	X	X	X			
HA-13-S-4.5	3/15/2022	1035	G	S	4	N	N	X	X	X			
HA-15-S-4.0	3/15/2022	1135	G	S	4	N	N	X	X	X			
HA-16-S-10	3/15/2022	1330	G	S	4	N	N	X	X	X			
HA-17-S-8.0	3/15/2022	1437	G	S	4	N	N	X	X	X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return to Client ☐ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments: Send results to vbajsarowicz@haleyaldrich.com Jboyer@haleyaldrich.com zstephens@haleyaldrich.com

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: H&A	Date/Time: 3/15/22 2000	Received by: Akash Caverer	Company: H&H	Date/Time: 3/16/22 0735
Relinquished by: Akash Caverer	Company: H&H	Date/Time: 3/16/22 0745	Received by:	Company: EAS	Date/Time: 3-16-22 945
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Rev. 1.5 dated 11/17/2021

Eurofins Environment Testing Northern Cali

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Chain of Custody Record for
Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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202273

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC, Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: 3/15/2022	COC No: 3
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	3 of 3 COCs
Address:2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip: Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX. (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs method 8260	TPH-d method 8015 with silica gel cleanup	HOLD	Sample Specific Notes:
HA-6-GW	3/14/2022	0930	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-7-GW	3/14/2022	1105	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-11-GW	3/14/2022	1515	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-12-GW	3/15/2022	0950	G	W	5	N	N	X	X		
HA-17-GW	3/15/2022	1530	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-16-GW	3/15/2022	1655	G	W	1	N	N	X	X		Only one VOA

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Please contact Jen Boyer at Jboyer@haleyaldrich.com regarding options for HA-16-GW Send results to vbajsarowicz@haleyaldrich.com Jboyer@haleyaldrich.com, zstephens@haleyaldrich.com

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C) Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company: H+A	Date/Time: 3/15/22 2000	Received by: Akash Cavenev	Company: H+A	Date/Time: 3/16/22 0735
Relinquished by: Akash Cavenev	Company: H+A	Date/Time: 3/16/22 0945	Received by:	Company: EPAS	Date/Time: 3-16-22 945
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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Eurofins Environment Testing Northern Cali

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Chain of Custody Record for
Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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202274

Eurofins Environment Testing

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC, Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

29 16

Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: 3/15/2022	COC No: 4
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	4 of 4 COCs
Address:2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TPH-g and VOCs, method 8260/5035	TPH-d, method 8015 with silica gel cleanup	CCR Title 22 metals method 6010/7471	HOLD	Sample Specific Notes:
HA-7-S-3.5	3/14/2022	1100	G	S	4	N	N				X	Terracores frozen at 1945 on 3/15/22
HA-9-S-2.5	3/14/2022	1310	G	S	4	N	N				X	
HA-13-S-2.5	3/15/2022	1030	G	S	4	N	N				X	
HA-16-S-1 75	3/15/2022	1330	G	S	4	N	N				X	
HA-17-S-2.5	3/15/2022	1440	G	S	4	N	N				X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4; 4=HNO3; 5=NaOH, 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments: Send results to vbajsarowicz@haleyaldrich.com, Jboyer@haleyaldrich.com zstephens@haleyaldrich.com

Custody Seals intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company: H+A	Date/Time: 3/15/22 1000	Received by: Akash Cavever	Company: H+A	Date/Time: 3/16/22 0735
Relinquished by: Akash Cavever	Company: H+A	Date/Time: 3/16/22 0945	Received by:	Company: EAST	Date/Time: 3-16-22 945
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Rev. 1.5 dated 11/17/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-262851.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn.Heathcote@Eurofinset.com	State of Origin: California	Page: Page 1 of 3
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - California		Job #: 320-85798-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 3/22/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: SteelWave	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury Only	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_SGC (MOD) DRO/MRO	8260B/5030B (MOD) VOCs, Standard List	8260B/CA_LUFTMS/5030B GRO C4-C12	8015B_DRO/3510C_SGC (MOD) DRO/MRO	6010B/3050B CAM 17 List, minus Mercury (Hold)	7471A/7471A_Prep Mercury Only (Hold)	8260B/5035A_FW_7_Calc VOCs, Standard List (Hold)	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12 (Hold)	8015B_DRO/3550B_SGC (MOD) DRO/MRO (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
HA-6-S-2.5 (320-85798-1)	3/14/22	09:20 Pacific		Solid			X	X	X	X	X									4	
HA-7-S-5.5 (320-85798-2)	3/14/22	10:55 Pacific		Solid			X	X	X	X	X									4	
HA-8-S-3.5 (320-85798-3)	3/14/22	11:50 Pacific		Solid			X	X	X	X	X									4	
HA-9-S-5.0 (320-85798-4)	3/14/22	13:05 Pacific		Solid			X	X	X	X	X									4	
HA-10-S-3.5 (320-85798-5)	3/14/22	14:00 Pacific		Solid			X	X	X	X	X									4	
HA-11-S-5.5 (320-85798-6)	3/14/22	15:00 Pacific		Solid			X	X	X	X	X									4	
HA-12-S-3.75 (320-85798-7)	3/15/22	09:30 Pacific		Solid			X	X	X	X	X									4	
HA-12-S-2.5 (320-85798-8)	3/15/22	09:30 Pacific		Solid			X	X	X	X	X									4	
HA-13-S-4.5 (320-85798-9)	3/15/22	10:35 Pacific		Solid			X	X	X	X	X									4	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northern California, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northern California, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		3-16-22 1610	SJ		3-16-22 1610	DXS
2		3/16/22 1905	DCS		3-16-22 1905	EETSAC
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0, 2.2, 1.6

Ver: 06/08/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-262851.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn.Heathcote@Eurofinset.com	State of Origin: California	Page: Page 2 of 3
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - California		Job #: 320-85798-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 3/22/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: SteelWave	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury Only	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_SGC (MOD) DRO/MRO	8260B/5030B (MOD) VOCs, Standard List	8260B/CA_LUFTMS/5030B GRO C4-C12	8015B_DRO/3510C_SGC (MOD) DRO/MRO	6010B/3050B CAM 17 List, minus Mercury (Hold)	7471A/7471A_Prep Mercury Only (Hold)	8260B/5035A_FW_7_Calc VOCs, Standard List (Hold)	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12 (Hold)	8015B_DRO/3550B_SGC (MOD) DRO/MRO (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
HA-15-S-4.0 (320-85798-10)	3/15/22	11:35 Pacific		Solid			X	X	X	X	X									4	
HA-16-S-10 (320-85798-11)	3/15/22	13:30 Pacific		Solid			X	X	X	X	X									4	
HA-17-S-8.0 (320-85798-12)	3/15/22	14:37 Pacific		Solid			X	X	X	X	X									4	
HA-6-GW (320-85798-13)	3/14/22	09:30 Pacific		Water								X	X	X						4	
HA-7-GW (320-85798-14)	3/14/22	11:05 Pacific		Water								X	X	X						4	
HA-11-GW (320-85798-15)	3/14/22	15:15 Pacific		Water								X	X	X						4	
HA-12-GW (320-85798-16)	3/15/22	09:50 Pacific		Water								X	X	X						5	
HA-17-GW (320-85798-17)	3/15/22	15:30 Pacific		Water								X	X	X						4	
HA-16-GW (320-85798-18)	3/15/22	16:55 Pacific		Water								X	X							1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northern California, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northern California, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 3-16-22 1610	Company: SJ	Received by:	Date/Time: 3-16-22 1610	Company: DCS
Relinquished by:	Date/Time: 3/16/22 1905	Company: DCS	Received by:	Date/Time: 3/16-22 1905	Company: EETSAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0, 2.2, 1.6

Ver: 06/08/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-262851.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn.Heathcote@Eurofinset.com	State of Origin: California	Page: Page 3 of 3
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - California		Job #: 320-85798-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 3/22/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: SteelWave	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury Only	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_SGC (MOD) DRO/MRO	8260B/5030B (MOD) VOCs, Standard List	8260B/CA_LUFTMS/5030B GRO C4-C12	8015B_DRO/3510C_SGC (MOD) DRO/MRO	6010B/3050B CAM 17 List, minus Mercury (Hold)	7471A/7471A_Prep Mercury Only (Hold)	8260B/5035A_FW_7_Calc VOCs, Standard List (Hold)	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12 (Hold)	8015B_DRO/3550B_SGC (MOD) DRO/MRO (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
HA-7-S-3.5 (320-85798-19)	3/14/22	11:00 Pacific		Solid											X	X	X	X	X	4	
HA-9-S-2.5 (320-85798-20)	3/14/22	13:10 Pacific		Solid											X	X	X	X	X	4	
HA-13-S-2.5 (320-85798-21)	3/15/22	10:30 Pacific		Solid											X	X	X	X	X	4	
HA-16-S-1.75 (320-85798-22)	3/15/22	13:30 Pacific		Solid											X	X	X	X	X	4	
HA-17-S-2.5 (320-85798-23)	3/15/22	14:40 Pacific		Solid											X	X	X	X	X	4	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northern California, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northern California, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 3-16-22 1610	Company SJ	Received by:	Date/Time: 3-16-22 1610	Company DCS
Relinquished by:	Date/Time: 3/16/22 1905	Company DCS	Received by:	Date/Time: 3-16-22 1905	Company EETSAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0, 2.2, 1.6

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-85798-1

Login Number: 85798
List Number: 1
Creator: Mullen, Joan

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-85798-1

Login Number: 85798
List Number: 2
Creator: Cahill, Nicholas P

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0c, 2.2c, 1.6c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-85798-3
Client Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

For:
Haley & Aldrich, Inc.
2107 N. 1st Street
Suite 380
San Jose, California 95131-2028

Attn: Ms. Jennifer Boyer

Authorized for release by:
4/26/2022 10:31:48 AM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@et.eurofinsus.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 320-85798-3

Laboratory: Eurofins Sacramento

Narrative

Job Narrative
320-85798-3

Comments
On 3/24/2022 the client requested Chromium be speciated for the following samples:

HA-6-S-2.5 (320-85798-1)
HA-8-S-3.5 (320-85798-3)
HA-9-S-5.0 (320-85798-4)
HA-10-S-3.5 (320-85798-5)
HA-12-S-2.5 (320-85798-8)
HA-13-S-4.5 (320-85798-9)

The Total Chromium result used for the calculations was taken from the report for Job 320-85798-1.

Receipt
The samples were received on 3/16/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8º C.

General Chemistry
Method 7196A: The matrix spike Insoluble / matrix spike duplicate Insoluble (MSI/MSID) recoveries for the following sample associated with preparation batch 570-225937 and analytical batch 570-226291 were outside control limits: (570-90209-A-1-K MSI ^25) and (570-90209-A-1-L MSID ^25). The associated laboratory control sample (LCS) recovery met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-3

Client Sample ID: HA-6-S-2.5 — Lab Sample ID: 320-85798-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Trivalent Chromium	51		2.0		mg/Kg	1		7196A	Total/NA

Client Sample ID: HA-8-S-3.5 — Lab Sample ID: 320-85798-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Trivalent Chromium	56		2.0		mg/Kg	1		7196A	Total/NA

Client Sample ID: HA-9-S-5.0 — Lab Sample ID: 320-85798-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Trivalent Chromium	80		2.0		mg/Kg	1		7196A	Total/NA

Client Sample ID: HA-10-S-3.5 — Lab Sample ID: 320-85798-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Trivalent Chromium	73		2.0		mg/Kg	1		7196A	Total/NA

Client Sample ID: HA-12-S-2.5 — Lab Sample ID: 320-85798-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Trivalent Chromium	50		2.0		mg/Kg	1		7196A	Total/NA

Client Sample ID: HA-13-S-4.5 — Lab Sample ID: 320-85798-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Trivalent Chromium	70		2.0		mg/Kg	1		7196A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-3

Client Sample ID: HA-6-S-2.5
Lab Sample ID: 320-85798-1
Date Collected: 03/14/22 09:20
Matrix: Solid
Date Received: 03/16/22 09:45

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.80		mg/Kg		04/12/22 00:27	04/12/22 22:24	1
Trivalent Chromium	**51**		2.0		mg/Kg			04/25/22 12:18	1

Client Sample ID: HA-8-S-3.5
Lab Sample ID: 320-85798-3
Date Collected: 03/14/22 11:50
Matrix: Solid
Date Received: 03/16/22 09:45

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.80		mg/Kg		04/12/22 00:27	04/12/22 22:25	1
Trivalent Chromium	**56**		2.0		mg/Kg			04/25/22 12:18	1

Client Sample ID: HA-9-S-5.0
Lab Sample ID: 320-85798-4
Date Collected: 03/14/22 13:05
Matrix: Solid
Date Received: 03/16/22 09:45

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.80		mg/Kg		04/12/22 00:27	04/12/22 22:26	1
Trivalent Chromium	**80**		2.0		mg/Kg			04/25/22 12:18	1

Client Sample ID: HA-10-S-3.5
Lab Sample ID: 320-85798-5
Date Collected: 03/14/22 14:00
Matrix: Solid
Date Received: 03/16/22 09:45

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.80		mg/Kg		04/12/22 00:27	04/12/22 22:27	1
Trivalent Chromium	**73**		2.0		mg/Kg			04/25/22 12:18	1

Client Sample ID: HA-12-S-2.5
Lab Sample ID: 320-85798-8
Date Collected: 03/15/22 09:30
Matrix: Solid
Date Received: 03/16/22 09:45

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.80		mg/Kg		04/12/22 00:27	04/12/22 22:28	1
Trivalent Chromium	**50**		2.0		mg/Kg			04/25/22 12:18	1

Client Sample ID: HA-13-S-4.5
Lab Sample ID: 320-85798-9
Date Collected: 03/15/22 10:35
Matrix: Solid
Date Received: 03/16/22 09:45

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.81		mg/Kg		04/12/22 00:27	04/12/22 22:29	1
Trivalent Chromium	**70**		2.0		mg/Kg			04/25/22 12:18	1

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-3

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 570-225937/1-A
Matrix: Solid
Analysis Batch: 226291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 225937

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.80		mg/Kg		04/12/22 00:27	04/12/22 22:12	1

Lab Sample ID: LCS 570-225937/2-A
Matrix: Solid
Analysis Batch: 226291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 225937

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			20.0	19.6		mg/Kg		98	78 - 120		

Lab Sample ID: LCSD 570-225937/3-A
Matrix: Solid
Analysis Batch: 226291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 225937

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent			20.0	19.6		mg/Kg		98	78 - 120	0	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-3

General Chemistry

Prep Batch: 225937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	3060A	
320-85798-3	HA-8-S-3.5	Total/NA	Solid	3060A	
320-85798-4	HA-9-S-5.0	Total/NA	Solid	3060A	
320-85798-5	HA-10-S-3.5	Total/NA	Solid	3060A	
320-85798-8	HA-12-S-2.5	Total/NA	Solid	3060A	
320-85798-9	HA-13-S-4.5	Total/NA	Solid	3060A	
MB 570-225937/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 570-225937/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSD 570-225937/3-A	Lab Control Sample Dup	Total/NA	Solid	3060A	

Analysis Batch: 226291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	7196A	225937
320-85798-3	HA-8-S-3.5	Total/NA	Solid	7196A	225937
320-85798-4	HA-9-S-5.0	Total/NA	Solid	7196A	225937
320-85798-5	HA-10-S-3.5	Total/NA	Solid	7196A	225937
320-85798-8	HA-12-S-2.5	Total/NA	Solid	7196A	225937
320-85798-9	HA-13-S-4.5	Total/NA	Solid	7196A	225937
MB 570-225937/1-A	Method Blank	Total/NA	Solid	7196A	225937
LCS 570-225937/2-A	Lab Control Sample	Total/NA	Solid	7196A	225937
LCSD 570-225937/3-A	Lab Control Sample Dup	Total/NA	Solid	7196A	225937

Analysis Batch: 229129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-1	HA-6-S-2.5	Total/NA	Solid	7196A	
320-85798-3	HA-8-S-3.5	Total/NA	Solid	7196A	
320-85798-4	HA-9-S-5.0	Total/NA	Solid	7196A	
320-85798-5	HA-10-S-3.5	Total/NA	Solid	7196A	
320-85798-8	HA-12-S-2.5	Total/NA	Solid	7196A	
320-85798-9	HA-13-S-4.5	Total/NA	Solid	7196A	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-3

Client Sample ID: HA-6-S-2.5
Lab Sample ID: 320-85798-1
Date Collected: 03/14/22 09:20
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.50 g	100 mL	225937	04/12/22 00:27	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	226291	04/12/22 22:24	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	229129	04/25/22 12:18	UWCT	ECL 1

Client Sample ID: HA-8-S-3.5
Lab Sample ID: 320-85798-3
Date Collected: 03/14/22 11:50
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.50 g	100 mL	225937	04/12/22 00:27	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	226291	04/12/22 22:25	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	229129	04/25/22 12:18	UWCT	ECL 1

Client Sample ID: HA-9-S-5.0
Lab Sample ID: 320-85798-4
Date Collected: 03/14/22 13:05
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.50 g	100 mL	225937	04/12/22 00:27	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	226291	04/12/22 22:26	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	229129	04/25/22 12:18	UWCT	ECL 1

Client Sample ID: HA-10-S-3.5
Lab Sample ID: 320-85798-5
Date Collected: 03/14/22 14:00
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.51 g	100 mL	225937	04/12/22 00:27	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	226291	04/12/22 22:27	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	229129	04/25/22 12:18	UWCT	ECL 1

Client Sample ID: HA-12-S-2.5
Lab Sample ID: 320-85798-8
Date Collected: 03/15/22 09:30
Matrix: Solid
Date Received: 03/16/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.50 g	100 mL	225937	04/12/22 00:27	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	226291	04/12/22 22:28	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	229129	04/25/22 12:18	UWCT	ECL 1

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-3

Client Sample ID: HA-13-S-4.5

Date Collected: 03/15/22 10:35
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.48 g	100 mL	225937	04/12/22 00:27	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	226291	04/12/22 22:29	JXO4	ECL 4
Total/NA	Analysis	7196A		1	100 mL	100 mL	229129	04/25/22 12:18	UWCT	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-3

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-22
California	SCAQMD LAP	17LA0919	11-30-21 *
California	State	2944	09-30-22
Guam	State	21-003R	06-22-22
Nevada	State	CA00111	07-31-22
Oregon	NELAP	CA300001	01-31-23
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-12-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-3

Method	Method Description	Protocol	Laboratory
7196A	Chromium, Trivalent (Colorimetric)	SW846	ECL 1
7196A	Chromium, Hexavalent	SW846	ECL 4
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ECL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-85798-1	HA-6-S-2.5	Solid	03/14/22 09:20	03/16/22 09:45
320-85798-3	HA-8-S-3.5	Solid	03/14/22 11:50	03/16/22 09:45
320-85798-4	HA-9-S-5.0	Solid	03/14/22 13:05	03/16/22 09:45
320-85798-5	HA-10-S-3.5	Solid	03/14/22 14:00	03/16/22 09:45
320-85798-8	HA-12-S-2.5	Solid	03/15/22 09:30	03/16/22 09:45
320-85798-9	HA-13-S-4.5	Solid	03/15/22 10:35	03/16/22 09:45

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880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467 7248

Chain of Custody Record for

Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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202271

Eurofins Environment Testing

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC, Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

Client Contact	**H&A Project Manager: Jennifer Boyer**	**H&A Site Contact: Zach Stephens**	**Date: ~~3/15/2022~~ 3/16/22**	COC No: 1
Haley & Aldrich	**Tel/Fax: C: (971) 277.8945**	**Lab Contact: Lee Ann Heathcote**	**Carrier:**	1 of 1 COCs
Address:2033 North Main Street | Suite 309	**Analysis Turnaround Time**			Sampler: Zach Stephens
City/State/Zip: Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No.
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs, method 8260/5035	TPH-d, method 8015 with silica gel cleanup	CCR Title 22 metals method 6010/7471	TPH-g and VOCs method 8260	HOLD	Sample Specific Notes:
HA-6-S-2.5	3/14/2022	0920	G	S	4	N	N	X	X	X			Terracores frozen at 1945 on 3/15/22
HA-7-S-5.5	3/14/2022	1055	G	S	4	N	N	X	X	X			
HA-8-S-3.5	3/14/2022	1150	G	S	4	N	N	X	X	X			
HA-9-S-5.0	3/14/2022	1305	G	S	4	N	N	X	X	X			
HA-10-S-3.5	3/14/2022	1400	G	S	4	N	N	X	X	X			
HA-11-S-5.5	3/14/2022	1500	G	S	4	N	N	X	X	X			

320-85798 Chain of Custody

Preservation Used. 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Send results to vbajsarowicz@haleyaldrich.com Jboyer@haleyaldrich.com, zstephens@haleyaldrich.com

3.8°C

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by: [signature]	Company: H&A	Date/Time: 2000 3/15/22	Received by: Akash Coverney	Company: H&A	Date/Time: 3/16/22 0735
Relinquished by: Akash Coverney	Company: H&A 0945	Date/Time: 3/16/22 0945	Received by: [signature]	Company: ETAS	Date/Time: 3-16-22 945
Relinquished by	Company	Date/Time:	Received in Laboratory by:	Company	Date/Time:

Rev. 1.5 dated 11/17/2021

Eurofins Environment Testing Northern Cali

880 Riverside Parkway

West Sacramento, CA 95605-1500
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Chain of Custody Record for

Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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Eurofins Environment Testing

Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

25 16

Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: 3/15/2022	COC No: 2
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	2 of 4 COCs
Address:2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip: Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No.
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs, method 8260/5035	TPH-d, method 8015 with silica gel cleanup	CCR Title 22 metals method 6010/7471	TPH-g and VOCs method 8260	HOLD	Sample Specific Notes:
HA-12-S-3.75	3/15/2022	0930	G	S	4	N	N	X	X	X			Terracores Frozen at 1945 on 3/15/22
HA-12-S-2.5	3/15/2022	0930	G	S	4	N	N	X	X	X			
HA-13-S-4.5	3/15/2022	1035	G	S	4	N	N	X	X	X			
HA-15-S-4.0	3/15/2022	1135	G	S	4	N	N	X	X	X			
HA-16-S-10	3/15/2022	1330	G	S	4	N	N	X	X	X			
HA-17-S-8.0	3/15/2022	1437	G	S	4	N	N	X	X	X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return to Client ☐ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments: Send results to vbajsarowicz@haleyaldrich.com Jboyer@haleyaldrich.com zstephens@haleyaldrich.com

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: H&A	Date/Time: 3/15/22 2000	Received by: Akash Caverer	Company: H&H	Date/Time: 3/16/22 0735
Relinquished by: Akash Caverer	Company: H&H	Date/Time: 3/16/22 0745	Received by:	Company: EAS	Date/Time: 3-16-22 945
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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Eurofins Environment Testing Northern Cali

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West Sacramento CA 95605-1500
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Chain of Custody Record for
Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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202273

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC, Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: 3/15/2022	COC No: 3
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	3 of 3 COCs
Address:2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip: Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs method 8260	TPH-d method 8015 with silica gel cleanup	HOLD	Sample Specific Notes:
HA-6-GW	3/14/2022	0930	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-7-GW	3/14/2022	1105	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-11-GW	3/14/2022	1515	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-12-GW	3/15/2022	0950	G	W	5	N	N	X	X		
HA-17-GW	3/15/2022	1530	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-16-GW	3/15/2022	1655	G	W	1	N	N	X	X		Only one VOA

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Please contact Jen Boyer at Jboyer@haleyaldrich.com regarding options for HA-16-GW Send results to vbajsarowicz@haleyaldrich.com Jboyer@haleyaldrich.com, zstephens@haleyaldrich.com

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C) Obs'd:_____ Corr'd:_____ Therm ID No.:_____

	Company	Date/Time		Company	Date/Time
Relinquished by:	H&A	3/15/22 2000	Received by: Akash Cavenev	H&A	3/16/22 0735
Relinquished by: Akash Cavenev	H&A	3/16/22 0945	Received by:	EPAS	3-16-22 945
Relinquished by:	Company	Date/Time:	Received in Laboratory by	Company:	Date/Time:

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Eurofins Environment Testing Northern Cali

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Chain of Custody Record for
Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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202274

Eurofins Environment Testing

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC, Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

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Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: 3/15/2022	COC No: 4
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	4 of 4 COCs
Address:2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs, method 8260/5035	TPH-d, method 8015 with silica gel cleanup	CCR Title 22 metals method 6010/7471	HOLD	Sample Specific Notes:
HA-7-S-3.5	3/14/2022	1100	G	S	4	N	N				X	Terracores frozen at 1945 on 3/15/22
HA-9-S-2.5	3/14/2022	1310	G	S	4	N	N				X	
HA-13-S-2.5	3/15/2022	1030	G	S	4	N	N				X	
HA-16-S-1 75	3/15/2022	1330	G	S	4	N	N				X	
HA-17-S-2.5	3/15/2022	1440	G	S	4	N	N				X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4; 4=HNO3; 5=NaOH, 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments: Send results to vbajsarowicz@haleyaldrich.com, Jboyer@haleyaldrich.com zstephens@haleyaldrich.com

Custody Seals intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No._____

Relinquished by:	Company: H+A	Date/Time: 3/15/22 1000	Received by: Akash Cavever	Company: H+A	Date/Time: 3/16/22 0735
Relinquished by: Akash Cavever	Company: H+A	Date/Time: 3/16/22 0945	Received by:	Company: EAST	Date/Time: 3-16-22 945
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Rev. 1.5 dated 11/17/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-262851.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn.Heathcote@Eurofinset.com	State of Origin: California	Page: Page 1 of 3
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - California		Job #: 320-85798-1
Address: 880 Riverside Parkway,	Due Date Requested: 3/22/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: SteelWave	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury Only	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_SGC (MOD) DRO/MRO	8260B/5030B (MOD) VOCs, Standard List	8260B/CA_LUFTMS/5030B GRO C4-C12	8015B_DRO/3510C_SGC (MOD) DRO/MRO	6010B/3050B CAM 17 List, minus Mercury (Hold)	7471A/7471A_Prep Mercury Only (Hold)	8260B/5035A_FW_7_Calc VOCs, Standard List (Hold)	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12 (Hold)	8015B_DRO/3550B_SGC (MOD) DRO/MRO (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
HA-6-S-2.5 (320-85798-1)	3/14/22	09:20 Pacific		Solid			X	X	X	X	X									4	
HA-7-S-5.5 (320-85798-2)	3/14/22	10:55 Pacific		Solid			X	X	X	X	X									4	
HA-8-S-3.5 (320-85798-3)	3/14/22	11:50 Pacific		Solid			X	X	X	X	X									4	
HA-9-S-5.0 (320-85798-4)	3/14/22	13:05 Pacific		Solid			X	X	X	X	X									4	
HA-10-S-3.5 (320-85798-5)	3/14/22	14:00 Pacific		Solid			X	X	X	X	X									4	
HA-11-S-5.5 (320-85798-6)	3/14/22	15:00 Pacific		Solid			X	X	X	X	X									4	
HA-12-S-3.75 (320-85798-7)	3/15/22	09:30 Pacific		Solid			X	X	X	X	X									4	
HA-12-S-2.5 (320-85798-8)	3/15/22	09:30 Pacific		Solid			X	X	X	X	X									4	
HA-13-S-4.5 (320-85798-9)	3/15/22	10:35 Pacific		Solid			X	X	X	X	X									4	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northern California, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northern California, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	3-16-22 1610	SJ		3-16-22 1610	DXS
Relinquished by:	3/16/22 1905	DCS		3-16-22 1905	EETSAC
Relinquished by:					

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0, 2.2, 1.6

Ver: 06/08/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-262851.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn.Heathcote@Eurofinset.com	State of Origin: California	Page: Page 2 of 3
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - California		Job #: 320-85798-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 3/22/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: SteelWave	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury Only	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_SGC (MOD) DRO/MRO	8260B/5030B (MOD) VOCs, Standard List	8260B/CA_LUFTMS/5030B GRO C4-C12	8015B_DRO/3510C_SGC (MOD) DRO/MRO	6010B/3050B CAM 17 List, minus Mercury (Hold)	7471A/7471A_Prep Mercury Only (Hold)	8260B/5035A_FW_7_Calc VOCs, Standard List (Hold)	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12 (Hold)	8015B_DRO/3550B_SGC (MOD) DRO/MRO (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
HA-15-S-4.0 (320-85798-10)	3/15/22	11:35 Pacific		Solid			X	X	X	X	X									4	
HA-16-S-10 (320-85798-11)	3/15/22	13:30 Pacific		Solid			X	X	X	X	X									4	
HA-17-S-8.0 (320-85798-12)	3/15/22	14:37 Pacific		Solid			X	X	X	X	X									4	
HA-6-GW (320-85798-13)	3/14/22	09:30 Pacific		Water								X	X	X						4	
HA-7-GW (320-85798-14)	3/14/22	11:05 Pacific		Water								X	X	X						4	
HA-11-GW (320-85798-15)	3/14/22	15:15 Pacific		Water								X	X	X						4	
HA-12-GW (320-85798-16)	3/15/22	09:50 Pacific		Water								X	X	X						5	
HA-17-GW (320-85798-17)	3/15/22	15:30 Pacific		Water								X	X	X						4	
HA-16-GW (320-85798-18)	3/15/22	16:55 Pacific		Water								X	X							1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northern California, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northern California, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California, LLC

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		3-16-22 1610	SJ		3-16-22 1610	DCS
2		3/16/22 1905	DCS		3-16-22 1905	EETSAC
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0, 2.2, 1.6

Ver: 06/08/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-262851.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn.Heathcote@Eurofinset.com	State of Origin: California	Page: Page 3 of 3
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - California		Job #: 320-85798-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 3/22/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: SteelWave	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury Only	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_SGC (MOD) DRO/MRO	8260B/5030B (MOD) VOCs, Standard List	8260B/CA_LUFTMS/5030B GRO C4-C12	8015B_DRO/3510C_SGC (MOD) DRO/MRO	6010B/3050B CAM 17 List, minus Mercury (Hold)	7471A/7471A_Prep Mercury Only (Hold)	8260B/5035A_FW_7_Calc VOCs, Standard List (Hold)	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12 (Hold)	8015B_DRO/3550B_SGC (MOD) DRO/MRO (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
HA-7-S-3.5 (320-85798-19)	3/14/22	11:00 Pacific		Solid											X	X	X	X	X	4	
HA-9-S-2.5 (320-85798-20)	3/14/22	13:10 Pacific		Solid											X	X	X	X	X	4	
HA-13-S-2.5 (320-85798-21)	3/15/22	10:30 Pacific		Solid											X	X	X	X	X	4	
HA-16-S-1.75 (320-85798-22)	3/15/22	13:30 Pacific		Solid											X	X	X	X	X	4	
HA-17-S-2.5 (320-85798-23)	3/15/22	14:40 Pacific		Solid											X	X	X	X	X	4	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northern California, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northern California, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	3-16-22 1610	SJ	[signature]	3-16-22 1610	DCS
2	[signature]	3/16/22 1905	DCS	[signature]	3-16-22 1905	EEISAC
3	[signature]	3/16/22	DCS	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0, 2.2, 1.6

Ver: 06/08/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento CA 95605
Phone 916-373-5600 Fax 916-372-1059

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler	Lab PM: Heathcote Lee Ann	Carrier Tracking No(s):	COC No: 320-265250 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn Heathcote@et.eurofinsus com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State - California		Job #: 320-85798-3
Address: 2841 Dow Avenue Suite 100	Due Date Requested: 4/11/2022			
City: Tustin	TAT Requested (days):			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #:			
Email	WO #:			
Project Name: SteelWave 101 and 131 Terminal S San Francisco	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	7196A/3060A (MOD) Copy Analytes	7196A_CR3/ Trivalent Chromium	Total Number of containers	Special Instructions/Note
			Preservation Code:							
HA-6-S-2 5 (320-85798-1)	3/14/22	09 20 Pacific		Solid			X	X	1	Use 6010 Cr result from Sacramento
HA-8-S-3 5 (320-85798-3)	3/14/22	11 50 Pacific		Solid			X	X	1	
HA-10-S-3 5 (320-85798-5)	3/14/22	14 00 Pacific		Solid			X	X	1	
HA-12-S-2 5 (320-85798-8)	3/15/22	09 30 Pacific		Solid			X	X	1	
HA-13-S-4 5 (320-85798-9)	3/15/22	10 35 Pacific		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Northern California LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Northern California LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	4/5/22 1630	EEPSAC	Olga Cineles	4/6/22 0935	EEC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 2.9/1.4 SCG

Ver: 06/08/2021

4/26/2022

Eurofins Sacramento
880 Riverside Parkway
West Sacramento CA 95605
Phone 916-373-5600 Fax. 916-372-1059

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote Lee Ann	Carrier Tracking No(s):	COC No. 320-265399 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn Heathcote@et.eurofinsus com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State - California		Job #: 320-85798-3
Address: 2841 Dow Avenue Suite 100	Due Date Requested: 4/11/2022			
City: Tustin	TAT Requested (days):			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #:			
Email:	WO #:			
Project Name: SteelWave 101 and 131 Terminal S San Francisco	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A HCL	M Hexane
B NaOH	N None
C Zn Acetate	O AsNaO2
D Nitric Acid	P Na2O4S
E - NaHSO4	Q Na2SO3
F MeOH	R Na2S2O3
G Amchlor	S H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I Ice	U Acetone
J - DI Water	V MCAA
K EDTA	W pH 4-5
L EDA	Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	7196A/3060A (MOD) Copy Analytes	7196A_CR3/ Trivalent Chromium	Total Number of containers	Special Instructions/Note
			Preservation Code:							
HA-9-S-5 0 (320-85798-4)	3/14/22	13 05 Pacific		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Northern California, LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Northern California LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III, IV Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time.	Company
1	[signature]	4/6/22 1630	BETSAC	Olga Cinelos	4/7/22 0940	EC
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time.	Company
3	Relinquished by:	Date/Time	Company	Received by:	Date/Time.	Company

Custody Seals Intact:	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
☐ Yes ☐ No		2.9/1.4 SC6

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-85798-3

Login Number: 85798
List Number: 1
Creator: Mullen, Joan

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-85798-3

Login Number: 85798
List Number: 2
Creator: Cahill, Nicholas P

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0c, 2.2c, 1.6c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-85798-3

Login Number: 85798
List Number: 3
Creator: Ornelas, Olga

List Source: Eurofins Calscience
List Creation: 04/06/22 01:26 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-85798-3

Login Number: 85798
List Number: 4
Creator: Ornelas, Olga

List Source: Eurofins Calscience
List Creation: 04/07/22 12:28 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-85798-4
Client Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco
Revision: 1

For:
Haley & Aldrich, Inc.
2107 N. 1st Street
Suite 380
San Jose, California 95131-2028

Attn: Ms. Jennifer Boyer

Authorized for release by:
4/26/2022 7:31:44 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@et.eurofinsus.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Haley & Aldrich, Inc.
Job ID: 320-85798-4
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-4

Laboratory: Eurofins Sacramento

Narrative

Job Narrative
320-85798-4

Revision
This report was revised on 4/26/2022 to add Lead (Pb) to list of metals analyzed by STLC and TCLP, per client request.

Comments
On 3/24/2022 the client requested STLC and TCLP leachate procedures be performed on sample "HA-17-S8.0" (320-85798-12) for Chromium, Copper and Zinc.

Receipt
The samples were received on 3/16/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-4

Client Sample ID: HA-17-S-8.0 — Lab Sample ID: 320-85798-12

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Zinc	0.69		0.20		mg/L	1		6010B	TCLP
Chromium	0.39		0.10		mg/L	10		6010B	STLC Citrate
Copper	0.26		0.10		mg/L	10		6010B	STLC Citrate
Zinc	7.2		0.10		mg/L	10		6010B	STLC Citrate
Lead	1.4		0.10		mg/L	10		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-4

Client Sample ID: HA-17-S-8.0

Date Collected: 03/15/22 14:37
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-12

Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10		mg/L		04/18/22 06:00	04/18/22 13:58	1
Copper	ND		0.20		mg/L		04/18/22 06:00	04/18/22 13:58	1
Zinc	**0.69**		0.20		mg/L		04/18/22 06:00	04/18/22 13:58	1
Lead	ND		0.50		mg/L		04/18/22 06:00	04/18/22 13:58	1

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.39**		0.10		mg/L			04/19/22 11:12	10
Copper	**0.26**		0.10		mg/L			04/19/22 11:12	10
Zinc	**7.2**		0.10		mg/L			04/19/22 11:12	10
Lead	**1.4**		0.10		mg/L			04/19/22 11:12	10

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 320-580885/1-A
Matrix: Solid
Analysis Batch: 581114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 580885

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.020		mg/L		04/18/22 06:00	04/18/22 13:08	1
Copper	ND		0.040		mg/L		04/18/22 06:00	04/18/22 13:08	1
Zinc	ND		0.040		mg/L		04/18/22 06:00	04/18/22 13:08	1
Lead	ND		0.10		mg/L		04/18/22 06:00	04/18/22 13:08	1

Lab Sample ID: LCS 320-580885/2-A
Matrix: Solid
Analysis Batch: 581114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 580885

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium			0.250	0.230		mg/L		92	84 - 114		
Copper			0.250	0.232		mg/L		93	75 - 125		
Zinc			0.499	0.475		mg/L		95	75 - 125		
Lead			0.250	0.231		mg/L		92	86 - 111		

Lab Sample ID: LB 320-580677/1-C
Matrix: Solid
Analysis Batch: 581114

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 580885

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10		mg/L		04/18/22 06:00	04/18/22 13:23	1
Copper	ND		0.20		mg/L		04/18/22 06:00	04/18/22 13:23	1
Zinc	ND		0.20		mg/L		04/18/22 06:00	04/18/22 13:23	1
Lead	ND		0.50		mg/L		04/18/22 06:00	04/18/22 13:23	1

Lab Sample ID: LB 320-580605/1-A ^10
Matrix: Solid
Analysis Batch: 581267

Client Sample ID: Method Blank
Prep Type: STLC Citrate

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10		mg/L			04/19/22 10:05	10
Copper	ND		0.10		mg/L			04/19/22 10:05	10
Zinc	ND		0.10		mg/L			04/19/22 10:05	10
Lead	ND		0.10		mg/L			04/19/22 10:05	10

Lab Sample ID: LCS 320-580605/2-A ^10
Matrix: Solid
Analysis Batch: 581267

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium			1.00	0.963		mg/L		96	75 - 125		
Copper			1.00	0.973		mg/L		97	75 - 125		
Zinc			0.999	1.02		mg/L		102	75 - 125		
Lead			1.00	0.893		mg/L		89	75 - 125		

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 320-580605/3-A
Matrix: Solid
Analysis Batch: 581267

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium			1.00	0.987		mg/L		99	75 - 125	3	20
Copper			1.00	0.988		mg/L		99	75 - 125	2	20
Zinc			0.999	1.03		mg/L		104	75 - 125	2	20
Lead			1.00	0.906		mg/L		91	75 - 125	2	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-4

Metals

Leach Batch: 580605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-12	HA-17-S-8.0	STLC Citrate	Solid	CA WET Citrate	
LB 320-580605/1-A ^10	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 320-580605/2-A ^10	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 320-580605/3-A	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Leach Batch: 580677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-12	HA-17-S-8.0	TCLP	Solid	1311	
LB 320-580677/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 580885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-12	HA-17-S-8.0	TCLP	Solid	3010A	580677
LB 320-580677/1-C	Method Blank	TCLP	Solid	3010A	580677
MB 320-580885/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 320-580885/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 581114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-12	HA-17-S-8.0	TCLP	Solid	6010B	580885
LB 320-580677/1-C	Method Blank	TCLP	Solid	6010B	580885
MB 320-580885/1-A	Method Blank	Total/NA	Solid	6010B	580885
LCS 320-580885/2-A	Lab Control Sample	Total/NA	Solid	6010B	580885

Analysis Batch: 581267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-85798-12	HA-17-S-8.0	STLC Citrate	Solid	6010B	580605
LB 320-580605/1-A ^10	Method Blank	STLC Citrate	Solid	6010B	580605
LCS 320-580605/2-A ^10	Lab Control Sample	STLC Citrate	Solid	6010B	580605
LCSD 320-580605/3-A	Lab Control Sample Dup	STLC Citrate	Solid	6010B	580605

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-4

Client Sample ID: HA-17-S-8.0

Date Collected: 03/15/22 14:37
Date Received: 03/16/22 09:45

Lab Sample ID: 320-85798-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.40 g	500 mL	580605	04/16/22 15:15	DPM	TAL SAC
STLC Citrate	Analysis	6010B		10			581267	04/19/22 11:12	SP	TAL SAC
TCLP	Leach	1311			100.17 g	2000 mL	580677	04/16/22 17:15	DPM	TAL SAC
TCLP	Prep	3010A			10 mL	50 mL	580885	04/18/22 06:00	NIM	TAL SAC
TCLP	Analysis	6010B		1			581114	04/18/22 13:58	SP	TAL SAC

Laboratory References:

TAL SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-4

Laboratory: Eurofins Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-23

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-4

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SAC
1311	TCLP Extraction	SW846	TAL SAC
3010A	Preparation, Total Metals	SW846	TAL SAC
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL SAC

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: SteelWave 101 and 131 Terminal, S. San Francisco

Job ID: 320-85798-4

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-85798-12	HA-17-S-8.0	Solid	03/15/22 14:37	03/16/22 09:45

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880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467 7248

Chain of Custody Record for
Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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Eurofins Environment Testing

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC, Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: ~~3/15/2022~~ 3/16/22	COC No: 1
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	1 of 1 COCs
Address: 2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip: Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			Job / SDG No.
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs, method 8260/5035	TPH-d, method 8015 with silica gel cleanup	CCR Title 22 metals method 6010/7471	TPH-g and VOCs method 8260	HOLD	Sample Specific Notes:
HA-6-S-2.5	3/14/2022	0920	G	S	4	N	N	X	X	X			Terracores frozen at 1945 on 3/15/22
HA-7-S-5.5	3/14/2022	1055	G	S	4	N	N	X	X	X			
HA-8-S-3.5	3/14/2022	1150	G	S	4	N	N	X	X	X			
HA-9-S-5.0	3/14/2022	1305	G	S	4	N	N	X	X	X			
HA-10-S-3.5	3/14/2022	1400	G	S	4	N	N	X	X	X			
HA-11-S-5.5	3/14/2022	1500	G	S	4	N	N	X	X	X			

320-85798 Chain of Custody

Preservation Used. 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Send results to vbajsarowicz@haleyaldrich.com Jboyer@haleyaldrich.com, zstephens@haleyaldrich.com

3.8°C

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by: [signature]	Company: H&A	Date/Time: 2000 3/15/22	Received by: Akash Coveney	Company: H&A	Date/Time: 3/16/22 0735
Relinquished by: Akash Coveney	Company: H&A 0945	Date/Time: 3/16/22 0945	Received by: [signature]	Company: EETASC	Date/Time: 3-16-22 945
Relinquished by	Company	Date/Time:	Received in Laboratory by:	Company	Date/Time:

Rev. 1.5 dated 11/17/2021

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Chain of Custody Record for

Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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Eurofins Environment Testing

Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

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Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: 3/15/2022	COC No: 2
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	2 of 4 COCs
Address:2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip: Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No.
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs, method 8260/5035	TPH-d, method 8015 with silica gel cleanup	CCR Title 22 metals method 6010/7471	TPH-g and VOCs method 8260	HOLD	Sample Specific Notes:
HA-12-S-3.75	3/15/2022	0930	G	S	4	N	N	X	X	X			Terracores Frozen at 1945 on 3/15/22
HA-12-S-2.5	3/15/2022	0930	G	S	4	N	N	X	X	X			
HA-13-S-4.5	3/15/2022	1035	G	S	4	N	N	X	X	X			
HA-15-S-4.0	3/15/2022	1135	G	S	4	N	N	X	X	X			
HA-16-S-10	3/15/2022	1330	G	S	4	N	N	X	X	X			
HA-17-S-8.0	3/15/2022	1437	G	S	4	N	N	X	X	X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return to Client ☐ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments: Send results to vbajsarowicz@haleyaldrich.com Jboyer@haleyaldrich.com zstephens@haleyaldrich.com

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: H&A	Date/Time: 3/15/22 2000	Received by: Akash Caverey	Company: H&H	Date/Time: 3/16/22 0735
Relinquished by: Akash Caverey	Company: H&H	Date/Time: 3/16/22 0745	Received by:	Company: EAS	Date/Time: 3-16-22 945
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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Chain of Custody Record for
Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC, Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: 3/15/2022	COC No: 3
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	3 of 4 COCs
Address:2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip: Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TPH-g and VOCs method 8260	TPH-d method 8015 with silica gel cleanup	HOLD	Sample Specific Notes:
HA-6-GW	3/14/2022	0930	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-7-GW	3/14/2022	1105	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-11-GW	3/14/2022	1515	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-12-GW	3/15/2022	0950	G	W	5	N	N	X	X		
HA-17-GW	3/15/2022	1530	G	W	4	N	N	X	X		Only one 1-Liter amber
HA-16-GW	3/15/2022	1655	G	W	1	N	N	X	X		Only one VOA

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Please contact Jen Boyer at Jboyer@haleyaldrich.com regarding options for HA-16-GW Send results to vbajsarowicz@haleyaldrich.com Jboyer@haleyaldrich.com, zstephens@haleyaldrich.com

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C) Obs'd:_____ Corr'd:_____ Therm ID No.:_____

	Company	Date/Time		Company	Date/Time
Relinquished by:	H&A	3/15/22 2000	Received by: Akash Cavenev	H&A	3/16/22 0735
Relinquished by: Akash Cavenev	H&A	3/16/22 0945	Received by:	EPAS	3-16-22 945
Relinquished by:	Company	Date/Time:	Received in Laboratory by	Company:	Date/Time:

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Chain of Custody Record for
Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

320-85798

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Eurofins Environment Testing

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-24 by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins Northern California, LLC and its named affiliates, Eurofins Environment Testing Northeast, LLC, Eurofins Environment Testing North Central, LLC and Eurofins Environment Testing Southwest, LLC.

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Client Contact	H&A Project Manager: Jennifer Boyer	H&A Site Contact: Zach Stephens	Date: 3/15/2022	COC No: 4
Haley & Aldrich	Tel/Fax: C: (971) 277.8945	Lab Contact: Lee Ann Heathcote	Carrier:	4 of 4 COCs
Address:2033 North Main Street | Suite 309	Analysis Turnaround Time			Sampler: Zach Stephens
City/State/Zip Walnut Creek, CA 94596	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (925) 949-1012	TAT if different from Below: 5 Day			Walk-in Client:
FAX: (925) 979-1456	☐ 2 weeks			Lab Sampling:
H&A Project Number 0204962-000-002-02	☐ 1 week			
Site: Steelwave 101 & 131 Terminal Ct	☐ 2 days			Job / SDG No
H&A P O # 0204962-000-002-02	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TPH-g and VOCs, method 8260/5035	TPH-d, method 8015 with silica gel cleanup	CCR Title 22 metals method 6010/7471	HOLD	Sample Specific Notes:
HA-7-S-3.5	3/14/2022	1100	G	S	4	N	N				X	Terracores frozen at 1945 on 3/15/22
HA-9-S-2.5	3/14/2022	1310	G	S	4	N	N				X	
HA-13-S-2.5	3/15/2022	1030	G	S	4	N	N				X	
HA-16-S-1 75	3/15/2022	1330	G	S	4	N	N				X	
HA-17-S-2.5	3/15/2022	1440	G	S	4	N	N				X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4; 4=HNO3; 5=NaOH, 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments: Send results to vbajsarowicz@haleyaldrich.com, Jboyer@haleyaldrich.com zstephens@haleyaldrich.com

Custody Seals intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company: H+A	Date/Time: 3/15/22 1000	Received by: Akash Cavaver	Company: H+A	Date/Time: 3/16/22 0735
Relinquished by: Akash Cavaver	Company: H+A	Date/Time: 3/16/22 0945	Received by:	Company: EAST	Date/Time: 3-16-22 945
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Rev. 1.5 dated 11/17/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-262851.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn.Heathcote@Eurofinset.com	State of Origin: California	Page: Page 1 of 3
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - California		Job #: 320-85798-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 3/22/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: SteelWave	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury Only	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_SGC (MOD) DRO/MRO	8260B/5030B (MOD) VOCs, Standard List	8260B/CA_LUFTMS/5030B GRO C4-C12	8015B_DRO/3510C_SGC (MOD) DRO/MRO	6010B/3050B CAM 17 List, minus Mercury (Hold)	7471A/7471A_Prep Mercury Only (Hold)	8260B/5035A_FW_7_Calc VOCs, Standard List (Hold)	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12 (Hold)	8015B_DRO/3550B_SGC (MOD) DRO/MRO (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
HA-6-S-2.5 (320-85798-1)	3/14/22	09:20 Pacific		Solid			X	X	X	X	X									4	
HA-7-S-5.5 (320-85798-2)	3/14/22	10:55 Pacific		Solid			X	X	X	X	X									4	
HA-8-S-3.5 (320-85798-3)	3/14/22	11:50 Pacific		Solid			X	X	X	X	X									4	
HA-9-S-5.0 (320-85798-4)	3/14/22	13:05 Pacific		Solid			X	X	X	X	X									4	
HA-10-S-3.5 (320-85798-5)	3/14/22	14:00 Pacific		Solid			X	X	X	X	X									4	
HA-11-S-5.5 (320-85798-6)	3/14/22	15:00 Pacific		Solid			X	X	X	X	X									4	
HA-12-S-3.75 (320-85798-7)	3/15/22	09:30 Pacific		Solid			X	X	X	X	X									4	
HA-12-S-2.5 (320-85798-8)	3/15/22	09:30 Pacific		Solid			X	X	X	X	X									4	
HA-13-S-4.5 (320-85798-9)	3/15/22	10:35 Pacific		Solid			X	X	X	X	X									4	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northern California, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northern California, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	3-16-22 1610	SJ		3-16-22 1610	DXS
Relinquished by:	3/16/22 1905	DCS		3-16-22 1905	EETSAC
Relinquished by:					

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0, 2.2, 1.6

Ver: 06/08/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-262851.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn.Heathcote@Eurofinset.com	State of Origin: California	Page: Page 2 of 3
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - California		Job #: 320-85798-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 3/22/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: SteelWave	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury Only	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_SGC (MOD) DRO/MRO	8260B/5030B (MOD) VOCs, Standard List	8260B/CA_LUFTMS/5030B GRO C4-C12	8015B_DRO/3510C_SGC (MOD) DRO/MRO	6010B/3050B CAM 17 List, minus Mercury (Hold)	7471A/7471A_Prep Mercury Only (Hold)	8260B/5035A_FW_7_Calc VOCs, Standard List (Hold)	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12 (Hold)	8015B_DRO/3550B_SGC (MOD) DRO/MRO (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
HA-15-S-4.0 (320-85798-10)	3/15/22	11:35 Pacific		Solid			X	X	X	X	X									4	
HA-16-S-10 (320-85798-11)	3/15/22	13:30 Pacific		Solid			X	X	X	X	X									4	
HA-17-S-8.0 (320-85798-12)	3/15/22	14:37 Pacific		Solid			X	X	X	X	X									4	
HA-6-GW (320-85798-13)	3/14/22	09:30 Pacific		Water								X	X	X						4	
HA-7-GW (320-85798-14)	3/14/22	11:05 Pacific		Water								X	X	X						4	
HA-11-GW (320-85798-15)	3/14/22	15:15 Pacific		Water								X	X	X						4	
HA-12-GW (320-85798-16)	3/15/22	09:50 Pacific		Water								X	X	X						5	
HA-17-GW (320-85798-17)	3/15/22	15:30 Pacific		Water								X	X	X						4	
HA-16-GW (320-85798-18)	3/15/22	16:55 Pacific		Water								X	X							1	

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Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		3-16-22 1610	SJ		3-16-22 1610	DCS
2		3/16/22 1905	DCS		3-16-22 1905	EETSAC
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0, 2.2, 1.6

Ver: 06/08/2021

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-262851.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: LeeAnn.Heathcote@Eurofinset.com	State of Origin: California	Page: Page 3 of 3
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - California		Job #: 320-85798-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 3/22/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: SteelWave	Project #: 32017387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
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Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury Only	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_SGC (MOD) DRO/MRO	8260B/5030B (MOD) VOCs, Standard List	8260B/CA_LUFTMS/5030B GRO C4-C12	8015B_DRO/3510C_SGC (MOD) DRO/MRO	6010B/3050B CAM 17 List, minus Mercury (Hold)	7471A/7471A_Prep Mercury Only (Hold)	8260B/5035A_FW_7_Calc VOCs, Standard List (Hold)	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO C4-C12 (Hold)	8015B_DRO/3550B_SGC (MOD) DRO/MRO (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
HA-7-S-3.5 (320-85798-19)	3/14/22	11:00 Pacific		Solid											X	X	X	X	X	4	
HA-9-S-2.5 (320-85798-20)	3/14/22	13:10 Pacific		Solid											X	X	X	X	X	4	
HA-13-S-2.5 (320-85798-21)	3/15/22	10:30 Pacific		Solid											X	X	X	X	X	4	
HA-16-S-1.75 (320-85798-22)	3/15/22	13:30 Pacific		Solid											X	X	X	X	X	4	
HA-17-S-2.5 (320-85798-23)	3/15/22	14:40 Pacific		Solid											X	X	X	X	X	4	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northern California, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northern California, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northern California, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northern California, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
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Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3-16-22 1610	SJ		3-16-22 1610	DCS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3/16/22 1905	DCS		3-16-22 1905	EEISAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0, 2.2, 1.6

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-85798-4

Login Number: 85798
List Number: 1
Creator: Mullen, Joan

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-85798-4

Login Number: 85798
List Number: 2
Creator: Cahill, Nicholas P

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0c, 2.2c, 1.6c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D
Previous Reports for 131 Terminal Court

SAN MATEO COUNTY
HEALTH SYSTEM

March 27, 2014

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr. c/o Janet Heikel
janeth@ogpinc.net
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: CASE CLOSURE, REMEDIAL ACTION OVERSIGHT, FORMER OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

This letter confirms the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tanks site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or

- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Heather Forshey, MS, REHS
Environmental Health Director

cc: Jolanta Uchman, RWQCB, jolanta.uchman@waterboards.ca.gov
Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandaa@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080

SAN MATEO COUNTY
HEALTH SYSTEM

March 27, 2014

SMCo Site # 550158
APN 015-113-210

Jim Kirkman
Chief Building Official
315 Maple Avenue
South San Francisco, CA 94080

SUBJECT: RESIDUAL HYDROCARBONs AT FORMER OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT, SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Kirkman:

The attached case closure letter was prepared by the San Mateo County Environmental Health Department Groundwater Protection Program (GPP) with the tacit approval of the California Regional Water Quality Control Board (CRWQCB). Although site closure was granted, an amount of hydrocarbon-affected soil and groundwater may exist at the subject site near the former fueling facility (see attached Figure). Although these hydrocarbons do not appear to pose a risk to public health and the environment under existing land use conditions, changes in land use or removal of soil and groundwater from the affected area may create a risk. Therefore, any proposed change in land use or proposed soil or groundwater removal activity at or in close proximity to the subject site must be submitted to the GPP for our review under government code section 65850.2 so we can evaluate whether the residual contaminates will likely pose a risk to public health and the environment if the proposed activities are implemented. The costs to evaluate the potential public health or environmental impacts of the proposed land use or construction activity in relation to the residual contaminants will be billed directly to the entity initiating the activity requiring our review.

Please call me at (650) 372-6298 if you have any questions. Thank you for your cooperation.

Sincerely,

Jacob Madden, PG
Hazardous Materials Specialist
Groundwater Protection Program

attachment

cc: Janet Heikel, Olympian Oil Company, janeth@ogpinc.net
Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandaa@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080

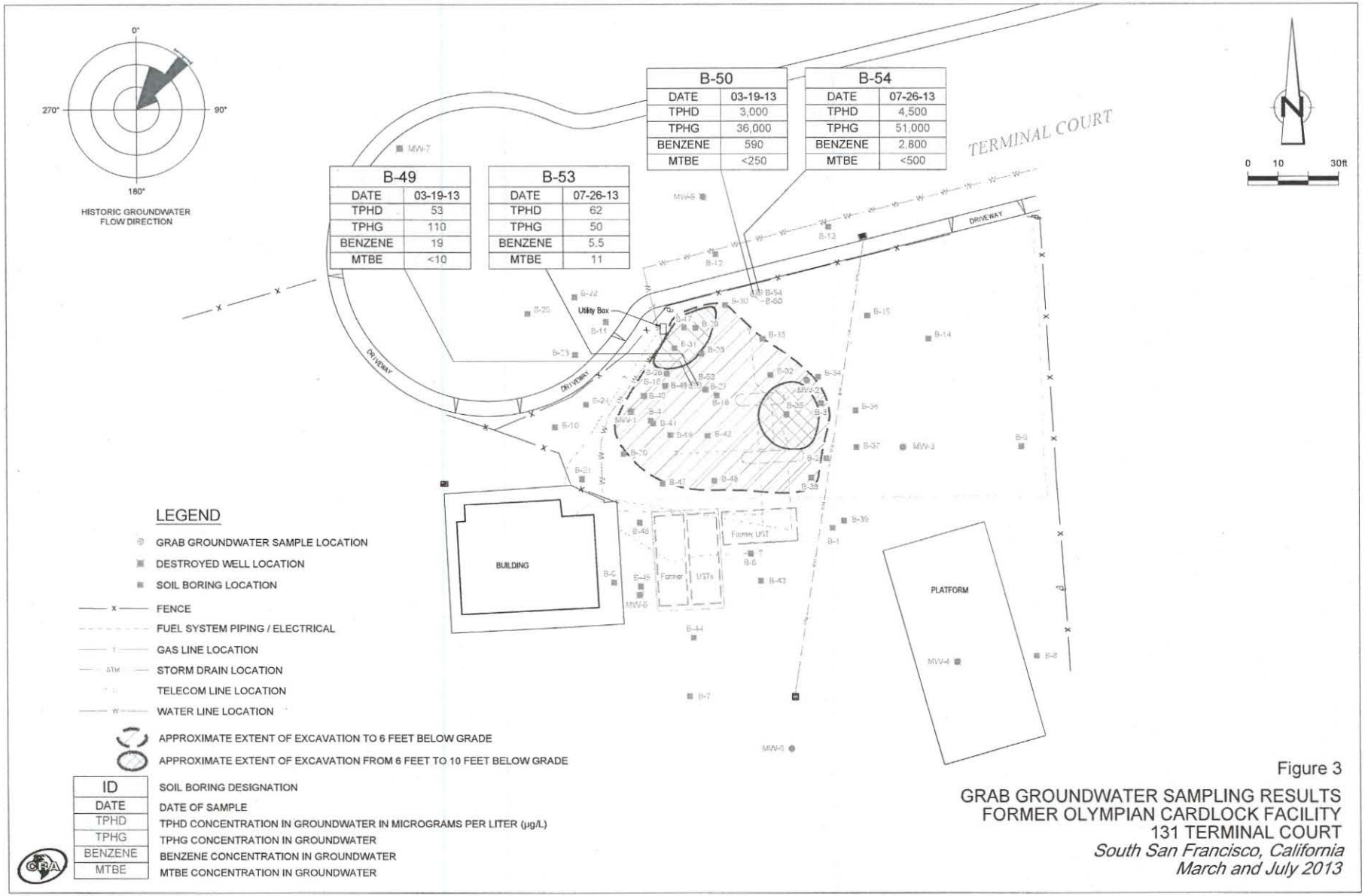

Figure 3

GRAB GROUNDWATER SAMPLING RESULTS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March and July 2013

161558-142(012)GN-EM006 OCT 09/2013

SAN MATEO COUNTY CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANKS PROGRAM

I. AGENCY INFORMATION

San Mateo County Health Department Groundwater Protection
2000 Alameda de las Pulgas, San Mateo, CA 94403
County Project Manager: Jacob Madden
Title: Hazardous Materials Specialist III
Telephone Number: (650) 372-6298

Response requested by
JAN 5 2014

II. CASE INFORMATION

Site Name: Olympian Produce Terminal Cardlock (former).
Site Address: 131 Terminal Ct., South San Francisco, APN 015-113-210

RB LUSTIS Case #: 41-4032	*Local Case #:* 550158	LOP Case #: 550158
URF Filing Date: 10/27/1994	*Record ID #:* ~~1397~~ 1695	*Global ID* T0608126439

Responsible Party Information

Olympian JV c/o Janet Heikel

Name	*Address*	*Phone #*
Fred Bertetta Jr. C/O Janet Heikel	1300 Industrial Rd. Suite 2, San Carlos, CA 94070	

Tank Information

Tank #	*Size in Gallons*	*Contents*	*Closed-In Place/ Removed*	*Date*
1	10,000	Diesel	Removed	10/2012
2	10,000	Diesel	Removed	10/2012
3	6,000	Gasoline	Removed	10/2012

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown
Site Characterization Complete? Yes
Date Approved by Oversight Agency: 5/30/2012
Number of Monitoring wells installed: 8 Proper screened interval? Yes
Highest GW depth BGS: 0.38 Lowest GW depth BGS: 5.16
Flow Direction: northeast
Most sensitive current use: Drinking water
Are Drinking Water affected? No Aquifer Name: Westside Basin
Is Surface Water Affected? No Nearest SW name: San Francisco Bay
Off-Site Beneficial use Impacts (Location): None
Report(s) on File? Yes Where is it filed? SMCo and Geotracker

Treatment and Disposal of Affected Material

Material	*Amount (Include units)*	*Action (Treatment or disposal w/destination)*	*Date*
Tanks	3- Tanks 2-10,000 and 6,000 gallon	Removed	10/2012
Piping	unk	Removed	10/2012
Soil	Approx.996 Tons	Disposal	12/2012

Maximum Documented Contaminant Concentrations - Before and After Cleanup

	SOIL (PPM)		**GROUNDWATER (PPB)**	
Contaminant	*Before*	*After*	*Before*	*After*
TPH-gasoline	5000 (B-26 @ 5 ft in 2012)	85 (B-30 @ 7.5 ft in 2012)	69,000	51,000
TPH-diesel	7600 (T-1 @2.5 ft in 1998)	58 (B-30 @ 7.5 ft in 2012)	200,000	4,500
MtBE	<25 (B-26 @ 5 ft in 2012)	<1 (B-30 @ 7.5 ft in 2012)	25000	<500
Benzene	56 (B-26 @ 5 ft in 2012)	0.66 (B-34 @ 5 ft in 2012)	6800	2800
Toluene	220 (B-26 @ 5 ft in 2012)	1.5 (B-30 @ 10 ft in 2012)	6200	7700
Ethylbenzene	80 (B-26 @ 5 ft in 2012)	0.89 (B-30 @ 5 ft in 2012)	2400	1300
Xylenes	410 (B-26 @ 5 ft in 2012)	4 (B-30 @ 10 ft in 2012)	5500	6800

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? *Yes*
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? *Yes*
Does corrective action protect public health for current land use? *Yes*
Site Management Requirements: *Yes, see comment below*
Should corrective action be reviewed if land use changes? *No*
Monitoring Wells to be Decommissioned? *0* Number Decommissioned: 8 Number Retained: 0

List Enforcement Actions Taken: *None*
List Enforcement Action Rescinded: *None*

V. RWQCB Notification

Date Submitted to RB: DEC 5 2013	*RB Response:*
RB Staff: Cheryl Prowell	*Title*: Water Resource Control Engineer

An unknown amount of hydrocarbon impacted soil, as well as impacted groundwater, Figure 1, remains in the subsurface at the site. City of South San Francisco Building Department has been notified that should excavation or development of the property be proposed that may encounter impacted soil or groundwater, San Mateo County Environmental Health Division must be notified as required by Government Code Section 65850.2.

Dean D. Peterson, Director, Environmental Health

12/4/13
Date

Figure 3

GRAB GROUNDWATER SAMPLING RESULTS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March and July 2013

161558-142(012)GN-EM006 OCT 09/2013

CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
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TRANSMITTAL

DATE: 10/9/2013

REFERENCE NO.: 161558

PROJECT NAME: 131 Terminal Court
South San Francisco, CA

TO: Mr. Jacob Madden
San Mateo County Environmental Health
2000 Alameda de las Pulgas, Suite 100
San Mateo, California 94403

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
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- ☐ Same Day Courier
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QUANTITY	DESCRIPTION
1	CASE CLOSURE REPORT

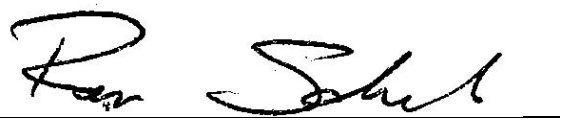
- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐

COMMENTS:

If you have any question regarding the content of this document, please contact Ron Scheele at (510) 420-3327

Copy to: Ms. Janet Heikel
Ms. Amanda Appelt
Mr. Primo Reppeto
Mr. James Schwartz

Completed by: Ron Scheele [Please Print]

Signed: 

Filing: **Correspondence File**

CASE CLOSURE REQUEST

FORMER OLYMPIAN STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

AGENCY CASE NO. 55014

Prepared by:
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OCTOBER 9, 2013
REF. NO. 161558 (13)
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CASE CLOSURE REQUEST

FORMER OLYMPIAN CARDLOCK STATION
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Prepared For:

Olympian JV

Dan Glaze

Ron Scheele, P.G.

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1.0 INTRODUCTION

On behalf of Olympian, JV (Olympian), Conestoga-Rovers & Associates (CRA) has prepared this *Case Closure Request* for the property (Site) located at 131 Terminal Court, South San Francisco, California (see **Figures 1 and 2**). This report also includes the results of recent post-remediation groundwater sampling which was proposed in CRA's *Remedial Action Completion Report* dated February 4, 2013 and approved by San Mateo County Environmental Health Department, Groundwater Protection Program (GPP) in a letter dated March 6, 2013 (see Appendix A). Presented below are the groundwater sampling activities and results, conceptual site model, low-threat UST case closure evaluation, and recommendations.

2.0 POST-REMEDIATION GROUNDWATER SAMPLING

2.1 FIELD ACTIVITIES

The objective of the groundwater sampling activities were to confirm groundwater conditions following the remedial soil excavation activities that were conducted in December 2012. Grab groundwater samples were collected during the wet and dry seasons. Grab groundwater samples were collected from soil borings drilled within and down gradient of the former source area. Grab groundwater sampling locations are shown on **Figure 3**.

Personnel Present: CRA's Staff Tim Dias supervised the installation and sampling of the four borings. All soil boring and sampling activities were overseen by CRA Senior Geologist Ron Scheele, a California Professional Geologist.

Permits: San Mateo County Environmental Health Department issued subsurface drilling permits for both soil boring activities. Copies of the permits are included in Appendix B.

Drilling Company: Woodward Drilling (C57# 916085) of Rio Vista California performed the borehole clearance, drilling and sampling activities.

Drilling Date: Drilling and sampling activities were performed on March 19, 2013 and July 26, 2013.

Utility Clearance: CRA marked out the proposed boring locations with white paint and notified underground service alert (USA) to have the utilities marked out. To avoid damaging any potential subsurface utilities, each boring was drilled using a hand auger.

Drilling and Groundwater Sampling Procedures: Each boring was drilled using a hand auger to approximately 1 to 2 ft below first encountered groundwater. Upon reaching the target boring depth, a new ¾-inch, PVC temporary screen casing was lowered into each boring and a grab groundwater sample was collected using a clean disposable tubing connected to a peristaltic pump. Grab groundwater samples were decanted into the appropriate sampling containers, labeled, placed on ice and transported to the laboratory under chain-of-custody procedures.

Groundwater Depths: Saturated soil was encountered between approximately 6.0 to 8.0 ft bgs.

Groundwater Analyses: Grab groundwater samples were analyzed for TPHd by EPA Method SW8015B (with the Dawn Zemo Separation Method with silica gel cleanup), TPHg by EPA Method 8015Bm, and BTEX/MTBE by EPA Method SW8021B by McCampbell Analytical of Pittsburg, CA, a state-certified laboratory. The laboratory analytical reports are included in Appendix C.

Geotracker: All required data was uploaded to the California State Water Resources Control Board's Geotracker database.

Waste Profiling and Disposal: Soil cuttings and waste water generated during drilling activities were temporarily stored onsite in DOT-approved 55-gallon drums. The waste was sampled and profiled into Potrero Hills Landfill, located in Suisun, California, for disposal. The waste manifest is included in Appendix D.

2.2 GRAB GROUNDWATER SAMPLING RESULTS

During the first groundwater sampling event on March 19, 2013, borings B-49 and B-50 were drilled and sampled. Boring B-49 was drilled in the center of the Site (former source area), and a grab groundwater sample was collected from the backfill material. Boring B-50 was drilled in the northeast edge of the Site, and a grab groundwater sample was collected from the native soil. Hydrocarbons in groundwater were detected in B-49 at the following concentrations: total petroleum hydrocarbon as diesel (TPHd) at 53 micrograms per liter (µg/L), total petroleum hydrocarbon as gasoline (TPHg) at 110 µg/L, and benzene at 19 µg/L and ethylbenzene at 0.64 µg/L. No toluene, xylenes

or MTBE were detected. Hydrocarbons in groundwater were detected in B-50 at the following concentrations: TPHd at 3,800 µg/L, TPHg at 36,000 µg/L, benzene at 590 µg/L, toluene at 2,100 µg/L, ethylbenzene at 670 µg/L, and xylenes at 3,400 µg/L. No MTBE was detected above the elevated laboratory reporting limits.

During the second groundwater sampling event on July 26, 2013, borings B-53 and B-54 were drilled and sampled. Boring B-53 was drilled in the center of the Site (former source area) and a grab groundwater sample was collected from the backfill material. Boring B-54 was also drilled in the northeast edge of the Site and a grab groundwater sample was collected from the native soil. Hydrocarbons in groundwater were detected in B-53 at the following concentrations: TPHd at 62 µg/L, TPHg at 50 µg/L, benzene at 5.5 µg/L and methyl tertiary butyl ether (MTBE) at 11 µg/L. No toluene, ethylbenzene or xylenes were detected. Hydrocarbons in groundwater were detected in B-54 at the following concentrations: TPHd at 4,500 µg/L, TPHg at 51,000 µg/L, benzene at 2,800 µg/L, toluene at 7,700 µg/L, ethylbenzene at 1,300 µg/L, and xylenes at 6,800 µg/L. No MTBE was detected above the elevated laboratory reporting limits.

Note that all grab groundwater samples were turbid and contained greater than 1% by volume of suspended sediments, particularly samples B-50 and B-54 which were collected from the native soils. Consequently, the dissolved-phase TPHg and benzene concentrations in samples collected from borings B-50 and B-54 are likely less than reported. Tabulated results are included on **Table 1** and shown on **Figure 3**.

3.0 CONCEPTUAL SITE MODEL

3.1 SITE BACKGROUND

3.1.1 SITE DESCRIPTION

The Site is located in a commercial/industrial area of South San Francisco at the intersection of Terminal Court and Produce Avenue. The property adjoins the Golden Gate Produce Terminal to the west and south, and the Park 'N' Fly parking lot to the east. The Bayshore Freeway, (California State Highway 101) is located approximately 200 feet (ft) east of the Site. The Site topography is relatively flat and is approximately 6 feet above mean sea level (ft msl).

3.1.2 SITE HISTORY

The property is owned by Golden Gate Produce. In 1982, the property was developed into a commercial cardlock fueling facility and leased to the Olympian Oil Company (Olympian). The facility consisted of two dispenser islands, two diesel underground storage tanks (USTs), and one gasoline UST. Olympian operated the commercial cardlock fueling facility until July 2002 when the facility was subleased leased to Nella Oil Company (Nella). Nella operated the commercial cardlock fueling facility until September 2012, at which point the UST system was removed.

3.2 PREVIOUS INVESTIGATIONS

Below is the chronology of previous site assessment, feasibility testing and remedial activities at the site. Historical soil analytical data are presented in **Table 2** and historical groundwater monitoring and analytical data are presented in **Table 3**.

***October 1998 Trench Sampling*:** During the product piping upgrade activities in October 1998, TEC Accutite (TEC) collected soil samples T-1 through T-3 from the piping trench at approximately 2.5 ft. bgs. TPHg, TPHd, benzene, and MTBE were detected in the soil at maximum concentrations of 7,600 milligrams per kilogram (mg/kg) TPHd; 2,400 mg/kg TPHg; 1 mg/kg benzene; and 9 mg/kg MTBE.

October 1999 Soil and Groundwater Investigation: To assess the subsurface condition, TEC advanced nine onsite soil borings (B-1 through B-9) and collected soil and grab groundwater samples. Maximum soil concentrations were detected at 280 mg/kg TPHd in boring B-2 at 4 ft bgs; 16 mg/kg TPHg in boring B-3 at 4 ft bgs, 0.063 mg/kg benzene in boring B-3 at 4 ft bgs; and 0.84 mg/kg MTBE in boring B-6 at 4 ft bgs. Maximum groundwater concentrations were detected in boring B-3 at 8,800 µg/L TPHd, 21,000 µg/L TPHg, and 1,200 µg/L benzene.

***March 2000 Monitoring Well Installations*:** On March 17, 2000, TEC drilled five soil borings (B-10 through B-14), and installed five monitoring wells (MW-1 to MW-5). Maximum soil concentrations of 780 mg/kg TPHg and 0.79 mg/kg benzene were detected in boring B-11 at 9 ft bgs. Maximum groundwater concentrations were detected in boring B-11 at 69 µg/L TPHd, 16,000 µg/L TPHg, and 850 µg/L benzene. No MTBE was detected above laboratory reporting limits in any of the groundwater samples.

***July 2001 Monitoring Well Installations*:** On July 2, 2001, TEC installed three groundwater monitoring wells (MW-6 through MW-8) to determine the down-gradient extent of the groundwater plume. No petroleum hydrocarbons were detected above laboratory reporting limits in soil. TPHd and MTBE were detected in groundwater at a maximum concentration of 700 µg/L in well MW-8, and 10 µg/L in well MW-6, respectively. No TPHg or benzene was detected in groundwater.

October 2002 Risk Assessment: On October 14, 2002, TEC submitted the *Impact Evaluation of the Subsurface Utilities as Preferential Pathway and Risk Assessment of the Impact of Groundwater Petroleum Hydrocarbons on Indoor Air*. TEC concluded and recommended the following: the benzene groundwater plume is limited onsite, near monitoring well MW-1, and the nearest utility lines on Terminal Court do not appear to impact the plume's path.

February 2003 Feasibility Study: On February 4, 2003, TEC submitted the *Feasibility Study for Groundwater Remediation*. TEC recommended in-situ groundwater bioremediation, specifically oxygen release compound (ORC) injections.

April 2003 Treatability Study Workplan: On April 10, 2003, TEC submitted the *Treatability Study Workplan for Groundwater Remediation* justifying the implementation of ORC injections, which was subsequently approved by SMCHD in a letter dated July 22, 2003.

October 2003 ORC Injections: On October 16, 2003, TEC oversaw the drilling of 16 direct-push soil borings (A through P) by Vironex to be used as ORC injection points. Borings A through E were advanced to 10 ft bgs, and borings F through P were advanced to 8 ft bgs. A 1,600 square foot treatment area consisting of 16 points on 10 foot spacing was used to inject 930 pounds of oxygen releasing compound (ORC) in the vicinity of MW-1. The ORC remedial technique proved ineffective. The event is summarized in TEC's November 10, 2004 *Remedial Action Report*.

July 2005 Site Dual-Phase Extraction (DPE): The Site was subsequently transferred to a new environmental consultant Ecologics. Ecologics performed interim remedial activities consisting of dual-phase extraction (DPE) at the Site. Insufficient documentation is available to evaluate the DPE activities, but Ecologics concluded that DPE remediation was ineffective.

May 2006 Remedial Action Workplan: On May 1, 2006, Ecologics submitted a workplan which proposed excavating the impacted soil in the vicinity of well MW-1.

August 2006 Consultant Change: In August 2006, Cambria Environmental Technology, Inc. (Cambria) was retained as the environmental consultant for the Site. Cambria was subsequently acquired by CRA in 2007.

September 2007 Site Assessment: In September 2007, CRA supervised the soil gas sampling from three locations and a grab groundwater sampling from soil boring B-15. Due to elevated hydrocarbon concentrations, CRA recommended that a feasibility study be conducted to determine the most cost effective way to remediate the hydrocarbons remaining at the Site. Details are documented in CRA's *Site Assessment Report* dated May 30, 2008.

May 2010 Site Assessment: In May 2010, CRA supervised the drilling of 10 soil borings (B-16 through B-25) to delineate the extent of hydrocarbons around the fuel system. Results indicated that elevated hydrocarbon concentrations were present in soil primarily northwest of the northern most dispenser island. Elevated hydrocarbon concentrations (gasoline and diesel) were detected primarily between 2.5 and 5.0 ft bgs, and correlated with the fluctuations of the shallow groundwater table. The report concluded that additional investigation was needed to delineate the extent of the secondary source of hydrocarbons. Details are documented in CRA's *Site Assessment Report* dated May 27, 2010.

May 2012 Subsurface Investigation: In May 2012, CRA supervised the drilling of 23 soil borings (B-26 through B-48) to further delineate the horizontal and vertical extent of onsite hydrocarbon-impacted soil to facilitate planning of a proposed remedial soil excavation. Details are documented in CRA's *Subsurface Investigation and Remedial Action Plan* dated July 25, 2012.

August 2012 Well Destruction: In August 2012, CRA oversaw the destruction of seven groundwater monitoring wells (MW-1, MW-2, MW-3, MW-5, MW-6, MW-7 and MW-8). Details of the well destruction activities are documented in CRA's *Remedial Action Completion Report* dated February 4, 2013.

September 2012 Fuel System Removal: In October 2012, Nella removed their fueling system at the Site. One gasoline and two diesel USTs, associated piping and dispensers were removed and disposed of. The UST pits and pipe trenches were backfilled with clean imported fill and asphalt surface restored. Details of the removal activities are documented in Blue Rock Environmental Inc.'s report titled *UST System Removal Sampling Report* dated October 23, 2012.

December 2012 Remedial Soil Excavation: In December 2012, CRA oversaw the over-excavation of 789 cubic yards of hydrocarbon-impacted soil from the Site. An area of approximately 3,209 square feet was excavated to depths ranging from 6 to 10 ft bgs (see **Figure 4**). The excavation was backfilled with clean imported fill and asphalt surface restored. Details of the removal activities are documented in CRA's *Remedial Action Completion Report* dated February 4, 2013.

Quarterly Monitoring: Quarterly groundwater monitoring and sampling of seven wells (MW-1 through MW-3, MW-5 through MW-8) was performed at the Site from April 2000 through March 2012, prior to their destruction. Details of all historical groundwater monitoring and sampling are presented in CRA's *Groundwater Monitoring Report-Annual 2012*, dated April 5, 2012.

3.3 SOURCE OF CONTAMINATION

The chemicals of concern (COC) currently identified at the Site include TPHd, TPHg, BTEX, and MTBE in both soil and groundwater. The petroleum hydrocarbons resulted from a gasoline release from former USTs. The volume and timing of the petroleum hydrocarbon release is unknown although evidence of a recent release was observed during removal of the fuel lines in October 2012.

3.4 SITE CHARACTERIZATION

3.4.1 GEOLOGY

The Site is located in the Coast Range Geomorphic Province of California. According to the geologic map by Jennings and Burnett from 1961, the general vicinity is underlain by unconsolidated artificial fill primarily consisting of clayey fine sand, silt, clay, rock fragments, and organic material underlain by Quaternary alluvium and dune deposits. Bedrock in the area is primarily Mesozoic ultrabasic rocks, including serpentine.

The soil beneath the Site generally consists of sandy gravel fill to 3.0 feet below ground surface (ft bgs), interbedded clayey sand, sand and silty clay to approximately 9.0 ft bgs, underlain by dark grey, low estimated permeability, silty clay ("Bay Muds") to a total explored depth of 18 ft bgs.

3.4.2 HYDROGEOLOGY

According to the Department of Water Resources, Bulletin 118 from 2004, the Site is located within the South San Francisco Groundwater Basin. Shallow groundwater in the vicinity is considered of poor quality (high total dissolved solids) and of limited yield. Total dissolved solids were measured at 19,524 parts per million in a groundwater sample collected from MW-3 on July 13, 2001. Shallow groundwater beneath the Site typically ranges between 1 to 5 ft bgs. The groundwater flow direction is consistently towards the east northeast, with a typical gradient of approximately 0.02 ft per foot.

3.4.3 HYDROCARBON DISTRIBUTION IN SOIL

Historically, the highest hydrocarbon concentrations in soil have been detected between and northwest of the former dispenser islands and within the top 5 ft of soil. In 2012, a remedial soil excavation of this source area removed a majority of the hydrocarbon mass beneath the site. Little to no hydrocarbons were detected in the four confirmation soil samples collected along the west and north edges of the excavation (see **Figure 4**).

3.4.4 HYDROCARBON DISTRIBUTION IN GROUNDWATER

Historically, the highest hydrocarbon concentrations in groundwater have been detected in a source area located northwest of the former dispenser islands; the maximum benzene concentration was detected at 6,800 µg/L in boring B-18. In 2012, a remedial soil excavation of this source area removed a majority of the hydrocarbon mass that was leaching into shallow groundwater. In 2013, post-remediation groundwater sampling in the former source area (borings B-49 and B-53) showed a maximum benzene concentration of 19 µg/L. Post-remediation groundwater sampling downgradient of the former source area (borings B-50 and B-54) showed a maximum benzene concentration of 2,800 µg/L. As discussed above in Section 2.0, dissolved-phase benzene concentrations detected down gradient of the former source area were affected by a high amount of the suspended sediments in the grab groundwater sample, and therefore are likely less than reported.

3.5 REMEDIATION STATUS

In October 2003, a 1,600 square foot treatment area in the vicinity of MW-1 was injected with 930 pounds of ORC.

In September 2012, approximately 70 cubic yards of hydrocarbon-impacted soil was excavated during removal of the former UST system. The UST pits and pipe trenches were backfilled with clean imported fill.

In December 2012, approximately 789 cubic yards of hydrocarbon-impacted soil were excavated during a remedial soil excavation. The remedial excavation encompassed an area of approximately 3,209 square feet with depths ranging from 6 to 10 ft bgs (see **Figure 4**). The excavation was backfilled with clean imported fill and asphalt surface restored.

3.6 WELL AND SENSITIVE RECEPTOR SURVEY

3.6.1 DESIGNATED BENEFICIAL GROUNDWATER USE

The Site is located within the Westside D Groundwater Basin. The Regional Water Quality Control Board designates groundwater in the Westside D Groundwater Basin as beneficial for municipal and industrial and process uses and potentially beneficial for agricultural uses. However, as discussed above in Section 3.4.2, TDS concentrations in shallow groundwater beneath the site exceed the Basin Plan limit above which groundwater cannot be reasonably expected to supply a public water system. Based on this, groundwater beneath the site is inappropriate for drinking water use.

3.6.2 WELL AND SURFACE WATER SURVEY RESULTS

No water supply wells or surface water bodies exist within 1,000 ft radius of the Site. The nearest surface water is concrete-lined Colma Creek located approximately 0.25 miles northeast of the Site. The San Francisco Bay is approximately 1 mile east of the Site.

3.6.3 PERFERENTIAL FLOW PATHWAYS

In March 2007, two borings (B-12 and B-13) drilled next to the offsite water line confirmed that the water line trench was not acting as a preferential pathway for hydrocarbon migration. In September 2007, a boring (B-15) drilled next to the onsite storm sewer confirmed that the storm sewer trench was not acting as a preferential pathway for hydrocarbon migration. In May 2010, grab groundwater sampling from

additional borings (B-16 through B-25) confirmed that the hydrocarbon plume was primarily onsite and subsurface utilities did not appear to be acting preferential pathways.

3.6.4 LIKELIHOOD OF IMPACT TO WELLS

No water supply wells were identified within a 1,000 ft radius of the Site, therefore there is no likelihood of there being an impact to water supply wells.

3.6.5 LIKELIHOOD OF IMPACT TO SURFACE WATER

No surface water receptors were identified within a quarter mile radius of the Site, there is no likelihood of there being any impact to surface water.

3.7 RISK ASSESSMENT

3.7.1 CONCEPTUAL SITE EXPOSURE MODEL

This Site consists of a paved vacant lot. The fueling facility has been removed and source areas excavated. Residual levels of gasoline- and diesel-range hydrocarbons remain in shallow soil and groundwater beneath the Site.

3.7.2 EXPOSURE PATHWAYS - ONSITE HUMAN RECEPTORS

No complete exposure pathways were identified at the Site. The Site is paved therefore there is not a complete exposure pathway for contact with surficial soil. There are no nearby drinking water wells and therefore the ingestion of impacted groundwater is not likely. There are no buildings onsite and the entire Site is paved therefore inhalation of hydrocarbon vapors in indoor or outdoor air is not a complete exposure pathway. As a result, the residual hydrocarbons pose little threat to human receptors.

3.7.3 EXPOSURE PATHWAYS - OFFSITE HUMAN RECEPTORS

The Site is located in a developed commercial/industrial area and is bounded to the north by Terminal Court, to the west, southwest, and south by Golden Gate Produce's Administrative building, locking docking and associated parking areas, and to the east

by a long term airport parking lot. No hospitals, schools, child daycare centers, or residential senior care centers within a 1,000 ft radius of the Site (Google, 2013). As a result, there does not appear to be any potential exposure to the offsite sensitive receptors.

3.7.4 IDENTIFIED HUMAN EXCEEDANCES

Based on the lack of complete onsite exposure pathways and lack of offsite sensitive receptors, no human exceedances were identified.

3.7.5 IDENTIFIED ECOLOGICAL EXCEEDANCES

Based on the low likelihood of there being any impact to surface water, an ecological risk assessment has not been performed and therefore no ecological exceedances have been identified.

4.0 LOW-THREAT UST CASE CLOSURE EVALUATION

The Site conditions were evaluated against the general criteria and media-specific criteria of the Low-Threat UST Case Closure Policy (LTCP). A written evaluation of each criteria is provided below and a completed LTCP Checklist is provided in Appendix E.

4.1 GENERAL CRITERIA REQUIREMENTS

The Site meets all of LTCP's eight general criteria. Provided below is a brief synopsis of how the listed general criteria requirements of the LTCP have been satisfied at the Site.

a. *The unauthorized release is located within the service area of a public water system;* **Satisfied**: The Site and surrounding properties are within a public water system service area provided by the California Water Service Company of San Jose California.

b. *The unauthorized release consists only of petroleum;*

   Satisfied: The Site's unauthorized release was identified as a gasoline and diesel fuel release related to the cardlock fueling facility.

c. *The unauthorized ("primary") release from the UST system has been stopped*;

Satisfied: The primary release was related to a release the former UST system which was removed from the Site in 2012. As a result, the Site's unauthorized primary release has been stopped.

d. *Free product has been removed to the maximum extent practicable*;

Satisfied: SPH has never been observed at the Site and a remedial excavation encompassing a large portion of the Site has removed the hydrocarbon-impacted soil.

e. *A conceptual site model has been developed*;

Satisfied: A conceptual site model has been completed by CRA and is summarized above in Section 3.0.

f. *Secondary source removal has been addressed*,

Satisfied: A remedial excavation has removed the hydrocarbon-impacted soil associated with the secondary source area.

g. *Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code section 25296.15.*

Satisfied: Soil and groundwater have been tested for MTBE and the results uploaded to Geotracker. MTBE in groundwater was most recently analyzed on July 26, 2013 where a maximum MTBE concentration of 11 µg/L was detected in B-53.

h. *A "nuisance" as defined by Water Code section 13050 does not exist at the site.*

Satisfied: Water Code section 13050 defines "nuisance" as anything which meets **all** of the following requirements:

(1) Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with comfortable enjoyment of the property

(2) Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal; and

(3) Occurs during, or as result of, the treatment or disposal of wastes.

Based on the existing Site conditions and the previous environmental site assessment work performed at the Site, (which is summarized in the conceptual site model of this report), a nuisance meeting the three criteria listed above does not exist at the Site

4.2 MEDIA-SPECIFIC CRITERIA REQUIRMENTS

Provided below is a brief synopsis of how the media-specific criteria requirements of the LTCP have been satisfied at the Site.

4.2.1 GROUNDWATER-SPECIFIC CRITERIA

It is a fundamental tenet of the LTCP that if the closure criteria described in the policy are satisfied at a release site, WQOs will be attained through natural attenuation within a reasonable amount of time, prior to the need for use of any affected groundwater. If a site has groundwater with a designated beneficial use which is affected by an unauthorized release, to satisfy the media specific criteria for groundwater stated in the LTCP, the contaminant plume that exceeds WQOs must be stable or decreasing in areal extent and meet all of the additional characteristics of one of the five classes of sites listed in the draft policy. The Site falls into the LTCP's groundwater-specific criteria Class 2. The rationale for meeting the three requirements of Class 2 is provided below:

(2a) *The contaminant plume that exceeds water quality objectives is less than 250 feet in length.*
Satisfied: Prior to the remedial excavation in 2012,TPHd, TPHg, benzene and MTBE plumes were shown to be primarily onsite and extending less than 250 ft in length. (See CRA's *Site Assessment Report* dated May 27, 2010). The plumes were delineated in all directions and defined downgradient of the source area by monitoring well MW-8 and grab groundwater samples from borings B-12, B-13, B-14, and B-15. Historically, stable to decreasing benzene concentrations have been detected in only two onsite wells (MW-1 and MW-2). The area around wells MW-1 and MW-2 was over-excavated in 2012.

(2b) *There is no free product.*
Satisfied: No SPH has been observed in any of the Site wells. Thus, the requirement that there is no free product has been satisfied.

(2c) *The nearest existing water supply well or surface water body is greater than 1,000ft from the defined plume boundary.*
Satisfied: No water supply wells or surface water bodies have been identified within a 1,000 ft radius of the Site. The nearest surface water is concrete-lined Colma Creek located approximately 0.25 miles (1,320 ft) northeast of the Site.

4.2.2 PETROLEUM VAPOR INTRUSION TO INDOOR AIR

The Site is vacant with no onsite facilities or buildings, so there is no indoor inhalation health risk. In addition, a large portion of the Site was over excavated so there is little risk of vapor intrusion to any potential Site redevelopment.

4.2.3 DIRECT CONTACT AND OUTDOOR AIR EXPOSURE

The Site is vacant and paved so there is no likelihood of direct contact to soil or outdoor air exposure from soil. Hydrocarbon concentrations in excavation confirmation samples collected from shallow soil (6 to10 ft bgs) were below the criteria presented in Table 1 of the LTCP.

The highest benzene concentration in shallow soil was detected at 0.016 mg/kg in confirmation sample EX3-10 at 10 ft bgs. Benzene is below both the commercial/industrial and residential thresholds outlined in Table 1 of the LTCP.

The highest ethylbenzene concentration in shallow soil was detected at 0.047 mg/kg in confirmation soil sample EX2-6 at 6 ft bgs. Ethylbenzene is below both the commercial/industrial and residential thresholds outlined in Table 1 of the LTCP.

The highest naphthalene concentration in shallow soil was detected at 0.040 mg/kg in confirmation sample EX2-6 at 6 ft bgs. Naphthalene is below both the commercial/industrial and residential thresholds outlined in Table 1 of the LTCP.

Based on the low levels of benzene, ethylbenzene and naphthalene, the Site meets the low-threat media-specific criteria related to direct contact and outdoor air exposure as they relate to the residual hydrocarbons in shallow soils underlying the Site.

5.0 RECOMMENDATIONS

Based on our review, Site conditions meet the general and media-specific criteria established in the LTCP, and therefore pose a low threat to human health, safety, and the environment, as well as satisfy the case closure requirements of Health and Safety Code section 25296.10 and Resolution 92-49 that requires that cleanup goals be met within a reasonable time frame. Therefore, on behalf of Olympian JV, CRA respectfully requests environmental case closure.

FIGURES

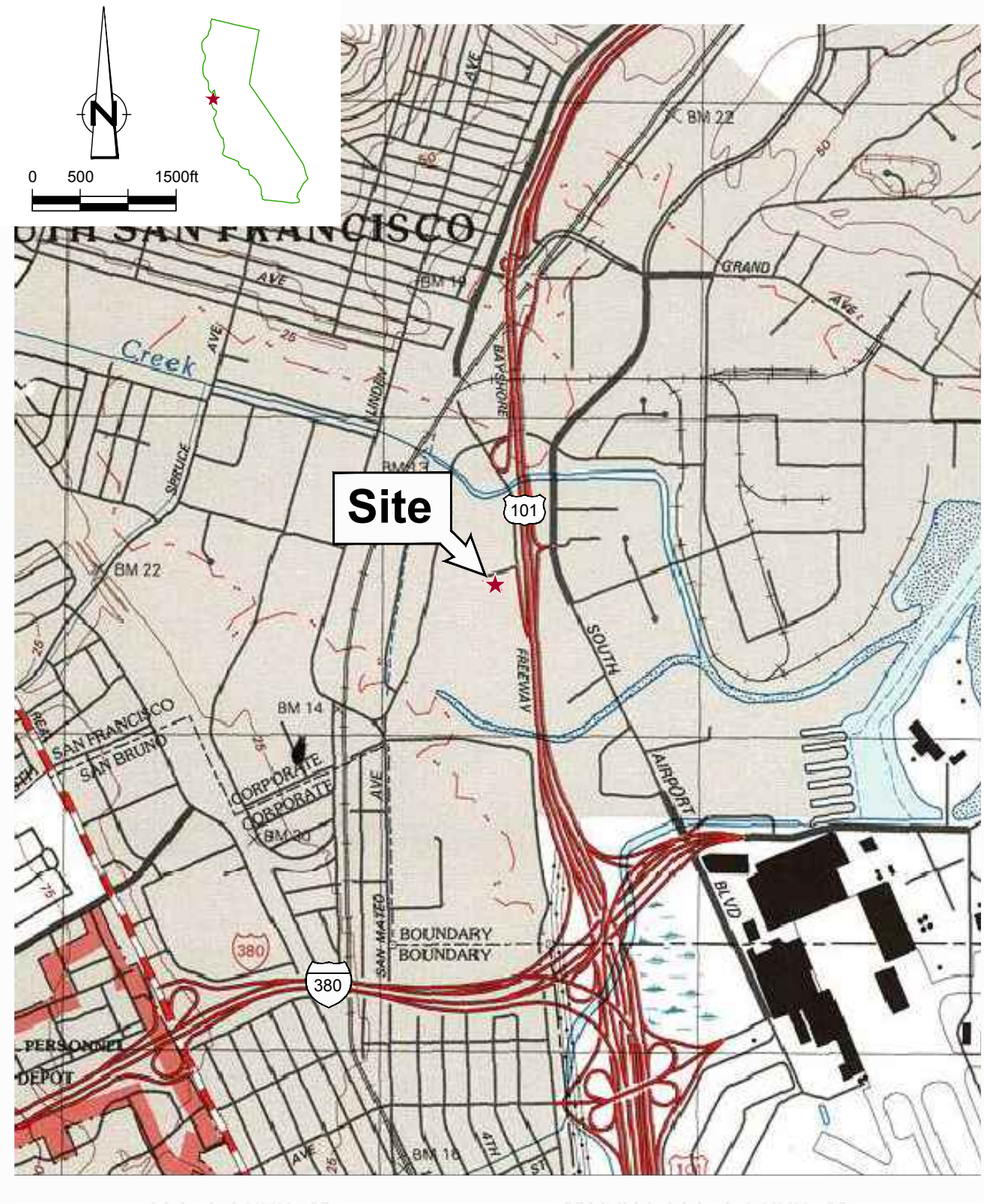
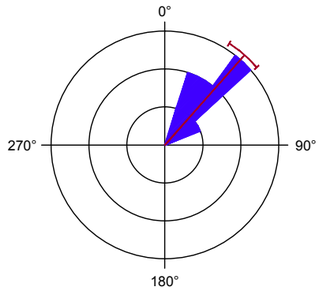


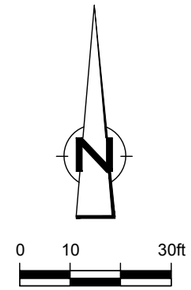
Figure 1

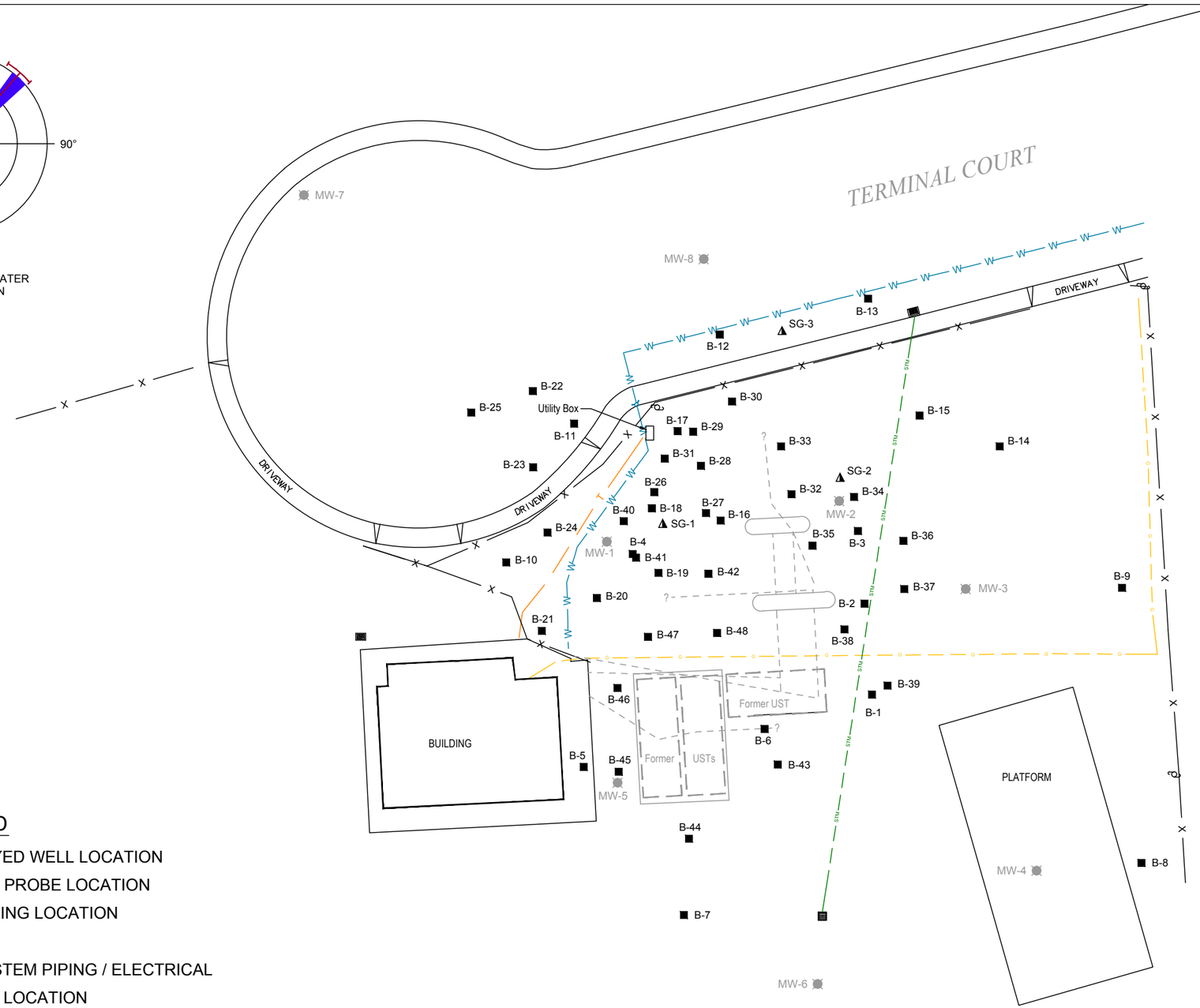
VICINITY MAP
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM001 JAN 18/2013



HISTORIC GROUNDWATER
FLOW DIRECTION





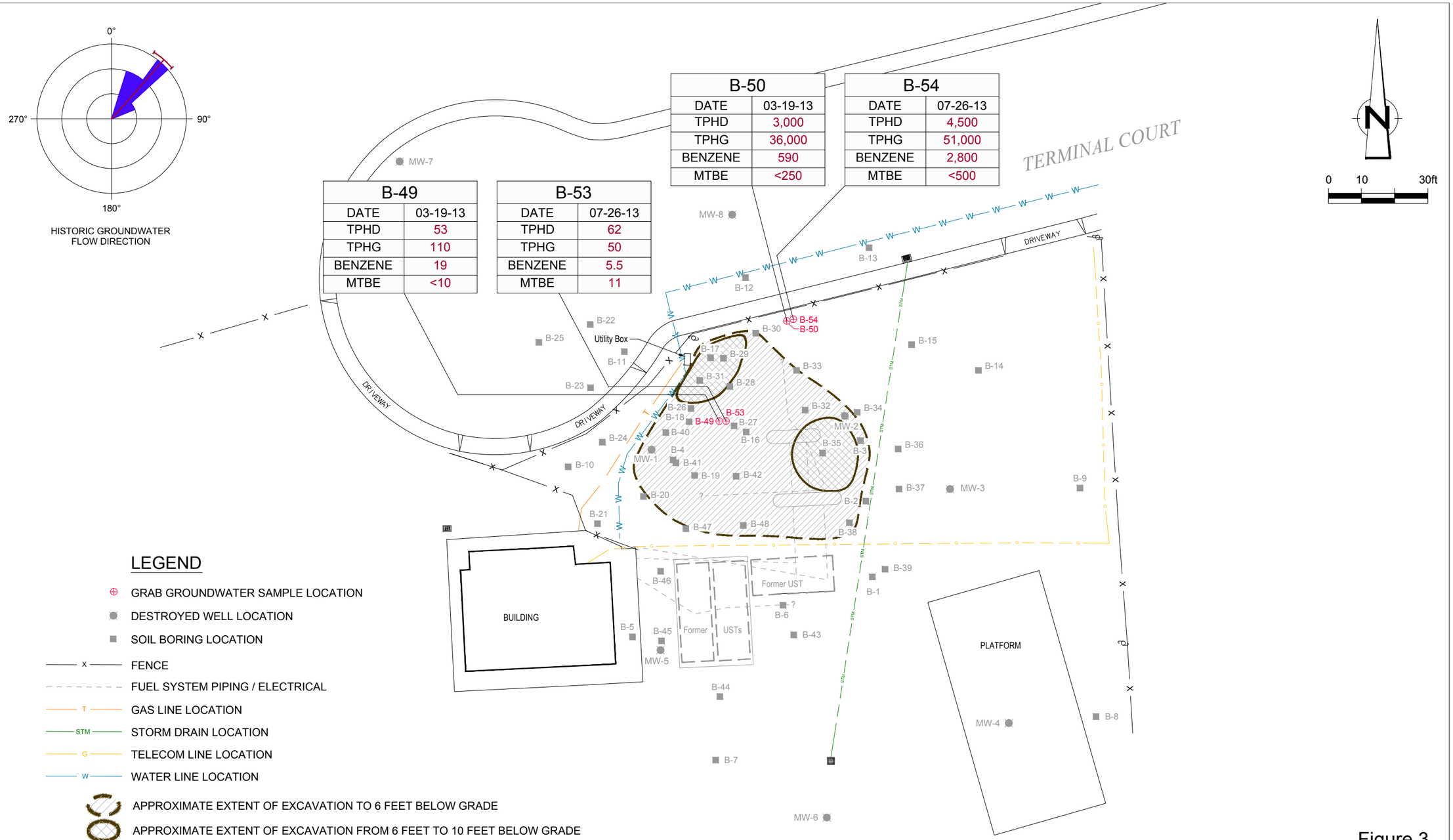
LEGEND

- DESTROYED WELL LOCATION
- SOIL GAS PROBE LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 2

SITE PLAN
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM002 JAN 18/2013



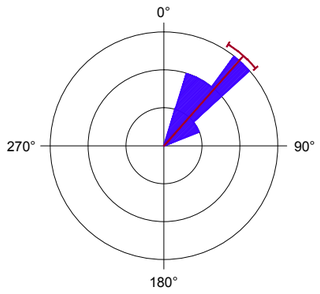
LEGEND

- GRAB GROUNDWATER SAMPLE LOCATION
- DESTROYED WELL LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION
- APPROXIMATE EXTENT OF EXCAVATION TO 6 FEET BELOW GRADE
- APPROXIMATE EXTENT OF EXCAVATION FROM 6 FEET TO 10 FEET BELOW GRADE

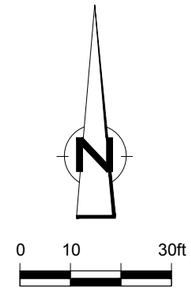
ID	SOIL BORING DESIGNATION
DATE	DATE OF SAMPLE
TPHD	TPHD CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
TPHG	TPHG CONCENTRATION IN GROUNDWATER
BENZENE	BENZENE CONCENTRATION IN GROUNDWATER
MTBE	MTBE CONCENTRATION IN GROUNDWATER

Figure 3

GRAB GROUNDWATER SAMPLING RESULTS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
March and July 2013



HISTORIC GROUNDWATER FLOW DIRECTION



EX-3-10	
DEPTH	10.0'
BENZENE	0.016
E-BENZ	<0.005
NAPH	<0.005

EX-4-10	
DEPTH	10.0'
BENZENE	<0.005
E-BENZ	<0.005
NAPH	<0.005

EX-2-6	
DEPTH	6.0'
BENZENE	0.0054
E-BENZ	0.047
NAPH	0.040

EX-1-6	
DEPTH	6.0'
BENZENE	<0.005
E-BENZ	<0.005
NAPH	<0.005

TERMINAL COURT

TERMINAL COURT

DRIVEWAY

DRIVEWAY

Utility Box

Former UST

Former USTs

BUILDING

PLATFORM

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21 B-22 B-23 B-24 B-25 B-26 B-27 B-28 B-29 B-30 B-31 B-32 B-33 B-34 B-35 B-36 B-37 B-38 B-39 B-40 B-41 B-42 B-43 B-44 B-45 B-46 B-47 B-48

LEGEND

- SOIL SAMPLE LOCATION
- DESTROYED WELL LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION
- APPROXIMATE EXTENT OF EXCAVATION TO 6 FEET BELOW GRADE
- APPROXIMATE EXTENT OF EXCAVATION FROM 6 FEET TO 10 FEET BELOW GRADE

ID	SOIL BORING DESIGNATION
DEPTH	DEPTH OF SAMPLE
BENZENE	BENZENE CONCENTRATION IN SOIL IN MILLIGRAMS PER KILOGRAM (mg/kg)
E-BENZ	ETHYLBENZENE CONCENTRATION IN SOIL
NAPH	NAPHTHALENE CONCENTRATION IN SOIL

Figure 4

CONFIRMATION SOIL SAMPLING RESULTS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California
December 2012

TABLES

TABLE 1

POST-REMEDIATION GRAB GROUNDWATER ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	*Date Sampled*	*DTW (ft bgs)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*
			←			*ug/L*			→
Grab Groundwater Samples									
B-49	3/19/2003	6.75	53	110	19	<0.5	0.64	<0.5	<10
B-50	3/19/2003	6.00	3,800	36,000	590	2,100	670	3,400	<250
B-53	7/26/2013	8.00	62	50	5.5	<0.5	<0.5	<0.5	11
B-54	7/26/2013	7.00	4,500	51,000	2,800	7,700	1,300	6,800	<500

Notes:

DTW = Depth to Water
ft bgs = Feet below grade ground surface
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 with the Dawn Zemo Extraction Method and silica-gel clean up
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015m
Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8021
MTBE = Methyl-tert-butyl ether analyzed by EPA Method 8021
<X = Concentration less than laboratory reporting limits

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	*Date Sampled*	*Depth (ft bgs)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*	*Napthalene*
			←			*mg/kg*				→
Product Line Trench Samples										
T-1	10/1998	2.5	7,600	2,400	0.68	<0.125	<0.125	2	9.0	--
T-2	10/1998	2.5	1,700	100	<0.005	<0.005	<0.005	0.36	0.2	--
T-3	10/1998	2.5	250	880	1.0	3.0	12	71	1.0	--
Monitoring Well Samples										
MW-1	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-2	3/23/2000	4.5	<1.0	3.0	0.43	0.40	0.095	0.51	<0.005	--
MW-3	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-4	3/23/2000	4.5	9.6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-5	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-6	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-7	7/2/2001	4.0	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
MW-8	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
Soil Boring Samples										
B-1	10/12/1999	4	<1.0	<0.5	0.006	<0.005	<0.005	<0.010	0.18	--
B-2	10/12/1999	4	280	6.1	0.015	<0.005	0.085	0.29	0.009	--
B-3	10/12/1999	4	15 [a]	16	0.063	0.069	0.40	1.8	0.021	--
B-4	10/12/1999	4	1.0 [a]	1.6	<0.005	<0.005	0.013	0.049	<0.005	--
B-5	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	0.015	0.011	--
B-6	10/12/1999	4	<1.0	<0.5	0.023	0.010	0.007	0.026	0.84 b	--
B-7	10/12/1999	4	<1.0	<0.5	0.008	0.008	<0.005	0.011	<0.005	--
B-8	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005	--
B-9	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005	--
B-10	3/17/2000	4.5	<1.0	0.79	<0.005	0.012	0.009	0.056	<0.005	--
B-10	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.022	<0.005	--
B-11	3/17/2000	4.5	<1.0	0.67	0.085	0.037	0.019	0.046	<0.005	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			←			mg/kg				→
B-11	3/17/2000	9	270	780	0.79	19	12	65	<0.005	--
B-12	3/17/2000	4.5	<1.0	1.5	<0.005	0.017	0.012	0.055	0.071	--
B-12	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.016	<0.005	--
B-13	3/17/2000	3.5	<1.0	0.78	<0.005	<0.005	<0.005	0.02	<0.005	--
B-13	3/17/2000	7.5	<1.0	0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
B-14	3/17/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
B-14	3/17/2000	9.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	--
B-16-2.5	3/29/2010	2.5	48	100	0.29	0.15	0.96	3.2	<1.0	--
B-16-5.0	3/29/2010	5.0	130	270	1.1	0.14	5.8	15	<1.0	--
B-17-2.5	3/29/2010	2.5	<1.0	<1.0	0.0054	<0.005	0.016	0.022	<0.05	--
B-17-5.0	3/29/2010	5.0	66	190	0.84	1.2	3.8	5.5	<0.50	--
B-17-7.5	3/29/2010	7.5	<1.0	4.2	0.041	0.061	0.087	0.17	<0.05	--
B-18-2.5	3/29/2010	2.5	2,800	3,900	13	1.4	50	170	<5.0	--
B-18-5.0	3/29/2010	5.0	38	300	4.7	10	3.7	15	<2.5	--
B-18-7.5	3/29/2010	7.5	1.8	5.9	0.038	0.011	0.066	0.21	<0.05	--
B-19-2.5	3/29/2010	2.5	4.8	7.1	<0.005	<0.005	<0.005	0.0077	<0.05	--
B-19-5.0	3/29/2010	5.0	7.6	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-20-2.5	3/29/2010	2.5	4.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-20-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-21-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-21-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-22-2.5	3/29/2010	2.5	2.7	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-22-5.0	3/29/2010	5.0	2.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-23-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-23-7.5	3/29/2010	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-24-2.5	3/29/2010	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-24-5.0	3/29/2010	5.0	5.0	1.4	0.0056	<0.005	<0.005	0.0056	<0.05	--
B-25-2.5	3/29/2010	2.5	24	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			← mg/kg →							
B-25-5.0	3/29/2010	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-26-2.5	5/7/2012	2.5	1,100 g,h	1,600 c,d	3.4	1.1	20	63	<5.0	--
B-26-5.0	5/7/2012	5.0	1,400 g,h	5000 e	56	220	80	410	<25	--
B-26-7.5	5/7/2012	7.5	1.4 i	<1.0	0.097	0.031	0.010	0.049	<0.05	--
B-26-10	5/7/2012	10.0	<1.0	1.4 e	0.14	0.032	0.012	0.054	<0.05	--
B-27-2.5	5/7/2012	2.5	110 g,h	110 e,f	0.48	0.10	1.2	0.51	<0.17	--
B-27-5.0	5/7/2012	5.0	8.3 g,h	17 e,f	0.16	0.076	0.27	0.51	<0.05	--
B-27-7.5	5/7/2012	7.5	<1.0	<1.0	0.0065	<0.005	0.0055	105	<0.05	--
B-27-10	5/7/2012	10.0	<1.0	2.7 e	0.34	0.012	0.11	0.068	<0.05	--
B-27-13	5/7/2012	13.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-28-2.5	5/7/2012	2.5	27 g,h	30 e	0.80	0.038	1.3	1.1	<0.10	--
B-28-5.0	5/7/2012	5.0	300 g,h	180 c,d	0.38	2.6	1.9	11	<1.0	--
B-28-7.5	5/7/2012	7.5	5.9 g, i	18 e	0.15	0.33	0.19	0.99	<0.10	--
B-28-10	5/7/2012	10.0	<1.0	2.2 e	0.26	0.074	0.025	0.12	<0.05	--
B-29-2.5	5/7/2012	2.5	51 g, i, j	45 e	5.5	0.27	1.4	2.7	<1.0	--
B-29-5.5	5/7/2012	5.5	39 g, j, i	250 e	1.4	6.8	3.0	16	<1.0	--
B-30-2.5	5/7/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B-30-5.0	5/7/2012	5.0	27 g, i	45 c	0.18	0.76	0.89	3.5	<0.50	--
B-30-7.5	5/7/2012	7.5	58 k, i	85 c, d	0.18	0.83	0.48	1.8	<1.0	--
B-30-10	5/7/2012	10.0	6.5 g	32 c	0.14	1.5	0.7	4.0	<0.50	--
B-30-12.5	5/7/2012	12.5	<1.0	5.9 e	0.038	0.23	0.096	0.52	<0.05	--
B31-2.5	5/8/2012	2.5	97 g, h	53 e	0.54	0.11	2.4	2.9	<1.0	--
B31-5.0	5/8/2012	5.0	1.9 g, i	3.5 e	0.34	0.077	0.12	0.66	<0.05	--
B31-7.5	5/8/2012	7.5	870 g, i	1,500 c	4.5	<1.7	29	160	<17	--
B31-10	5/8/2012	10.0	2.0 i	<1.0	0.11	0.030	0.010	0.049	<0.05	--
B32-2.5	5/8/2012	2.5	18 h	4.8 e	0.071	0.0060	0.077	0.15	<0.05	--
B32-5.0	5/8/2012	5.0	120 g, h	100 e	1.7	5.1	1.4	6.3	<1.0	--
B32-7.5	5/8/2012	7.5	4.1 g, i	4.4 e	0.036	0.035	0.020	0.12	<0.05	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			← mg/kg →							
B32-10	5/8/2012	10.0	<1.0	3.5 e	0.094	0.18	0.069	0.35	<0.05	--
B33-2.5	5/8/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B33-5.0	5/8/2012	5.0	28 g, i	18 e	0.29	1.1	0.38	2.0	<0.17	--
B33-7.5	5/8/2012	7.5	2.6 i	1.8 e	0.36	0.052	0.016	0.099	<0.05	--
B33-10	5/8/2012	10.0	<1.0	<1.0	0.022	0.030	0.010	0.057	<0.05	--
B34-2.5	5/8/2012	2.5	<1.0	<1.0	0.020	<0.005	0.022	0.019	<0.05	--
B34-5.0	5/8/2012	5.0	13 j, i	13 e	0.66	0.48	0.38	1.6	<0.05	--
B34-7.5	5/8/2012	7.5	1.2 i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B34-10	5/8/2012	10.0	<1.0	<1.0	0.021	<0.005	<0.005	0.015	<0.05	--
B35-2.5	5/8/2012	2.5	1,700 g, h	1,700 e	6.3	3.2	22	80	<5.0	--
B35-5.0	5/8/2012	5.0	130 j, i	11 e	0.81	1.1	0.28	0.99	0.086	--
B35-7.5	5/8/2012	7.5	330 j, i	1.5 e	0.26	0.010	0.012	0.044	<0.05	--
B35-10	5/8/2012	10.0	<1.0	<1.0	0.14	<0.005	<0.005	0.011	<0.05	--
B36-2.5	5/8/2012	2.5	8.7 h	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B36-5.0	5/8/2012	5.0	4.8 j, i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B36-7.5	5/8/2012	7.5	14 j, i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B36-10	5/8/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	0.0090	<0.05	--
B37-2.5	5/9/2012	2.5	1.9 i	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B37-5.0	5/9/2012	5.0	3.2 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B37-7.5	5/9/2012	7.5	5.7 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B37-10	5/9/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B38-2.5	5/9/2012	2.5	360 h	14 d, f	<0.005	0.018	<0.005	0.024	<0.05	--
B38-5.0	5/9/2012	5.0	2.8 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	0.14	--
B38-7.5	5/9/2012	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B38-10	5/9/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.093	--
B39-2.5	5/9/2012	2.5	2.2 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B39-5.0	5/9/2012	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B39-6.0	5/9/2012	6.0	18 i, j	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			← mg/kg →							
B40-2.5	5/9/2012	2.5	46 [i, j]	73 [c]	0.17	0.19	0.62	2.9	<1.0	--
B40-5.0	5/9/2012	5.0	95 [g, h]	340 [c, d]	0.45	11	6.3	33	<1.0	--
B40-7.5	5/9/2012	7.5	3.8 [g, i]	8.4 [e]	0.050	0.076	0.064	0.39	<0.05	--
B40-10	5/9/2012	10.0	5.5 [g]	10 [e]	0.10	0.28	0.18	0.96	<0.05	--
B41-2.5	5/9/2012	2.5	27 [g, i]	6.1 [e]	0.048	0.0074	0.060	0.20	<0.05	--
B41-5.0	5/9/2012	5.0	3.7 [g, i, j]	2.3 [e]	0.096	0.0089	0.012	0.033	<0.05	--
B41-7.5	5/9/2012	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B41-10	5/9/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B42-2.5	5/9/2012	2.5	1,100 [g, h]	490 [e, f]	1.4	0.74	13	4.0	<1.0	--
B42-5.0	5/9/2012	5.0	58 [g, h]	120 [d, f]	0.14	0.076	2.0	1.9	<0.25	--
B42-7.5	5/9/2012	7.5	2.4 [g, i]	12 [e]	0.060	0.018	0.20	0.19	<0.05	--
B42-10	5/9/2012	10.0	<1.0	1.1 [e]	0.014	<0.005	0.025	0.023	<0.05	--
B43-2.5	5/10/2012	2.5	2.6 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B43-5.0	5/10/2012	5.0	1.7 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B43-7.5	5/10/2012	7.5	<1.0	<1.0	0.0052	<0.005	<0.005	0.014	<0.05	--
B43-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.23	--
B43-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.063	--
B44-2.5	5/10/2012	2.5	2.5 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B44-5.0	5/10/2012	5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B44-7.5	5/10/2012	7.5	3.7 [h]	2.0 [e]	0.029	0.013	0.024	0.17	<0.05	--
B44-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B44-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-2.5	5/10/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-5.0	5/10/2012	5.0	1.3 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-7.5	5/10/2012	7.5	2.1 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B45-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B46-2.5	5/10/2012	2.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napthalene
			← mg/kg →							
B46-5.0	5/10/2012	5.0	1.7 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B46-7.5	5/10/2012	7.5	3.9 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B46-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B46-12.5	5/10/2012	12.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B47-2.5	5/10/2012	2.5	1.7 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B47-5.0	5/10/2012	5.0	<1.0	<1.0	0.16	0.010	<0.005	<0.005	<0.05	--
B47-7.5	5/10/2012	7.5	3.8 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B47-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B48-2.5	5/10/2012	2.5	380 [g, h]	170 [d, f]	<0.10	0.94	0.24	0.68	<1.0	--
B48-5.0	5/10/2012	5.0	4.1 [i, j]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B48-7.5	5/10/2012	7.5	1.1 [i]	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
B48-10	5/10/2012	10.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--
Excavation Confirmation Soil Samples										
EX1-6	12/10/2012	6	<1.0	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
EX2-6	12/10/2012	6	2.3[a]	7.3	0.0054	0.0073	0.047	0.23	<0.005	0.040
EX3-10	12/13/2012	10	<1.0	<0.25	0.016	<0.005	<0.005	<0.005	<0.005	<0.005
EX4-10	12/13/2012	10	<1.0	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Notes:
all soil data prior to 2010 obtained by previous consultant
ft bgs = Feet below grade ground surface
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015
Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8020 or 8021
MTBE = Methyl-tert-butyl ether analyzed by EPA Method 8020 or 8021
<X = Concentration less than laboratory reporting limits
a = Hydrocarbon response in the diesel range but does not resemble diesel

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT, SAN FRANCISCO, CALIFORNIA

Sample ID	*Date Sampled*	*Depth (ft bgs)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*	*Napthalene*
			←			*mg/kg*	→			

b = MTBE confirmed by EPA Method 8260
c = heavier gasoline range compounds are significant (aged gasoline?)
d = no recognizable pattern
e = weakly modified or unmodified gasoline is significant
f = strongly aged gasoline or diesel range compounds are significant in the TPHg chromatogram
g = gasoline range compounds are significant
h = unmodified or weakly modified diesel is significant
i = diesel range compounds are significant; no recognizable pattern
j = oil range compounds are significant
k = kerosene/kerosene range /jet fuel range

TABLE 3

POST-REMEDIATION GRAB GROUNDWATER ANALYTICAL DATA
OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

Sample ID	Date Sampled	DTW (ft bgs)	TPHd		TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
							µg/L			
Grab Groundwater Samples										
B-49[a]	10/12/1999	6.5	53	#	110	19	<0.5	0.64	<0.5	<10
B-50[a]	10/12/1999	6.0	3,800	#	36,000	590	2,100	670	3,400	<250
B-53[a]	10/12/1999	8.0	62	#	50	5.5	<0.5	<0.5	<0.5	11
B-54[a]	10/12/1999	7.0	4,500	#	51,000	2,800	7,700	1,300	6,800	<500

Notes:

DTW = Depth to Groundwater
ft bgs = Feet below ground surface
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 with the Dawn Zemo Extraction Method and silica-gel clean up
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015m
µg/L = Micrograms per liter
<X = Concentration less than laboratory reporting limits
a = Aqueous sample that contains greater than ~1% sediment
# = See laboratory report for notes and/or a description of chromatogram pattern

APPENDIX A

REGULATORY CORRESPONDENCE

SAN MATEO COUNTY
HEALTH SYSTEM

March 6, 2013

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr. c/o Janet Heikel
janeth@ogpinc.net
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

Thank you for the *Remedial Action Completion Report,* submitted February 4, 2013 to the Geotracker website, by Conestoga-Rovers & Associates (CRA) for the above referenced site. San Mateo County Groundwater Protection Program (GPP) concurs with the proposed post-remedial sampling plan to collect grab groundwater samples.

You may combine results of wet and dry season sampling into one report. Please notify this office at least two (2) business days prior to conducting any field work and submit a report of post-remedial groundwater sampling no later than **September 20, 2013.**

I can be reached at (650) 372-6298 or by e-mail at jmadden@smcgov.org to answer any questions you may have regarding this letter. Thank you for your cooperation.

Sincerely,

Jacob Madden
Hazardous Materials Specialist
Groundwater Protection Program

cc: Ron Scheele, Conestoga-Rovers, rscheele@craworld.com
Amanda Appelt, Nella Oil Company, amandaa@nellaoil.com
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080

APPENDIX B

BORING PERMITS

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 13- 0193

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
131 TERMINAL CT, S SAN FRANCISCO

OWNER:
OLYMPIAN JV
1300 INDUSTRIAL ROAD
SAN CARLOS

WP0009389 FA0051497
015113210
AMOUNT PAID: 577.00

CONTRACTOR:
WOODWARD DRILLING CO

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS
CONSULTANT: CONESTOGA ROVERS & ASSOC
PROJECT MGR: RON SCHEELE
RO0001695

JACOB MADDEN

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 3/6/2013

EXPIRATION DATE: 7/6/2013

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SAN MATEO COUNTY ENVIRONMENTAL HEALTH

FEB 28 2013

RECEIVED

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

$ PAID #11461 $577.00 mail

PURPOSE OF APPLICATION: ☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS ☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # ____
NO. OF WELLS ____ NO. OF BORINGS ____ WELL/BORING NAMES ____

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY: ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Former Olympian JV Cardlock ASSESSOR'S PARCEL # 015113210 (one per permit)
DRILLING LOCATION ADDRESS 131 Terminal Court CITY South San Francisco
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other ____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 10 (feet) Drilling Method hand auger
Boring Diameter 3 inches Casing Diameter 3/4-inch Filter Pack Interval NA Screen Interval NA
Development Method NA - grab groundwater (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd., Ste 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL janeth@oginc.net

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: [signature] Date: 2/8/2013

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Primo Ripetta
ADDRESS 131 Terminal Ct CITY, STATE, ZIP South San Francisco, CA
TELEPHONE 320-583-4386 EMAIL ggpt2inc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or contractor's permit may be substituted for signature on permit application.)
Property Owner's Signature: [signature] Date: 2-7-13

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling Co CONTACT PERSON Ryan Woodward
ADDRESS P.O. Box 3316 C57 DRILLERS LICENSE # 712879
CITY, STATE, ZIP Rio Vista Ca 94571 TELEPHONE/EMAIL Ryan@woodwarddrilling.com
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board
Driller's Signature: Ryan E Woodward Date: 2-12-13

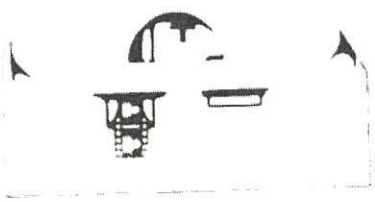
CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis Street, Suite A TELEPHONE 510-420-0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com
I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses.
(Responsible Professional must be a California Professional Geologist or Civil Engineer.)
Responsible Professional's Name (Please print legibly) Ron Scheele
Responsible Professional's Signature ____ Date: ____
California Professional Geologist (PG) No. #8842 or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA 51497



 2013 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology may be requested by County staff. Upon review of information on this application, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for a mobilization associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2013 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ RO/FA# 1695 Date: 2-28-2013

Revised every January 1

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS _____ WELL/BORING NAMES _____

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Former Olympian JV Cardlock ASSESSOR'S PARCEL # 015113210 (one per permit)
DRILLING LOCATION ADDRESS 131 Terminal Court CITY South San Francisco
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 10 (feet) Drilling Method hand auger
Boring Diameter 3 inches Casing Diameter 3/4-inch Filter Pack Interval NA Screen Interval NA
Development Method NA - grab groundwater (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Olympian JV CONTACT PERSON Janet Heikel
ADDRESS 1300 Industrial Rd., Ste 2 CITY, STATE, ZIP San Carlos, CA 94070
TELEPHONE (650) 596-8950 EMAIL janeth@pginc.net

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 2/8/2013

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Primo Ripetta
ADDRESS 131 Terminal Ct CITY, STATE, ZIP South San Francisco, CA
TELEPHONE 320-583-4886 EMAIL ggpt2inc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: _____ **Date:** 2-7-13

DRILLING COMPANY:

DRILLING COMPANY _____ CONTACT PERSON _____
ADDRESS _____ C57 DRILLERS LICENSE # _____
CITY, STATE, ZIP _____ TELEPHONE/EMAIL _____

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ **Date:** _____

CONSULTANT COMPANY:

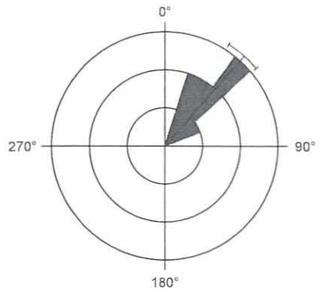
CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis Street, Suite A TELEPHONE 510-420-0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

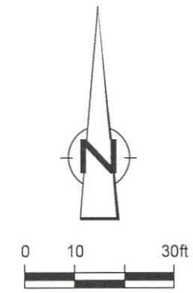
Responsible Professional's Name (Please print legibly) Ron Scheele
Responsible Professional's Signature Ron Scheele **Date:** 2/12/13
California Professional Geologist (PG) No. #8842 Ph. # 6842 **or Civil Engineer (PE) No.** _____

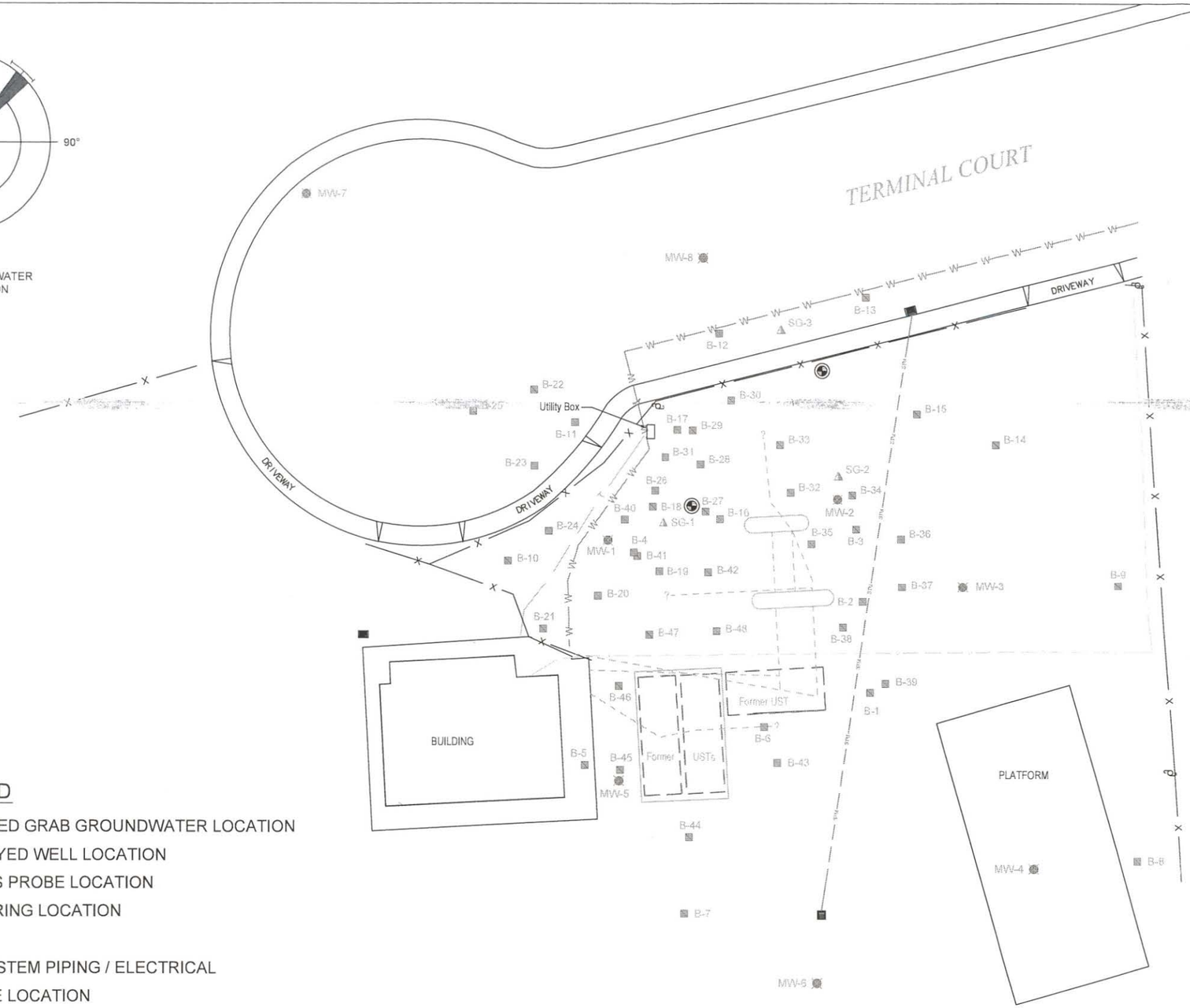
Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1



HISTORIC GROUNDWATER
FLOW DIRECTION





LEGEND

- PROPOSED GRAB GROUNDWATER LOCATION
- DESTROYED WELL LOCATION
- SOIL GAS PROBE LOCATION
- SOIL BORING LOCATION
- FENCE
- FUEL SYSTEM PIPING / ELECTRICAL
- GAS LINE LOCATION
- STORM DRAIN LOCATION
- TELECOM LINE LOCATION
- WATER LINE LOCATION

Figure 4

PROPOSED GRAB GROUNDWATER LOCATIONS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM004 JAN 22/2013

CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: February 26, 2013

REFERENCE NO.: 161558

PROJECT NAME: Agency Case No. 55014
Former Olympian Card-Lock
Currently Golden Gate Produce

TO: Mr. Jacob Madden
San Mateo County Env. Health Services Div.
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
FEB 28 2013
RECEIVED

Please find enclosed:
- ☐ Draft
- ☒ Originals
- ☒ Prints
- ☐ Final
- ☐ Other

Sent via:
- ☒ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☐ Other

QUANTITY	DESCRIPTION
1	2013 Subsurface Drilling Permit Application
1	Check # 11461 in the amount of $577.00
1	Proposed Boring Locations Map

- ☐ As Requested
- ☐ For Your Use
- ☐ For Review and Comment
- ☐
- ☐

COMMENTS:
Attached is a completed boring permit and associated fees and site plan. If you have any questions, please contact Dan Glaze at (510)376-0657.

Copy to:

Completed by: Dan Glaze [Please Print]

Signed: Dan Glaze

Filing: Correspondence File

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 13- 1430

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
131 TERMINAL CT, S SAN FRANCISCO

OWNER:
OLYMPIAN JV
1300 INDUSTRIAL ROAD SUITE 2
SAN CARLOS

WP0009545 FA0051497
015113210
AMOUNT PAID: 577.00

CONTRACTOR:
WOODWARD DRILLING

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS
CONSULTANT: CONESTOGA ROVERS & ASSOC
PROJECT MGR: RON SCHEELE
RO0001695

JACOB MADDEN

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 7/24/2013

EXPIRATION DATE: 11/24/2013

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

Amt 577.00

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

PAID
CK NO 11546
DATE 7-18-13

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

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SAN MATEO COUNTY ENVIRONMENTAL HEALTH
JUL 18 2013
RECEIVED

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS _____ WELL/BORING NAMES B53 + B54

PURPOSE OF DRILLING ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

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NAME Olympian JV CONTACT PERSON Janet Heikel
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TELEPHONE (650) 596-8950 EMAIL janeth@oginc.net

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Well/Boring Owner's/Contact Person's Signature: [signature] V.P. **Date:** 7/16/13

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Primo Ripetta
ADDRESS 131 Terminal Ct CITY, STATE, ZIP South San Francisco, CA
TELEPHONE 320-583-4886 EMAIL ggpt2inc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: _____ **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling CONTACT PERSON Ryan Woodward
ADDRESS 550 River Rd. C57 DRILLERS LICENSE # 710079
CITY, STATE, ZIP Rio Vista, CA 94571 TELEPHONE/EMAIL 707-374-4300/ ryan@woodwarddrilling.com

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ **Date:** _____

CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis Street, Suite A TELEPHONE 510-420-0700
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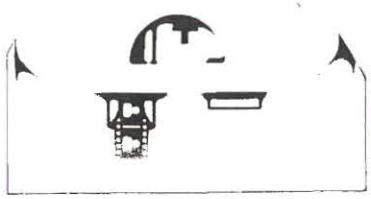
Responsible Professional's Name (Please print legibly) Ron Scheele
Responsible Professional's Signature _____ **Date:** _____
California Professional Geologist (PG) No. #6842 **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA51497



 2013 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology may be requested by County staff. Upon review of information on this application, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for a mobilization associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2013 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ RO/FA# 1695 Date: 7-18-2013

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

TH

FEES:
$577.00 (env. borings or any wells)
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ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS 2 WELL/BORING NAMES B53+B54

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Former Olympian JV Cardlock ASSESSOR'S PARCEL # 015113210 (one per permit)

DRILLING LOCATION ADDRESS 131 Terminal Court CITY South San Francisco

To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____

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Boring Diameter 3 inches Casing Diameter 3/4-inch Filter Pack Interval NA Screen Interval NA

Development Method NA - grab groundwater (additional 48 hour staff notification required)

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Well/Boring Owner's/Contact Person's Signature: _____ **Date:** _____

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Golden Gate Produce Terminal CONTACT PERSON Peter Carcione, President
ADDRESS 131 Terminal Ct CITY, STATE, ZIP South San Francisco, CA
TELEPHONE 320-583-4886 EMAIL ggpt2inc@aol.com

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Property Owner's Signature: _____ **Date:** 7-3-13

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling CONTACT PERSON Ryan Woodward
ADDRESS 550 River Rd. C57 DRILLERS LICENSE # 710079
CITY, STATE, ZIP Rio Vista, CA 94571 TELEPHONE/EMAIL 707-374-4300/ ryan@woodwarddrilling.com

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CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
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Responsible Professional's Name (Please print legibly) Ron Scheele

Responsible Professional's Signature _____ **Date:** _____

California Professional Geologist (PG) No. #6842 **or Civil Engineer (PE) No.**

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Revised every January 1

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Driller's Signature: Ryan Woodward **Date:** 6/26/2013

CONSULTANT COMPANY:

CONSULTANT COMPANY Conestoga-Rovers & Assoc PROJECT MANAGER Ron Scheele
ADDRESS 5900 Hollis Street, Suite A TELEPHONE 510-420-0700
CITY, STATE, ZIP Emeryville, CA 94608 EMAIL rscheele@craworld.com
I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) Ron Scheele
Responsible Professional's Signature Ron Scheele **Date:** 7/16/2013
California Professional Geologist (PG) No. #6842 or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

CONESTOGA-ROVERS & ASSOCIATES

2300 Clayton Road, Suite 920
Concord, California 94520
Telephone: (925) 849-1000 Fax: (925) 849-1040
www.CRAworld.com

TRANSMITTAL

DATE: July 17, 2013

REFERENCE NO.: 161558

PROJECT NAME: Agency Case No. 55014

TO: Mr. Jacob Madden
San Mateo County Env. Health Services Div.
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA

Former Olympian Card-Lock
Currently Golden Gate Produce

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
JUL 18 2013
RECEIVED

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☒ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other

QUANTITY	DESCRIPTION
3	2013 Subsurface Drilling Permit Applications
1	Check # 11546 in the amount of $577.00
1	Proposed Boring Locations Map

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

COMMENTS:
Attached is a completed boring permit, associated fees and site plan. **Drilling activities are scheduled for July 26th.** If you have any questions, please contact Dan Glaze at (510)376-0657.

Copy to:

Completed by: Dan Glaze [Please Print] Signed:

Filing: **Correspondence File**

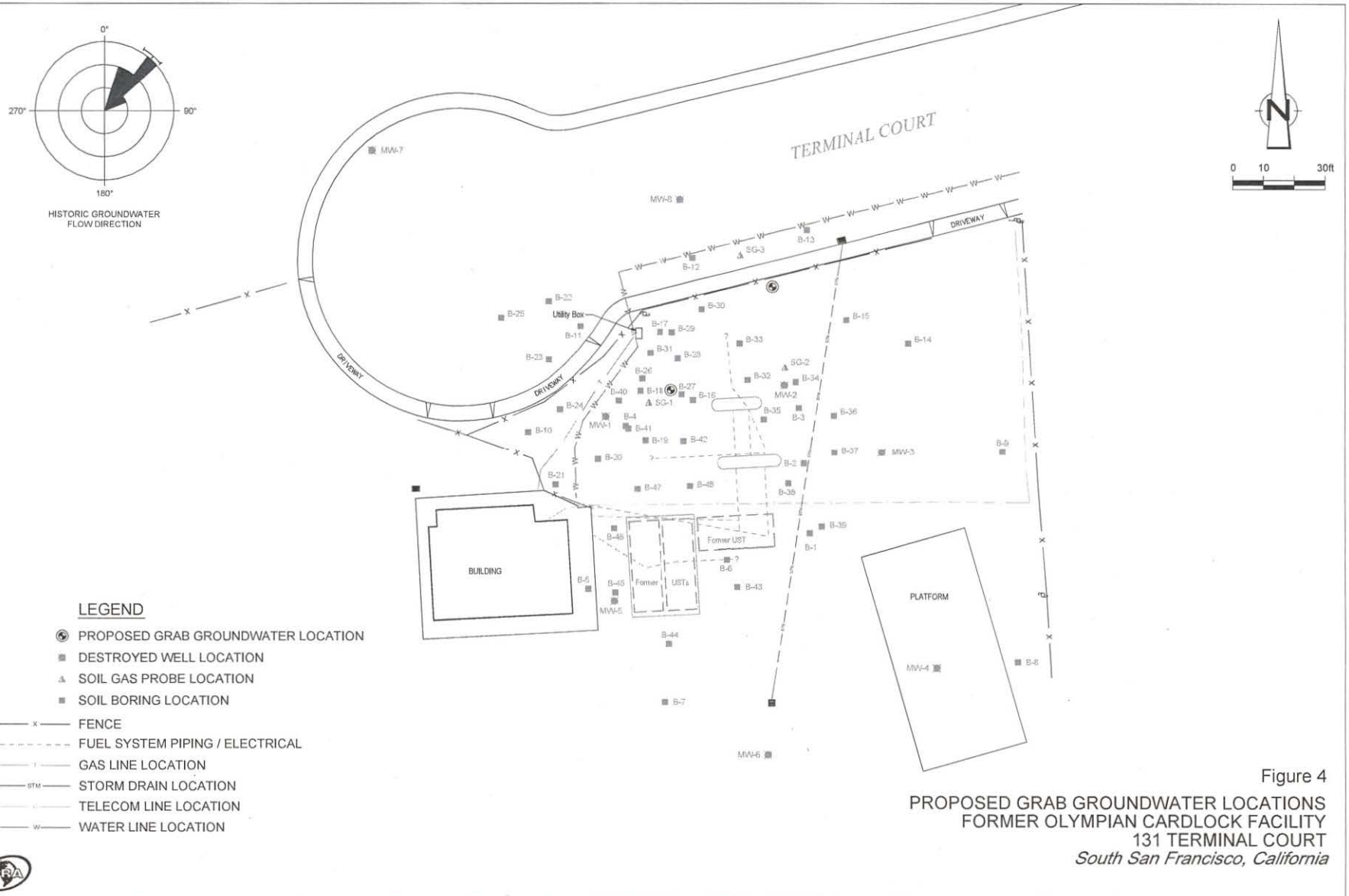

Figure 4

PROPOSED GRAB GROUNDWATER LOCATIONS
FORMER OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
South San Francisco, California

161558-142(012)GN-EM004 JAN 22/2013

APPENDIX C

LABORATORY ANALYTICAL REPORTS

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 03/19/13
		Date Received: 03/19/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Reported: 03/27/13
Emeryville, CA 94608	Client P.O.:	Date Completed: 03/27/13

WorkOrder: 1303523

March 27, 2013

Dear Dan:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#161558-143; Terminal Court,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1303523

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze	Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc	
5900 Hollis Street	
Emeryville, CA 94608	E-Mail: dglaze@craworld.com
Tele: (510) 420-3318	Fax: (510) 376-0657
Project #: 161558-143	Project Name: Terminal Court
Project Location: 131 Terminal Ct, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) with silica gel cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Use the Dawn Zemo Separation Method for G+D by 8015	Other	Other	Comments
+10 B-49	B-49	3/19/13	9:00	6	GLASS	X					X				X	X															X			Filter Samples for Metals analysis: Yes / No
+5 B-50	B-50	3/19/13	10:25	6	↓	X					X				X	X															X			

Relinquished By:	Date: 3/19/13	Time: 2:20	Received By:
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4.0
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS:
Email results to: dglaze@craworld.com and rscheele@craworld.com

PRESERVATION VOAS ✓ | O&G | METALS | OTHER
pH<2

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1303523 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc: rscheele@CRAworld.com
PO:
ProjectNo: #161558-143; Terminal Court

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **03/19/2013**
Date Printed: **03/19/2013**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1303523-001	B-49	Water	3/19/2013 9:00	☐	A	A	B									
1303523-002	B-50	Water	3/19/2013 10:25	☐	A		B									

Test Legend:

1	G-MBTEX-DZ_W	2	PREDF REPORT	3	TPH-DZ-MAIWSG_W	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **3/19/2013 3:07:57 PM**

Project Name: **#161558-143; Terminal Court**
LogIn Reviewed by: Maria Venegas

WorkOrder N°: **1303523** Matrix: Water
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

1303523

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY
EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze Bill To: Dan Glaze
Company: Conestoga-Rovers & Assoc
5900 Hollis Street
Emeryville, CA 94608 E-Mail: dglaze@craworld.com
Tele: (510) 420-3318 Fax: (510) 376-0657
Project #: 161558-143 Project Name: Terminal Court
Project Location: 131 Terminal Ct, South San Francisco, CA
Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) with silica gel cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other: Use the Dawn Zemo Separation Method for G+D by 8015	Comments: Filter Samples for Metals analysis: Yes / No
+10 B-49	B-49	3/19/13	9:00	6	G&D	X					X				X	X															X	
+5 B-50	B-50	3/19/13	10:25	6	↓	X					X				X	X															X	

Relinquished By:	Date:	Time:	Received By:
	3/19/13	2:20	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4.0
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION VOAS ✓ | O&G | METALS | OTHER
pH<2

COMMENTS:
Email results to: dglaze@craworld.com and rscheele@craworld.com

*Please circle water type:
GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 03/19/13
		Date Received: 03/19/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted: 03/26/13
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/26/13

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B/Dawn Zemo Separation Analytical methods: SW8021B/8015Bm Work Order: 1303523

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	B-49	W	110	ND<10	19	ND	0.64	ND	1	95	d1,b1
002A	B-50	W	36,000	ND<250	590	2100	670	3400	50	96	d1,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
d1) weakly modified or unmodified gasoline is significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 03/19/13
		Date Received: 03/19/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 03/19/13
Emeryville, CA 94608	Client P.O.:	Date Analyzed 03/23/13-03/26/13

Total Extractable Petroleum Hydrocarbons with Dawn Zemo Separation & MAI Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/Dawn Zemo Separation Analytical methods: SW8015B Work Order: 1303523

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1303523-001B	B-49	W	53	1	96	e4,e2,b1
1303523-002B	B-50	W	3800	1	101	e4,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

#) cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; &) low or no surrogate due to matrix interference.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 75887 | WorkOrder: 1303523

EPA Method: SW8021B/8015Bm **Extraction: SW5030B/Dawn Zemo Separation** **Spiked Sample ID: 1303704-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	60	98.5	107	8.26	105	70 - 130	20	70 - 130
MTBE	ND	10	97.5	106	8.26	98	70 - 130	20	70 - 130
Benzene	ND	10	87.7	94.4	7.33	92.8	70 - 130	20	70 - 130
Toluene	ND	10	86	97.9	13.0	90.7	70 - 130	20	70 - 130
Ethylbenzene	ND	10	90.6	97.4	7.23	94.2	70 - 130	20	70 - 130
Xylenes	ND	30	96.3	103	7.15	99.6	70 - 130	20	70 - 130
%SS:	96	10	88	88	0	89	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 75887 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1303523-001A	03/19/13 9:00 AM	03/26/13	03/26/13 11:59 PM	1303523-002A	03/19/13 10:25 AM	03/26/13	03/26/13 5:30 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or different container was used.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 75575 | WorkOrder: 1303523

EPA Method: SW8015B | **Extraction: SW3510C/3630C/Dawn Zemo Separation** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	110	N/A	N/A	70 - 130
%SS:	N/A	625	N/A	N/A	N/A	96	N/A	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 75575 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1303523-001B	03/19/13 9:00 AM	03/19/13	03/26/13 12:11 PM	1303523-002B	03/19/13 10:25 AM	03/19/13	03/23/13 6:13 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 07/26/13
		Date Received: 07/26/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Reported: 07/31/13
Emeryville, CA 94608	Client P.O.:	Date Completed: 07/31/13

WorkOrder: 1307854

August 01, 2013

Dear Dan:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#161558-143; Terminal Court,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1307854

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Road
Pittsburg, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 252-9262 Toll Free (877) 252-9262 Fax: (925) 252-2969

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ❑ RUSH ❑ 24 HR ❑ 48 HR ❑ 72 HR ■ 5 DAY

EDF Required [circle one]? Coelt (Normal) Write On (DW) No EDF required

Report To: Dan Glaze Bill To: Dan Glaze

Company: Conestoga-Rovers & Assoc
2300 Clayton Road, Ste 920
Concord, CA 94520 E-Mail: dglaze@craworld.com

Tele: (510) 376-0657 Tele: (510) 376-0657

Project #: 161558-143 Project Name: Terminal Court

Project Location: 131 Terminal Ct, South San Francisco, CA

Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) with silica gel cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270SIM / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	Other: Use the Dawn Zemo Separation Method for G+D by 8015
B-53		7/26/13	9:15	6	VOA/AG	X					X				X	X															X
B-54		7/26/13	11:02	6		X					X				X	X															X

TDD

Relinquished By:	Date:	Time:	Received By:
	7/26	2:55	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 1.2

COMMENTS:

GOOD CONDITION_____ Email results to: dglaze@craworld.com and rscheele@craworld.com

HEAD SPACE ABSENT_____

DECHLORINATED IN LAB_____

APPROPRIATE CONTAINERS_____

PRESERVED IN LAB_____

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

*Please circle water type:

GROUND WASTE DRINKING RECREATIONAL EFFLUENT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1307854 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dan Glaze
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3327 FAX: (510) 420-9170

Email: dglaze@CRAworld.com
cc:
PO:
ProjectNo: #161558-143; Terminal Court

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **07/26/2013**
Date Printed: **07/26/2013**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1307854-001	B-53	Water	7/26/2013 9:15	☐	A	A	B									
1307854-002	B-54	Water	7/26/2013 11:02	☐	A		B									

Test Legend:

1	G-MBTEX-DZ_W	2	PREDF REPORT	3	TPH-DZ-MAIWSG_W	4		5	
6		7		8		9		10	
11		12							

Prepared by: Laura Rodriguez

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **7/26/2013 3:00:00 PM**

Project Name: **#161558-143; Terminal Court**
LogIn Reviewed by: Laura Rodriguez

WorkOrder N°: **1307854** Matrix: Water
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 1.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 07/26/13
		Date Received: 07/26/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted: 07/30/13
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 07/30/13

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B/Dawn Zemo Separation Analytical methods: SW8021B/8015Bm Work Order: 1307854

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	B-53	W	50	11	5.5	ND	ND	ND	1	106	d1,b1
002A	B-54	W	51,000	ND<500	2800	7700	1300	6800	100	118	d1,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
d1) weakly modified or unmodified gasoline is significant

CDPH ELAP 1644 ♦ NELAP 12283CA IA Analyst's Initial Angela Rydelius, Lab Manager

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Conestoga-Rovers & Associates	Client Project ID: #161558-143; Terminal Court	Date Sampled: 07/26/13
		Date Received: 07/26/13
5900 Hollis St, Suite A	Client Contact: Dan Glaze	Date Extracted 07/26/13
Emeryville, CA 94608	Client P.O.:	Date Analyzed 07/31/13

Total Extractable Petroleum Hydrocarbons with Dawn Zemo Separation & MAI Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/Dawn Zemo Separation Analytical methods: SW8015B Work Order: 1307854

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1307854-001B	B-53	W	62	1	87	e4,b1
1307854-002B	B-54	W	4500	1	87	e4,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

#) cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; &) low or no surrogate due to matrix interference.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
e4) gasoline range compounds are significant.

CDPH ELAP 1644 ♦ NELAP 12283CA MAM Analyst's Initial Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 79944 | WorkOrder: 1307854

EPA Method: SW8021B/8015Bm **Extraction: SW5030B/Dawn Zemo Separation** **Spiked Sample ID: 1307885-006A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	60	96.1	99.2	3.14	88.6	70 - 130	20	70 - 130
MTBE	ND	10	91.7	88.4	3.59	80.9	70 - 130	20	70 - 130
Benzene	ND	10	98.3	103	4.84	97.3	70 - 130	20	70 - 130
Toluene	ND	10	101	103	2.19	99.3	70 - 130	20	70 - 130
Ethylbenzene	ND	10	99.4	102	2.19	97	70 - 130	20	70 - 130
Xylenes	ND	30	101	102	0.600	96	70 - 130	20	70 - 130
%SS:	111	10	104	111	6.37	105	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 79944 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1307854-001A	07/26/13 9:15 AM	07/30/13	07/30/13 4:39 AM	1307854-002A	07/26/13 11:02 AM	07/30/13	07/30/13 10:29 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or different container was used.

CDPH ELAP 1644 ♦ NELAP 12283CA

QA/QC Officer

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http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 79846 | WorkOrder: 1307854

EPA Method: SW8015B | **Extraction: SW3510C/3630C/Dawn Zemo Separation** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	119	N/A	N/A	70 - 130
%SS:	N/A	625	N/A	N/A	N/A	104	N/A	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 79846 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1307854-001B	07/26/13 9:15 AM	07/26/13	07/31/13 1:39 AM	1307854-002B	07/26/13 11:02 AM	07/26/13	07/31/13 12:30 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

CDPH ELAP 1644 ♦ NELAP 12283CA

QA/QC Officer

APPENDIX D

WASTE DISPOSAL

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1	888-423-6060	0702049

GENERATOR

5. Generator's Name and Mailing Address
Olympian JV c/o CRA
5900 Hollis Street, Suite A, Emeryville, CA 94608
Generator's Phone: 510-420-0700

Generator's Site Address (if different than mailing address)
131 Terminal Court
South San Francisco, CA 94080

6. Transporter 1 Company Name: American Integrated Services, Inc.
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Soil)	001	DM	500	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
Profile#: PHLF11058 1x55
Project #: 73006-2-63

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: BELEW YIFRU AS DELEGATED AGENT FOR OLYMPIAN JV
Signature
Month: 08 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MARCO MARTINEZ
Signature
Month: 8 Day: 21 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

APPENDIX E

LOW-THREAT UST CASE CLOSURE CHECKLIST

Low-Threat UST Case Closure Policy Checklist

Site: 131 Terminal Court, South San Francisco, CA **Date:** 10/8/2013

Checklist Summary **Yes:** 11 **No:** 0

General Criteria Yes / No

1. ***Is the site located in an area serviced by an existing public water system?*** Yes

2. ***Does the unauthorized release consist only of petroleum?*** Yes
   (crude oil fractions including motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, used oil, and additives and blending agents such as oxygenates)

3. ***Has the unauthorized release been stopped?*** Yes
   (USTs, piping, and dispensers removed, repaired, or replaced)

4. ***Has free product been removed to the maximum extent practicable?*** Yes

5. ***Has a Conceptual Site Model (CSM) been developed?*** Yes
   CSM includes the following:
   - Establishes source and attributes of unauthorized release
   - Describes all affected media
   - Establish the nature, extent, and mobility of the release
   - Describes local geology, hydrogeology and other physical site characteristics
   - Identifies receptors including water supply wells, surface water bodies, nearby structures and their inhabitants

6. ***Has the secondary source been removed to the extent practicable?*** Yes
   Secondary source defined as petroleum-impacted soil and groundwater immediately below point of release from the primary source

   "To the extent practicable" defined as implementing a cost-effective corrective action that removes or destroys-in-place most readily recoverable fraction of source-area mass.

   Additional corrective action not required under policy unless needed to abate threat to human health or groundwater plume does not meet low-threat definition.

7. ***Has soil and groundwater been tested for MTBE?*** Yes
   Not required for sites with only diesel or jet fuel releases

8. ***Nuisance (as defined by Water Code section 13050) does not exist at the site.*** Yes
   A nuisance is defined as anything which meets <u>all</u> of the following:
   1) Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property.
   2) Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal.
   3) Occurs during, or as a result of, the treatment or disposal of wastes.

Low-Threat UST Case Closure Policy Checklist

Media-Specific Criteria - Groundwater Yes / No

9. ***Is the contaminant plume that exceeds WQOs stable or decreasing* in aerial extent, and does it meet all of the additional characteristics in one of the five classes of site listed below, or has groundwater not been impacted?*** Yes

☐ 1 Extent of the plume that exceeds WQOs <100' in length.
No free product.
Nearest water supply well or surface water >250' from plume boundary.

☒ 2 Extent of the plume that exceeds WQOs <250' in length.
No free product.
Nearest water supply well or surface water >1,000' from plume boundary.
Dissolved benzene <3,000 µg/L and dissolved MTBE <1,000 µg/L.

☐ 3 Extent of the plume that exceeds WQOs <250' in length.
Free product has been removed to maximum extent practicable, and is not found offsite.
Plume stable or decreasing for ≥5 years.
Nearest water supply well or surface water >1,000' from plume boundary.
Property owner willing to accept a land use restriction, if required by regulator for case closure.

☐ 4 Extent of the plume that exceeds WQOs <1,000' in length.
No free product.
Nearest water supply well or surface water >1,000' from plume boundary.
Dissolved benzene and MTBE <1,000 µg/L.

☐ 5 The regulatory agency determines , based on an analysis of site-specific conditions that under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and WQOs will be achieved within a reasonable time frame.

* A plume that is "stable or decreasing" is a contaminant mass that has expanded to its maximum extent: the distance from the release where attenuation exceeds migration.

☐ **Sites with Releases That Have Not Affected Groundwater**

Sites with soil that does not contain sufficient mobile constituents [leachate, vapors, or light non-aqueous-phase liquids (LNAPL)] to cause groundwater to exceed the groundwater criteria in this policy shall be considered low-threat sites for the groundwater medium. Provided the general criteria and criteria for other media are also met, those sites are eligible for case closure.
For older releases, the absence of current groundwater impact is often a good indication that residual concentrations present in the soil are not a source for groundwater pollution.

Low-Threat UST Case Closure Policy Checklist

Media-Specific Criteria - Vapor Yes / No

10. ***Does the site meet low-threat vapor-intrusion criteria 1 - 3 as applicable, or criteria 4, or has a site-specific risk assessment for the vapor intrusion pathway demonstrated that human health is protected, or is the is the site an active fueling facility, or have mitigation measures, engineering or institutional controls mitigated the vapor risk?*** Yes

Applies only to sites where the release originated and impacted or potentially impacted adjacent parcels where; existing buildings are occupied or may be reasonably expected to be occupied in future, or buildings for human occupancy are reasonably expected to be constructed in near future.

☐ As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, the regulatory agency determines that petroleum vapors migrating from soil or groundwater will have no significant risk of adversely affecting human health.

☐ The site is an active fueling facility and there is no reasonable concern that subsurface contamination poses unacceptable indoor inhalation health risk.

☒ Site-specific HHRA demonstrates no vapor intrusion risk

Criteria 1 and 2 apply to sites with LNAPL in soil and/or groundwater

☐ 1 Depth to groundwater with unweathered LNAPL** is ≥30' below building foundation.
Total TPH (TPHg + TPHd) in soil within 30' below building foundation is <100 mg/kg

☐ 2 Depth to groundwater is >30' below building foundation.
Unweathered LNAPL** in soil is ≥30' from building foundation in all directions.
Total TPH in soil within 30' of building foundation in all directions is <100 mg/kg.

**unweathered LNAPL is comparable to recently dispensed fuel where product has not been subjected to significant volatilization or solubilization

Criteria 3 applies to sites without LNAPL, but has dissolved benzene in groundwater

☐ 3a Depth to groundwater is ≥5' below building foundation.
Dissolved benzene in groundwater is <100 µg/L.
Total TPH in soil within 5' below building foundation is <100 mg/kg
O_2 concentration in soil within 5' below building foundation is <4%, or no O_2 data.

☐ 3b Depth to groundwater is ≥10' below building foundation.
Dissolved benzene in groundwater is <1,000 µg/L.
Total TPH in soil within 10' below building foundation is <100 mg/kg
O_2 concentration in soil within 10' below building foundation is <4%, or no O_2 data.

☐ 3c Depth to groundwater is ≥5' below building foundation.
Dissolved benzene in groundwater is <1,000 µg/L.
Total TPH in soil within 5' below building foundation is <100 mg/kg
O_2 concentration in soil within 5' below building foundation is ≥4%.

Low-Threat UST Case Closure Policy Checklist

Media-Specific Criteria - Vapor (continued) Yes

Criteria 4 applies to direct soil gas sampling, with vapor samples collected 5' below existing building foundation, or 5' below ground surface for future construction

☐ 4a

Screening levels for sites with bioattenuation zone***

	Benzene	Ethylbenzene	Naphthalene
Residential	<85,000 µg/m^3	<1,100,000 µg/m^3	<93,000 µg/m^3
Commercial	<280,000 µg/m^3	<3,600,000 µg/m^3	<310,000 µg/m^3

☐ 4b Screening levels for sites without bioattenuation zone (same as CHHSLs)

	Benzene	Ethylbenzene	Naphthalene
Residential	<85 µg/m^3	<1,100 µg/m^3	<93 µg/m^3
Commercial	<280 µg/m^3	<3,600 µg/m^3	<310 µg/m^3

*** total TPH <100 mg/kg in upper 5' of soil, and ≥4% oxygen in soil at 5' sample depth

Media-Specific Criteria - Direct Contact and Outdoor Air Exposure

11. ***Does the site meet one of the following 3 low-threat direct contact and outdoor air exposure criteria?*** Yes

☒ 1 Concentrations in soil are less than or equal to the following*:

Residential ***(All units are mg/kg)***

Depth (feet)	Benzene mg/kg	Ethylbenzene	Naphthalene	PAHs^
0 - 5	1.9	21	9.7	0.063
5 - 10	2.8	32	9.7	NA

Commercial / Industrial ***(All units are mg/kg)***

Depth (feet)	Benzene	Ethylbenzene	Naphthalene	PAHs^
0 - 5	8.2	89	45	0.068
5 - 10	12	134	45	NA

Utility Worker ***(All units are mg/kg)***

Depth	Benzene	Ethylbenzene	Naphthalene	PAHs^
0 - 10 feet	14	314	219	4.5

* The area of impacted soil where a particular exposure occurs is ≤ 25 by 25 meters.

^ Based on 7 carcinogenic PAHs as benzo(a)pyrene toxicity equivalent, only where soil affected by waste oil and/or Bunker C fuel

☐ 2 Maximum petroleum constituent concentrations in soil are less than levels that a site-specific risk assessment shows there is no significant risk to human health.

☐ 3 Direct contact and outdoor air exposure mitigated through institutional or engineered controls and regulator agrees that no significant risk to human health exists.

Low-Threat UST Case Closure Policy Checklist

If all 11 questions above are answered "YES," then site will be considered eligible for case closure according to the Low-Threat Closure Policy.

Provide comments below for any "No" answers to questions 1 through 11 above.

Provide details on why "No" answer was selected.
Outline the strategy for getting a "Yes" answer for each question answered "No" above.
The resulting strategy should be incorporated into an updated E2E plan for the site.

CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A, Emeryville, Calfornia 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
www.CRAworld.com

May 30, 2008

Mr. Charles Ice
San Mateo County Health Services Agency
Public Health and Environmental Protection Division
455 County Center
Redwood City, California 94063

Re: **Site Assessment Report**
Olympian Cardlock Facility
131 Terminal Court
South San Francisco, California
SMCo Site # 550158
CRA Project # 161558

Dear Mr. Ice:

On behalf of Olympian JV, Conestoga-Rovers & Associates, Inc. (CRA), has prepared the enclosed *Site Assessment Report* for the referenced site.

If you have any questions, please call me at (510) 420-3327.

Sincerely,
Conestoga-Rovers & Associates

Ron Scheele, P.G.
Senior Geologist

Enclosure: *Site Assessment Report*

cc: Ms. Janet Heikel, Olympian JV, 1300 Industrial Road, Suite 2, San Carlos, CA 94070
Ms. Amanda Appelt, Nella Oil, 2360 Lindbergh Street, Auburn, CA 95602
Golden Gate Produce Terminal Ltd., 131 Terminal Court, South San Francisco, CA 94080

CONESTOGA-ROVERS
& ASSOCIATES

SITE ASSESSMENT REPORT

OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA
SMCO SITE # 550158
CRA PROJECT # 161558

MAY 30, 2008

Prepared for:

Olympian, JV
1300 Industrial Road, Suite 2
San Carlos, California 94070

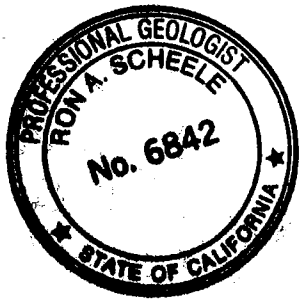
Prepared by:

Conestoga-Rovers & Associates, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

Conestoga-Rovers & Associates, Inc. (CRA) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to CRA from outside sources and/or in the public domain, and partially on information supplied by CRA and its subcontractors. CRA makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by CRA. This document represents the best professional judgment of CRA. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Ron Scheele, P.G.
Senior Geologist



SITE ASSESSMENT REPORT

OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

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SITE ASSESSMENT REPORT

OLYMPIAN CARDLOCK FACILITY
131 TERMINAL COURT
SOUTH SAN FRANCISCO, CALIFORNIA

1.0 INTRODUCTION

On behalf of Olympian, JV (Olympian), Conestoga-Rovers & Associates, Inc. (CRA) has prepared this *Site Assessment Report* for the referenced site. The site assessment activities were conducted in accordance with CRA's May 20, 2007 *Soil Gas Sampling and Risk Assessment Work Plan* (work plan) and CRA's July 19, 2007 *Addendum to Soil Gas Sampling and Risk Assessment Work Plan* (addendum). Presented below are the site background, a summary of previous investigations, an evaluation of the contaminant distribution, a detailed description of the site assessment activities, a discussion of the assessment findings, and our conclusions and recommendations.

2.0 SITE BACKGROUND

2.1 Site Description

The site is an active commercial fueling facility located near the intersection of Terminal Court and Produce Avenue in South San Francisco, California (Figure 1). The site consists of two dispenser islands, and one diesel and two gasoline underground storage tanks (USTs). The entire site is paved with asphalt and concrete. The locations of these features are shown on Figure 2.

The site is located in a commercial industrial area of South San Francisco. The property adjoins Golden Gate Produce Terminal to the west and Park 'N' Fly parking lot to the east. Bayshore Freeway 101 is located approximately 200 feet (ft) east of the site. The site topography is relatively flat and is approximately 6 feet above mean sea level (ft msl). The nearest surface water is Coma Creek, approximately 0.25 miles north of the site. The San Francisco Bay is approximately one mile east of the site.

2.2 Geology and Hydrogeology

Geology: The site is located in the Coast Range Geomorphic Province of California. According to the geologic map by Jennings and Burnett (1961), the general site area is underlain by unconsolidated artificial fill primarily consisting of clayey fine sand, silt, clay, rock fragments, and organic material underlain by Quaternary alluvium and dune deposits. Bedrock in the area primarily is Mesozoic ultrabasic rocks, including serpentine.

The soil beneath the site generally consists of sandy gravel or sandy silt from approximately 0.5 to 4 feet below ground surface (ft bgs), underlain by silty sand to approximately 10 ft bgs, and dark grey, low estimated permeability, silty clay ("Bay Muds") to a total explored depth of 18 ft bgs. Boring logs are presented in Appendix B.

Hydrogeology: According to the Department of Water Resources, Bulletin 118 (2004), the site is located within the South San Francisco Groundwater Basin. In the Proposed Groundwater Amendments to the Water Quality Control Plan (RWQCB-SFBR 2000) the subject site is located in a proposed groundwater management zone and classified as a non-potable water resource, due to high levels of total dissolved solids (TDS). Analysis of groundwater from monitoring well MW-3 in July 2001 detected TDS at 19,524 milligrams per liter (mg/L), indicative of non-potable water quality (>3000 mg/L) for the shallow groundwater at the site.

Shallow groundwater typically ranges between 1 to 3.5 ft bgs (Table 1). Groundwater predominantly flows toward the northeast with a gradient of approximately 0.03 ft/foot. Quarterly groundwater monitoring has been performed since April 2000.

3.0 PREVIOUS INVESTIGATIONS

The following is the chronology of previous site assessment activities at the site. Soil boring and well locations are presented on Figure 2. Groundwater analytical data are presented in Table 1, soil analytical data in Table 2, and soil gas analytical data in Table 3.

***October 1998*:** During the product piping upgrade activities in October 1998, TEC Accutite (TEC) collected soil samples T-1 through T-3 from the piping trench at approximately 2.5 ft. bgs. Total petroleum hydrocarbon as gasoline (TPHg), total petroleum hydrocarbon as diesel (TPHd), benzene, and methyl tertiary butyl ether (MTBE) were detected in the soil at maximum concentrations of 7,600 milligrams per kilogram (mg/kg) TPHd; 2,400 mg/kg TPHg; 1 mg/kg benzene; and 9 mg/kg MTBE were detected.

October 1999 Soil Investigation: To assess the subsurface condition, TEC advanced nine onsite soil borings (B-1 through B-9) and collected soil and grab groundwater samples. Maximum soil concentrations were detected at 280 mg/kg TPHd in boring B-2 at 4 ft bgs; 16 mg/kg TPHg in boring B-3 at 4 ft bgs, 0.063 mg/kg benzene in boring B-3 at 4 ft bgs; and 0.84 mg/kg MTBE in boring B-6 at 4 ft bgs. Maximum groundwater concentrations were detected in boring B-3 at 8,800 µg/L TPHd, 21,000 µg/L TPHg, and 1,200 µg/L benzene.

***March 2000 Well Installations*:** On March 17, 2000, TEC drilled five soil borings (B-10 through B-14), and installed five monitoring wells (MW-1 to MW-5). Maximum soil concentrations of 780 mg/kg TPHg and 0.79 mg/kg benzene were detected in boring B-11 at 9 ft bgs. Maximum

groundwater concentrations were detected in boring B-11 at 69 µg/L TPHd, 16,000 µg/L TPHg, and 850 µg/L benzene. No MTBE was detected above laboratory reporting limits in any of the groundwater samples.

***July 2001*:** On July 2, 2001, TEC installed three groundwater monitoring wells (MW-6 through MW-8) to determine the down-gradient extent of the groundwater plume. No petroleum hydrocarbons were detected above laboratory reporting limits in soil. TPHd and MTBE were detected in groundwater at a maximum concentration of 700 µg/L in well MW-8, and 10 µg/L in well MW-6, respectively. No TPHg and benzene were detected in groundwater.

October 2002 Risk Assessment: On October 14, 2002, TEC submitted the *Impact Evaluation of the Subsurface Utilities as Preferential Pathway and Risk Assessment of the Impact of Groundwater Petroleum Hydrocarbons on Indoor Air*. TEC concluded and recommended the following: the benzene groundwater plume is limited onsite near monitoring well MW-1 and the nearest utility lines on Terminal Count do not appear to impact the plume's path; the benzene groundwater concentration exceeds the indoor air risk based screening level of 84 part per billion (ppb); and in order to obtain case closure at the site, groundwater remediation near well MW-1 is recommended to decrease the benzene concentration below the risk level of 84 ppb.

February 2003 Feasibility Study: On February 4, 2003, TEC submitted the *Feasibility Study for Groundwater Remediation*. TEC recommended in-situ groundwater bioremediation, specifically oxygen release compound (ORC) injections.

April 2003 Treatability Study Workplan: On April 10, 2003, TEC submitted the *Treatability Study Workplan for Groundwater Remediation* justifying the implementation of ORC injections, which was subsequently approved by SCMHD in a letter dated July 22, 2003.

October 2003 ORC Injections: On October 16, 2003, TEC oversaw the drilling of 16 direct-push soil borings (A through P) by Vironex to be used as ORC injection points. Borings A through E were advanced to 10 ft bgs, and borings F through P were advanced to 8 ft bgs. A 1,600 square foot treatment area consisting of 16 points on 10 foot spacing was used to inject 930 pounds (lbs) of ORC in the vicinity of MW-1. The ORC remedial technique proved ineffective. The event is summarized in TEC's November 10, 2004 *Remedial Action Report*.

July 2005, Site Dual-Phase Extraction (DPE): Ecologics initiated interim remedial activities consisting of dual-phase extraction (DPE) at the site. Insufficient documentation is available to evaluate the DPE activities, but Ecologics concluded that DPE remediation was ineffective.

2006 Remedial Action Workplan: On May 1, 2006, Ecologics submitted a workplan which proposed excavating the impacted soil in the vicinity of well MW-1.

Quarterly Monitoring: Quarterly groundwater monitoring and sampling has been performed at the site since April 2000 and includes a network of 7 wells (MW-1 through MW-3 and MW-5 through MW-8). SMCHD's February 22, 2007 letter approved Cambria's proposed reduced groundwater monitoring schedule to sample wells MW-1, MW-2, and MW-8 on a semi-annually basis. Samples are analyzed for TPHd, TPHg, BTEX, and MTBE.

4.0 CONTAMINANT DISTRIBUTION

4.1 Hydrocarbon Distribution in Soil

Historical soil sampling results indicate that a release occurred from the product piping, on the north side of the USTs. Maximum concentrations of 7,600 mg/kg TPHd, 2,400 mg/kg TPHg, 1 mg/kg benzene, and 9 mg/kg MTBE were detected at a depth of 2.5 ft along the product piping trenches (T-1 through T-3). Following product piping upgrades in 1998, a total of 19 soil samples were collected from soil borings (B-1 through B-14) across the site and analyzed for TPHd, TPHg, BTEX, and MTBE. Most of the soil samples showed little to no hydrocarbon impact suggesting the majority of impacted soil is limited to a small area between the dispensers and USTs, extending to the west towards boring B-4.

4.2 Hydrocarbon Distribution in Groundwater

Dissolved-phase benzene is the primary contaminant of concern at the site, with low levels of MTBE in several of the wells. A small benzene plume remains in the center of the site, in the vicinity of the dispensers, and it is adequately defined. In March 2008, the highest benzene concentration was detected in MW-1 at 640 ug/L and the highest MTBE concentration was detected in MW-2 at 82 ug/L.

5.0 SITE ASSESSMENT ACTIVITIES

The objectives of the recent investigation were to determine potential future risk to human health from vapor intrusion and to evaluate the on-site storm sewer utility trench as a potential preferential pathway for contaminant migration. To achieve these objectives, CRA completed the following tasks:

- Collected and analyzed three soil gas samples (SG-1 through SG-3);
- Advanced a soil boring (B-15) beside the onsite storm sewer utility conduit and collected and analyzed a grab groundwater sample.

The locations of the soil gas borings and soil boring are presented on Figure 2. Site assessment activities were performed as described in CRA's Soil Gas Sampling and Risk Assessment Work Plan dated May 20, 2007 and CRA's Standard Operating Procedures presented in Appendix B. Soil gas sampling was conducted based on the Department of Toxic Substances Control's (DTSC) January 28, 2003 Advisory-Active Soil Gas Investigation (DTSC Advisory) and SMCHD's Using a Geoprobe to Collect Subsurface Vapor Samples for Human Health Risk Evaluation (Vapor Sampling Guidelines), revised March 9, 2006. SMCHD's Vapor Sampling Guidelines are also included in Appendix B. Presented below is a detailed account of sampling activities.

Personnel Present: CRA's Senior Staff Geologist Glenn Reiss oversaw the collection of soil gas samples, the advancement of soil boring B-15, and the collection of a grab groundwater sample from B-15. All soil gas sampling, soil boring, and grab groundwater sampling activities were overseen by CRA's Senior Geologist Ron Scheele, a California Professional Geologist.

Permits: San Mateo County Environmental Health Department issued subsurface drilling permits for soil boring activities. The City of South San Francisco Public Works Department issued an encroachment permit for the installation of soil boring SG-3 in the public right-of-way. Copies of the permits are included in Appendix C.

Drilling Company and Drilling Dates: Vironex (C57# 705927) of Pacheco, California performed soil gas sampling and soil boring activities on September 18, 2007.

Utility Location: CRA marked out the proposed boring and well locations with white paint and notified underground service alert (USA) to have the utilities marked out. In addition, CRA retained OHJ Subsurface Utility Locator of Oakland, California to locate and mark out underground utilities that were not marked by USA.

Soil Gas Sampling Method: Prior to advancing each soil gas boring (SG-1 through SG-3), Vironex connected a post-run tubing adaptor (PRT) to one end of a new section of polyethylene tubing. A closed vapor tight valve was installed on the other end of the tubing. Next, each boring was advanced to a depth of 1.5 ft bgs using a direct push drill rig. A threaded probe tip and a stainless steel (SST) expendable tip were used when advancing the rod to the target depth. The PRT adaptor was then reverse threaded into the probe tip and tightened against a rubber gasket seal. Subsequently, the drill rod was raised 6 inches, exposing a soil zone from 1 to 1.5 ft bgs for soil gas sampling. Next, a hydrated bentonite seal was installed around the bottom of the drill rod (between the rod and the ground surface) and the top of the drill rod (between the tubing and opening in the rod). After the bentonite was fully hydrated for at least 30 minutes, a SST manifold, including a 200 milliliter per minute flow controller, was connected to the vapor tight valve on the tubing. Two Summa canisters (a 6 liter purge canister and a 1 liter sample canister) were then connected to the manifold. The

manifold and Summa canisters were provided by Air Toxics, a state certified laboratory. The manifold was then vacuum tested for leaks by opening the purge Summa canister and closely watching the vacuum gauge. If the gauge showed any change, the manifold fittings were checked and tightened or the manifold was replaced with a new one as necessary until the vacuum test was successful and showed no change in vacuum pressure for at least 10 minutes. Next, the purge canister was used to purge approximately three casing volumes of air from the sample tubing line. Gauze moistened with isopropyl alcohol was applied to the base of the drill rod, the tubing near the top of the drill rod, and the tubing adjacent to the vapor tight valve on the down-hole side of the valve. Finally, the soil gas sample was collected using the one liter Summa canister. The vacuum of the Summa canister was used to draw soil gas through the flow controller until a negative pressure of approximately 5 inches of Hg was observed on the vacuum gauge. The sample was then labeled and recorded on the chain-of-custody, including the sample time and final vacuum pressure. A duplicate sample was collected from location SG-1 for quality control. Soil gas sampling field data sheets are presented as Appendix E.

Soil Gas Sample Analysis: Soil gas samples SG-1, SG-1 (Duplicate), SG-2, and SG-3 were submitted to Air Toxics of Sacramento, California for analysis by United States Environmental Protection Agency (EPA) Method TO-3 for TPHg, by EPA Method TO-15 for BTEX, MTBE, and isopropyl alcohol, and by American Standard Testing Method (ASTM) 1946D for oxygen, carbon dioxide, and methane. Air Toxics is a California state-certified laboratory. A copy of the laboratory analytical report is included in Appendix F.

Soil Boring and Grab Groundwater Sampling Method: Boring B-15 was advanced beside the onsite storm sewer utility conduit. The asphalt was cored using a core saw and then the boring was advanced to six feet bgs using a hand auger. Soil was visually examined and soil lithology was classified in a general accordance with the Unified Soil Classification System (USCS). Encountered soils were screened for hydrocarbons using a PID. No groundwater was encountered in the hole upon completion of the hand auger boring. Temporary PVC casing was placed in the hole and a bentonite seal was placed around the hole to protect from surface runoff and the borehole remained open overnight. The following morning, September 19, 2007, groundwater was measured at approximately 4.95 ft bgs and a groundwater was collected through the temporary PVC casing using a disposable bailer. The groundwater sample was decanted into 40 milliliter volatile organic analysis vials (VOAs) preserved with hydrochloric acid (HCl), placed on ice, and submitted to the laboratory under chain of custody. Finally, the boring was backfilled Portland cement. The boring log including soil lithology and PID readings is presented in Appendix D.

Grab Groundwater Sample Analysis: Grab groundwater sample B-15 was submitted to McCampbell Analytical (McCampbell) of Pittsburg, California for analysis by EPA Method 8015C/8021B for

TPHg and BTEX and by EPA Method 8260B for MTBE. McCampbell is a California state certified lab. A copy of the analytical report is included in Appendix F.

Site Survey: On September 26, 2007, Virgil Chavez Land Surveying (Chavez) of Vallejo, California, surveyed the latitude, longitude, and elevations of soil gas borings SG-1 through SG-3 and soil boring B-15. Chavez also surveyed the latitude and longitude of a storm sewer catch basin located on the adjacent property (Figure 2). The benchmark for this survey was a brass disk stamped "Corps of Engrs. US Army" marked "A-1955" located in the sidewalk, on the northwesterly corner of the San Mateo Ave. Bridge over Colma Creek. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83). Benchmark Elevation = 11.11 feet (NGVD 29). The survey report is presented in Appendix G.

Geotracker: All required data has been uploaded to the California State Water Resources Control Board's Geotracker Database as required by Title 23, Division 3, Chapter 30, Articles 1 and 2, Sections 3890-3895 of the California Code of Regulations.

Soil Disposal: Soil cuttings and waste water generated during drilling activities were drummed pending disposal by Clean Harbors to their disposal facility in San Jose, California.

6.0 FINDINGS

Soil Gas

Elevated levels of petroleum hydrocarbon vapor concentrations were detected approximately 1 foot beneath the surface at all three soil gas sampling locations. Benzene soil gas concentrations ranged from 3,300 to 360,000 ug/m^3 with the highest concentration detected in sample SG-1 located 25 feet west of the dispensers, near well MW-1. TPHg and benzene soil gas concentrations were compared to the RWQCB's environmental screening levels (ESLs). Soil gas concentrations were significantly above both the residential and commercial ESLs so no further human health risk assessment modeling was conducted.

Groundwater

No TPHg or BTEX compounds and only a very low MTBE concentration (0.89 µg/L) were detected in grab groundwater sample B-15, collected beside the onsite storm sewer conduit.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this investigation and our understanding of site conditions, CRA offers the following conclusions

- Based on the elevated soil gas results, site conditions do not meet regulatory closure criteria. Without a deed restriction and/or remediation, site closure does not appear to be warranted at this time. CRA recommends that a feasibility study be conducted to determine the most cost effective way to reduce the vapor concentrations at this shallow groundwater site.

- The lack of dissolved-phase hydrocarbon concentrations in sample B-15 indicate that the onsite storm sewer conduit is likely not acting as a preferential pathway for contaminant migration. The hydrocarbon plume appears to be relatively stable and limited to onsite.

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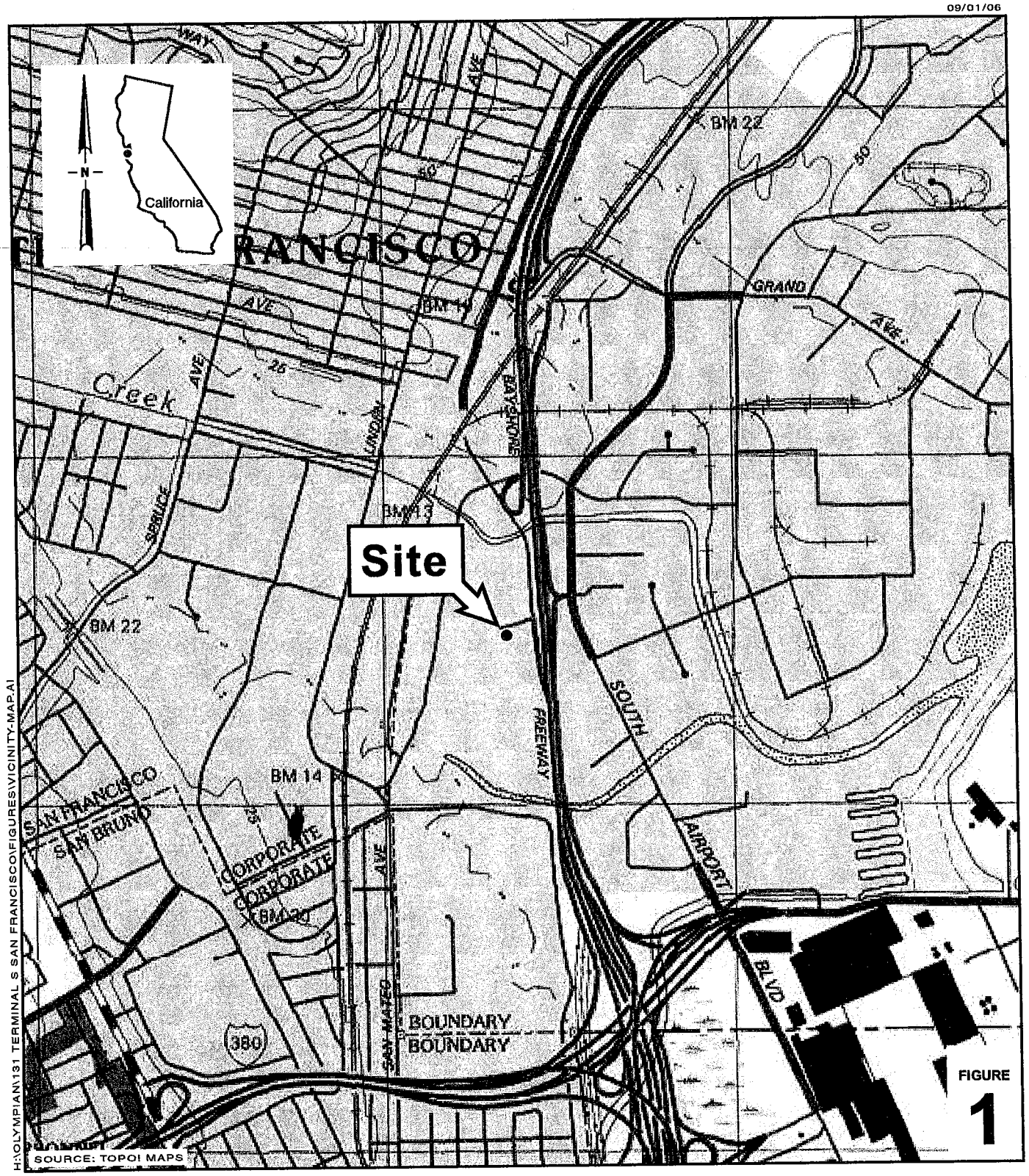
& ASSOCIATES

FIGURES

09/01/06



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0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

Olympian Cardlock Facility

131 Terminal Court

South San Francisco, California

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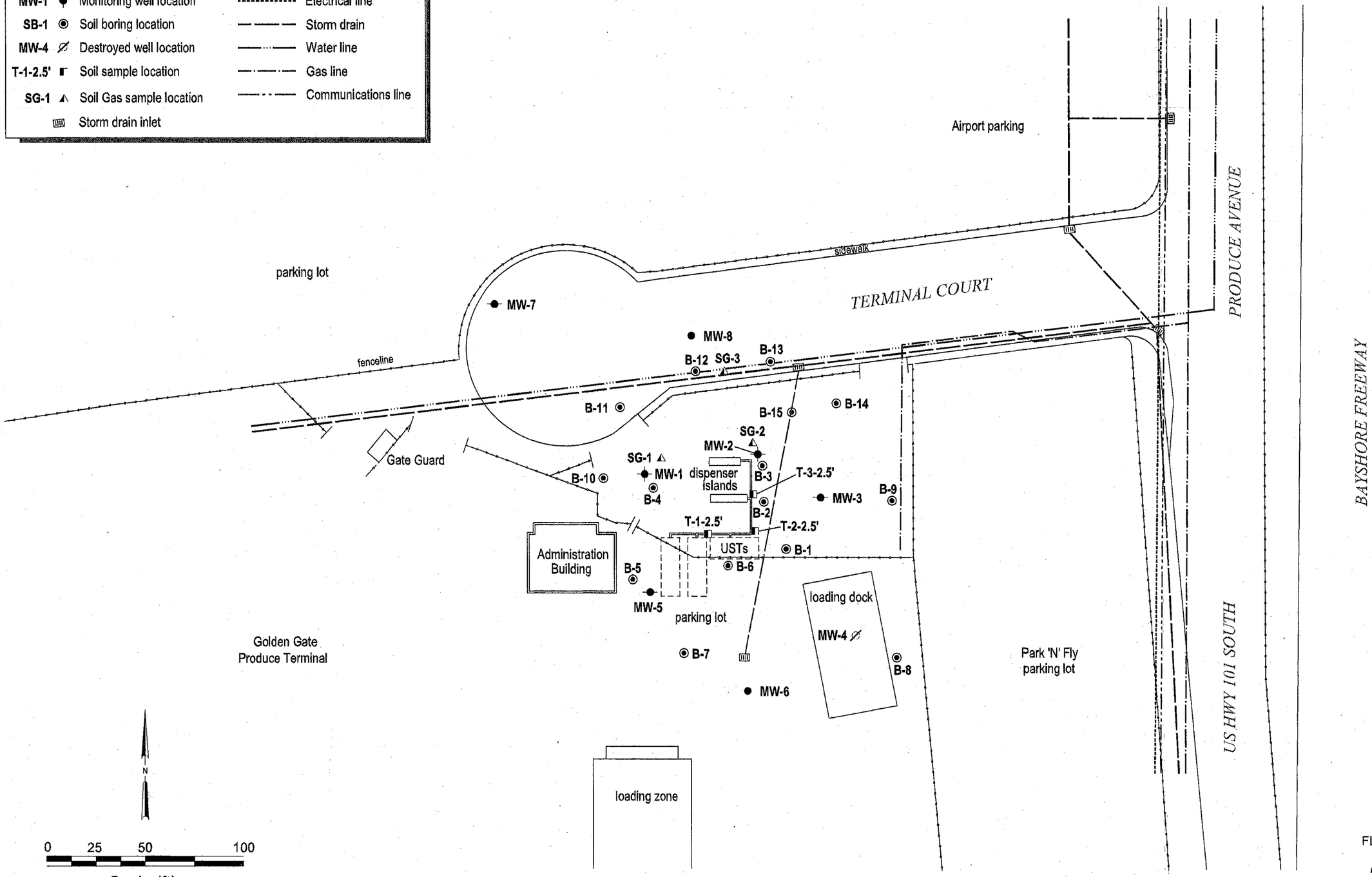
Site Vicinity Map

10/15/07

Site Plan

EXPLANATION

MW-1	Monitoring well location		Electrical line
SB-1	Soil boring location		Storm drain
MW-4	Destroyed well location		Water line
T-1-2.5'	Soil sample location		Gas line
SG-1	Soil Gas sample location		Communications line
	Storm drain inlet		



Basemap modified from drawing provided by TEC Accutite

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CRA

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Olympian Cardlock Facility
131 Terminal Court
South San Francisco, California

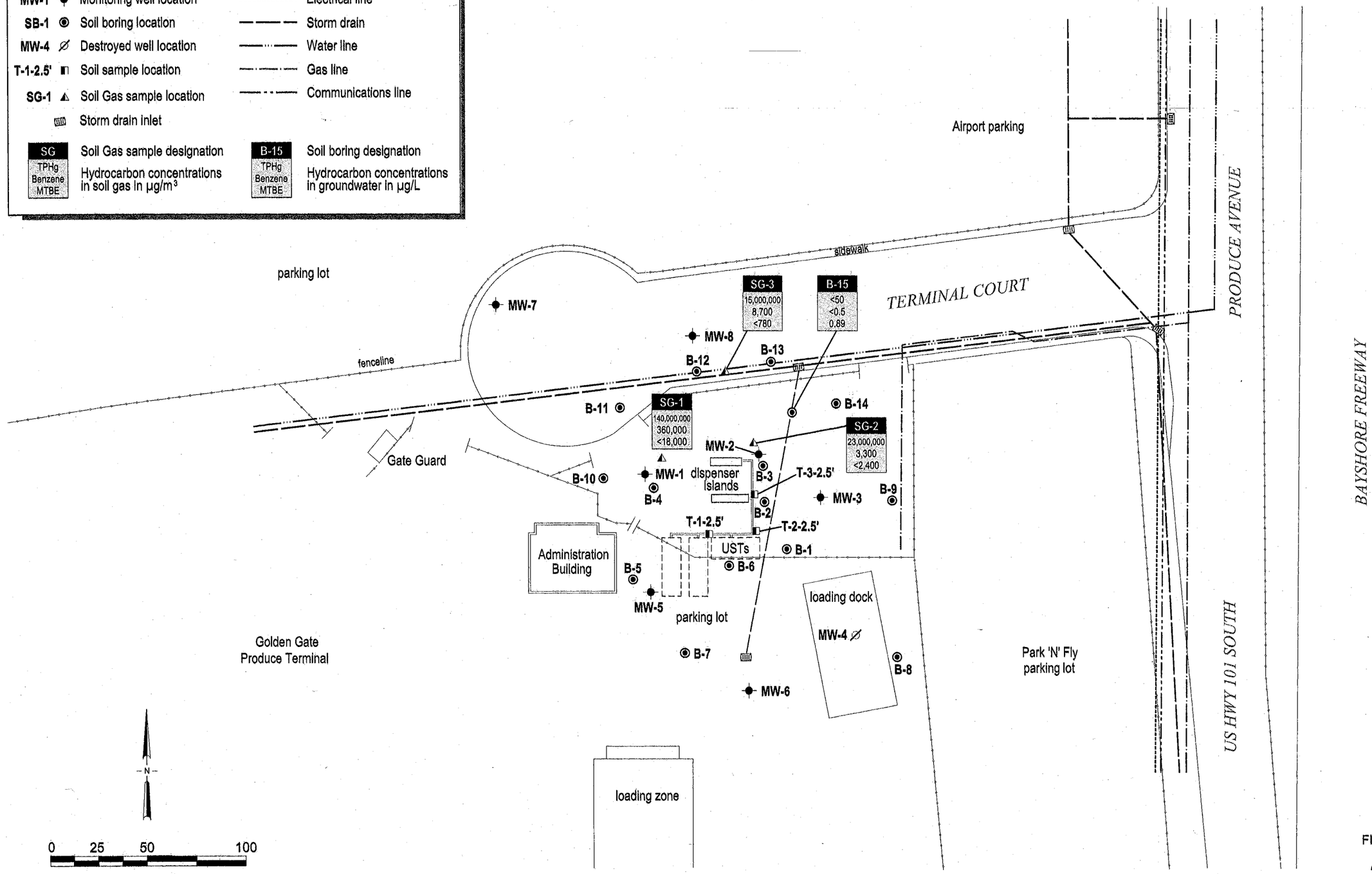
FIGURE
2

10/30/07

EXPLANATION

MW-1	Monitoring well location		Electrical line
SB-1	Soil boring location		Storm drain
MW-4	Destroyed well location		Water line
T-1-2.5'	Soil sample location		Gas line
SG-1	Soil Gas sample location		Communications line
	Storm drain inlet		

SG TPHg Benzene MTBE	Soil Gas sample designation Hydrocarbon concentrations in soil gas in µg/m³	B-15 TPHg Benzene MTBE	Soil boring designation Hydrocarbon concentrations in groundwater in µg/L



Basemap modified from drawing provided by TEC Accutite

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Sampling Results Map

September 18-19, 2007

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Olympian Cardlock Facility

131 Terminal Court

South San Francisco, California

FIGURE

3

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TABLES

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Table 1. Soil Analytical Data - Olympian Cardlock Facility, 131 Terminal Court, South San Francisco, California

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			←			mg/kg			→
1998 Product Line Trench Sampling									
T-1	10/1998	2.5	7,600	2,400	--	--	--	--	9.0
T-2	10/1998	2.5	--	--	1.0	--	--	--	--
T-3	10/1998	2.5	--	--	--	--	--	--	--
2000 Subsurface Investigation									
B-1	10/12/1999	4	<1.0	<0.5	0.006	<0.005	<0.005	<0.010	0.18
B-2	10/12/1999	4	280	6.1	0.015	<0.005	0.085	0.29	0.009
B-3	10/12/1999	4	15 a	16	0.063	0.069	0.40	1.8	0.021
B-4	10/12/1999	4	1.0 a	1.6	<0.005	<0.005	0.013	0.049	<0.005
B-5	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	0.015	0.011
B-6	10/12/1999	4	<1.0	<0.5	0.023	0.010	0.007	0.026	0.84 b
B-7	10/12/1999	4	<1.0	<0.5	0.008	0.008	<0.005	0.011	<0.005
B-8	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005
B-9	10/12/1999	4	<1.0	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005
B-10	3/17/2000	4.5	<1.0	0.79	<0.005	0.012	0.009	0.056	<0.005
B-10	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.022	<0.005
B-11	3/17/2000	4.5	<1.0	0.67	0.085	0.037	0.019	0.046	<0.005
B-11	3/17/2000	9	270	780	0.79	19.00	12	65	<0.005
B-12	3/17/2000	4.5	<1.0	1.5	<0.005	0.017	0.012	0.055	0.071
B-12	3/17/2000	9	<1.0	<0.5	<0.005	<0.005	<0.005	0.016	<0.005
B-13	3/17/2000	3.5	<1.0	0.78	<0.005	<0.005	<0.005	0.02	<0.005
B-13	3/17/2000	7.5	<1.0	0.5	<0.005	<0.005	<0.005	<0.01	<0.005
B-14	3/17/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
B-14	3/17/2000	9.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005

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Table 1. Soil Analytical Data - Olympian Cardlock Facility, 131 Terminal Court, South San Francisco, California

Sample ID	Date Sampled	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
			←			mg/kg			→
MW-1	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-2	3/23/2000	4.5	<1.0	3	0.43	0.40	0.095	0.51	<0.005
MW-3	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-4	3/23/2000	4.5	9.6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-5	3/23/2000	4.5	<1.0	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
2001 Monitoring Well Installation									
MW-6	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-7	7/2/2001	4	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005
MW-8	7/2/2001	3.5	<1.00	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005

Notes:
all soil data obtained by previous consultant
TPHg = Total petroleum hydrocarbons as gasoline (EPA Method 8015)
TPHd = Total petroleum hydrocarbons as diesel (EPA Method 8015)
BTEX = Benzene, Toluene, Ethylbenzene, Xylenes (EPA Method 8020)
MTBE = Methyl-tert-butyl ether (EPA Method 8020)
a = Hydrocarbon response in the diesel range but does not resemble diesel
b = MTBE confirmed by EPA Method 8260
<X = Concentration less than laboratory reporting limits
fbg = Feet below grade
-- = Not applicable

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Table 2. Groundwater Elevation and Analytical Data - Olympian Cardlock Facility, 131 Terminal Court, South San Francisco, California

Sample ID *TOC*	Date Sampled	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	ETBE	TAME	DIPE	1,2-DCA	EDB	EtOH
				← ug/L →													
Grab Groundwater																	
B-15	**9/19/2007**	**4.95****	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.89**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Monitoring Wells																	
MW-1	4/6/2000	2.19	6.70	260	1,400	350	18	12	110	5	--	--	--	--	--	--	--
6.39	7/28/2000	2.55	6.34	1,000	10,000	1,300	1,900	240	1,700	<0.5	ND	--	--	--	--	--	--
	11/2/2000	2.11	6.78	510 #	11,000	1,200	1,800	230	1,600	<0.5	--	--	--	--	--	--	--
	3/7/2001	1.47	7.42	2 #	17,000	4,000	230	830	1,500	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.52	2.87	1,200 #	7,500	1,300	750	310	810	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	2.23	4.16	--	7,480	2,990	82.5	470	901	3*	108	--	--	--	--	--	--
	7/19/2002	2.55	3.84	--	5,060	1,070	172	2.8	733	3	104	--	--	--	--	--	--
	2/7/2003	2.17	4.22	--	8,260	3,020	43.3	493	448	10	326	--	--	--	--	--	--
	9/17/2003	2.85	3.54	--	7,020	1,250	241	112	1,250	<5	--	--	--	--	--	--	--
	12/23/2003	0.90	5.49	--	6,250	1,140	30.2	127	980	2.2	ND	--	--	--	--	--	--
	3/16/2004	1.84	4.55	--	2,000	408	2.6	30	101	<0.5*	ND	--	--	--	--	--	--
	6/29/2004	2.53	3.86	--	3,200	523	212	85.6	483	3.1*	ND	--	--	--	--	--	--
	7/22/2004	2.48	3.91	--	3,800	440	290	52	440	<5.0	--	--	--	--	--	--	--
	12/9/2004	0.38	6.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.00	5.39	--	520 #	120	1.4	1.3	25	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.06	3.33	--	7,200 #	920	110	110	1,400	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.72	3.67	460 #	7,200 #	960	280	130	750	3.2	--	--	--	--	--	--	--
	3/14/2007	1.88	4.51	400 #	2,600 #	620	<1.7	2.1	33	<17	--	--	--	--	--	--	--
	9/19/2007	2.96	3.43	560 #	4,000 #	560	35	14	640	<50	--	--	--	--	--	--	--
	3/14/2008	**1.72**	**4.67**	**590 #**	**2,300 #**	**640**	**5.9**	**<5.0**	**40**	**<50**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-2	4/6/2000	3.39	5.37	110	170	4	2	1	21	8	--	--	--	--	--	--	--
6.26	7/28/2000	3.53	5.23	400	860	150	22	11	100	3*	ND	--	--	--	--	--	--
	11/2/2000	4.03	4.73	240 #	940	160	39	25	95	1	--	--	--	--	--	--	--
	3/7/2001	5.16	3.60	0.10 #	570	86	7	14	33	<0.5	ND	--	--	--	--	--	--
	7/13/2001	4.08	2.18	170	320	60	5	6	20	<0.5*	ND	--	--	--	--	--	--
	1/23/2002	3.51	2.75	--	483	120	19.3	12.5	56.1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.87	3.39	--	391 #	<0.5	<0.5	<0.5	<1	6.1*	67	--	--	--	--	--	--
	2/7/2003	2.77	3.49	--	482	43.1	1.7	9	60.2	8	ND	--	--	--	--	--	--
	9/17/2003	2.98	3.28	--	689	87.9	1.7	13.7	85.2	8.3*	87	--	--	--	--	--	--
	12/23/2003	2.68	3.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.54	3.72	--	763	97.5	1.3	9.9	72.9	14.3*	50	--	--	--	--	--	--
	6/29/2004	2.70	3.56	--	829	104	2.8	19.1	105	23.1*	77	--	--	--	--	--	--
	7/22/2004	2.63	3.63	--	590	55	3.2	13	65	15	--	--	--	--	--	--	--
	12/9/2004	3.42	2.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.40	3.86	--	450 #	82	1.4	12	47	17*	54	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.42	2.84	--	610 #	87	1.4	15	64	17	--	--	--	--	--	--	--
	8/24/2006	3.20	3.06	670 #	930 #	91	1.8	16	130	82*	--	--	--	--	--	--	--
	3/14/2007	3.25	3.01	480 #	1,100 #	120	1.3	20	99	70	--	--	--	--	--	--	--
	9/19/2007	3.84	2.42	710 #	660 #	55	2.8	10	63	42	--	--	--	--	--	--	--
	3/14/2008	**3.60**	**2.66**	**420 #**	**950 #**	**110**	**<5.0**	**15**	**82**	**90**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-3	4/6/2000	2.95	6.15	<50	690	1	6	5	32	4	--	--	--	--	--	--	--
6.58	7/28/2000	3.27	5.83	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.24	5.86	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	3/7/2001	2.13	6.97	<50	<50	0.8	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--

Table 2. Groundwater Elevation and Analytical Data - Olympian Cardlock Facility, 131 Terminal Court, South San Francisco, California

Sample ID	Date	Depth to Water	Groundwater Elevation	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	ETBE	TAME	DIPE	1,2-DCA	EDB	EtOH
TOC	Sampled	(ft btoc)	(ft amsl)	←				ug/L									→
MW-3	7/13/2001	3.25	3.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cont.	1/23/2002	3.02	3.56	--	59	0.6	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.16	3.42	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.90	3.68	--	<50	1.1	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.38	4.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.60	3.98	--	67	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	6/29/2004	3.12	3.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	3.09	3.49	--	<50	<0.5	0.56	<0.5	1.4	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.95	3.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.08	4.50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5*	12	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.35	3.23	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	3.09	3.49	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5*	--	--	--	--	--	--	--
	3/14/2007	2.74	3.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	3.34	3.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	**2.90**	**3.68**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	4/6/2000	3.03	6.21	<50	110	52	35	4	22	3	--	--	--	--	--	--	--
	7/28/2000	3.35	5.89	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	3.27	5.97	<50	<50	<0.5	<0.5	<0.5	<1	2	--	--	--	--	--	--	--
	3/7/2001	2.61	6.63	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	3.37	3.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	3.19	3.56	<50	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	3.31	3.44	--	<50	<0.5	<0.5	<0.5	<1	4.5*	ND	--	--	--	--	--	--
	2/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/6/2000	2.68	6.24	<50	<50	8	1	0.6	1	19*	--	--	--	--	--	--	--
6.41	7/28/2000	2.93	5.99	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	11/2/2000	2.91	6.01	<50	<50	<0.5	<0.5	<0.5	<1	6*	--	--	--	--	--	--	--
	3/7/2001	2.40	6.52	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	ND	--	--	--	--	--	--
	7/13/2001	2.94	3.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2002	2.77	3.64	--	<50	0.9	0.6	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.89	3.52	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.65	3.76	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.48	3.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.75	3.66	--	<50	<0.5	<0.5	<0.5	<1	6.8*	ND	--	--	--	--	--	--
	6/29/2004	2.92	3.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.66	4.75	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.82	3.59		--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.84	3.57		<50	<0.5	<0.5	<0.5	<0.5	2.6*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.12	3.29	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.96	3.45	<50	<50	<0.5	<0.5	<0.5	<0.5	0.61*	--	--	--	--	--	--	--
	3/14/2007	2.81	3.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.98	3.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	**2.78**	**3.63**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/13/2001	2.85	3.37	<50	<50	<0.5	<0.5	<0.5	<1	10*	ND	--	--	--	--	--	--
6.22	1/23/2002	2.70	3.52	--	<50	<0.5	<0.5	<0.5	<1	23*	ND	--	--	--	--	--	--
	7/19/2002	2.76	3.46	--	<50	<0.5	<0.5	<0.5	<1	7*	ND	--	--	--	--	--	--

Table 2. Groundwater Elevation and Analytical Data - Olympian Cardlock Facility, 131 Terminal Court, South San Francisco, California

Sample ID	Date	Depth to Water	Groundwater Elevation	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	ETBE	TAME	DIPE	1,2-DCA	EDB	EtOH
TOC	Sampled	(ft btoc)	(ft amsl)	←				ug/L									→
MW-6	2/7/2003	2.57	3.65	--	<50	<0.5	<0.5	<0.5	<1	14	ND	--	--	--	--	--	--
cont.	9/17/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/23/2003	2.25	3.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	2.35	3.87	--	<50	<0.5	<0.5	<0.5	<1	7.4*	ND	--	--	--	--	--	--
	6/29/2004	2.75	3.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.66	4.56	--	<50	<0.5	1.9	0.59	4.3	8.7	--	--	--	--	--	--	--
	12/9/2004	2.39	3.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	2.09	4.13	--	<50	<0.5	<0.5	<0.5	<0.5	20*	13	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	2.95	3.27	--	<50	<0.5	<0.5	<0.5	<0.5	8.1	--	--	--	--	--	--	--
	8/24/2006	2.65	3.57	54 #	<50	<0.5	<0.5	<0.5	<0.5	3.2	--	--	--	--	--	--	--
	3/14/2007	2.48	3.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.79	3.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	**2.55**	**3.67**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/13/2001	2.65	3.48	80	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
5.47	1/23/2002	1.74	3.73	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	1.75	3.72	--	98	6.3	2.8	1.7	6.8	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	1.62	3.85	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	1.91	3.56	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	12/23/2003	0.70	4.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	1.33	4.14	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	6/29/2004	1.60	3.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	1.67	3.8	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	12/9/2004	0.83	4.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.08	4.39	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9.29/05	2.31	3.16	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.14	3.33	150 #	<50	<0.5	<0.5	<0.5	<0.5	0.54	--	--	--	--	--	--	--
	3/14/2007	1.97	3.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2007	2.34	3.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2008	**1.96**	**3.51**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	7/13/2001	1.99	2.29	700	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
4.94	1/23/2002	2.31	2.63	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	7/19/2002	2.36	2.58	--	<50	<0.5	<0.5	<0.5	<1	<0.5*	ND	--	--	--	--	--	--
	2/7/2003	2.27	2.67	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	9/17/2003	2.52	2.42	--	<50	<0.5	<0.5	<0.5	<1	<0.5	--	--	--	--	--	--	--
	12/23/2003	1.30	3.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	1.95	2.99	--	<50	<0.5	<0.5	<0.5	<1	3.2*	ND	--	--	--	--	--	--
	6/29/2004	2.24	2.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/22/2004	2.29	2.65	--	<50	<0.5	1.7	0.51	3.7	<5.0	--	--	--	--	--	--	--
	12/9/2004	2.29	2.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/2005	1.81	3.13	--	<50	<0.5	<0.5	<0.5	<0.5	1.7*	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/29/2005	3.01	1.93	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	8/24/2006	2.80	2.14	<50	<50	<0.5	<0.5	<0.5	<0.5	2.4*	--	--	--	--	--	--	--
	3/14/2007	2.66	2.28	74 #	<50 #	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	9/19/2007	3.01	1.93	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/14/2008	**2.68**	**2.26**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	--	--	--	--	--	--	--

Table 2. Groundwater Elevation and Analytical Data - Olympian Cardlock Facility, 131 Terminal Court, South San Francisco, California

Sample ID	Date	Depth to Water	Groundwater Elevation	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	ETBE	TAME	DIPE	1,2-DCA	EDB	EtOH
TOC	Sampled	(ft btoc)	(ft amsl)	←				ug/L									→

Notes:

TOC = Elevation of the top of casing in feet relative to mean sea level

TOC elevation survey completed in July 2001 by Virgil Chavez Land Surveying

ft btoc = measured in feet below top of casing

ft amsl = measured in feet above sea level

TPHd = Total petroleum hydrocarbons as diesel by EPA modified Method SW8015C

TPHg = Total petroleum hydrocarbons as gasoline by EPA modified Method SW8015C

Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method SW8021B

MTBE = Methyl-tert-butyl ether (MTBE) (EPA Method 8020 or 8021B)

TBA = tert-Butyl Alcohol (EPA Method 8260)

µg/L = Micrograms per liter

ND = compound not detected above laboratory reporting limits

<X = Concentration less than laboratory reporting limits

-- = Not analyzed / not applicable / not available

* = MTBE confirmed by EPA Method 8260

** = Depth to groundwater measured from ground surface

= See laboratory report for notes and/or a description of chromatogram pattern

Note: Total Dissolved Solids (TDS) analyzed for MW-3 on 7/13/01 showed concentration of 19,524 ppm.

CONESTOGA-ROVERS & ASSOCIATES

Table 3. Soil Gas Analytical Data - 131 Terminal Court, South San Francisco, CA

Sample ID	Date Sampled	Sample Depth (ft bgs)	TPHg	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	MTBE	2-Propanol	O^2	CO^2	Methane
			←			$\mu g/m^3$				→	←	%	→
SG-1	09/18/07	1-1.5	140,000,000	360,000	<19,000	<22,000	<22,000	<22,000	<18,000	<50,000	2.3	51	4.8
SG-1 (DUP)	09/18/07	1-1.5	160,000,000	410,000	11,000	<10,000	14,000	<10,000	<8,700	<24,000	2.2	50	4.8
SG-2	09/18/07	1-1.5	23,000,000	3,300	<2,500	<2,900	<2,900	<2,900	<2,400	<6,500	2.3	16	12
SG-3	09/18/07	1-1.5	15,000,000	8,700	<810	<940	1,100	<940	<780	<2,100	1.2	55	5.6

Abbreviations:

ft bgs= feet below ground surface

$\mu g/m^3$ = micrograms per cubic meter

<X or ND: Not detected above laboratory detection limit.

See Analytical Laboratory report for notes

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method TO-3

Benzene, toluene, ethylbenzene, and total xylenex by modified EPA Method TO-15

MTBE = Methyl Tertiary Butyl Ether by modified EPA Method TO-15

O^2 = Oxygen by ASTM Method D-1946

CO^2 = Carbon dioxide by ASTM Method D-1946

Methane by ASTM Method D-1946

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX A

Correspondence

HEALTH DEPARTMENT

February 22 2007

FEB 26 2007

SMCo Site# 550158
APN 015-113-210

Fred Bertetta Jr.
c/o Janet Heikel
Olympian Oil Company
1300 Industrial Road, Suite 2
San Carlos, CA 94070

SUBJECT: OLYMPIAN FUELING FACILITY AT 131 TERMINAL COURT SOUTH SAN FRANCISCO, CALIFORNIA

Dear Mr. Bertetta:

Thank you for the October 15, 2006 *Quarterly Monitoring Report - Third Quarter 2006* report and the January 31, 2007 letter prepared by Cambria for the above referenced site. San Mateo County Health Department Groundwater Protection Program (GPP) had witnessed the startup of dual-phase extraction at the site on December 6, 2005; however, it appears no information is available from the registered professionals in charge at that time regarding this remediation event. The letter's proposal to submit a soil vapor sampling work plan and the proposed groundwater monitoring schedule are accepted as presented. This work plan would appear to more appropriately satisfy a previous request included in GPP's October 7, 2004 letter to develop remediation goals for the site. The work plan should also include a full description and justification of the default values, site-specific values, and assumptions used in the model.

The September 19, 2005 letter proposed active remediation targets (ARTs) of non detect for all constituents of concern. GPP staff accepted these ARTs of non detect without any dilution or elevated reporting limits for all of the constituents of concern. GPP staff also noted that these ARTs may be well below reasonably justified clean up goals which would allow GPP staff to close the site prior to reaching non detect and therefore the State of California UST Cleanup Fund may not be willing to pay for the additional cleanup of the site between the reasonably justified clean up goals to the ARTs. Please submit the work plan by **May 31, 2007**. Please also refer to previous GPP letter's regarding the voluntary aspect of commercial deed restrictions.

As always, you may submit requested items at any time prior to the due date in order to expedite the progress of the overall site investigation and potential remediation. If there has been a change in the responsible party contact information for this site or you wish to receive future correspondence from GPP staff electronically, then please send GPP staff a letter or email officially notifying GPP staff of the new contact information. I appreciate your cooperation. Should you have any questions, please call me at (650) 363-4565.

Sincerely,

Charles Ice
Hazardous Materials Specialist
Groundwater Protection Program

cc: Ron Scheele, Cambria, 5900 Hollis Street, Suite A, Emeryville, CA 94608
Dan Koch, Nella Oil Company, 999 Bayhill Drive, Suite 135, San Bruno, CA 94066
Golden Gate Produce Terminal Ltd., 131 Terminal Ct., South San Francisco, CA 94080
Nalini Rajender Frush, 4115 Blackhawk Plaza Circle, Suite 100, Danville, CA 94508
Sunil Ramdass, SWRCB, UST Cleanup Fund, PO Box 944212, Sacramento, CA 94244

CAMBRIA

January 31, 2007

FILE COPY

Mr. Charles Ice
San Mateo County Health Department
Public Health and Environmental Protection Division
455 County Center
Redwood City, California 94063

Re: **Site Status Letter**
Olympian Oil Station
131 Terminal Court
South San Francisco, California
SMCo Site# 55014
Cambria Project # 165-1558

Mr. Ice:

On behalf of Olympian JV, Cambria Environmental Technology, Inc. (Cambria) proposes the following activities to address the concerns of San Mateo County Health Department (SMCHD) and to position the site for future agency closure. These proposed activities are based on a recent meeting between SMCHD and Cambria.

To determine if the remaining impacted soil and groundwater poses a threat to human health, shallow soil vapor samples will be collected and the results modeled using Johnson and Ettinger's Subsurface Vapor Intrusion model. Modeling results will determine if the site should proceed to closure (possibly with a commercial deed restriction), or whether interim remediation is required. Upon receipt of agency concurrence, Cambria will prepare a workplan detailing the assessment activities.

Cambria also proposes that select wells at the site be sampled on a semi-annual basis. Wells MW-1, MW-2, and MW-8 will be analyzed for TPHd/TPHg/BTEX/MTBE by EPA method 8015/8021B. Water levels will be monitored in all wells.

We look forward to working with you on this project. Please call me at (510) 420-3327 if you would like to further discuss these proposed activities.

Sincerely,
Cambria Environmental Technology, Inc.

Ron Scheele, PG
Senior Geologist

cc: Ms. Janet Heikel, Olympian JV, 1300 Industrial Road, Suite 2, San Carlos, California 94070
Ms. Nalini Frush, 4115 Blackhawk Plaza Circle Suite 100, Danville, California 94505

H:\Olympian\131 Terminal Ct, So San Francisco\Correspondence\Status update letter - Jan 2007.doc

Cambria Environmental Technology, Inc.

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX B

Standard Operating Procedures and Soil Gas Sampling Guidelines

Conestoga-Rovers & Associates

STANDARD FIELD PROCEDURES FOR HAND-AUGER SOIL BORINGS

This document describes Conestoga-Rovers & Associates' standard field methods for drilling and sampling soil borings using a hand-auger. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor odor or staining, estimate ground water depth and quality and to submit samples for chemical analysis.

Soil Classification/Logging

All soil samples are classified according to the Unified Soil Classification System by a trained geologist or engineer working under the supervision of a California Registered Geologist (RG) or a Certified Engineering Geologist (CEG). The following soil properties are noted for each soil sample:

- Principal and secondary grain size category (i.e. sand, silt, clay or gravel)
- Approximate percentage of each grain size category,
- Color,
- Approximate water or product saturation percentage,
- Observed odor and/or discoloration,
- Other significant observations (i.e. cementation, presence of marker horizons, mineralogy), and
- Estimated permeability.

Soil Boring and Sampling

Hand-auger borings are typically drilled using a hand-held bucket auger to remove soil to the desired sampling depth. Samples are collected using lined split-barrel or equivalent samplers driven into undisturbed sediments beyond the bottom of the augered hole. The vertical location of each soil sample is determined using a tape measure. All sample depths use the ground surface immediately adjacent to the boring as a datum. The horizontal location of each boring is measured in the field from an onsite permanent reference using a measuring wheel or tape measure.

Augering and sampling equipment is steam-cleaned prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

Sample Storage, Handling and Transport

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

Field Screening

One of the remaining tubes is partially emptied leaving about one-third of the soil in the tube. The tube is capped with plastic end caps and set aside to allow hydrocarbons to volatilize from the soil. After ten to fifteen minutes, a portable photoionization detector (PID) measures volatile hydrocarbon vapor concentrations in the tube headspace, extracting the vapor through a slit in the cap. PID measurements are used along with the field observations, odors, stratigraphy and ground water depth to select soil samples for analysis.

Water Sampling

Water samples, if they are collected from the boring, are collected from the open borehole using bailers. The ground water samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory.

Duplicates and Blanks

Blind duplicate water samples are collected usually collected only for monitoring well sampling programs, at a rate of one blind sample for every 10 wells sampled. Laboratory-supplied trip blanks accompany samples collected for all sampling programs to check for cross-contamination caused by sample handling and transport. These trip blanks are analyzed if the internal laboratory QA/QC blanks contain the suspected field contaminants. An equipment blank may also be analyzed if non-dedicated sampling equipment is used.

Grouting

The borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

Waste Handling and Disposal

Soil cuttings from drilling activities are usually stockpiled onsite on top of and covered by plastic sheeting. At least four individual soil samples are collected from the stockpiles for later compositing at the analytic laboratory. The composite sample is analyzed for the same constituents analyzed in the borehole samples. Soil cuttings are transported by licensed waste haulers and disposed in secure, licensed facilities based on the composite analytic results.

Ground water removed during sampling and/or rinsate generated during decontamination procedures are stored onsite in sealed 55-gallon drums. Each drum is labeled with the drum number, date of generation, suspected contents, generator identification and consultant contact. Disposal of the water is based on the analytic results for the well samples. The water is either pumped out using a vacuum truck for transport to a licensed waste treatment/disposal facility or the individual drums are picked up and transported to the waste facility where the drum contents are removed and appropriately disposed.

10/3/07

I:\IR\- MGT IR Group Info\SOPs\Hand Auger Borings.doc

USING A GEOPROBE TO COLLECT SUBSURFACE VAPOR SAMPLES FOR HUMAN HEALTH RISK EVALUATION

- Do not mobilize to sample subsurface vapor if measurable precipitation or site irrigation near the sampling location has occurred within the previous 5 days;
- Drill continuous cores as necessary to identify permeable strata (target vapor sampling locations) then backfill the borings with Portland cement (previous assessment may have provided this data);
- Connect a PRT adaptor to approximately 10 to 15 feet of tubing (assuming the total depth of the boring will be approximately 5 feet below grade), install a vapor tight valve on the other end of the tubing, close the vapor tight valve, and seat the PRT adaptor into the bottom of the lead drill rod;
- Hydraulically push the Geoprobe rod to the target vapor sampling depth then raise the drill rod approximately 6 inches[1];
- Place hydrated bentonite around the drill rod to inhibit surface air migration down the outer portion of the drill rod (do not simply add water to a pile of bentonite chips or pellets placed around the drill rod);
- Connect a tee fitting to the top of each purge and sample Summa canister and install a pressure gauge on the top of this fitting;
- Connect 1 to 2 feet of tubing to the tee fitting on each purge and sample canister (the consultant may opt to install an optional valve on the downhole side of the tee connected to the purge canister);
- Connect the free ends of each of the above tubes to a separate (third) tee fitting;
- Connect a 100 to 200 milliliter/minute flow regulator to the downhole side of the third tee fitting and connect the laboratory supplied particulate filter to the downhole side of the regulator (if required);
- Connect the vapor-tight valve in Bullet #3 to the downhole side of the filter (or regulator if the filter was built-in to the regulator);
- Vacuum test the connections between the summa canisters and valve on the downhole side of the regulator for 10 minutes by opening and closing the purge canister valve to place a test vacuum on the assembly (terminate further work if gauge vacuum can not be maintained for 10 minutes);

- If gauge vacuum was maintained for 10 minutes and it has been at least 30 minutes since the drill rod was sealed at the surface with bentonite, then open the purge canister valve and the valve on the downhole side of the regulator to begin purging ambient air from the sampling apparatus and borehole (record the time purging commenced);

- Close the purge canister valve when three volumes of air have been purged from the sample apparatus and borehole (the consultant must know how to calculate the appropriate purge volume prior to mobilization - the adequacy of purging must be based on the inches of pressure drop on the purge canister gauge and not time);

- Open the sample canister valve to begin sample collection (record the time sample collection begins);

- Drop a few pieces of isopropyl alcohol (leak test compound) moistened gauze down the inside of the drill rod and on the downhole side of the valve on the borehole side of the regulator (tinfoil is useful to hold the gauze in place – be careful not to pour isopropyl alcohol directly on the tubing and sample apparatus connections);

- Remoisten the gauze with isopropyl alcohol every 5 minutes[2];

- Close the sample canister valve when the sample canister gauge indicates approximately 5 inches Hg of vacuum remain in the canister (this should take approximately 25 minutes for a 6L Summa canister connected to a 200 milliliters/minute flow regulator);

- Record the time sample collection was stopped and replace the tee fitting on the sample canister with the laboratory supplied brass plug;

- Label the sample and record on the chain of custody the sample name, final vacuum, and the canister and flow controller serial numbers;

- Store the sample in a container that blocks sunlight and do not subject the sample to significant changes in pressure and temperature (avoid airline shipping of sample containers);

- Remove the drilling rod and sampling apparatus and backfill the borehole with Portland cement mixed at 6 gallons of water per 94-pound bag of cement.

FOOTNOTES:

1 - Hard drilling conditions may shear off the PRT fitting during drilling. In these conditions you must install the PRT fitting/valve assembly after reaching the target drilling depth, but before lifting the drilling rod 6 inches.

2 – Isopropyl alcohol moistened gauze must be added to all fitting connections if the reduction in sample canister gauge vacuum indicates sample collection will exceed one hour.

GENERAL NOTES:

Assemble and leak check the sampling apparatus prior to mobilizing to the field. County staff may ask the consultant to reschedule the work if the in-field vacuum leak test fails and cannot be rectified in a timely manner.

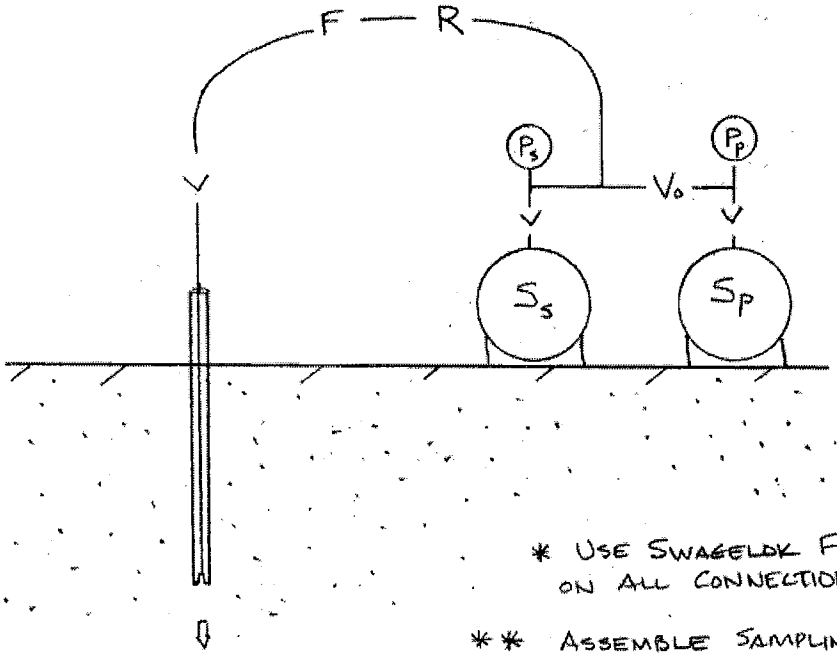
Use Swagelok® type fittings or equivalent for all connections. Wear a new pair of gloves when you assemble the sampling apparatus to limit potential cross-contamination.

Collect at least one duplicate sample from the area of expected impact. Do not chill the samples (discard if condensation observed in the sample tubing). Use EPA Method TO-14A or TO-15 for BTEX/MTBE and EPA TO-3 for TPH-gas (TO-3 can give high reporting limits for BTEX and MTBE due to matrix interference and TO-14A has less QA/QC for TPH-gas).

Additionally, analyze the samples for O_2, CO_2, methane, and isopropyl alcohol. The reporting limit for O_2, CO_2, and methane must be less or equal to the concentrations of these gases in the atmosphere. The reporting limit for isopropyl alcohol must be $\leq$ 100 ug/m3 (0.1 ug/L). Ensure the laboratory reporting limits for the chemicals of concern are below Regional Water Quality Control Board Environmental Screening Levels or previously approved site specific risk levels. Analyze Summa canister samples within 14 days of collection.

SCHEMATIC OF SUBSURFACE VAPOR SAMPLING SET-UP

V = VALVE
V_o = OPTIONAL VALVE
P = PRESSURE GAUGE
S_s = SAMPLE SUMMA CANISTER
S_p = PURGE SUMMA CANISTER
R = FLOW REGULATOR
F = FILTER



* USE SWAGELOK FITTINGS ON ALL CONNECTIONS

** ASSEMBLE SAMPLING APPARATUS AND LEAK TEST PRIOR TO MOBILIZING TO FIELD

6.3.04

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX C

Permits

PAGE 02/04
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ORDINANCE: 03101

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 07- 1725

P/E: 2010 MONITORING WELLS/BORINGS - INSTALLATION

FACILITY:
131 TERMINAL COURT, S SAN FRANCISCO

OWNER:
OLYMPIAN JV
1300 INDUSTRIAL RD, STE 2
SAN CARLOS

WP0006484
015113210
AMOUNT PAID: 480.00

CONTRACTOR:
VIRONEX

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS
VAPOR MONITORING
CONSULTANT: CRA
(RON SCHEELE)

PARESH KHATRI
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 9/18/2007

EXPIRATION DATE: 12/18/2007

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

ENGINEERING DIVISION

315 MAPLE AVENUE, SOUTH SAN FRANCISCO, CA 94080

FOR INSPECTIONS CALL (650) 877-8554

ENCROACHMENT PERMIT

(PLEASE PRINT OR TYPE)

KEEP PERMIT AT WORK SITE

CALL FOR INSPECTION

NAME OF APPLICANT	REPRESENTING	LOCATION OF WORK
Conestoga-Rovers Associates (CRA)	☐ OWNER ☒ CONTRACTOR	131 Terminal Court, South San Francisco

NAME OF PROPERTY OWNER	ADDRESS	CITY, STATE, ZIP	TELEPHONE
Olympian JV	1300 Industrial Road, Ste 2	San Carlos, CA 94070	650-596-8950

NAME OF CONTRACTOR	ADDRESS	CITY, STATE, ZIP	TELEPHONE
CRA	5900 Hollis Street, Ste A	Emeryville CA 94608	510-420-0700

CA. CONTR. LICENSE #	SSF BUSINESS LICENSE #	U.S.A. # *(NOT VALID W/O #)*	ESTIMATED START DATE	EST. COMPLETE DATE
740582		0262354	August 13, 2007	September 30, 2007

EST. CONSTRUCTION COST: $ 582.00
(ESTIMATE WORK IN CITY R/W ONLY. DO NOT INCLUDE VALUE OF UTILITY)

DIMENSIONS OF EXCAVATION:
(ATTACH COPY OF CAL/OSHA PERMIT IF DEPTH IS 5 FEET OR MORE)

DESCRIPTION OF WORK *(ATTACH MAP AND PLANS AND/OR REFERENCE APPLICABLE CITY STANDARD PLAN DRAWINGS)*
Drill one boring in the shoulder or sidewalk at Terminal Court - South side. The exact location of boring (street or sidewalk) will be determined based on location of underground utilities. Purpose of boring is soil gas sampling.

GENERAL CONDITIONS

1. Construction shall have the approval of the City Engineer and shall conform to the latest City of South San Francisco Standard Plan Drawings.
2. Cuts in streets shall be neat and straight and sidewalks shall be saw cut.
3. Excavations 5 feet deep or more and shoring shall conform to CAL/OSHA requirements.
4. Excavations shall be covered at the end of each working day as directed by the City Construction Inspector.
5. Barricades and flashing lights shall be on the site before cutting streets and sidewalks.
6. Provisions for two-way traffic shall be maintained at all times. Conform to Caltrans construction safety standards.
7. Backfill shall be imported material of a type specified by the Construction Inspector with 95% relative compaction.
8. New pavement shall be of the same material and thickness as the pavement removed but shall have not less than 6 inches of aggregate base and 3 inches of asphalt concrete surface. Do not use concrete backfill unless approved.
9. Deposit will be refunded upon proper installation of facilities, compaction of backfill, and replacement of pavement to the satisfaction of the Construction Inspector. Please call 877-8554 for a final inspection. Refund of deposit will automatically be processed upon receiving a satisfactory final inspection. Please allow a few weeks for processing.
10. City Construction Inspector shall be notified at least **24 hours** before beginning work.
11. Applicant shall hold the City of South San Francisco and its employees, agents and representatives harmless and assume all liability for claim or claims which may arise by or because of this permit; nor by issuance of this permit shall the City of South San Francisco and its employees, agents and representatives assume any obligation for future changes made by or because of design, construction, maintenance, or traffic.

SPECIAL CONDITIONS *(LEAVE BLANK FOR USE BY CITY STAFF)*
WORKING HRS 9-3 M-F ONLY

REFUND DEPOSIT TO: CRA

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS PERMIT AND THE ABOVE CONDITIONS, THAT THE INFORMATION GIVEN BY ME IS CORRECT, THAT I AM THE OWNER OR THE DULY AUTHORIZED AGENT OF THE OWNER, AND THAT I AGREE TO COMPLY WITH THE ABOVE CONDITIONS AND ALL APPLICABLE PROVISIONS OF STATE LAWS, CITY ORDINANCES, AND THE RULES OF ANY GOVERNMENTAL AGENCY INVOLVED.

SIGNATURE OF APPLICANT *(OWNER OR AUTHORIZED AGENT)* | **TITLE** | **DATE**

DO NOT WRITE BELOW THIS LINE – FOR USE BY CITY STAFF

APPROVED BY CITY ENGINEER BY:	DATE ISSUED 7/30/07	PERMIT EXPIRES 1/30/08	INSPECTION FEE $ *(RETAINED BY CITY)* 100 —
U.S.A. NO. ☒ PROVIDED ABOVE ☐ TO BE PROVIDED (PERMIT NOT VALID UNTIL RECEIVED ☐ NOT REQUIRED (EMERGENCY WORK ONLY) ☐ NOT APPLICABLE		DATE U.S.A. #RECEIVED	DEPOSIT $ *(REFUNDABLE)* 150 —
			TOTAL DUE CITY $ 250 — ☒ *PAID* ☐ *INVOICE*
APPROVED BY P. W. INSPECTOR BY:	DATE	ENGINEER'S ESTIMATE	RECEIPT NO. DATE

UNDERGROUND SERVICE ALERT
1-800-227-2600

PERMIT NO. E07-0116

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX D

Soil Boring Log

Connestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Olympian JV	**BORING NAME**	SG-1
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	18-Sep-07
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	18-Sep-07
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex, C57# 705927	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVAL**	NA
LOGGED BY	G. Reiss	**DEPTH TO WATER (First Encountered)**	Dry upon completion ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID	TPHg (mg/Kg)	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGY DESCRIPTION	CONTACT DEPTH (ft bgs)	BACKFILL DIAGRAM
							ASPHALT: 4 inches thick.	0.3	
							No soil observations. Direct push for soil gas sampling. Boring advanced to 1.5 feet bgs and pulled back to 1 foot bgs exposing the zone 1 to 1.5 ft bgs for soil gas sampling.	1.5	Bottom of Boring @ 1.5 ft bgs

WELL LOG (PID) I:\IR\OLYMPIAN\131TER~1\BORING~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 11/8/07

Connestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Olympian JV	**BORING NAME**	SG-2
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	18-Sep-07
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	18-Sep-07
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex, C57# 705927	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVAL**	NA
LOGGED BY	G. Reiss	**DEPTH TO WATER (First Encountered)**	Dry upon completion
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID	TPHg (mg/Kg)	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGY DESCRIPTION	CONTACT DEPTH (ft bgs)	BACKFILL DIAGRAM
							ASPHALT: 4 inches thick.	0.3	
							No soil observations. Direct push for soil gas sampling. Boring advanced to 1.5 feet bgs and pulled back to 1 foot bgs exposing the zone 1 to 1.5 ft bgs for soil gas sampling.	1.5	Bottom of Boring @ 1.5 ft bgs

WELL LOG (PID) I:\IR\OLYMPIAN\131TER~1\BORING~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 11/8/07

Connestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Olympian JV	**BORING NAME**	SG-3
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	18-Sep-07
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	18-Sep-07
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex, C57# 705927	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 inches.	**SCREENED INTERVAL**	NA
LOGGED BY	G. Reiss	**DEPTH TO WATER (First Encountered)**	Dry upon completion
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID	TPHg (mg/Kg)	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGY DESCRIPTION	CONTACT DEPTH (ft bgs)	BACKFILL DIAGRAM
							ASPHALT: 4 inches thick.	0.3	
							No soil observations. Direct push for soil gas sampling. Boring advanced to 1.5 feet bgs and pulled back to 1 foot bgs exposing the zone 1 to 1.5 ft bgs for soil gas sampling.	1.5	Bottom of Boring @ 1.5 ft bgs

WELL LOG (PID) I:\IR\OLYMPIAN\131TER~1\BORING~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 11/8/07

Connestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Olympian JV	**BORING NAME**	B-15
JOB/SITE NAME	OLY - 131 Terminal Court, SSF	**DRILLING STARTED**	18-Sep-07
LOCATION	131 Terminal Court, South San Francisco	**DRILLING COMPLETED**	19-Sep-07
PROJECT NUMBER	161558	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex, C57# 705927	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3.25 inches	**SCREENED INTERVAL**	NA
LOGGED BY	G. Reiss	**DEPTH TO WATER (First Encountered)**	Dry upon completion ▽
REVIEWED BY	R. Scheele, PG# 6842	**DEPTH TO WATER (Static)**	4.95 ft bgs (19-Sep-07) ▼

REMARKS Grab groundwater sample collected using temporary pvc casing and disposable bailer on 9/19/07. Boring grouted on 9/19/07.

PID	TPHg (mg/Kg)	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGY DESCRIPTION	CONTACT DEPTH (ft bgs)	BACKFILL DIAGRAM
							ASPHALT: 4 inches thick.	0.3	
							FILL: Sandy GRAVEL with silt:Grey; dense; dry; 10% silt, 30% sand, 60% angular gravel up to 3 inches in diameter; non-plastic; high estimated permeability.	1.5	
0					ML		**Clayey SAND**: Orange/yellowish brown; medium dense; moist; 45% clay, 55% fine to coarse grained sand; low plasticity; moderate estimated permeability.	3.0	◄ Portland Type I/II
0					SM		**Silty SAND**: Orange/yellowish brown; medium dense; moist; 30% silt, 70% fine to medium grained sand; non-plastic; high estimated permeability.	4.5	
0				5	ML		**Clayey SILT with fine sand**:Gray; medium dense; damp; 20% clay, 70% silt, 10% fine grained sand; low plasticity; moderate estimated permeability. ▼	6.0	Bottom of Boring @ 6 ft bgs

WELL LOG (PID) I:\IR\OLYMPIAN\131TER~1\BORING~1\GINT LOGS - 131 TERMINAL CT DUP.GPJ DEFAULT.GDT 11/8/07

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX E

Soil Gas Sampling Field Data

Daily Field Report

Vironex .com

Northern California

5292 Pacheco Blvd

Pacheco, CA 94553

(925)521-1490 office (925)521-1494 fax

1-800-VIRONEX

WWW.VIRONEX.COM

C57 - 705927

Client:

Project:

Location:

Date:

Crew:

Equipment:

Mob/Demob:

On Site Arrival Time:

Scheduled Start Time:

Lunch / Breaks:

Standby - Client:

Standby - Vironex:

Off Site Time:

Hours On-Site

Note standby time in "Variance in Scope of Work."

A work-day is 8 hours on-site, which includes tailgate, setup, breakdown, and waste handling, an overtime rate is applicable thereafter.

Vironex assumes that other parties will provide site access, drilling and well permits, utility location and clearance for drilling and sampling activities. VIRONEX ASSUMES NO RESPONSIBILITY FOR DAMAGE OF UNDERGROUND UTILITIES.

SAFETY IS PARAMOUNT

The undersigned accepts these terms for services rendered:

X _____ 4/13/07

Client Representative Signature: Date

X _____

Printed Name: E-Mail Address

Scope of Work Completed

Sample ID	Time	Depth	Sampling Intervals and Notes	Sample Type	Well Log / depth to water
SG 1	11:32	1.5	SET Rod and Tubing		ft
SG 1	11:35		SET canisters		ft
SG 1	11:54		LEAK TEST -9.0		ft
SG 1	12:04		PURGE -9.0		ft
SG 1	12:06		START Sampling -27.0		ft
SG 1	12:13		STOP sampling -5.0		ft
SG 1	12:15		START Sampling -27.0		ft
SG 1	12:21		STOP Sampling -5.0		ft
	12:25		Grout SG-1/SG-2		ft
SG 3	1:25	1.5	SET Rod & Tubing		ft
SG 3	1:28		SET Canisters		ft
SG 3	1:42		LEAK TEST		ft
SG 3	2:00		Change the Gauge		ft

Variance in Scope of Work and Site Notes

Support Equipment & Applicable Charges	Quantity
Bobcat	
Support Truck	
Fork Lift	
Vac-Trailer	
Soil Bin	
Steam Cleaner	
Generator	
Air Compressor	
HANNA (pH/EC/DDS/Temp)	
MircoTPI (NTU)	
Slope Indicator	
MIP / EC	
Trunk Line	
Membrane	
MIP Probe	
Heater Block	
Carbon Trap	
EC Probe	
EC Cable	
String Pot	
String Pot Cable	
Weekend / Night	
Additional Tech	

Consumable Materials

Soil, Soil Vapor & Water Sampling	Quantity
MC Liner 2 / 3 ft	
MC Liner 4 / 5 ft	
MC Caps (pair)	
MC Spacer/Catcher	
MC Other	
DW Liner 4 / 5 ft	
DW Caps (pair)	
DW Spacer	
DW Exp Point 3.25"	
DW Exp Cutting Shoe	
LB liner	
LB Caps (pair)	
Water Point 1.25" , 2"	
Vapor Point	
Tubing 3/8" (feet)	
Tubing 1/4" (feet)	
Tubing Silicon (feet)	
Concentric Tubing	
Teflon Bladder	
Tedlar Bag 1 ltr	
Disposable Bailer	
Bottom Check Valve	
MC Cutting Tool	
Coring	
Coring Trailer	
Hours	
Core 2",3",4",6",8",10"	
Core Depth (inches)	

Well and Piezometer	Quantity
PVC Screen - Sch 40	
3/4 -inch	
1-inch	
2-inch	
4-inch	
PVC Riser - Sch 40	
3/4 -inch	
1-inch or 1.25 inch	
2-inch	
4-inch	
PVC Cap - Slip / Threaded	
3/4 -inch	
1-inch or 1.25 inch	
2-inch	
4-inch	
PVC Locking Cap	
3/4 -inch	
1-inch or 1.25 inch	
2-inch	
4-inch	
Wood Plug 3", 4", 5"	
Centralizer 2", 4"	
Well Box-flush 7", 8", 12"	
Well Box-Stand Pipe 4", 6"	
Drum 55 Gallon	
Drum 10 Gallon	
Sand (all sizes)	
Mesh Sock (feet)	
Bentonite Chips/Granular	
Bentonite Time Released	
Shelby Tube 3" x 30"	

General	Quantity
Daily (glvs, liq. Etc)	
Teflon Tape (pair)	
Portland Cement 47lb	
Portland Cement 94lb	
Concrete (all types)	
Asphalt Patch	
Visqueen (feet)	
Bucket 5 Gallon w/lid	
Tyvek	
Pumps	
Monyo	
Rupe	
GS 1000 / 2000	
Trash Pump	
Air Diaphragm	
Peristaltic	
Hand Operated	
Mechanical Bladder Pump	
Quick Seal & Foam	
3/4-inch	
1-inch or 1.25 inch	
1.5-inch	
2-inch	
PrePack - Economy or Stainless Steel	
3/4-inch	
1-inch or 1.25 inch	
1.5-inch	
2-inch	

Purchase Order Number:

Project Number:

Vironex Proposal Number:

Headquarters Office: 3 Owls Nest Road, Wilmington, DE 19807 (302) 661-1400 (302) 661-1460 fax

Daily Field Report

Vironex .com

Northern California

5292 Pacheco Blvd

Pacheco, CA 94553

(925)521-1490 office (925)521-1494 fax

1-800-VIRONEX

WWW.VIRONEX.COM

C57 - 705927

Client: CLA

Project: 1343

Location: 181 TERMINAL Court S. San Francisco, CA

Date: 9-18-07

Crew: E.Z.

Equipment: SF-6 SV.

Mob/Demob: 2.0

On Site Arrival Time: 8:30

Scheduled Start Time: 7:30

Lunch / Breaks: 0

Standby - Client:

Standby - Vironex:

Off Site Time: 4:30

Hours On-Site 8.00

Note standby time in "Variance in Scope of Work."

A work-day is 8 hours on-site, which includes tailgate, setup, breakdown, and waste handling, an overtime rate is applicable thereafter.

Vironex assumes that other parties will provide site access, drilling and well permits, utility location and clearance for drilling and sampling activities. VIRONEX ASSUMES NO RESPONSIBILITY FOR DAMAGE OF UNDERGROUND UTILITIES.

SAFETY IS PARAMOUNT

The undersigned accepts these terms for services rendered:

X _____ 9/18/07
Client Representative Signature: Date

X Glen Ross
Printed Name: E-Mail Address

Scope of Work Completed

Sample ID	Time	Depth	Sampling Intervals and Notes	Sample Type	Well Log / depth to water
	8:30		H&Safety / SITE WALK		ft
	8:50		SET UP		ft
SG 2	9:14	1.5	SET rod and Tubing	SV	ft
SG 2	9:15		SET CANISTERS	SV	ft
SG 2	9:49		Leak TEST -30.0	SV	ft
SG 2	9:56		" " -25.0	SV	ft
SG 2	10:06		" " -20.0	SV	ft
SG 2	10:14		" " -17.0	SV	ft
SG 2	10:16		Change the manifold	SV	ft
SG 2	10:38		Leak TEST -11.0	SV	ft
SG 2	10:48		PURGE -5.5	SV	ft
SG 2	10:50		Sampling -30.0 START	SV	ft
SG 2	11:03		Sampling -5.0 STOP	SV	ft

Variance in Scope of Work and Site Notes

Purchase Order Number:

Project Number:

Vironex Proposal Number:

Headquarters Office: 3 Owls Nest Road, Wilmington, DE 19807 (302) 661-1400 (302) 661-1460 fax

Consumable Materials

Support Equipment & Applicable Charges	Quantity
Bobcat	
Support Truck	
Fork Lift	
Vac-Trailer	
Soil Bin	
Steam Cleaner	
Generator	
Air Compressor	
HANNA (pH/EC/DDS/Temp)	
MircoTPI (NTU)	
Slope Indicator	
MIP / EC	
Trunk Line	
Membrane	
MIP Probe	
Heater Block	
Carbon Trap	
EC Probe	
EC Cable	
String Pot	
String Pot Cable	
Weekend / Night	
Additional Tech	

Soil, Soil Vapor & Water Sampling	Quantity
MC Liner 2 / 3 ft	
MC Liner 4 / 5 ft	
MC Caps (pair)	
MC Spacer/Catcher	
MC Other	
DW Liner 4 / 5 ft	
DW Caps (pair)	
DW Spacer	
DW Exp Point 3.25"	
DW Exp Cutting Shoe	
LB liner	
LB Caps (pair)	
Water Point 1.25" , 2"	
Vapor Point	3
Tubing 3/8" (feet)	
Tubing 1/4" (feet)	9
Tubing Silicon (feet)	
Concentric Tubing	
Teflon Bladder	
Tedlar Bag 1 ltr	
Disposable Bailer	1
Bottom Check Valve	
MC Cutting Tool	
Coring	
Coring Trailer	
Hours	
Core 2",3",4",6",8",10"	
Core Depth (inches)	

Well and Piezometer	Quantity
PVC Screen - Sch 40	
3/4 -inch	1
1-inch	
2-inch	
4-inch	
PVC Riser - Sch 40	
3/4 -inch	
1-inch or 1.25 inch	
2-inch	
4-inch	
PVC Cap - Slip / Threaded	
3/4 -inch	
1-inch or 1.25 inch	
2-inch	
4-inch	
PVC Locking Cap	
3/4 -inch	
1-inch or 1.25 inch	
2-inch	
4-inch	
Wood Plug 3", 4", 5"	
Centralizer 2", 4"	
Well Box-flush 7", 8", 12"	
Well Box-Stand Pipe 4", 6"	
Drum 55 Gallon	
Drum 10 Gallon	
Sand (all sizes)	
Mesh Sock (feet)	
Bentonite Chips/Granular	
Bentonite Time Released	
Shelby Tube 3" x 30"	

General	Quantity
Daily (glvs, liq. Etc)	1
Teflon Tape (pair)	
Portland Cement 47lb	2
Portland Cement 94lb	
Concrete (all types)	
Asphalt Patch	
Visqueen (feet)	
Bucket 5 Gallon w/lid	
Tyvek	
Pumps	
Monyo	
Rupe	
GS 1000 / 2000	
Trash Pump	
Air Diaphragm	
Peristaltic	
Hand Operated	
Mechanical Bladder Pump	
Quick Seal & Foam	
3/4-inch	
1-inch or 1.25 inch	
1.5-inch	
2-inch	
PrePack - Economy or Stainless Steel	
3/4-inch	
1-inch or 1.25 inch	
1.5-inch	
2-inch	

Daily Field Report

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Northern California

5292 Pacheco Blvd

Pacheco, CA 94553

(925)521-1490 office (925)521-1494 fax

1-800-VIRONEX

WWW.VIRONEX.COM

C57 - 705927

Client:

Project:

Location:

Date:

Crew:

Equipment:

Mob/Demob:

On Site Arrival Time:

Scheduled Start Time:

Lunch / Breaks:

Standby - Client:

Standby - Vironex:

Off Site Time:

Hours On-Site

Note standby time in "Variance in Scope of Work."

A work-day is 8 hours on-site, which includes tailgate, setup, breakdown, and waste handling, an overtime rate is applicable thereafter.

Vironex assumes that other parties will provide site access, drilling and well permits, utility location and clearance for drilling and sampling activities. VIRONEX ASSUMES NO RESPONSIBILITY FOR DAMAGE OF UNDERGROUND UTILITIES.

SAFETY IS PARAMOUNT

The undersigned accepts these terms for services rendered:

Scope of Work Completed

Sample ID	Time	Depth	Sampling Intervals and Notes	Sample Type	Well Log / depth to water
SG3	2:22		LEAK TEST 28.4	SV	ft
SG3	2:32		PURGE 27.4	SV	ft
SG3	2:33		START Sampling 28.0	SV	ft
SG3	2:42		STOP Sampling-5.0	SV	ft
SG3			Grout		ft
BS	3:07		Break ASPHALT		ft
	3:12	6'	Hand Clear		ft
	3:56		SET P.V.C.		ft
					ft
					ft
					ft
					ft
					ft
					ft

Consumable Materials

Support Equipment & Applicable Charges	Quantity
Bobcat	
Support Truck	
Fork Lift	
Vac-Trailer	
Soil Bin	
Steam Cleaner	
Generator	
Air Compressor	
HANNA (pH/EC/DDS/Temp)	
MircoTPI (NTU)	
Slope Indicator	
MIP / EC	
Trunk Line	
Membrane	
MIP Probe	
Heater Block	
Carbon Trap	
EC Probe	
EC Cable	
String Pot	
String Pot Cable	
Weekend / Night	
Additional Tech	

Soil, Soil Vapor & Water Sampling	Quantity
MC Liner 2 / 3 ft	
MC Liner 4 / 5 ft	
MC Caps (pair)	
MC Spacer/Catcher	
MC Other	
DW Liner 4 / 5 ft	
DW Caps (pair)	
DW Spacer	
DW Exp Point 3.25"	
DW Exp Cutting Shoe	
LB liner	
LB Caps (pair)	
Water Point 1.25" , 2"	
Vapor Point	
Tubing 3/8" (feet)	
Tubing 1/4" (feet)	
Tubing Silicon (feet)	
Concentric Tubing	
Teflon Bladder	
Tedlar Bag 1 ltr	
Disposable Bailer	
Bottom Check Valve	
MC Cutting Tool	
Coring	
Coring Trailer	
Hours	
Core 2",3",4",6",8",10"	
Core Depth (inches)	

Well and Piezometer	Quantity
PVC Screen - Sch 40	
3/4 -inch	
1-inch	
2-inch	
4-inch	
PVC Riser - Sch 40	
3/4 -inch	
1-inch or 1.25 inch	
2-inch	
4-inch	
PVC Cap - Slip / Threaded	
3/4 -inch	
1-inch or 1.25 inch	
2-inch	
4-inch	
PVC Locking Cap	
3/4 -inch	
1-inch or 1.25 inch	
2-inch	
4-inch	
Wood Plug 3", 4", 5"	
Centralizer 2", 4"	
Well Box-flush 7", 8", 12"	
Well Box-Stand Pipe 4", 6"	
Drum 55 Gallon	
Drum 10 Gallon	
Sand (all sizes)	
Mesh Sock (feet)	
Bentonite Chips/Granular	
Bentonite Time Released	
Shelby Tube 3" x 30"	

General	Quantity
Daily (glvs, liq. Etc)	
Teflon Tape (pair)	
Portland Cement 47lb	
Portland Cement 94lb	
Concrete (all types)	
Asphalt Patch	
Visqueen (feet)	
Bucket 5 Gallon w/lid	
Tyvek	
Pumps	
Monyo	
Rupe	
GS 1000 / 2000	
Trash Pump	
Air Diaphragm	
Peristaltic	
Hand Operated	
Mechanical Bladder Pump	
Quick Seal & Foam	
3/4-inch	
1-inch or 1.25 inch	
1.5-inch	
2-inch	
PrePack - Economy or Stainless Steel	
3/4-inch	
1-inch or 1.25 inch	
1.5-inch	
2-inch	

Variance in Scope of Work and Site Notes

Client Representative Signature: _____ Date: 9/18/07

Printed Name: Glenn Reis

E-Mail Address

Purchase Order Number:

Project Number:

Vironex Proposal Number:

Headquarters Office: 3 Owls Nest Road, Wilmington, DE 19807 (302) 661-1400 (302) 661-1460 fax

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX F

Laboratory Analytical Reports

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-1

Lab ID#: 0709431BR1-02A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6092511	Date of Collection:	9/18/07
Dil. Factor:	5060	Date of Analysis:	9/25/07 03:26 PM

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	130	33000	520000	140000000

Q = Exceeds Quality Control limits, possibly due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	194 Q	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-2

Lab ID#: 0709431BR1-01A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6092510	Date of Collection:	9/18/07
Dil. Factor:	2590	Date of Analysis:	9/25/07 02:42 PM

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	65	5600	260000	23000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	119	75-150

Summary of Detected Compounds
MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: SG-2

Lab ID#: 0709431BR1-01A

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	65	5600	260000	23000000

Client Sample ID: SG-1

Lab ID#: 0709431BR1-02A

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	130	33000	520000	140000000

Client Sample ID: SG-1 (DUP)

Lab ID#: 0709431BR1-03A

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	120	38000	490000	160000000

Client Sample ID: SG-1 (DUP) Lab Duplicate

Lab ID#: 0709431BR1-03AA

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	120	38000	490000	160000000

Client Sample ID: SG-3

Lab ID#: 0709431BR1-04A

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	72	3700	290000	15000000

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

LABORATORY NARRATIVE
Modified TO-3
Conestoga-Rovers Associates (CRA)
Workorder# 0709431BR1

Four 1 Liter Summa Canister samples were received on September 20, 2007. The laboratory performed analysis for volatile organic compounds in air via modified EPA Method TO-3 using gas chromatography with flame ionization detection. The method involves concentrating up to 200 mL of sample. The concentrated aliquot is then dry purged to remove water vapor prior to entering the chromatographic system. The TPH (Gasoline Range) results are calculated using the response factor of Gasoline. A molecular weight of 100 is used to convert the TPH (Gasoline Range) ppmv result to ug/m3. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	*TO-3*	*ATL Modifications*
Daily Calibration Standard Frequency	Prior to sample analysis and every 4 - 6 hrs	Prior to sample analysis and after the analytical batch </= 20 samples
Initial Calibration Calculation	4-point calibration using a linear regression model	5-point calibration using average Response Factor
Initial Calibration Frequency	Weekly	When daily calibration standard recovery is outside 75 - 125 %, or upon significant changes to procedure or instrumentation
Moisture Control	Nafion system	Sorbent system
Minimum Detection Limit (MDL)	Calculated using the equation DL = A+3.3S, where A is intercept of calibration line and S is the standard deviation of at least 3 reps of low level standard	40 CFR Pt. 136 App. B
Preparation of Standards	Levels achieved through dilution of gas mixture	Levels achieved through loading various volumes of the gas mixture

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The recovery of surrogate Fluorobenzene in samples SG-1, SG-1 (DUP) and SG-1 (DUP) Lab Duplicate was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

THE WORKORDER WAS REISSUED ON OCTOBER 8, 2007 TO REPORT RESULTS IN UG/M3.

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0709431BR1

Work Order Summary

CLIENT:	Ms. Christina McClelland Conestoga-Rovers Associates (CRA) 5900 Hollis Street Suite A Emeryville, CA 94608	**BILL TO:**	Ms. Christina McClelland Conestoga-Rovers Associates (CRA) 5900 Hollis Street Suite A Emeryville, CA 94608
PHONE:	510-420-3309	**P.O. #**	
FAX:	510-420-9170	**PROJECT #**	161558-111 OLY-131 Terminal Ct.
DATE RECEIVED:	09/20/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/03/2007		
DATE REISSUED:	10/08/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SG-2	Modified TO-3	4.0 "Hg
02A	SG-1	Modified TO-3	6.0 "Hg
03A	SG-1 (DUP)	Modified TO-3	5.0 "Hg
03AA	SG-1 (DUP) Lab Duplicate	Modified TO-3	5.0 "Hg
04A	SG-3	Modified TO-3	2.0 "Hg
05A	Lab Blank	Modified TO-3	NA
06A	LCS	Modified TO-3	NA

CERTIFIED BY: Linda D. Fremar DATE: 10/08/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-1 (DUP)

Lab ID#: 0709431BR1-03A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6092513	Date of Collection:	9/18/07
Dil. Factor:	4840	Date of Analysis:	9/25/07 04:26 PM

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	120	38000	490000	160000000

Q = Exceeds Quality Control limits, due to matrix effects. Matrix effects confirmed by re-analysis.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	222 Q	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-2

Lab ID#: 0709431A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1092816	Date of Collection:	9/18/07
Dil. Factor:	1330	Date of Analysis:	9/28/07 07:00 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Propanol	2700	Not Detected	6500	Not Detected
Methyl tert-butyl ether	660	Not Detected	2400	Not Detected
Benzene	660	1000	2100	3300
Toluene	660	Not Detected	2500	Not Detected
Ethyl Benzene	660	Not Detected	2900	Not Detected
m,p-Xylene	660	Not Detected	2900	Not Detected
o-Xylene	660	Not Detected	2900	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	121	70-130
4-Bromofluorobenzene	93	70-130

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SG-2

Lab ID#: 0709431A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	660	1000	2100	3300

Client Sample ID: SG-1

Lab ID#: 0709431A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	5000	110000	16000	360000

Client Sample ID: SG-1 (DUP)

Lab ID#: 0709431A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	2400	130000	7700	410000
Toluene	2400	2900	9100	11000
m,p-Xylene	2400	3300	10000	14000

Client Sample ID: SG-3

Lab ID#: 0709431A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	220	2700	690	8700
m,p-Xylene	220	250	940	1100

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

LABORATORY NARRATIVE
Modified TO-15
Conestoga-Rovers Associates (CRA)
Workorder# 0709431A

LUMEN DATA VALIDATED

Four 1 Liter Summa Canister samples were received on September 20, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample SG-2, SG-1, SG-1 (DUP) and SG-3 due to the presence of high level non-target species.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample SG-1 (DUP) and SG-3 was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0709431A

Work Order Summary

CLIENT:	Ms. Christina McClelland Conestoga-Rovers Associates (CRA) 5900 Hollis Street Suite A Emeryville, CA 94608	**BILL TO:**	Ms. Christina McClelland Conestoga-Rovers Associates (CRA) 5900 Hollis Street Suite A Emeryville, CA 94608
PHONE:	510-420-3309	**P.O. #**	
FAX:	510-420-9170	**PROJECT #**	161558-111 OLY-131 Terminal Ct.
DATE RECEIVED:	09/20/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/01/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SG-2	Modified TO-15	4.0 "Hg
02A	SG-1	Modified TO-15	6.0 "Hg
03A	SG-1 (DUP)	Modified TO-15	5.0 "Hg
04A	SG-3	Modified TO-15	2.0 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda A. Furman DATE: 10/03/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709431BR1-06A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6092527	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 9/26/07 08:42 AM	

Compound	%Recovery
TPH (Gasoline Range)	89

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	101	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709431BR1-05A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6092503	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 9/25/07 10:55 AM	

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	0.025	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	86	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-3

Lab ID#: 0709431BR1-04A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6092512	Date of Collection:	9/18/07
Dil. Factor:	2880	Date of Analysis:	9/25/07 03:59 PM

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	72	3700	290000	15000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	111	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-1 (DUP) Lab Duplicate

Lab ID#: 0709431BR1-03AA

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6092514	Date of Collection:	9/18/07
Dil. Factor:	4840	Date of Analysis:	9/25/07 04:56 PM

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	120	38000	490000	160000000

Q = Exceeds Quality Control limits, due to matrix effects. Matrix effects confirmed by re-analysis.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	212 Q	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-1

Lab ID#: 0709431A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1092817	Date of Collection:	9/18/07
Dil. Factor:	10100	Date of Analysis:	9/28/07 07:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Propanol	20000	Not Detected	50000	Not Detected
Methyl tert-butyl ether	5000	Not Detected	18000	Not Detected
Benzene	5000	110000	16000	360000
Toluene	5000	Not Detected	19000	Not Detected
Ethyl Benzene	5000	Not Detected	22000	Not Detected
m,p-Xylene	5000	Not Detected	22000	Not Detected
o-Xylene	5000	Not Detected	22000	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	94	70-130

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #161558-111; OLY-Terminal Ct	Date Sampled: 09/19/07
		Date Received: 09/19/07
	Client Contact: Ron Scheele	Date Extracted 09/22/07
	Client P.O.:	Date Analyzed 09/22/07

Methyl tert-Butyl Ether*

Extraction method: SW5030B Analytical methods: SW8260B Work Order: 0709438

Lab ID	Client ID	Matrix	Methyl-t-butyl ether (MTBE)	DF	% SS
001A	B-15	W	0.89	1	104

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	0.5	µg/L
	S	NA	NA

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0709438 **ClientID: CETE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Ron Scheele
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: rscheele@CRAworld.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: 161558-111; OLY-Terminal Ct
PO:

Bill t
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received 09/19/2007
Date Printed: 09/24/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0709438-001	B-15	Water	09/19/07 6:45:00	☐	A											

Test Legend:

1 MTBE_W	2	3	4	5
6	7	8	9	10
11	12			

Prepared by: Nickole White

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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PITTSBURG, CA 94565-1701
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Telephone: (877) 252-9262 Fax: (925) 252-9269

0709438

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: CRA – Ron Scheele	Bill To: CRA
Company: Conestoga-Rovers & Associates (CRA)	
5900 Hollis Street, Ste A, Emeryville, CA 94608	
E-Mail: rscheele@craworld.com	CC: greiss@craworld.com
Tele: 510-420-3360	Fax: (510) 420-9170
Project #: 161558-111	Project Name: OLY – Terminal Ct
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other	Analysis Request: MTBE by EPA 8260B	Other	Comments
B-15	B-15	9/19/07	6:45	4	VOA	X					X	X			X		

Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	9/19/07	15:00	Secure Location
Relinquished By:	Date:	Time:	Received By:
	9/20/07	5:20	
Relinquished By:	Date:	Time:	Received By:
	9/20/07	9:55	

ICE/t° 9.5°
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB ✓

COMMENTS:

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

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Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #161558-111; OLY-Terminal Ct	Date Sampled: 09/19/07
		Date Received: 09/19/07
	Client Contact: Ron Scheele	Date Reported: 09/26/07
	Client P.O.:	Date Completed: 09/26/07

WorkOrder: 0709438

September 26, 2007

Dear Ron:

Enclosed are:

1). the results of **1** analyzed sample from your **#161558-111; OLY-Terminal Ct project,**

2). a QC report for the above sample

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0709438

EPA Method SW8021B/8015Cm	Extraction SW5030B				BatchID: 30910			Spiked Sample ID: 0709645-001A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	101	119	16.1	99.5	100	0.663	70 - 130	30	70 - 130	30
MTBE	ND	10	102	108	5.73	104	111	6.21	70 - 130	30	70 - 130	30
Benzene	ND	10	94.2	90.7	3.81	94.3	95.1	0.803	70 - 130	30	70 - 130	30
Toluene	ND	10	86.6	92.8	7.01	104	105	1.24	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	95.6	91	4.93	102	103	0.709	70 - 130	30	70 - 130	30
Xylenes	ND	30	91.7	86.3	5.99	113	113	0	70 - 130	30	70 - 130	30
%SS:	93	10	100	107	6.33	97	96	1.14	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 30910 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0709438-001A	09/19/07 6:45 AM	09/30/07	09/30/07 4:51 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #161558-111; OLY-Terminal Ct	Date Sampled: 09/19/07
5900 Hollis St, Suite A		Date Received: 09/19/07
Emeryville, CA 94608	Client Contact: Ron Scheele	Date Extracted: 09/30/07
	Client P.O.:	Date Analyzed 09/30/07

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0709438

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-15	W	ND	---	ND	ND	ND	ND	1	89

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 070943 A **ClientID: CETE**

☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Ron Scheele
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: rscheele@CRAworld.com
TEL: (510) 420-334 FAX: (510) 420-917
ProjectNo: #161558-111; OLY-Terminal Ct
PO:

Bill t
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TA 5 days
Date Receive 09/19/2007
Date Add-On: 09/27/2007
Date Printed: 09/27/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0709438-001	B-15	Water	09/19/07 6:45:00	☐	A											

Test Legend:

1 G-MBTEX_W	2	3	4	5
6	7	8	9	10
11	12			

Prepared by: Nickole White

Comments: TPHg/Btex (8015/8021) added 9/27/07 5d per fax

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCAMPBELL ANALYTICAL, INC.

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PITTSBURG, CA 94565-1701
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Telephone: (877) 252-9262 Fax: (925) 252-9269

0709438

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: CRA – Ron Scheele	Bill To: CRA
Company: Conestoga-Rovers & Associates (CRA)	
5900 Hollis Street, Ste A, Emeryville, CA 94608	
E-Mail: rscheele@craworld.com	CC: greiss@craworld.com
Tele: 510-420-3360	Fax: (510) 420-9170
Project #: 161558-111	Project Name: OLY – Terminal Ct
Project Location: 131 Terminal Court, South San Francisco, CA	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other	Analysis Request: MTBE by EPA 8260B	TPHg/BTEX by 8015/8021	Other	Comments
B-15	B-15	9/19/07	6:45	4	VOA	X					X	X			X	X		

Analysis Request: 8260 9thdr

Comments: Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	9/19/07	15:00	Secure Location
Relinquished By:	Date:	Time:	Received By:
	9/20/07	830	
Relinquished By:	Date:	Time:	Received By:
	9/20/07	1100	

ICE/T° 9.5°C ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS:

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

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Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #161558-111; OLY-Terminal Ct	Date Sampled: 09/19/07
		Date Received: 09/19/07
	Client Contact: Ron Scheele	Date Reported: 09/26/07
	Client P.O.:	Date Completed: 10/02/07

WorkOrder: 0709438

October 02, 2007

Dear Ron:

Enclosed are:

1). the results of **1** analyzed sample from your **#161558-111; OLY-Terminal Ct project,**

2). a QC report for the above sample

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709431C-06A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3092528**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/07 03:33 PM**	

Compound	%Recovery
Oxygen	112
Methane	113
Carbon Dioxide	108

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709431C-05A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	3092502	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 9/25/07 12:45 AM	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-3

Lab ID#: 0709431C-04A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3092524**	**Date of Collection:**	**9/18/07**
Dil. Factor:	**2.16**	**Date of Analysis:**	**9/25/07 01:32 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	4.8
Methane	0.00022	22
Carbon Dioxide	0.022	12

Container Type: 1 Liter Summa Canister

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-1 (DUP)

Lab ID#: 0709431C-03A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	3092523	Date of Collection:	9/18/07
Dil. Factor:	2.42	Date of Analysis:	9/25/07 01:12 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	1.2
Methane	0.00024	55
Carbon Dioxide	0.024	5.6

Container Type: 1 Liter Summa Canister

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-1 Lab Duplicate

Lab ID#: 0709431C-02AA

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	3092522	Date of Collection:	9/18/07
Dil. Factor:	2.53	Date of Analysis:	9/25/07 12:43 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	2.2
Methane	0.00025	50
Carbon Dioxide	0.025	4.8

Container Type: 1 Liter Summa Canister

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-1

Lab ID#: 0709431C-02A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	3092521	Date of Collection:	9/18/07
Dil. Factor:	2.53	Date of Analysis:	9/25/07 12:23 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	2.3
Methane	0.00025	51
Carbon Dioxide	0.025	4.8

Container Type: 1 Liter Summa Canister

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-2

Lab ID#: 0709431C-01A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3092514**	**Date of Collection: 9/18/07**	
Dil. Factor:	**2.33**	**Date of Analysis: 9/25/07 09:37 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	2.3
Methane	0.00023	12
Carbon Dioxide	0.023	16

Container Type: 1 Liter Summa Canister

Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: SG-3

Lab ID#: 0709431C-04A

Carbon Dioxide	0.022	12

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: SG-2

Lab ID#: 0709431C-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	2.3
Methane	0.00023	12
Carbon Dioxide	0.023	16

Client Sample ID: SG-1

Lab ID#: 0709431C-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	2.3
Methane	0.00025	51
Carbon Dioxide	0.025	4.8

Client Sample ID: SG-1 Lab Duplicate

Lab ID#: 0709431C-02AA

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	2.2
Methane	0.00025	50
Carbon Dioxide	0.025	4.8

Client Sample ID: SG-1 (DUP)

Lab ID#: 0709431C-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	1.2
Methane	0.00024	55
Carbon Dioxide	0.024	5.6

Client Sample ID: SG-3

Lab ID#: 0709431C-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	4.8
Methane	0.00022	22

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

LABORATORY NARRATIVE
Modified ASTM D-1946
Conestoga-Rovers Associates (CRA)
Workorder# 0709431C

Four 1 Liter Summa Canister samples were received on September 20, 2007. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Method modifications taken to run these samples include:

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0709431C

Work Order Summary

CLIENT:	Ms. Christina McClelland Conestoga-Rovers Associates (CRA) 5900 Hollis Street Suite A Emeryville, CA 94608	**BILL TO:**	Ms. Christina McClelland Conestoga-Rovers Associates (CRA) 5900 Hollis Street Suite A Emeryville, CA 94608
PHONE:	510-420-3309	**P.O. #**	
FAX:	510-420-9170	**PROJECT #**	161558-111 OLY-131 Terminal Ct.
DATE RECEIVED:	09/20/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/03/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SG-2	Modified ASTM D-1946	4.0 "Hg
02A	SG-1	Modified ASTM D-1946	6.0 "Hg
02AA	SG-1 Lab Duplicate	Modified ASTM D-1946	6.0 "Hg
03A	SG-1 (DUP)	Modified ASTM D-1946	5.0 "Hg
04A	SG-3	Modified ASTM D-1946	2.0 "Hg
05A	Lab Blank	Modified ASTM D-1946	NA
06A	LCS	Modified ASTM D-1946	NA

CERTIFIED BY: Linda S. Fuman DATE: 10/03/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709431A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1092803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/28/07 08:09 AM**	

Compound	%Recovery
2-Propanol	110
Methyl tert-butyl ether	99
Benzene	106
Toluene	117
Ethyl Benzene	108
m,p-Xylene	111
o-Xylene	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709431A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1092802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/28/07 07:32 AM**	

Compound	%Recovery
2-Propanol	103
Methyl tert-butyl ether	91
Benzene	102
Toluene	105
Ethyl Benzene	106
m,p-Xylene	108
o-Xylene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709431A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1092804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/28/07 08:55 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Propanol	2.0	Not Detected	4.9	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-3

Lab ID#: 0709431A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1092819**	**Date of Collection: 9/18/07**	
Dil. Factor:	**432**	**Date of Analysis: 9/28/07 09:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Propanol	860	Not Detected	2100	Not Detected
Methyl tert-butyl ether	220	Not Detected	780	Not Detected
Benzene	220	2700	690	8700
Toluene	220	Not Detected	810	Not Detected
Ethyl Benzene	220	Not Detected	940	Not Detected
m,p-Xylene	220	250	940	1100
o-Xylene	220	Not Detected	940	Not Detected

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	150 Q	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SG-1 (DUP)

Lab ID#: 0709431A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	1092818	Date of Collection: 9/18/07	
Dil. Factor:	4840	Date of Analysis: 9/28/07 08:30 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Propanol	9700	Not Detected	24000	Not Detected
Methyl tert-butyl ether	2400	Not Detected	8700	Not Detected
Benzene	2400	130000	7700	410000
Toluene	2400	2900	9100	11000
Ethyl Benzene	2400	Not Detected	10000	Not Detected
m,p-Xylene	2400	3300	10000	14000
o-Xylene	2400	Not Detected	10000	Not Detected

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	139 Q	70-130
4-Bromofluorobenzene	97	70-130

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0709438

EPA Method SW8260B	Extraction SW5030B				BatchID: 30722			Spiked Sample ID: 0709439-001B				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Methyl-t-butyl ether (MTBE)	ND	10	94.8	96.7	1.90	88.4	91.6	3.58	70 - 130	30	70 - 130	30
%SS1:	102	10	104	102	2.18	92	91	1.28	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 30722 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0709438-001A	09/19/07 6:45 AM	09/22/07	09/22/07 11:21 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

QA/QC Officer

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX G

Site Survey Data

Virgil Chavez Land Surveying
721 Tuolumne Street
Vallejo, California 94590
(707) 553-2476 • Fax (707) 553-8698

October 2, 2007
Project No.: 1946-10A

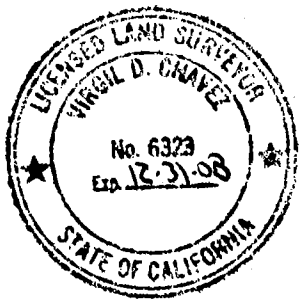
Glen Reiss
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608

Subject: Monitoring Well Survey
Olympian Cardlock Facility
131 Terminal Court
So. San Francisco, CA

Dear Glenn:

This is to confirm that we have proceeded at your request to survey the soil boring locations located at the above referenced location. The survey was completed on September 26, 2007. The benchmark for this survey was a brass disk stamped "Corps of Engrs. US Army" marked "A-1955" located in the sidewalk, on the northwesterly corner of the San Mateo Ave. Bridge over Colma Creek. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83). Benchmark Elevation = 11.11 feet (NGVD 29).

Latitude	Longitude	Northing	Easting	Elev.	Desc.
37.6458445	-122.4076468	2063258.14	6009395.52	6.54	SG-1
37.6458688	-122.4074843	2063266.02	6009442.72	6.46	SG-2
37.6459686	-122.4075371	2063302.67	6009428.18	5.53	SG-3
37.6459121	-122.4074166	2063281.39	6009462.64	6.38	B-15
37.6455659	-122.4074918	2063155.82	6009438.31	6.05	CL CB



Sincerely,

Virgil D. Chavez, PLS 6323

Appendix O:
Water Supply Assessment

Water Supply Assessment for the Infinite 131 Project

South San Francisco District
California Water Service

March 2024
EKI C30179.00

EKI ENVIRONMENT & WATER, INC.
www.ekiconsult.com
2001 Junipero Serra Blvd, Suite 300 • Daly City, CA 94014

Water Supply Assessment

Infinite 131 Project
South San Francisco District, California Water Service

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APPENDICES

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Appendix B Summary of Known Developments and their Cumulative Impacts in the Three Peninsula Districts

Appendix C 2021 Amended and Restated Water Supply Agreement between the City and County of San Francisco and Wholesale Customers in Alameda County, San Mateo County, and Santa Clara County (excluding attachments)

Appendix D SFPUC Memorandum Re: Regional Water System Supply Reliability and UWMP 2020

CALIFORNIA WATER SERVICE
Water Resource Sustainability Department 1720 North First Street
San Jose, CA 95112

March 15, 2024

Devan Atteberry
Senior Environmental Planner
ICF International
201 Mission Street, Suite 1500
San Francisco, CA 94105

Dear Ms. Atteberry,

This letter serves as the California Water Service Company's (Cal Water) formal approval of the Water Supply Assessment (WSA) for the Infinite 131 Project in the City of South San Francisco, California. This approval is contingent on the developer's compliance with any conditions set forth in the WSA by Cal Water.

Authority for this approval is pursuant to Cal Water's "Resolution to Approve Water Supply Assessment and Related Documents for New Developments" dated October 27, 2021 (attached).

Should you have any questions, please contact Michael Bolzowski at mbolzowski@calwater.com or (408) 367-8338.

Sincerely,

Ken Jenkins
Chief Water Resource Sustainability Officer

1 INTRODUCTION

Included herein is a Senate Bill (SB) 610-compliant water supply assessment (WSA) in support of the proposed Infinite 131 Project (Proposed Project; **Figure 1**). The Proposed Project site is comprised of approximately 17.67 acres located at 131 Terminal Court in the City of South San Francisco, California. The Proposed Project includes the demolition of existing structures on the project site and the construction of approximately 1.7 million square feet (sq ft) of research and development (R&D) and amenity uses within six buildings, ranging from one to six stories (I131S A, I131S B, I131S C, I131S D [amenity building], I131N A, and I131N B). Additionally, the Proposed Project includes a seventh building, a daycare center, and two multi-level parking garages associated with the I131N and I131S buildings (ICF, 2023). Land uses associated with the Proposed Project would include a mix of R&D, conference space, fitness center, daycare, and food services (ICF, 2023). A detailed site plan for the Proposed Project is included in **Appendix A**. The Proposed Project is located within the California Water Service (Cal Water) South San Francisco District (SSF District) service area, and Cal Water will be the water service provider for the Proposed Project.

The information provided in this WSA is consistent with California Water Code (CWC) §10910-10912 requirements and the California Department of Water Resources' (DWR's) *Guidebook for Implementation of SB 610 and SB 221 of 2001: To Assist Water Suppliers, Cities, and Counties in Integrating Water and Land Use Planning*, dated 8 October 2003. The text of specific sub-sections of the CWC is included in greyed boxes and italicized font at the beginning of specific sections of this WSA. The information presented in those respective sections, and the associated tables and figures, respond directly to applicable CWC requirements.

The purpose of a WSA is to evaluate whether a water provider has sufficient water supply to meet the current and planned water demands within its service area, including the demands associated with the Proposed Project, during normal and dry hydrologic years over a 20-year time horizon.[1] Given that the SSF District shares its contractual allocation for its primary supply source (i.e., the City and County of San Francisco's Regional Water System [RWS]) with Cal Water's Bear Gulch and Mid-Peninsula Districts (referred to as the "three Peninsula Districts"; **Figure 2**), the collective projected supplies and demands for all three Peninsula Districts are considered in this WSA. More specifically, this WSA includes:

- A summary of the WSA requirements articulated in CWC §10910-10912 and a description of how they apply to the Proposed Project;
- A description and analysis of the current and projected future water demands of the Proposed Project through the year 2045;

[1] The CWC specifies that a WSA must look at supplies and demand on a 20-year horizon (i.e., to 2044), but given the available data, this WSA looks beyond that to 2045.

- A description and analysis of the historical and current water demands for the SSF District, and projected future water demands for the three Peninsula Districts' service areas through the year 2045;
- A description and analysis of the current and projected future water supplies for the three Peninsula Districts' service areas through the year 2045; and
- A comparison of the water supplies and demands for the three Peninsula Districts' service areas, including the projected water demands associated with the Proposed Project.

The information contained in this WSA is based primarily on Cal Water's SSF, Bear Gulch, and Mid-Peninsula Districts 2020 Urban Water Management Plans (UWMPs), except where updated with relevant water demand and supply reliability and other information provided by Cal Water, DWR, the San Francisco Public Utilities Commission (SFPUC), and the Bay Area Water Supply and Conservation Agency (BAWSCA).

1.1 WSA Determination

A significant source of uncertainty identified in this WSA is whether the Water Quality Control Plan for the San Francisco/Sacramento-San Joaquin Delta Estuary (Bay-Delta Plan Amendment)[2] will be implemented and how it would affect the supply reliability of the RWS, which is Cal Water's major source of supply. Since 2019, SFPUC has participated in negotiations with the State and other stakeholders to reach a compromise wherein a voluntary agreement could be adopted as an alternative or substitute for the Bay-Delta Plan Amendment that would minimize the impacts to the RWS. On 1 March 2019, SFPUC submitted a proposed voluntary agreement (Proposed Voluntary Agreement) to the State at the instruction of the State Water Resources Control Board (SWRCB). On 9 November 2022, SFPUC signed a non-binding Memorandum of Understanding (MOU) with State representatives outlining conceptual deal points for a Tuolumne River Voluntary Agreement, described in further detail in Section 6.1.1.2. As of the date of this WSA, the MOU remains in effect, while negotiations of the Proposed Voluntary Agreement are ongoing (SFPUC, 2023b).

Given the ongoing negotiations, litigation, and regulatory proceedings surrounding the Bay-Delta Plan Amendment, and based on information provided by the SFPUC and BAWSCA, this WSA analyzes water supply and demands through 2045 under three scenarios:

1. Scenario 1: Implementation of the Bay-Delta Plan Amendment
2. Scenario 2: Without implementation of the Bay-Delta Plan Amendment or the Proposed Voluntary Agreement
3. Scenario 3: Implementation of the Proposed Voluntary Agreement

[2] On 12 December 2018, through State Water Board Resolution 2018-0059, the State Water Board amended the Bay-Delta Plan. It adopted the amendments to the Bay-Delta Plan and the Final Substitute Environmental Document (SED) establishing the Lower San Joaquin River flow objectives and revised southern Delta salinity objectives. On 25 February 2019, the Office of Administrative Law approved the Bay-Delta Plan amendments, which are now in effect.

Scenario 1 (Implementation of the Bay-Delta Plan Amendment): With the implementation of the Bay-Delta Plan Amendment, the three Peninsula Districts have sufficient water supply to meet all expected future water demands in normal years. Since the Proposed Project's estimated water demands indicate that it will be subject to Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District. In dry years, the SSF District will implement its Water Shortage Contingency Plan (WSCP) and apply the appropriate water demand reduction actions in order to ensure demand is met. Regardless of whether the Proposed Project is constructed, as described in Section 6.2.1 herein, with implementation of the Bay-Delta Plan Amendment, the three Peninsula Districts are projecting supply shortfalls of up to 44% during single dry years and up to 53% during multiple dry years in 2045 and will require significant demand reductions or the development of additional water supply sources. Cal Water is working independently and with the other BAWSCA agencies to identify mitigation measures to improve the reliability of regional and local water supplies and to meet its customers' water needs. If conditions for large drought cutbacks to the RWS supplies exist, the SSF District will need to implement additional demand reduction actions, invoke strict restrictions on potable water use, and accelerate efforts to develop additional supplies of water to ensure that its supplies remain sufficient to serve all users, including those of the Proposed Project.

Scenario 2 (Without Implementation of the Bay-Delta Plan Amendment or the Proposed Voluntary Agreement): Without the implementation of the Bay-Delta Plan Amendment, the three Peninsula Districts have sufficient water supply to meet all expected future water demands in normal years, single dry years, and most multiple dry years. Since the Proposed Project's estimated water demands indicate that it will be subject to Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District. As discussed in Section 6.2.2 herein, it is anticipated that the three Peninsula Districts will face supply shortfalls of 14% during the fourth and fifth years of a multiple dry year scenario in 2045, during which the SSF District will implement its WSCP to curtail demands and ensure that its supplies remain sufficient to serve all users, including those of the Proposed Project.

Scenario 3 (Implementation of the Proposed Voluntary Agreement): The SFPUC is in active negotiations with the State to see if a compromise can be reached wherein the impacts of the Bay-Delta Plan Amendment to the RWS can be minimized. Under this scenario, the three Peninsula Districts are assumed to have sufficient water to meet all of their future water demands in normal years. Since the Proposed Project's estimated water demands indicate that it will be subject to Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District. It is anticipated that, in single and multiple dry year scenarios, the SSF District would implement its WSCP to curtail demands and ensure that its supplies remain sufficient to serve all users, including those of the Proposed Project. This scenario assumes that demand will not be curtailed beyond the SFPUC Level of Service (LOS) goal of not exceeding 20% system wide rationing.

This WSA concludes that, through supply augmentation and implementation of demand management measures equal to the Proposed Project's estimated net new demands consistent with the Cal Water's Development Offset Program, the Proposed Project will not affect water

supply reliability within the SSF District. Based on currently available information and conservative estimates of projected demand, Cal Water expects to be able to meet all future demands within its existing SSF District service area (as well as the Mid-Peninsula and Bear Gulch Districts), inclusive of the Proposed Project, in normal hydrologic years. The shortfalls that are currently projected during dry years will be addressed through planned implementation of the SSF District WSCP. In addition, as described herein and in Cal Water's 2020 UWMP, BAWSCA, Cal Water, and SFPUC are pursuing the development of additional water supplies to improve the RWS and SSF District supply reliability.

Legend

Project Boundary

N

0 240 480

Feet

Proposed Project Location

Infinite 131
South San Francisco, CA
March 2024
EKI C30179.00

Figure 1

Notes
1. All locations are approximate.

Sources
1. Basemap is ESRI's world aerial map, obtained 5 March 2024.

eki environment & water

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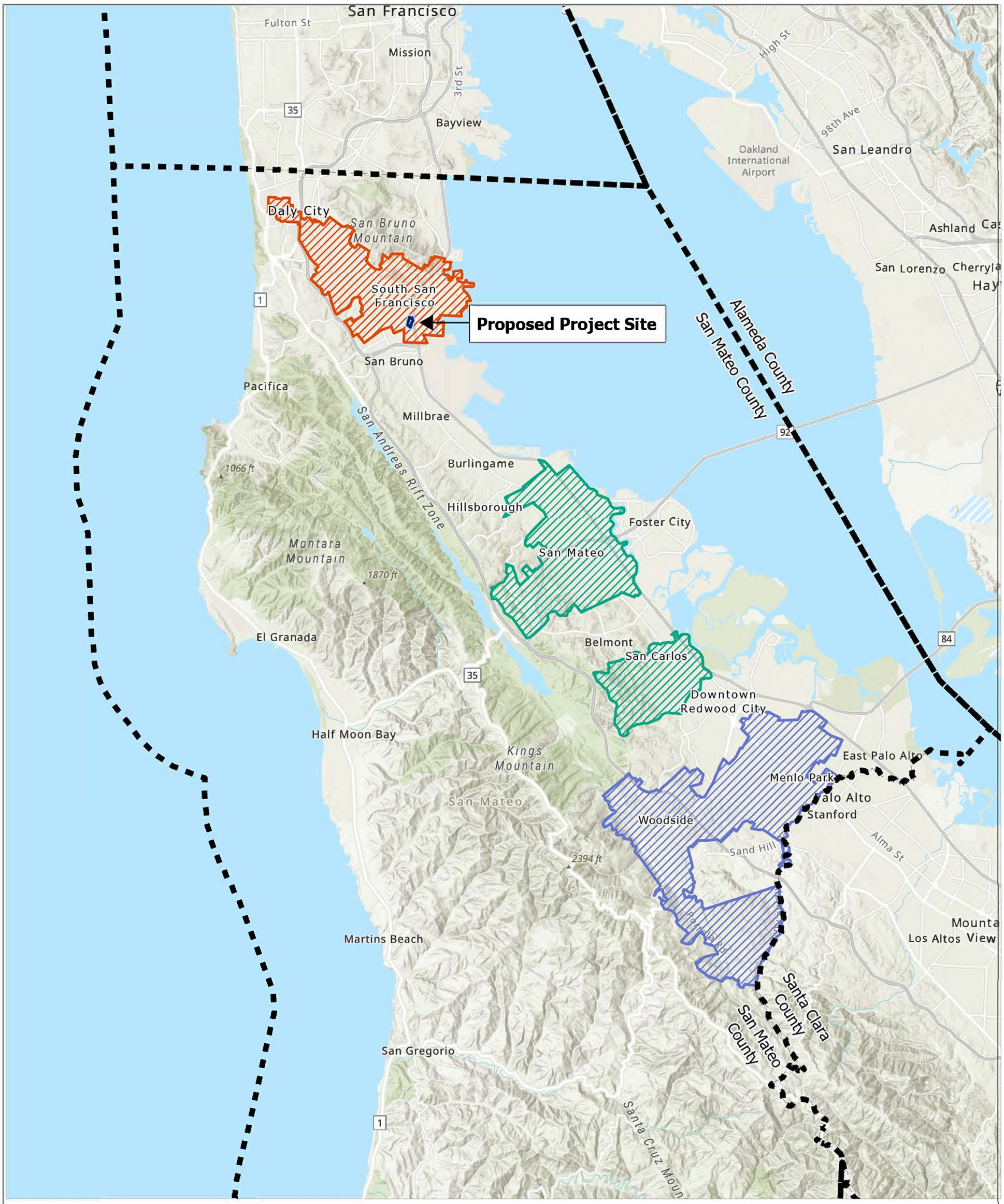

Abbreviations
Cal Water = California Water service

Notes
1. All locations are approximate.

Sources
1. Basemap is ESRI's World Topographic Map, obtained 5 March 2024.
2. Boundary data for Cal Water district's service areas received from Cal Water on 16 October 2017.

Cal Water's Three Peninsula Districts

Infinite 131
South San Francisco, CA
March 2024
EKI C30179.00

Figure 2

eki environment & water

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2 GENERAL REQUIREMENTS FOR THE PREPARATION OF A WATER SUPPLY ASSESSMENT

The purpose of this section is to outline the types of projects that require the preparation of a WSA, who is responsible for preparation, and the necessary components of a WSA.

2.1 Applicability of Senate Bill 610 to the Project

☑ ***CWC § 10910 (a)***

Any city or county that determines that a project, as defined in Section 10912, is subject to the California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code) under Section 21080 of the Public Resources Code shall comply with this part.

☑ ***CWC § 10912***

For the purposes of this part, the following terms have the following meanings:

(a) "Project" means any of the following:

(1) A proposed residential development of more than 500 dwelling units.

(2) A proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet of floor space.

(3) A proposed commercial office building employing more than 1,000 persons or having more than 250,000 square feet of floor space.

(4) A proposed hotel or motel, or both, having more than 500 rooms.

(5) A proposed industrial, manufacturing, or processing plant, or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 square feet of floor area.

(6) A mixed-use project that includes one or more of the projects specified in this subdivision.

(7) A project that would demand an amount of water equivalent to, or greater than, the amount of water required by a 500 dwelling unit project.

(b) If a public water system has fewer than 5,000 service connections, then "project" means any proposed residential, business, commercial, hotel or motel, or industrial development that would account for an increase of 10 percent or more in the number of the public water system's existing service connections, or a mixed-use project that would demand an amount of water equivalent to, or greater than, the amount of water required by residential development that would represent an increase of 10 percent or more in the number of the public water system's existing service connections.

The Proposed Project would include a business establishment having more than 500,000 square feet of floor space and therefore satisfies the definition of a "project" requiring a WSA pursuant to SB 610 (CWC §10910(a) and 10912(a)(2)).

2.2 Responsibility for Preparation of the Water Supply Assessment

☑ ***CWC § 10910 (b)***

The city or county, at the time that it determines whether an environmental impact report, a negative declaration, or a mitigated negative declaration is required for any project subject to the California Environmental Quality Act pursuant to Section 21080.1 of the Public Resources Code, shall identify any water system that is, or may become as a result of supplying water to the project identified pursuant to this subdivision, a public water system, as defined in Section 10912, that may supply water for the project. If the city or county is not able to identify any public water system that may supply water for the project, the city or county shall prepare the water assessment required by this part after consulting with any entity serving domestic water supplies whose service area includes the project site, the local agency formation commission, and any public water system adjacent to the project site.

The Proposed Project is located within the Cal Water SSF District service area and the water for the Proposed Project will be supplied by Cal Water. Therefore, in accordance with CWC §10910(b), Cal Water is the entity responsible for preparation and adoption of a WSA for the Proposed Project.

2.3 Components of a Water Supply Assessment

☑ ***CWC § 10910 (c) (4)***

If the city or county is required to comply with this part pursuant to subdivision (b), the water supply assessment for the project shall include a discussion with regard to whether the total projected water supplies, determined to be available by the city or county for the project during normal, single dry, and multiple dry water years during a 20-year projection, will meet the projected water demand associated with the proposed project, in addition to existing and planned future uses, including agricultural and manufacturing uses.

☑ ***CWC § 10911***

(b) The city or county shall include the water supply assessment provided pursuant to Section 10910, and any information provided pursuant to subdivision (a), in any environmental document prepared for the project pursuant to Division 13 (commencing with Section 21000) of the Public Resources Code.

(c) The city or county may include in any environmental document an evaluation of any information included in that environmental document provided pursuant to subdivision (b). The city or county shall determine, based on the entire record, whether projected water supplies will be sufficient to satisfy the demands of the project, in addition to existing and planned future uses. If the city or county determines that water supplies will not be sufficient, the city or county shall include that determination in its findings for the project.

As listed above in CWC §10910(c)(4), the primary purpose of a WSA is to evaluate whether sufficient water supply is available to meet all future demands within the water supplier's service area, including those associated with the Proposed Project, during normal and dry hydrologic years for a 20-year planning horizon.[3] Given that the SSF District shares its contractual allocation for its primary supply source (i.e., the City and County of San Francisco's RWS) with Cal Water's

[3] The CWC specifies that a WSA must look at supplies and demand on a 20-year horizon (i.e., to 2044), but given the available data, this WSA looks beyond that to 2045.

three Peninsula Districts (**Figure 2**), the collective projected supplies and demands for all three Peninsula Districts are considered in this WSA. More specifically, this WSA includes:

- A description and analysis of the current and projected future water demands of the Proposed Project through the year 2045;
- A description and analysis of the historical and current water demands for the SSF District, and projected future water demands for the three Peninsula Districts' service areas through the year 2045;
- A description and analysis of the current and projected future water supplies for the three Peninsula Districts' service areas through the year 2045; and
- A comparison of the water supplies and demands for the three Peninsula Districts' service areas, including the projected water demands associated with the Proposed Project.

3 PROJECT DESCRIPTION

The Proposed Project site is comprised of an approximately 17.67-acre site located in the City of South San Francisco, California with an Assessor Parcel Number (APN) of 015-113-210 (ICF, 2023). The Proposed Project site is currently bordered by a surface parking lot to the north, U.S. 101 and surface parking to the east, a navigable slough and a portion of the shoreline band to the south, and several mixed industrial and commercial buildings and San Mateo Avenue to the west (**Figure 1**).

The Proposed Project includes construction of five R&D buildings (I131S A, I131S B, I131S C, I131N A, and I131N B), an amenity building (I131S D), and a daycare center building, ranging from one to six stories, totaling 1,704,050 sq ft. Of this 1,704,050 sq ft, 1,632,000 sq ft is planned for R&D use, 21,000 sq ft for conference use, 20,000 sq ft for fitness center use, 27,000 sq ft for food services use, and 4,050 sq ft for daycare use. In addition, the Proposed Project would include two parking garages associated with the I131N and I131S buildings, totaling 1,004,665 sq ft. The I131N parking garage would be approximately 551,631 sq ft and would include three below-grade levels of parking, as well as nine levels of above-grade parking. The I131S parking garage would be approximately 453,034 sq ft and would include two levels of below-grade parking. The Proposed Project would also include approximately 137,471 sq ft of irrigated landscape (ICF, 2024). As shown in **Table 1**, the anticipated completion date and full buildout of the Proposed Project is May 2031 (ICF, 2023).

Table 1

Project Buildout Phasing Schedule

Infinite 131, City of South San Francisco, California

Building (APN 015-113-210)	**Land Use**	**Total Area (sq ft) (a)**	**Completion Date (a)**	**Description (a)**
I131S A	R&D	258,000	May 2031	Six-story R&D building
I131S B	R&D	318,000		Six-story mixed R&D, conference, and restaurant use building
	Conference Space	4,000		
	Restaurant	2,000		
I131S C	R&D	248,000		Six-story R&D building
I131S D	Conference Space	13,000		Two-story mixed conference, fitness center, and restaurant use building
	Fitness Center	20,000		
	Restaurant	17,000		
I131N A	R&D	415,000		Six-story R&D building
I131N B	R&D	393,000		Six-story mixed R&D, conference, and restaurant use building
	Conference Space	4,000		
	Restaurant	8,000		
Daycare Center	Daycare	4,050		One-story daycare center
Parking Garages	Parking	1,004,665		One eleven-story and one two-story parking structure, totaling 2,976 spaces
Total Proposed Project Area		**2,708,715**		

Abbreviations:

"APN" = Assessor Parcel Number
"Proposed Project" = Infinite 131
"R&D" = research and development
"sq ft" = square feet

Notes:

(a) Estimated land use square footages, completion date, and descriptions per Reference 1.

References:

1. ICF International (ICF), 2023. Request for Information Form, prepared by ICF, provided by Cal Water on 14 December 2023.

4 PROJECT WATER DEMAND

The City of South San Francisco has adopted green building standards and water-efficient landscaping ordinances consistent with previous versions of the CalGreen building standards and the California Model Water Efficient Landscape Ordinance (MWELO). As part of state requirements, all new developments must comply with these efficiency standards. As such, the Proposed Project development is expected to include a number of water-efficient features, including, but not limited to:

- Use of low-flow lavatory faucets, kitchen faucets, toilets, and urinals in accordance with CalGreen Code; and
- Inclusion of low-water use landscaping and high-efficiency irrigation systems to minimize outdoor water use in accordance with MWELO.

As described below, annual water demand for the Proposed Project was estimated using various literature sources. These estimates were evaluated relative to current water use by similar uses in the Cal Water SSF District. Similar uses within the Cal Water SSF District are based on the Cal Water WSA Water Factor Tool, which was developed based on 2016-2018 water use data for the SSF District (Cal Water, 2019). **Table 2** includes a summary of the water demand projections associated with the proposed land uses at the Proposed Project completion. Full buildout of the Proposed Project is assumed to be completed by May 2031 (ICF, 2023).

4.1 Cal Water's Development Offset Program

In July 2021, Cal Water began development of a Development Offset Program (Program) for its three Peninsula Districts, which share the same SFPUC supply allocation. The purpose of the Program is to ensure that overall customer demand for water does not exceed available current or future supply under a range of hydrologic conditions, and to ensure the availability of water for residential, commercial, and other purposes for future water use in the three Peninsula Districts (Cal Water, 2022a).

As described in Advice Letter No. 2453 to the California Public Utilities Commission (CPUC), dated 7 June 2022, the Program will require any new residential, commercial, or industrial development within any of the three Peninsula Districts that is projected to increase net demand by more than 50 acre-feet per year (AFY) to pay a special facilities fee, referred to as a developer offset fee, of $15,400 per acre-feet of net demand increase. The developer offset fee will be used to fund accelerated water supply projects and expanded customer conservation programs. The net demand increase is defined as the expected total potable water use for the development once it is completed, minus the average annual existing potable water use on the property over the previous five years. The estimated offset amount for the Proposed Project is identified in Section 4.8. Cal Water will verify compliance with this Program (i.e., ensure that all payments for offsets are completed) prior to establishing a water service connection. As noted above, the findings of this WSA are contingent upon compliance with this Program. Final determination will be made when the Proposed Project is connected to the Cal Water system, based on the Development Offset Program requirements at that time.

4.2 Indoor Water Use

Table 2 provides a summary of the land uses, unit demand factors, and respective water demands associated with each land use anticipated in the Proposed Project. Below is a summary of the calculations and assumptions for each indoor land use category.

4.2.1 R&D Use

The Proposed Project includes approximately 1,632,000 sq ft of R&D use (ICF, 2023). It is noted that water use by R&D varies significantly based on the specific operations of the facility. In absence of specific information regarding facility water uses, the water demands for the R&D uses are estimated based on the demand factor of 0.18 gallons per day per square foot (GPD/sq ft) based on information from the Draft Environmental Impact Report (EIR) for the Genentech Campus Master Plan Update (Genentech, 2019).[4] Based on the R&D demand factor identified above, the total estimated R&D use for the Proposed Project by full buildout is estimated to be 329 AFY.

4.2.2 Conference Space Use

The Proposed Project includes approximately 21,000 sq ft of conference space use (ICF, 2023). The water use factor for conference space, or public assembly, use is 0.070 GPD/sq ft according to the U.S. Energy Information Administration (USEIA) Commercial Buildings Energy Consumption Survey (CBECS, 2012). Based on the demand factor identified above, the total estimated conference space use for the Proposed Project by full buildout is estimated to be 1.7 AFY.

4.2.3 Fitness Center Use

The Proposed Project includes approximately 20,000 sq ft of fitness center use (ICF, 2023). The water demands for the fitness center use are estimated based on the demand factor of 0.21 GPD/sq ft based on information from the City of Ventura Water Demand Factor Study (City of Ventura, 2020). Based on the fitness center use demand factor identified above, the total estimated fitness center use for the Proposed Project by full buildout is estimated to be 4.8 AFY.

4.2.4 Food Service Use

The Proposed Project includes 27,000 sq ft of food service use (ICF, 2023). The water use factor for the food service use is 0.069 GPD/sq ft according to the U.S. Energy Information Administration (USEIA) Commercial Buildings Energy Consumption Survey (CBECS, 2012). The resultant water demand associated with the restaurant portion of the Proposed Project by full buildout is estimated to be 2.1 AFY.

[4] The demand factor was calculated by dividing the total water use of the Genentech campus in 2016 by the total area of the campus to estimate demand per area.

4.2.5 Daycare Center Use

The Proposed Project includes a 4,050 sq ft daycare center building (ICF, 2023). A water use factor of 0.040 GPD/sq ft per the USEIA Commercial Buildings Energy Consumption Survey is used to calculate the water demand associated with the daycare center use (CBECS, 2012). The resultant water demand associated with the daycare portion of the Proposed Project by full buildout is estimated to be 0.18 AFY.

4.3 Total Indoor Water Use

Based on the above calculations and assumptions, total indoor water use for the Proposed Project is estimated to be 338 AFY at full buildout.

Indoor demands for the Proposed Project were compared to demand factors from Cal Water's WSA Water Demand Factor Tool, which uses 2016-2018 water use data to develop demand factors for both residential and non-residential land uses. Based on Cal Water's WSA Water Demand Factor Tool, non-residential uses within the SSF District are 0.063 GPD/sq ft. If this demand factor were applied to all indoor uses for the Proposed Project, demands would be estimated as 120 AFY. It should be noted that this demand factor is based on all non-residential uses collectively for the SSF District and therefore does not include some of the higher intensity uses anticipated from the Proposed Project, such as R&D uses. Based on the review of these data, the indoor water demands estimated herein (338 AFY) are expected to be conservative and reflect a higher intensity of water use than typical office uses due to the high proportion of R&D use in the Proposed Project.

4.4 Parking Structure Water Use

The Proposed Project includes two multi-level parking garages with a total area of 1,004,665 sq ft (ICF, 2023). Water use associated with this space is anticipated to be minimal, limited to cleaning of the facility. For purposes of this WSA, it is assumed that the garage will be cleaned 12 times per year and that 0.02 gallons per sq ft will be used per each cleaning event (City of Los Angeles Bureau of Engineering, 2012). Thus, it is estimated that by full buildout 0.74 AFY will be used for the purpose of cleaning the parking garage.

4.5 Outdoor Water Use

The projected water demand for the landscaped area included as part of the Proposed Project was estimated based on the Maximum Applied Water Allowance (MAWA; DWR, 2015). The MWELO requires that the annual estimated total water use for landscape irrigation does not exceed the MAWA (DWR, 2015). As shown below, the MAWA is calculated based on the regional reference evapotranspiration rate, an evaporation adjustment factor, the total landscaped area, and the area of "special landscaped area."[5] Water use for the Proposed Project landscaping

[5] Special Landscaped Area includes landscaping dedicated solely to edible plants, recreational areas, areas irrigated with recycled water, or water features using recycled water.

irrigation has been conservatively assumed to be equal to the MAWA, which is the upper limit of annual applied water for established landscaped areas.

The MAWA is calculated using the following equation:

$$MAWA = ETo \times [(ETAF \times LA) + (1\text{-}ETAF) \times SLA]$$

where:

ETo	=	The regional reference evapotranspiration rate
ETAF	=	Evapotranspiration Adjustment Factor For parks (SLAs) = 1.0 For landscape corridors = 0.45
LA	=	Total landscape area (including SLA)
SLA	=	Special Landscape Area

Based on the above methodology and assuming a total landscape area of 137,471 sq ft (ICF, 2024), the total annual water use for the community landscaping is estimated to be 5.0 AFY at full buildout as shown in **Table 3** (excluding the distribution system losses discussed in Section 4.6).

4.6 Distribution System Losses

Water distribution systems experience a degree of water loss over the course of transmission from the source to the customer. Although distribution system losses from the newly constructed portion of the system's infrastructure associated with the Proposed Project would initially be expected to be minimal, it is conservatively assumed that distribution system losses associated with delivering water for the Proposed Project will ultimately be consistent with the proportion of real and apparent water loss per the most recent (2021) validated water loss audit submitted to DWR for the SSF District (i.e., 2.1%; Cal Water, 2022b). It should be noted that while these real losses represent a demand on the system, water lost through the distribution system returns to the underlying groundwater basin and thus is not a true demand on the groundwater supply. However, for purposes of this WSA, all water loss is conservatively considered a demand. **Table 2** shows the distribution system losses for the Proposed Project, estimated at a total of 7.4 AFY at full buildout.

4.7 Existing Current Water Demand on the Proposed Project Site

The Proposed Project site is currently occupied by the Golden Gate Produce Terminal, a produce market facility, and associated surface parking (ICF, 2023). Historical water use at the site ranged between 4.7 and 6.5 AFY between 2018 and 2022, and averaged 5.5 AFY (Cal Water, 2023b). Water demand by the new development is considered incremental to this existing demand, and thus, as shown in **Table 2**, the average of the last five years of existing site demand is subtracted from the estimated demands associated with the Proposed Project.

4.8 Total Proposed Project Water Demand

Based on the above methodologies and assumptions, the water demand associated with the Proposed Project at full buildout and occupancy is estimated to be 345 AFY, as shown in **Table 2**. However, as discussed in Section 4.1, in accordance with the Cal Water's Development Offset Program, the Proposed Project is expected to pay a special facilities fee of $15,400 per acre-feet of net demand increase, which will be used to fund accelerated water supply projects and expanded customer conservation programs that would result in no net increase in water demands to Cal Water's SSF District. Thus, the Proposed Project will be required to offset its net demand increase, calculated prior to establishing a new water service connection, and is therefore not expected to result in a net increase in water demands to Cal Water's SSF District.

Table 2

Summary of Estimated Incremental Annual Project Water Demand

Infinite 131, City of South San Francisco, California

Water Use	Area (sq ft) (a)	Demand Factor (b)	Demand Factor Units	Total Water Demand (AFY) (c)				
				2025	2030	2035	2040	2045
R&D	1,632,000	0.18	gpd/sq ft	0	0	329	329	329
Amenities								
Conference Space	21,000	0.070	gpd/sq ft	0	0	1.7	1.7	1.7
Fitness Center	20,000	0.21	gpd/sq ft	0	0	4.8	4.8	4.8
Restaurant	27,000	0.069	gpd/sq ft	0	0	2.1	2.1	2.1
Daycare Center	4,050	0.040	gpd/sq ft	0	0	0.18	0.18	0.18
Parking Garage (d)	1,004,665	0.020	gal/sq ft/cleaning	0	0	0.74	0.74	0.74
Landscape Irrigation (e)	137,471	--	--	0	0	5.0	5.0	5.0
Distribution System Losses (f)	--	2.1%	--	0	0	7.4	7.4	7.4
Existing Site Demand (g)	--		--	0	0	-5.5	-5.5	-5.5
Net Annual Water Demand (h)				**0**	**0**	**345**	**345**	**345**

Abbreviations:

"AFY" = acre-feet per year

"gal" = gallon

"gpd" = gallons per day

"Proposed Project" = Infinite 131

"R&D" = research and development

"sq ft" = square feet

"WSA" = Water Supply Assessment

Notes:

(a) Estimated land use square footages for R&D, amenity, and parking uses per Reference 1. Estimated land use square footage for landscape irrigation use per Reference 2.

(b) Demand factors for the R&D use per Reference 3. Demand factor for restaurant, conference space, and daycare center use per Reference 4 and for fitness center use per Reference 5.

(c) Estimated full buildout date per Reference 1.

(d) Water use associated with the parking structure is anticipated to be minimal, limited to cleaning of the facility. For purposes of this WSA, it is assumed that the garage will be cleaned twelve times per year and that 0.02 gal/sq ft will be used per each cleaning event, per Reference 6.

(e) Irrigation demands are calculated using the Maximum Allowable Water Allowance, per Reference 7.

(f) Estimated distribution system water loss associated with delivery of water to the Proposed Project is based on a rate of 2.1% per Reference 8 and includes both real and apparent losses.

(g) Existing site demands per Reference 9. Existing demands are subtracted from total projected water demands to show the incremental increase in demands associated with the Proposed Project (i.e., net increase in water demand). Existing demands are estimated as the average of the last five years of water use at the project site based on available metered data (2018-2022).

(h) Total may not sum due to rounding.

Table 2

Summary of Estimated Incremental Annual Project Water Demand

Infinite 131, City of South San Francisco, California

References:

1. ICF International (ICF), 2023. Request for Information Form, prepared by ICF, provided by Cal Water on 14 December 2023.
2. ICF, 2024. Information provided by developer on 20 February 2024.
3. Genentech, 2019. Genentech Campus Master Plan Update Draft Environmental Impact Report, Prepared by Lamphier-Gregory, dated October 2019.
4. CBECS, 2012. US Energy Information Administration 2012 Commercial Buildings Energy Consumption Survey: Water Consumption in Large Buildings Summary.
5. City of Ventura, 2020. Final Water Demand Factor Study, City of Ventura, prepared by Wood Rodgers, dated 8 April 2020.
6. City of Los Angeles Bureau of Engineering, 2012. City of Los Angeles Bureau of Engineering, City of Los Angeles Bureau of Sanitation, Sewer Generation Rates Table, dated 6 April 2012.
7. DWR, 2020. California Code of Regulations, Title 23, Division 2, Chapter 2.7, Model Water Efficient Landscape Ordinance, 29 September 2020.
8. DWR, 2021. WUEdata -California Water Service Company South San Francisco 2021 Water Audit Data Report, accessed via the WUEdata - Water Audit Report Data website on 19 June 2023, (https://wuedata.water.ca.gov/awwa_plans).
9. Cal Water, 2023b. Metered water consumption data provided by Cal Water on 29 November 2023.

Table 3

Estimated Project Landscaping Water Demand

Infinite 131, City of South San Francisco, California

Landscaping Land Use	[A] Area of Land Use (ac) (a)	[B] Percentage of Landscaped Area (%)	[C] Landscaped Area (ac)	[B] Annual Reference Evapotranspiration Rate (in) (b)	[C] Evapotranspiration Adjustment Factor (ETAF) (c)	[F] Maximum Applied Water Allowance (MAWA) (AFY) F = A x B x C (d)
Landscaped Area	3.2	100%	3.2	43	0.45	5.0
Estimated Total Outdoor Water Use for Landscaping						**5.0**

Abbreviations:

"ac" = acre

"AFY" = acre-feet per year

"ETAF" = Evapotranspiration Adjustment Factor

"in" = inches

"MAWA" = Maximum Applied Water Allowance

Notes:

(a) Landscaping area per Reference 1.

(b) Annual reference evapotranspiration rate for the City of Redwood City area per Reference 2.

(c) An ETAF of 0.45 was used for non-residential landscaping area per Reference 3.

(d) The MAWA calculations are described in Reference 3.

References:

1. ICF, 2024. Information provided by ICF on 20 February 2024.
2. California Department of Water Resources, 2012. California Irrigation Management Information System Reference Evapotranspiration Zones, dated January 2012.
3. California State Water Resources Control Board, 2019. California Code of Regulations, Title 23, Division 2, Chapter 2.7, Model Water Efficient Landscape Ordinance, dated 29 November 2019.

5 CAL WATER SSF DISTRICT WATER DEMAND

☑ ***CWC § 10910 (c)***

(1) The city or county, at the time it makes the determination required under Section 21080.1 of the Public Resources Code, shall request each public water system identified pursuant to subdivision (b) to determine whether the projected water demand associated with a proposed project was included as part of the most recently adopted urban water management plan adopted pursuant to Part 2.6 (commencing with Section 10610).

(2) If the projected water demand associated with the proposed project was accounted for in the most recently adopted urban water management plan, the public water system may incorporate the requested information from the urban water management plan in preparing the elements of the assessment required to comply with subdivisions (d), (e), (f), and (g).

(3) If the projected water demand associated with the proposed project was not accounted for in the most recently adopted urban water management plan, or the public water system has no urban water management plan, the water supply assessment for the project shall include a discussion with regard to whether the public water system's total projected water supplies available during normal, single dry, and multiple dry water years during a 20-year projection will meet the projected water demand associated with the proposed project, in addition to the public water system's existing and planned future uses, including agricultural and manufacturing uses.

Consistent with the UWMP Act (CWC §10610-10656), the 2020 UWMPs for the three Peninsula Districts present estimates of projected future water demand for each respective District service area in five-year increments, between the years 2025 and 2045 (Cal Water, 2021a; 2021b; 2021c).

The 2020 UWMP projections include all existing demands within the SSF District, as well as for other large projects for which Cal Water has prepared WSAs in the last five years (e.g., 201 Haskins Way, South SFPUC Site, South San Francisco Downtown Station, Oyster Point Development, and the 2017 Genentech Master Plan Update, and portions of the Southline Specific Plan[6]). A summary of water demands associated with other planned development projects within the three Peninsula Districts is provided in **Appendix B.**

While the 2020 UWMP water demand projections account for growth within the current SSF District, the Proposed Project is not explicitly included in these projections. Therefore, for the purposes of this WSA, it is conservatively assumed that no portion of the water demand associated with the Proposed Project is included in the projected SSF District water demands.[7]

[6] 527 AFY out of the 557 AFY total project demands for the Southline Specific Plan were accounted for in the SSF District's 2020 UWMP; however, the Southline Specific Plan is now expected to comply with the Offset Program and is therefore required to offset the total project demands.

[7] Demand estimates for the SSF District's service area through 2045 were developed using Cal Water's demand forecast model, which estimates future demands based on current water use for the SSF District, anticipated growth based on projections by the Association of Bay Area Governments (ABAG), projected water conservation efforts, and anticipated passive conservation savings.

5.1 Current and Historical Water Demand Within the Cal Water SSF District Service Area

Historical water demand within the Cal Water SSF District service area from 2000 through 2022 is summarized in **Table 4**. The largest proportion of water demand within the SSF District service area is from the commercial sector, which represented 45% of the demand in the 2018-2022 period. The remainder of the demand was split between single-family residential (SFR; 37% of overall demand), industrial (7.9% of overall demand), multi-family residential (MFR; 5.6% of the overall demand), institutional/government (4.2% of the overall demand), and other (0.39% of the overall demand; Cal Water, 2023a).

Water use from 2000 to 2008 within the SSF District remained fairly consistent, at an average of 9,356 AFY. A slight decrease in water use occurred from 2008 to 2012, which generally corresponds with the 2007 to 2009 drought and the economic downturn. Then, a significant drop in water demand occurred in 2016 and 2021, corresponding with the historic droughts and mandatory statewide water use restrictions and water conservation targets. Based on the data summarized in **Table 4**, total water demand for the District averaged 6,665 AFY from 2018 through 2022.

5.2 SSF District Water Demand Projections

Projected water demands for the SSF District are documented in the SSF District 2020 UWMP (2020 UWMP) and presented in **Table 5** in five-year increments. It should be noted that the projected demands for the SSF District have decreased by 527 AFY relative to those reported in the SSF District 2020 UWMP because the Southline Specific Plan Project, which had previously been included in the demand projections for the SSF District, is now expected to comply with the Development Offset Program and will not result in a net increase in demands. Taking into account historical water use, expected population increase and other growth, climatic variability, and other assumptions, the 2020 UWMP projects water demand within the SSF District will increase to 7,896 AFY by 2045,[6] an increase of 18% over the 2018-2022 average.

5.3 Planned Development Projects within the South San Francisco District

The SSF District 2020 UWMP water demand projections account for growth within the SSF District service area through 2045. The 2020 UWMP projections are based on population, housing, and employment projections developed by the Association of Bay Area Governments (ABAG) and included planned developments for which WSAs were recently completed, including the 201 Haskins Way, South SFPUC Site, South San Francisco Downtown Station, Oyster Point Development, and the 2017 Genentech Master Plan Update WSAs.[6] Thus, the projected water demands for these development projects were included in the growth projections for the SSF District.

As discussed in Section 5.2 above, while the updated water demand projections account for growth within the current SSF District, the Proposed Project is not explicitly included in these

projections. In addition to the Proposed Project, Cal Water recently completed WSAs for the following projects, all of which are also located within the SSF District:

- Southline Specific Plan – An approximately 2.8 million sq ft office/R&D development over a 27-acre site;
- 121 East Grand Avenue project – An approximately 950,000 sq ft office/R&D development over a 2.9-acre site;
- 800 Dubuque Avenue project – An approximately 900,000 sq ft office/R&D development over a 5.9-acre site;
- Healthpeak Vantage project – An approximately 1,655,202 sq ft development over a 19-acre site;
- Infinite 101 project – An approximately 669,000 sq ft R&D development over a 8.7-acre site;
- 573 Forbes Boulevard project – An approximately 316,600 sq ft office/R&D development over a 2.8-acre site; and

Additionally, Cal Water is in the process of preparing two other WSAs within the SSF District, including:

- 439 Eccles Avenue project – An approximately 436,000 sq ft office/R&D and food service development over a 2.6-acre site.
- 691 & 695 Gateway Boulevard project – An approximately 294,000 sq ft office/R&D development over a 4.4-acre site.

Through implementation of Cal Water's Development Offset Program (see Section 4.1), the Southline Specific Plan, 121 East Grand Avenue, 800 Dubuque Avenue, Healthpeak Vantage, Infinite 101, and 691 & 695 Gateway Boulevard projects are not anticipated to result in a net increase in water demand for the SSF District relative to those projected in the 2020 UWMP. However, the demands associated with the 573 Forbes Boulevard Project and the 439 Eccles Avenue Project are below the threshold for qualifying for Cal Water's Development Offset Program and thus are considered additive to SSF District demands (**Table 5**; **Appendix B**).

5.4 Total Projected SSF District Water Demand (Inclusive of the Proposed Project)

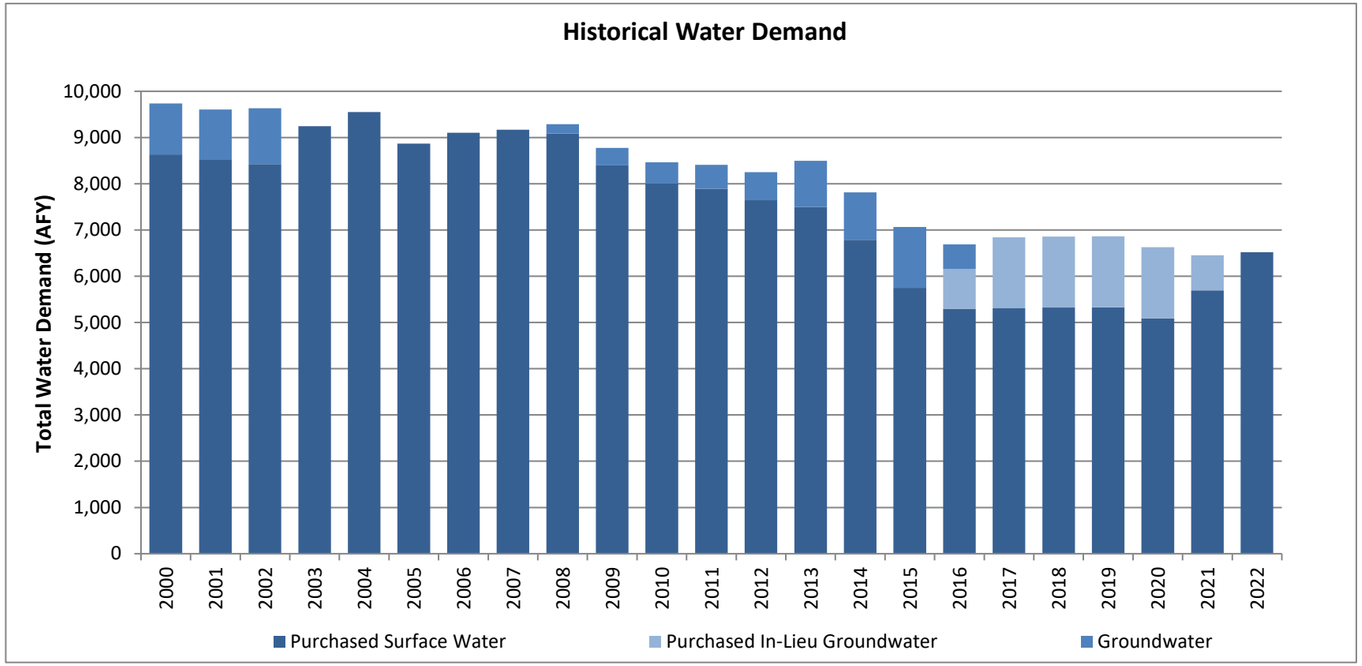
Table 5 shows the projected water demands for the SSF District inclusive of the estimated Proposed Project water demands, as well as other known developments within the SSF District that are not subject to Cal Water's Development Offset Program. As shown, with the implementation of Cal Water's Development Offset Program, the Proposed Project will not increase the SSF District's demand.

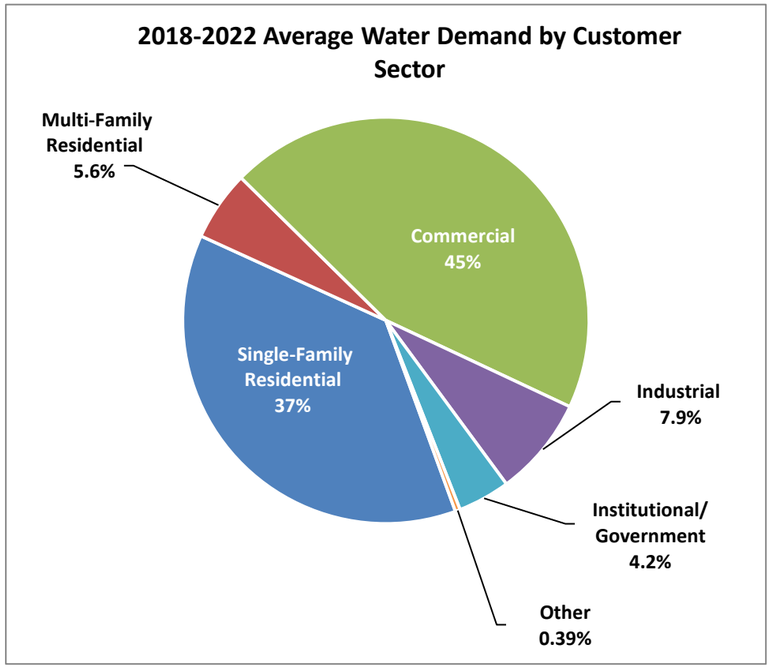
Table 4

Historical Water Demand for the South San Francisco District

Infinite 131, City of South San Francisco, California

Source	Cal Water Historical Annual Water Demand (AFY) (a)(b)																						
	2000	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
Purchased Surface Water	8,632	8,531	8,426	9,245	9,549	8,869	9,101	9,169	9,086	8,397	8,013	7,892	7,644	7,500	6,787	5,751	5,296	5,308	5,322	5,332	5,089	5,694	6,518
Purchased In-Lieu Groundwater	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	863	1,535	1,535	1,535	1,539	761	0
Groundwater	1,106	1,076	1,207	0	0	0	0	0	206	380	452	515	606	995	1,028	1,312	527	0	0	0	0	0	0
Total Water Demand	**9,738**	**9,606**	**9,633**	**9,245**	**9,549**	**8,869**	**9,101**	**9,169**	**9,292**	**8,777**	**8,465**	**8,408**	**8,250**	**8,495**	**7,816**	**7,064**	**6,687**	**6,842**	**6,856**	**6,866**	**6,627**	**6,455**	**6,518**





Abbreviations:

"AFY" = acre feet per year

"Cal Water" = California Water Service

"SSF" = South San Francisco

Notes:

(a) Historical water demands and 2018-2022 water use by customer sector per Reference 1.

(b) Since 2016, the SSF District has derived 100% of its designated quantity of supply from the Westside Basin (Basin) as in-lieu water provided through the Regional Groundwater Storage and Recovery (RGSR). As such, the volume of groundwater pumped in Table 4 does not represent actual extractions from the Basin, but rather the combined volume of in-lieu surface water deliveries and extractions from the Basin per Reference 2.

References:

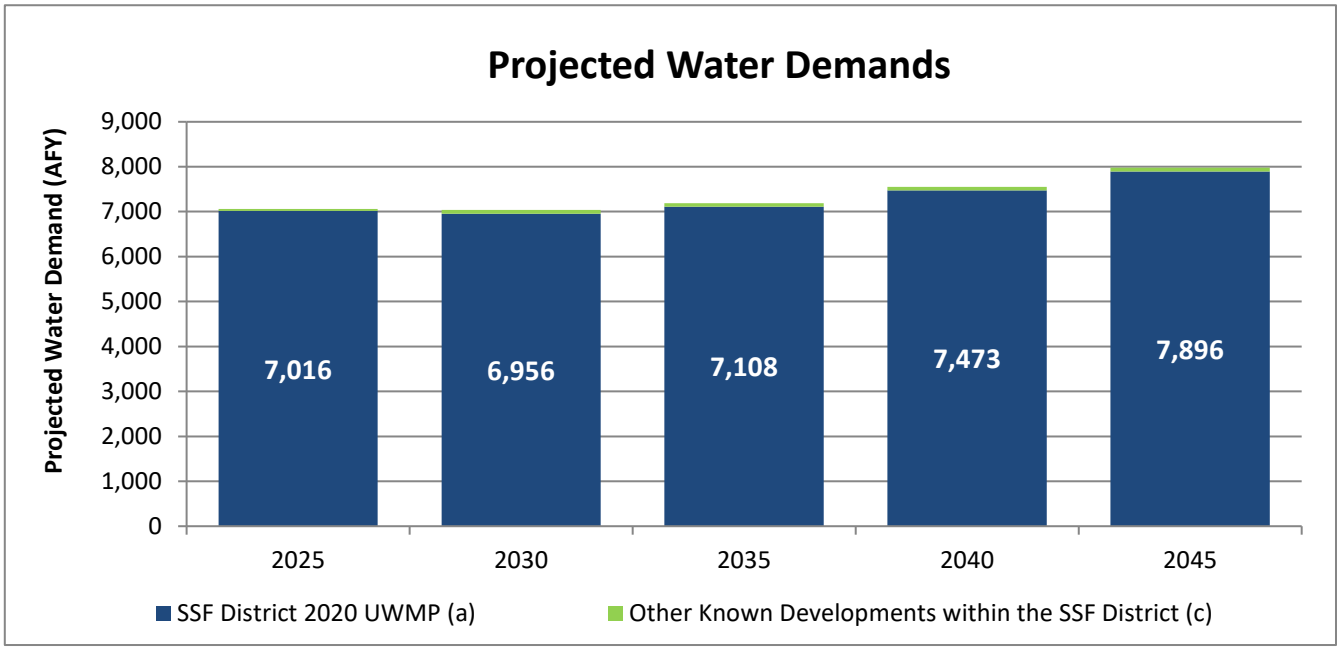
1. Cal Water, 2023a. Historical Demand and Production Data Provided by Cal Water on 11 May 2023.
2. Cal Water, 2021a. 2020 Urban Water Management Plan, South San Francisco District, prepared by California Water Service, dated June 2021.

Table 5

Projected Future Water Demand for the South San Francisco District

Infinite 131, City of South San Francisco, California

Water Demand	Projected Annual Water Demand (AFY)				
	2025	2030	2035	2040	2045
SSF District 2020 UWMP (a)	7,016	6,956	7,108	7,473	7,896
Proposed Project (b)	-	-	Included in District Demands After Implementation of Development Offset Program		
Other Known Developments within the SSF District (c)	43	82	82	82	82
Total Water Demand	**7,059**	**7,038**	**7,190**	**7,555**	**7,978**



Abbreviations:

"AFY" = acre feet per year

"Cal Water" = California Water Service

"Proposed Project" = Infinite 131

"SSF" = South San Francisco

"UWMP" = Urban Water Management Plan

Notes:

(a) Water demand projections for the SSF District were updated in 2021, and are presented per Reference 1. It should be noted that the projected demands for the SSF District have decreased by 527 AFY relative to those reported in the SSF District 2020 UWMP because the Southline Specific Plan Project, which had previously been included in the demand projections for the SSF District, is now expected to comply with Cal Water's Development Offset Program and will not result in a net increase in demands.

(b) In accordance with and through implementation of Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District.

(c) Demands for other known developments that are not subject to Cal Water's Development Offset Program within the SSF District can be found in Appendix B.

References:

1. Cal Water, 2021a. 2020 Urban Water Management Plan, South San Francisco District, prepared by California Water Service, dated June 2021.

6 CAL WATER SSF DISTRICT WATER SUPPLY

This section identifies Cal Water SSF District's water supplies and discusses the vulnerability of the various supplies to drought and other factors affecting water supply reliability. The Cal Water SSF District utilizes both groundwater supply from the Westside Basin and imported surface water supply purchased from the SFPUC RWS. Both sources are expected to constitute the water supply for the Proposed Project.

6.1 Identification of Water Supply Rights

☑ ***CWC § 10910 (d)(1)***

The assessment required by this section shall include an identification of any existing water supply entitlements, water rights, or water service contracts relevant to the identified water supply for the proposed project, and a description of the quantities of water received in prior years by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), under the existing water supply entitlements, water rights, or water service contracts.

Pursuant to CWC §10910(d)(1), a WSA is required to include identification of all water supply entitlements, water rights, and water service contracts relevant to the identified water supply for the Proposed Project. In accordance with these requirements, this WSA includes a summary of Cal Water's water supply sources in the SSF District service area and the agreements between Cal Water and its wholesale supplier, the SFPUC, and other parties.

As discussed further below, three Cal Water Districts share one contractual allocation of supply from the City and County of San Francisco's RWS, and thus manage the supplies for all three Peninsula Districts collectively. Therefore, the consideration of supply availability below for the SSF District considers the collective supply available to all three Peninsula Districts (i.e., the SSF, Bear Gulch, and Mid-Peninsula Districts).

6.1.1 SFPUC Regional Water System

6.1.1.1 RWS Supply Sources and Allocation

The majority of the water supply to the Cal Water SSF District (i.e., approximately 90% from 2005-2022) is treated water purchased from the City and County of San Francisco's RWS, which is operated by the SFPUC. Within the SSF District, Cal Water takes delivery from eleven active and two standby metered turnouts from RWS transmission lines.

The RWS supply originates predominantly from the Sierra Nevada but also includes treated water produced by the SFPUC from its local watersheds and facilities in Alameda and San Mateo Counties. Approximately 85% of the RWS supply is from the Tuolumne River via the Hetch-Hetchy Reservoir and aqueducts. The Cal Water RWS supply is sourced from the remaining 15%, which is derived from local watersheds and the San Antonio, Calaveras, Crystal Springs, Pilarcitos, and San Andreas Reservoirs.

The business relationship between the City and County of San Francisco and its Wholesale Customers (including Cal Water) is largely defined by the Water Supply Agreement between the City and County of San Francisco and Wholesale Customers in Alameda County, San Mateo County, and Santa Clara County (Agreement) entered into in July 2009. The Agreement, which has a 25-year term, addresses water supply availability for the RWS as well as the methodology used by the SFPUC in setting wholesale water rates. This Agreement supersedes an earlier 25-year agreement signed in 1984 and was amended in 2019. The amendments included extending the deadline for SFPUC to decide whether to make San Jose and Santa Clara permanent customers, a revision to the drought allocation formula, and a deadline extension for completion of its Water Supply Improvement Plan, among other things. A copy of this Agreement (without signatures) is included in **Appendix C**.

The Agreement provides a 184 million gallons per day (MGD) Supply Assurance to the SFPUC's Wholesale Customers collectively (Cal Water, 2021a). This allocation was reached through negotiation in the early 1990s between the SFPUC and the Bay Area Water Users Association (BAWUA), the predecessor organization to BAWSCA. The Agreement was first signed by Cal Water, along with 29 other Bay Area water suppliers, as part of the 1984 Settlement Agreement and Master Water Sales Contract with San Francisco, supplemented by individual Water Supply Contracts (Cal Water, 2016). The Supply Assurance is subject to reduction during periods of water shortage due to drought, emergencies, or other scenarios resulting in a water shortage. Each Wholesale Customer's share of the 184 MGD is referred to as their Individual Supply Guarantee (ISG). Although the Agreement expires in 2034, the Supply Assurance and ISG continue in perpetuity as both are subject to separate binding water allocation agreements described above and would continue beyond the term of the Agreement. At expiration of the Agreement, it is likely that a new agreement will be entered into as was done at the termination of the prior 1984 agreement.

Cal Water's contractual allocation of SFPUC supply is shared among its Bear Gulch, Mid-Peninsula, and SSF Districts. Cal Water's ISG for the three Peninsula Districts was originally 35.39 MGD (39,642 AFY). However, the acquisition of the Los Trancos County Water District in July 2005 resulted in the transfer of 0.11 MGD of ISG to Cal Water, and in 2009 Cal Water acquired the Skyline County Water District, which also transferred its 0.181 MGD ISG to Cal Water. These acquisitions increased Cal Water's total ISG to 35.68 MGD (39,993 AFY) (Cal Water, 2016).

Information regarding the Agreement and subsequent amendments was provided by BAWSCA in coordination with SFPUC in support of 2020 UWMP development and is provided verbatim below.

> *In the 2009 Water Supply Agreement, the SFPUC committed to make three decisions before 2018 that affect water supply development:*
>
> - *Whether or not to make the cities of San Jose and Santa Clara permanent customers,*
> - *Whether or not to supply the additional unmet supply needs of the Wholesale Customers beyond 2018, and*

- *Whether or not to increase the wholesale customer Supply Assurance above 184 mgd.*

Events since 2009 made it difficult for the SFPUC to conduct the necessary water supply planning and CEQA analysis required to make these three decisions before 2018. Therefore, in the 2018 Amended and Restated Water Supply Agreement, the decisions were deferred for 10 years to 2028.

Additionally, there have been recent changes to instream flow requirements and customer demand projections that have affected water supply planning beyond 2018. As a result, the SFPUC has established an Alternative Water Supply Planning program to evaluate several regional and local water supply options. Through this program, the SFPUC will conduct feasibility studies and develop an Alternative Water Supply Plan by July 2023 to support the continued development of water supplies to meet future needs.

6.1.1.2 RWS Supply Reliability

The RWS has historically met demand in its service area in all year types. Factors that will affect future reliability of the RWS are discussed below. Detailed information regarding factors that impact the SFPUC RWS supply reliability is provided in the 2020 UWMP.

The water available to SFPUC's Retail and Wholesale Customers from the RWS is constrained by hydrology, physical facilities, and the institutional parameters that allocate the water supply of the Tuolumne River (Cal Water, 2021a). In addition, statewide regulations and other factors can impact the system reliability. For example, the adoption of the Water Quality Control Plan for the Bay-Delta Plan Amendment is anticipated to impact the reliability of the RWS supplies in the future.

Based on an analysis by BAWSCA, if the current Bay-Delta Plan Amendment (July 2018) is implemented, the proposed unimpaired flow volumes would significantly reduce water supply available through the RWS during future drought conditions, and BAWSCA member agencies (including the Cal Water SSF District) would be required to reduce their water use by as much as 50% during drought years (BAWSCA, 2018).

In support of 2020 UWMP development, SFPUC provided a detailed discussion of the factors contributing to the significant uncertainties surrounding the Bay-Delta Plan Amendment. This discussion is excerpted below:

In December 2018, the State Water Resources Control Board (SWRCB) adopted amendments to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary (Bay-Delta Plan Amendment) to establish water quality objectives to maintain the health of the Bay-Delta ecosystem. The SWRCB is required by law to regularly review this plan. The adopted Bay-Delta Plan Amendment was developed with the stated goal of increasing salmonid populations in three San Joaquin River tributaries (the Stanislaus, Merced, and Tuolumne Rivers) and the Bay-Delta. The Bay-

Delta Plan Amendment requires the release of 30-50% of the "unimpaired flow"[8] on the three tributaries from February through June in every year type. In SFPUC modeling of the new flow standard, it is assumed that the required release is 40% of unimpaired flow.

If the Bay-Delta Plan Amendment is implemented, the SFPUC will be able to meet the projected water demands presented in this Urban Water Management Plan (UWMP) in normal years but would experience supply shortages in single dry years or multiple dry years. Implementation of the Bay-Delta Plan Amendment will require rationing in all single dry years and multiple dry years. The SFPUC has initiated an Alternative Water Supply Planning Program (AWSP) to ensure that San Francisco can meet its Retail and Wholesale Customer water needs, address projected dry years shortages, and limit rationing to a maximum 20 percent system-wide in accordance with adopted SFPUC policies. This program is in early planning stages and is intended to meet future water supply challenges and vulnerabilities such as environmental flow needs and other regulatory changes; earthquakes, disasters, and emergencies; increases in population and employment; and climate change. As the region faces future challenges – both known and unknown – the SFPUC is considering this suite of diverse non-traditional supplies and leveraging regional partnerships to meet Retail and Wholesale Customer needs through 2045.

The SWRCB has stated that it intends to implement the Bay-Delta Plan Amendment on the Tuolumne River by the year 2022, assuming all required approvals are obtained by that time. But implementation of the Plan Amendment is uncertain for multiple reasons.

First, since adoption of the Bay-Delta Plan Amendment, over a dozen lawsuits have been filed in both state and federal courts, challenging the SWRCB's adoption of the Bay-Delta Plan Amendment, including a legal challenge filed by the federal government, at the request of the U.S. Department of Interior, Bureau of Reclamation. This litigation is in the early stages and there have been no dispositive court rulings as of this date.

Second, the Bay-Delta Plan Amendment is not self-implementing and does not automatically allocate responsibility for meeting its new flow requirements to the SFPUC or any other water rights holders.

…

Third, in recognition of the obstacles to implementation of the Bay-Delta Plan Amendment, the SWRCB Resolution No. 2018-0059 adopting the Bay-Delta Plan Amendment directed staff to help complete a "Delta watershed-wide agreement, including potential flow measures for the Tuolumne River" by March 1, 2019, and to incorporate such agreements as an "alternative" for a future amendment to the Bay-Delta Plan to be presented to the SWRCB "as early as possible after December 1, 2019." In

[8] "Unimpaired flow represents the natural water production of a river basin, unaltered by upstream diversions, storage, or by export or import of water to or from other watersheds." (Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary (Dec. 12, 2018) p.17, fn. 14, available at: https://www.waterboards.ca.gov/plans_policies/docs/2018wqcp.pdf.)

accordance with the SWRCB's instruction, on March 1, 2019, SFPUC, in partnership with other key stakeholders, submitted a proposed project description for the Tuolumne River that could be the basis for a voluntary substitute agreement with the SWRCB ("Marc[h] 1st Proposed Voluntary Agreement"). On March 26, 2019, the Commission adopted Resolution No. 19-0057 to support the SFPUC's participation in the Voluntary Agreement negotiation process. To date, those negotiations are ongoing under the California Natural Resources Agency and the leadership of the Newsom administration.[9,10]

The 2020 UWMP further summarized the current sources of uncertainty regarding RWS dry year water supply projections. This discussion is excerpted (with minor refinements) below:

- *Benefits of the AWSP are not accounted for in current supply projections.* As discussed above, SFPUC is exploring options to increase its supplies through the AWSP. Implementation of feasible projects developed under the AWSP is not yet reflected in the supply reliability scenarios presented herein and is anticipated to reduce the projected RWS supply shortfalls.
- *Methodology for Tier One and Tier Two Wholesale drought allocations have not been established for wholesale shortages greater than 20%.* As discussed further in Section 6.1.1.4, the current Tier One and Tier Two Plans are not designed for RWS supply shortages of greater than 20%. For UWMP planning purposes per BAWSCA guidance, the Tier One Wholesale share for a 16% to 20% supply reduction (62.5%) has been applied for reductions greater than 20% and an equal percent reduction has been applied across all Wholesale Customers. BAWSCA member agencies have not formally agreed to adopt this shortage allocation methodology and are in discussions about jointly developing an alternative allocation method that would consider additional equity factors if SFPUC is unable to deliver its contractual supply volume and cutbacks to the RWS supply exceed 20%.
- *RWS demands are subject to change.* The RWS supply availability is dependent upon the system demands. The supply scenarios are based on the total projected Wholesale Customer purchases provided by BAWSCA to SFPUC in January 2021. Many BAWSCA agencies have refined their projected demands during the UWMP process after these estimates were provided to SFPUC. Furthermore, the RWS demand projections are subject to change in the future based upon future housing needs, increased conservation, and development of additional local supplies.
- *Frequency and duration of cutbacks are also uncertain.* While the projected shortfalls presented in the UWMP appear severe, the actual frequency and duration of such shortfalls are uncertain. Based on the Hetch Hetchy and Local Simulation Model (HHLSM)

[9] California Natural Resources Agency, "Voluntary Agreements to Improve Habitat and Flow in the Delta and its Watersheds," available at https://files.resources.ca.gov/voluntary-agreements/.

[10] As of 29 October 2021, state regulators announced that the Voluntary Agreement negotiations process has ceased, with no agreement reached. San Francisco Chronicle, "California Drought: Key Talks Over Water Use Break Down, SF May Face Tighter Regulation," available at https://www.sfchronicle.com/sf/article/California-drought-Key-talks-over-water-use-16576132.php

simulations provided by BAWSCA for the Bay-Delta Plan Amendment scenario, rationing is anticipated to be required 20% of years for base year 2025 through 2035, 23% of all years for base year 2040, and 25% of years for base year 2045. In addition to the supply volumes, the above-listed uncertainties would also impact the projected frequency and duration of shortfalls. As such, in addition to evaluating local options to increase supply reliability, Cal Water has placed high priority on working with BAWSCA and SFPUC in the upcoming years to better refine the estimates of RWS supply reliability and may amend the 2020 UWMP when new information becomes available.

- *Voluntary agreement may be reached.* The SFPUC 2020 UWMP also discussed that the implementation of the Bay-Delta Plan Amendment was under negotiation, through Voluntary Agreement negotiations between SFPUC, in partnership with other key stakeholders, and SWRCB. In November 2022, SFPUC, along with Governor Newsom's senior water policy officials and the Modesto and Turlock Irrigation Districts, reached an agreement on an MOU with an eight-year term. The MOU includes, among other things, protection of water supplies for RWS customers, as well as a commitment by the Tuolumne River parties for new flows in the Tuolumne River to benefit native fish species that are in addition to the current requirements. The MOU also provides that pending litigation concerning the adopted 2018 Bay-Delta Plan Amendment will be the subject of future negotiations.

Regardless of the recent progress made through the November 2022 MOU, a Voluntary Agreement has yet to be approved by the SWRCB as an alternative to the Bay-Delta Plan Amendment, and shortages and supply cutback values associated with this alternative are unknown. Despite this uncertainty, the relative degree of shortfall associated with the Voluntary Agreement is assumed to be less than under the Bay-Delta Plan Amendment, as further explained in a recently approved SFPUC WSA (SFPUC, 2023b):

> *However, given that the objectives of the Voluntary Agreement are to provide fishery improvements while protecting water supply through flow and non-flow measures, the RWS supply shortfalls under the Voluntary Agreement would be less than those under the Bay-Delta Plan Amendment, and therefore would require water use reductions of a lesser degree. The degree of water use reduction would also more closely align with the SFPUC's RWS [Level of Service] LOS goal of limiting water use reduction to no more than 20% on a system-wide basis in drought years.*

There are currently over a dozen active lawsuits challenging the SWRCB's adoption of the Bay-Delta Plan Amendment. This litigation is in the early stages and there have been no dispositive court rulings as of this date. This is a dynamic situation and the projected drought cutback allocations may need to be revised before the next (i.e., 2025) UWMP process depending on court decisions and/or an adopted implementation policy.

Per the above, numerous uncertainties remain surrounding the implementation of the Bay-Delta Plan Amendment. The water supply projections presented in SFPUC's 2020 UWMP likely represent a worst-case scenario in which the Bay-Delta Plan Amendment is implemented as written, and do not account for implementation of SFPUC's AWSP or a Voluntary Agreement. Additional information regarding drought allocations can be found in Section 8 of the SFPUC 2020 UWMP.

6.1.1.3 Efforts to Increase RWS Supply Reliability

On 2 June 2021, the SFPUC released a memorandum which outlines numerous options the SFPUC is pursuing to improve the supply reliability projected in its 2020 UWMP and meet its LOS Goals. This memorandum is included as **Appendix D**. Furthermore, the SFPUC's Water Supply Improvement Program (WSIP) and its Draft Alternative Water Supply Plan (Draft AWS Plan) articulate the SFPUC's goals and objectives to improve the delivery reliability of the RWS, including water supply reliability.

The WSIP program goal is to improve the SFPUC's ability to reliably meet its Retail and Wholesale Customers water needs in non-drought and drought periods. In 2008, the SFPUC adopted LOS Goals and Objectives in conjunction with the adoption of the WSIP. The SFPUC's LOS Goals and Objectives include: (a) meeting average annual water demand of 265 MGD from the SFPUC watersheds for Retail and Wholesale Customers during non-drought years for system demands through 2028; (b) meeting dry-year delivery needs through 2028 while limiting rationing to a maximum 20% system-wide reduction in water service during extended droughts; (c) diversifying water supply options during non-drought and drought periods; and (d) improving use of new water sources and drought management, including groundwater, recycled water, conservation, and transfers (SFPUC, 2018). As of May 2023, WSIP local projects are 100% complete and regional projects are 92% complete, with the remaining regional projects forecasted to be approved and completed by February 2027 (SFPUC, 2023a).

Through the AWSP, the SFPUC is currently developing its AWS Plan, with the Draft AWS Plan released in June 2023. The AWS Plan is a roadmap to guide water supply planning to help address projected supply shortfalls through 2045. The AWS Plan is intended to guide the AWSP decision-making process and provide recommendations on project implementation and areas for future analysis. The Draft AWS Plan includes:

- Identification of the anticipated water supply gap through the 2045 planning horizon;
- Description of ongoing efforts to reduce demands and optimize RWS supply availability;
- Description of AWS Projects that can augment RWS supply and address the future water supply gap; and
- Recommendations that will further advance the AWSP.

Through implementation of its 2015 Long-Term Water Supply Reliability Strategy (2015 Strategy), BAWCSA is also actively evaluating opportunities to increase the supply reliability of the RWS (BAWSCA, 2015). The strategy includes short- and long-term implementation plans including water supply management projects that could be implemented to meet identified needs. Potential projects include recycled water projects, desalination projects, water transfer projects, and local capture and reuse projects. Additionally, BAWSCA is currently scoping an update to its 2015 Strategy for a planning horizon of 2050 (Strategy 2050) as several significant changes on the supply, demand, project development, and regulatory fronts have impacted the regional water supply picture.

6.1.1.4 RWS Water Shortage Allocations

The Agreement includes a Water Shortage Allocation Plan (WSAP) that allocates water from the RWS to Retail and Wholesale Customers during system-wide shortages of 20% or less. As described in detail in the 2020 UWMP, the WSAP has two components:

1. The Tier One Plan, which allocates water between San Francisco and the Wholesale Customers collectively; and
2. The Tier Two Plan, which allocates the collective Wholesale Customer share among the Wholesale Customers.

We note that the dry year supply reliability projections provided herein under the Scenario 1 (Section 6.2) are obtained from the 2020 UWMP based on application of BAWSCA-provided revised methodology to allocate RWS supplies during projected future single dry and multiple dry years in the instance where the supply shortfalls are greater than 20%.[11] However, BAWSCA member agencies are in discussions about jointly developing an allocation method that would consider additional equity factors in the event that SFPUC is not able to deliver its contractual supply volume, and its cutbacks to the RWS supply exceed 20%. While Cal Water is working independently and with the other BAWSCA agencies to identify regional mitigation measures to improve reliability for regional and local water supplies and meet its customers' water needs, Cal Water expects that SFPUC's LOS Goals and Objectives will be met and is comfortable assuming its contract with SFPUC will be honored as written.

6.1.2 Surface Water Supply

Surface water supplies a small portion of the three Peninsula Districts' water demands. From 2016 to 2020, it supplied an average of 537 AFY, or less than 2% of total supplies (Cal Water, 2021b). Surface water is collected from the Bear Gulch Creek by two diversion facilities and is stored in Bear Gulch Reservoir prior to use.

The Bear Gulch District diverts water from two points of diversion (PODs) along the creek – the Upper POD (with an upstream area of 2.5 square miles) and the Lower POD (with an upstream area of 9.4 square miles). Diversions from the Upper and Lower PODs are each governed by separate SWRCB-administered water rights (i.e., pre-1914 claimed water rights and post-1914 SWRCB-issues diversion permits/licenses) that specify the volumes, rates, and timing of allowed diversions at each POD. In addition to these SWRCB-administered water rights, diversions are further constrained by certain diversion limitations and minimum instream flow requirements imposed by the California Department of Fish and Wildlife (CDFW) at the Upper POD and by the National Oceanic and Atmospheric Administration (NOAA) at the Lower POD. There also exists a

[11] The projected SFPUC RWS supplies presented in this WSA are based on dry year allocation projections included in the SSF, Bear Gulch, and Mid-Peninsula District 2020 UWMPs based on the methodology, assumptions and information utilized and provided by SFPUC and BAWSCA; however, actual future supply allocations may vary based on actual shortage levels and the then-applicable allocation methodology being applied by BAWSCA and SFPUC.

1936 agreement with Stanford University that prohibits Cal Water from diverting more than 50% of the flows that pass by (i.e., are not diverted at) the Upper POD.

Water diverted from the Upper POD flows through a gravity conveyance pipeline to a junction point where it is joined by water diverted from the Lower POD, at which point the water is pumped into the Bear Gulch District-owned Bear Gulch Reservoir, a man-made storage facility impounded by an earthen dam. The Bear Gulch Reservoir is operated to have a minimum "dead pool" storage of 50 million gallons (MG), or approximately 153 AF. The maximum storage capacity of the reservoir has been reduced from 149 MG (547 AF) to 142.7 MG (438 AF), a limit imposed by the California Division of Safety of Dams (DSOD), based on a maximum storage elevation of 230 feet above mean sea level. Cal Water is undertaking capital improvements to Bear Gulch Reservoir to address DSOD's seismic safety concerns and may also consider increasing the maximum storage capacity. Outflows from Bear Gulch Reservoir are currently limited by the DSOD to the rate that causes a water surface elevation decline of 0.3 feet per day.

Water stored in Bear Gulch Reservoir is released and sent through the Bear Gulch District-owned Bear Gulch Water Treatment Plant (BGWTP) prior to addition to the distribution system. The BGWTP, which was placed into operation in 1977, has a rated capacity of 6.0 MGD. There the water is clarified, filtered, and chloraminated in compliance with the Surface Water Treatment Rule and the Safe Drinking Water Act. Based on data from Water Years 1981 through 2019, annual production from the reservoir has ranged from a high of 2,809 AF (915 MG) in 1983 to a low of 0 AF (0 MG) in 2014.

Recent analysis by the Bear Gulch District has shown that the projected long-term average annual diversion amount by the Bear Gulch District from the Bear Gulch local surface water system is approximately 840 AFY. This estimate considers the hydrology of the watershed, the various regulatory constraints that govern diversions and current infrastructure limitations (i.e., pump, pipeline and treatment plant capacity). The storage capacity of Bear Gulch Reservoir is relatively small compared to average annual diversion/production, and therefore there is typically no carryover storage from one year to the next. Furthermore, given the various constraints on diversions at the Bear District's two PODs under the SWRCB-administered water rights and the CDFW/NOAA-governed minimum instream flow requirements, the allowable diversions by the Bear Gulch District are significantly lower during dry years even though the creek itself maintains flow. Although local surface water diversions (and subsequent treatment and use of local surface water) have occurred historically during dry years, and the Bear District's analysis indicates that some diversions are likely to occur in future dry years,[12] for the purposes of its 2020 UWMP the Bear Gulch District conservatively assumed that local surface water supplies will be zero during single dry and multiple dry years over the planning horizon.

[12] Diversions from the Bear Gulch Creek system are estimated at 291 AF with a 90% exceedance probability.

6.1.3 Groundwater Supply

☑ ***CWC § 10910 (f)***

If a water supply for a proposed project includes groundwater, the following additional information shall be included in the water supply assessment:

(1) A review of any information contained in the urban water management plan relevant to the identified water supply for the proposed project.

(2)(A) A description of any groundwater basin or basins from which the proposed project will be supplied.

(B) For those basins for which a court or the board has adjudicated the rights to pump groundwater, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), has the legal right to pump under the order or decree.

(C) For a basin that has not been adjudicated that is a basin designated as high- or medium-priority pursuant to Section 10722.4, information regarding the following:

(i) Whether the department has identified the basin as being subject to critical conditions of overdraft pursuant to Section 12924.

(ii) If a groundwater sustainability agency has adopted a groundwater sustainability plan or has an approved alternative, a copy of that alternative or plan.

(D) For a basin that has not been adjudicated that is a basin designated as low- or very low priority pursuant to Section 10722.4, information as to whether the department has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current bulletin of the department that characterizes the condition of the groundwater basin, and a detailed description by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), of the efforts being undertaken in the basin or basins to eliminate the long-term overdraft condition.

(3) A detailed description and analysis of the amount and location of groundwater pumped by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), for the past five years from any groundwater basin from which the proposed project will be supplied. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(4) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), from any basin from which the proposed project will be supplied. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(5) An analysis of the sufficiency of the groundwater from the basin or basins from which the proposed project will be supplied to meet the projected water demand associated with the proposed project. A water supply assessment shall not be required to include the information required by this paragraph if the public water system determines, as part of the review required by paragraph (1), that the sufficiency of groundwater necessary to meet the initial and projected water demand associated with the project was addressed in the description and analysis required by paragraph (4) of subdivision (b) of Section 10631.

Groundwater pumped from the Westside Basin constitutes a portion of supply to the Cal Water SSF District. Additional detail regarding basin description, groundwater management, and historical groundwater use is included below.

6.1.3.1 Basin Description

The Westside Basin (California Department of Water Resources [DWR] Basin No. 2-35) underlies the Proposed Project and the Cal Water SSF District service area, as shown in **Figure 3**.[13] The Westside Basin (Basin) covers an area of approximately 25,400 acres and is separated from the Lobos Basin to the north by a northwest trending bedrock ridge through the northeastern part of Golden Gate Park. The San Bruno Mountains bound the Basin on the east. The San Andreas Fault and Pacific Ocean form its western boundary and its southern limit is defined by bedrock high that separates it from the San Mateo Plain Subbasin. The Basin is connected to the Pacific Ocean on the northwest and San Francisco Bay on the southeast (Cal Water, 2021a). The Basin is not adjudicated and, in its recent evaluation of California groundwater basins, DWR determined that the Basin was not in a condition of critical overdraft and designated the Basin as low priority (DWR, 2019).

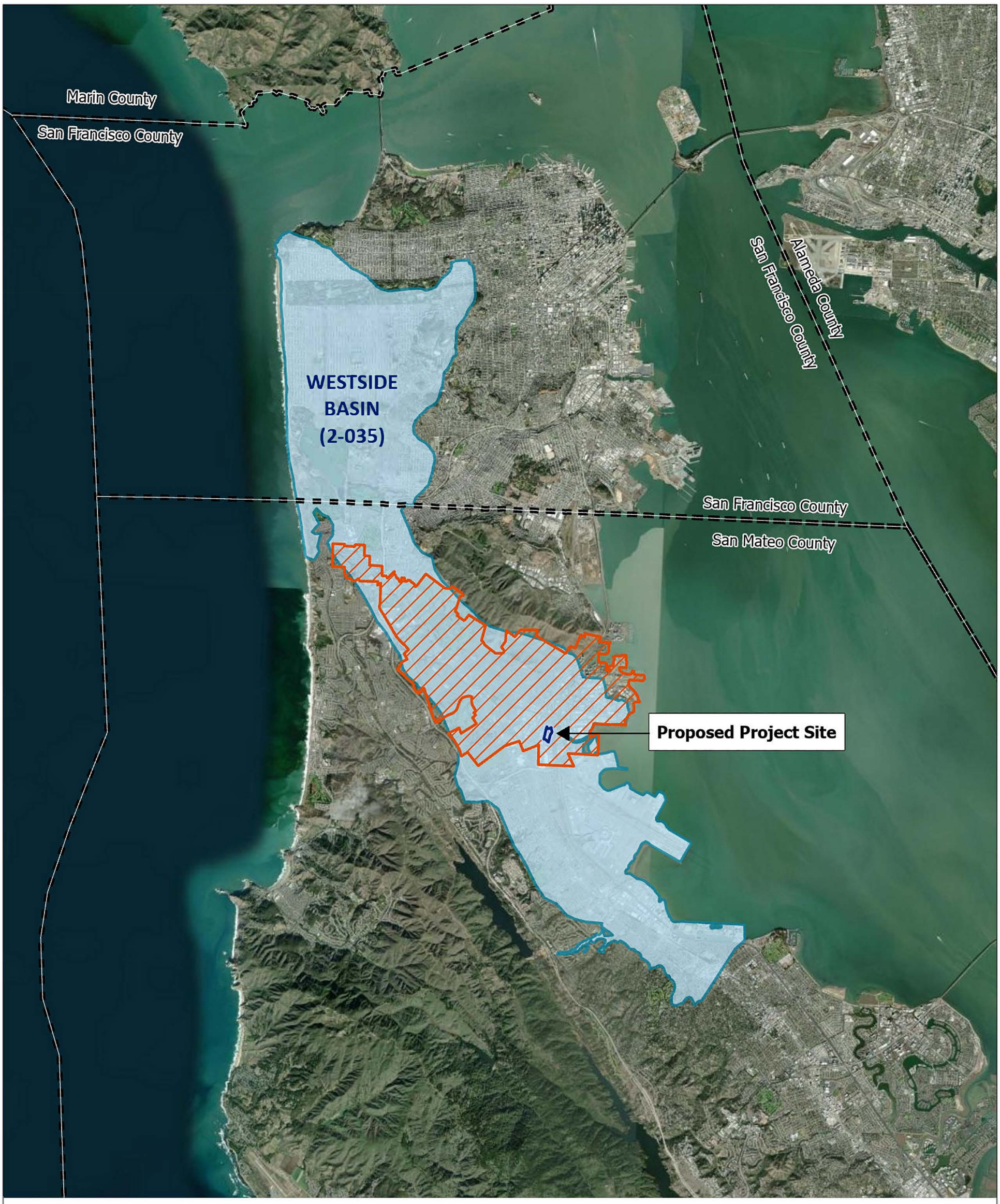
Geologically, the Basin is comprised of two groups, consisting of bedrock and unconsolidated materials. The impermeable bedrock is composed of consolidated sediment of the Franciscan Complex and the Great Valley Sequence of late Jurassic and Cretaceous age. Unconsolidated materials overlying the bedrock comprise the water bearing formations. These consist of dune sands, the Colma Formation of Pleistocene age and the Merced Formation of Pleistocene/ Pliocene age (Phillips and others, 1993; DWR, 2006).

Groundwater used for water supply within the Basin is generally pumped from in the Merced and Colma Formations. The Merced Formation is composed of sand and thin interbedded silt and clay layers of shallow marine depositional origin. The Colma Formation overlies the Merced Formation and consists of fine-grained sand, silty sand, and inter-fingered clay layers (DWR, 2006; 2016). Water is produced from the coarse-grained layers within these complex, layered formations (WRIME, 2012).

The Basin is subdivided for management purposes into northern and southern portions by the county line separating San Francisco and San Mateo counties. The county-line boundary between the "North Westside Basin" and the "South Westside Basin" does not have hydrogeological significance other than influencing the jurisdictional distribution of groundwater pumping. No geologic features restrict groundwater flow between the northern and southern parts of the Basin (SFPUC, 2016). Groundwater pumping has historically provided up to 50% of local water supply in the South Westside Basin for the communities of San Bruno, Daly City, and South San Francisco (WRIME, 2012), although current usage is significantly less as a proportion.

The Basin is not adjudicated and, in its recent evaluation of California groundwater basins, DWR determined that the Basin was not in a condition of critical overdraft and was a low priority basin (DWR, 2019). Recent evaluations by others have also found that current pumping is estimated to be within the Basin's safe yield (WRIME, 2012).

[13] A very small portion (approximately 8%) of the SSF District service area overlies the Visitacion Valley Basin (DWR Basin No. 2-32). However, no groundwater is used from this basin and so the basin is not discussed further herein.



Legend

- County Boundary
- South San Francisco District Service Area
- Groundwater Basin
- Project Boundary

Abbreviations

Cal Water = California Water service
DWR = California Department of Water Resources

Notes

1. All locations are approximate.

Sources

1. Basemap is ESRI's world aerial map, obtained 5 March 2024.
2. DWR groundwater basins are based on the boundaries defined in California's Groundwater Bulletin 118-2016 Update.
3. Boundary data for Cal Water district's service areas received from Cal Water on 16 October 2017.

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Regional Setting and Groundwater Basin

Infinite 131
South San Francisco, CA
March 2024
EKI C30179.00

Figure 3

eki environment & water

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6.1.3.2 Groundwater Management

As described below, several groundwater management programs are actively implemented within the Basin that have relevance to the Cal Water SSF District.

South Westside Basin Groundwater Management Plan

The South Westside Basin Groundwater Management Plan (GWMP) was completed in July 2012 as a joint effort between Cal Water, the SFPUC, and the Cities of Daly City and San Bruno that superseded prior groundwater management and planning efforts (WRIME, 2012). The GWMP was prepared pursuant to Assembly Bill 3030 (AB 3030; codified in CWC §10750 et seq.).[14]

The goal of the GWMP is to ensure a sustainable, high quality, reliable water supply at a fair price for beneficial uses achieved through local groundwater management (WRIME, 2012). The GWMP development was supported by a companion effort by the City of Daly City to develop a numerical groundwater model for the Basin. The GWMP includes the following elements:

- Groundwater Storage and Quality Monitoring
- Control of Saltwater Intrusion
- Conjunctive Use
- Recycled Water
- Source Water Protection

Among other things, the GWMP provides steps for monitoring water quality and quantity in the South Westside Basin. Each groundwater well identified in the GWMP has defined triggers for overdraft, seawater intrusion, and various water quality measures. The GWMP also identifies two levels of trigger thresholds for each groundwater well based on historical water levels and actions to address the trigger that is met.

Regional Groundwater Storage and Recovery Project

In a joint effort between SFPUC, Cal Water, Daly City, and San Bruno, the Regional Groundwater Storage and Recovery Project (RGSR Project) was developed to support groundwater and surface water management in the South Westside Basin and improve the reliability of the RWS (Cal Water, 2021a; SFPUC, 2013). The RGSR Project agreement was signed in December 2014 following two phases of successful pilot programs. As part of the RGSR project agreement, the municipal pumpers within the South Westside Basin agreed to self-limit pumping within the South Westside basin to no more than 6.9 MGD, of which Cal Water's designated quantity is an annual average rate of 1.37 MGD or 1,534 AFY.

Under the RGSR project, the SFPUC will provide supplemental RWS water to Cal Water and the other "Partner Agencies" (i.e. Cal Water, Daly City, and San Bruno) during normal and wet years

[14] AB 3030 provided a systematic procedure to develop a groundwater management plan by local agencies overlying DWR Bulletin 118 groundwater basins. Upon adoption of such plan, these agencies could possess the same authority as a water replenishment district to "fix and collect fees and assessments for groundwater management" (CWC §10754) (WRIME, 2012).

and in turn the Partner Agencies will reduce their groundwater pumping in their own wells to allow the Basin to recharge.[15] During dry years, the Partner Agencies may pump from RGSR project wells in addition to resuming use of their own wells up to designated quantities. The in-lieu recharge (i.e., "put") and additional groundwater pumping from RGSR wells (i.e., "take") under the RGSR project are tracked under the Westside Basin Storage Account. Production wells in the Basin are considered to be either a RGSR Well Facility or a Partner Agency Facility, where only production from RGSR Well facilities is tracked under the RGSR project.

The RGSR Project is one of the SFPUC's WSIP projects and provides additional dry-year water supply to help achieve the WSIP goals to increase RWS supply reliability. The RGSR Project consists of the construction of up to 16 new recovery wells and associated facilities, such as pumping systems, pipelines, and chemical treatment equipment. Construction for this project began in April 2015 and is anticipated to be completed in winter 2022 (SFPUC, 2022a).

Sustainable Groundwater Management Act

In 2014, the California State Legislature enacted the Sustainable Groundwater Management Act (SGMA), with subsequent amendments in 2015. The SGMA requires the formation of Groundwater Sustainability Agencies (GSAs) and the development and implementation of Groundwater Sustainability Plans (GSPs) for groundwater basins that are designated by DWR as medium or high priority.

The Basin is currently categorized by DWR as a very low priority basin (DWR, 2019). As such, the Basin is not subject to the requirements of SGMA. However, as discussed above, the Basin has been actively managed for years, including the establishment of pumping limitations.

6.1.3.3 Groundwater Use

Cal Water operates five groundwater production wells within its SSF District service area (Cal Water, 2021a). The Basin is not adjudicated and, in its recent evaluation of California groundwater basins, DWR determined that the Basin was not in a condition of critical overdraft and designated the Basin as low priority (DWR, 2019). As shown in **Table 6**, from 2005 to 2022, the Cal Water SSF District met up to 19% of its water demand from groundwater, excluding purchased in-lieu groundwater credits, and up to 22% including in-lieu groundwater credits purchased from SFPUC. Groundwater use was reduced in 2016 and later due to in-lieu recharge as part of the RGSR Project discussed above in Section 6.1.3.2.

Historical groundwater pumping from 2010 through 2020 and projected groundwater pumping through 2045 for the four municipal groundwater users in the Basin are shown in **Table 7**. From 2010 through 2020, the average total groundwater production by these entities was approximately 5,090 AFY, of which 505 AFY was by Cal Water (SFPUC, 2021a). The total projected groundwater pumping by the RGSR Partner Agencies is conservatively assumed to be equal to each agency's agreed-upon pumping limitation from 2020 through 2045, of which Cal Water is

[15] Supplemental deliveries do not count towards the Member Agencies' ISGs.

projecting to pump up to 1,534 AFY (Cal Water, 2021a). The projected groundwater pumping by the City of San Francisco is based on projected pumping values included in Table 6-5 of SFPUC's 2020 UWMP (SFPUC, 2021b).

6.1.4 Cal Water Bay Area Water Supply Reliability Study

Cal Water recently completed the Bay Area Regional Water Supply Reliability Study (WSRS), which employs integrated resource planning practices to create a long-term supply reliability strategy through 2050 for the three Peninsula Districts (Woodard and Curran, 2022). The study creates long-term strategies to address a wide range of water supply challenges including climate change, new regulatory requirements (e.g., the Bay-Delta Plan Amendment), and potential growth in demands due to new development.

The Bay Area WSRS explores potential recycled water developments to augment supply in the three Peninsula Districts. Recycled water is not currently provided in the SSF District service area and Cal Water has not projected recycled water use in its 2020 UWMP (Cal Water, 2021a). However, there is currently a coordinated effort between Cal Water and other partners to potentially develop recycled water for various uses. This WSA does not rely on an assumption of recycled water as a supply source.

6.2 Total Potable Supply in Normal, Single Dry, and Multiple Dry Years

The projected potable water supply sources, as described above, are surface water purchased from the RWS, local surface water from the Bear Gulch Reservoir, and groundwater. Historical supplies from 2018 through 2022 and projected normal year supplies through 2045 for each source are shown in **Table 8**.[16] It should be noted that the jump in supply capacity from 2022 to 2025 is because the projected water supply is assumed to be equal to Cal Water's ISG from SFPUC, which is shared among the Bear Gulch, Mid-Peninsula, and SSF Districts, plus 840 AFY from the Bear Gulch Reservoir and 1,534 AFY from the SSF wells, [17] for a total supply of 42,367 AFY through 2045. This table also shows the historical and projected demand for each of the three Peninsula Districts, based on updated demand projections included in their respective 2020 UWMPs.

Table 9 shows the projected demand by the three Peninsula Districts, with the inclusion of the Proposed Project and other known developments, and the total available supply through 2045. The current and planned future water supply within the three Peninsula Districts for normal hydrologic years is assumed equal to the projected supplies presented in **Table 8**. Given the numerous uncertainties surrounding the implementation of the Bay-Delta Plan Amendment discussed above, this WSA analyzes water supply reliability through 2045 under three scenarios:

[16] Projected groundwater and Bear Gulch Reservoir supply is shown based on the 2020 UWMP. Projected purchased SFPUC supply in normal years is based on Cal Water's contract allocation of 35.68 MGD (39,993 AFY).

[17] These projected supply values for normal hydrologic years differ from what is presented in the 2020 UWMPs, which estimate a normal year supply equal to projected demand.

1. **Scenario 1**. Implementation of the Bay-Delta Plan Amendment as presented in the SSF District's 2020 UWMP. This scenario likely represents a worst-case scenario in which the Bay-Delta Plan Amendment is implemented as written and does not account for implementation of SFPUC's AWSP.
2. **Scenario 2**. No implementation of the Bay-Delta Plan Amendment or the Proposed Voluntary Agreement based on information provided by SFPUC and BAWSCA included in Appendix I of the 2020 UWMP.
3. **Scenario 3**. Implementation of the Proposed Voluntary Agreement based on the assumption that demand will not be curtailed beyond the SFPUC LOS goal to not exceed 20% system-wide rationing as result of implementation of the Proposed Voluntary Agreement under negotiation.

A discussion of each scenario, along with the projected supplies and demands for the three Peninsula Districts under normal, single dry, and multiple dry year conditions, is presented below.

6.2.1 Scenario 1: Implementation of the Bay-Delta Plan Amendment

As discussed above, this scenario likely represents a worst-case scenario where the Bay-Delta Plan is implemented as written. The anticipated dry-year supply estimates presented are based on the delivery estimates provided by Cal Water as part of the 2020 UWMP (Cal Water, 2021a).[18] As discussed above, BAWSCA provided a revised methodology to allocate RWS supplies during projected future single dry and multiple dry years in the instance where the supply shortfalls are greater than 20% in support of 2020 UWMP development. However, BAWSCA member agencies are in discussions about jointly developing an allocation method that would consider additional equity factors in the event that SFPUC is not able to deliver its contractual supply volume, and its cutbacks to the RWS supply exceed 20%.

During single dry years, assuming implementation of the Bay-Delta Plan Amendment, the annual supply within the three Peninsula Districts' service areas will be reduced to 21,039 AFY by 2045. Supply shortfalls relative to total demands during single dry years are estimated to range between 34% in 2025 and 44% in 2045 (see **Table 10a**).

During multiple dry years, the 2020 UWMP estimates that annual supply within the three Peninsula Districts' service areas will be reduced to 23,615 AFY in 2025 during the first year of a drought, and 20,492 AFY in 2025 in the second, third, fourth, and fifth years of drought, assuming implementation of the Bay-Delta Plan Amendment. The 2020 UWMP further estimates that in 2045, annual supply will be reduced to 20,954 AFY during the first three years of a drought, and 18,061 AFY in fourth and fifth years of drought. Supply shortfalls relative to total demands are

[18] The projected SFPUC RWS supplies presented in this WSA are based on dry year allocation projections included in the SSF, Bear Gulch, and Mid-Peninsula District 2020 UWMPs based on the methodology, assumptions and information utilized and provided by SFPUC and BAWSCA; however, actual future supply allocations may vary based on actual shortage levels and the then-applicable allocation methodology being applied by BAWSCA and SFPUC.

estimated to range between 36% during the first year of a drought in 2025 to 53% during the fifth year of a drought in 2045 (see **Table 11a**).

If the "worst-case" supply scenario described under Section 6.1.1.2 in which the Bay-Delta Plan Amendment is implemented as written, and not accounting for the implementation of actions identified as part of the Settlement Agreements, SFPUC's AWSP, BAWSCA's 2015 Strategy, or Cal Water's WSRS, shortfalls of up to 53% are projected during drought years. To address this issue, under Rule 14.1, Cal Water plans to enact its WSCP, which includes Mandatory Staged Restrictions of Water Use. The WSCP systematically identifies ways in which the SSF, Bear Gulch, and Mid-Peninsula Districts can reduce water demands during dry years. The overall reduction goals in the WSCP are established for six drought stages and address water demand reductions over 50%. The WSCPs for all three Peninsula Districts were revised as part of the 2020 UWMP update process and include detailed information about how drought risks are evaluated by Cal Water on an annual basis to determine the potential need for reductions.

6.2.2 Scenario 2: Without implementation of the Bay-Delta Plan Amendment or the Proposed Voluntary Agreement

This scenario represents the supply outlook for the three Peninsula Districts without implementation of the Bay-Delta Plan Amendment or the Proposed Voluntary Agreement. Under this scenario, all BAWSCA member agencies would be allocated 100% of their contractual supply volume during single and multiple dry years up through the third year of a multi-year drought in 2045, at which point the members would be subject to their Tier Two drought cutbacks.

As shown in **Table 10b**, during single dry years, the three Peninsula Districts are expected to meet all projected demands, which are estimated to be 37,743 AFY by 2045. During multiple dry years in which no Bay-Delta Plan Amendment is implemented, the three Peninsula Districts are expected to have sufficient supply to meet projected demands through the third year of a multi-year drought in 2045 (see **Table 11b**). During the fourth and fifth years of a multi-year drought in 2045, supplies would be reduced to 33,014 AFY, resulting in supply shortfalls of 14%. These shortfalls would be addressed through implementation of the SSF District's WSCP.

6.2.3 Scenario 3: Implementation of the Proposed Voluntary Agreement

The 1 March 2019 Proposed Voluntary Agreement has yet to be accepted by SWRCB as an alternative to the Bay-Delta Plan Amendment and thus the shortages that would occur with its implementation are not known with certainty. However, given that the objectives of the Voluntary Agreement are to provide fishery improvements while protecting water supply through flow and non-flow measures, the RWS supply shortfalls under the Voluntary Agreement would be less than those projected under the Bay-Delta Plan Amendment, and therefore would require water use reductions of a lesser degree than that which would occur under Scenario 1. Because negotiations of a Proposed Voluntary Agreement are not complete, no values are available to explicitly model this scenario.

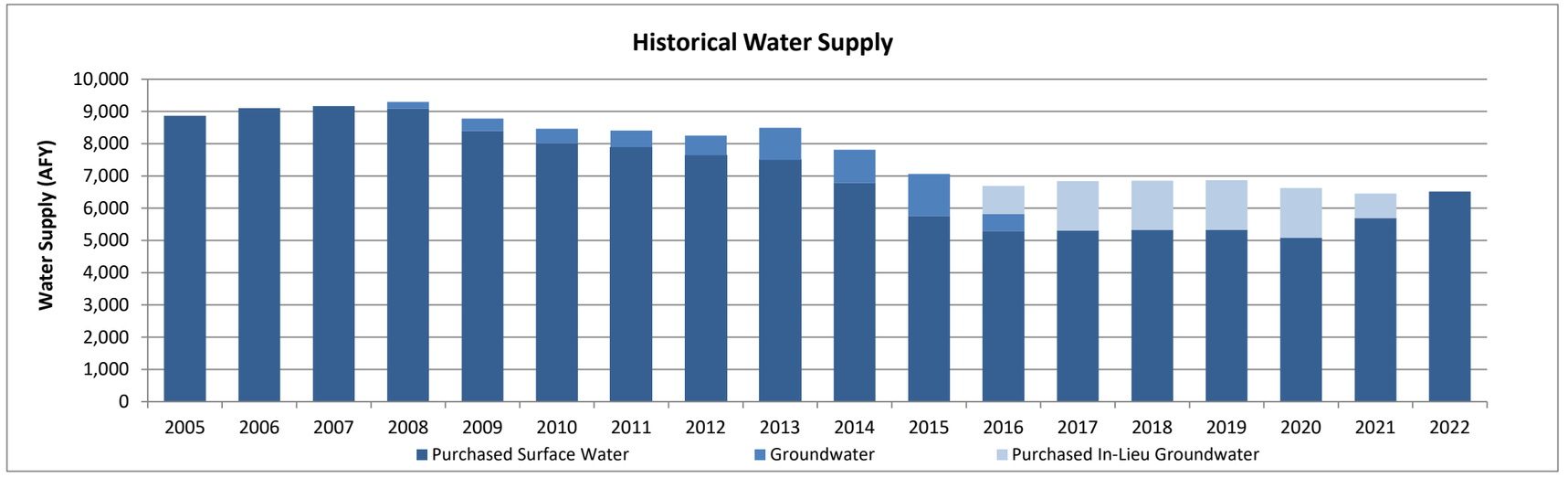
It is anticipated that under this scenario, the SSF District has sufficient water to meet all projected demands in normal years. It is expected that the degree of water use reduction during dry years would also more closely align with the SFPUC's RWS LOS goal of limiting water use reduction to no more than 20% on a system-wide basis in drought years. The SSF District will enact its WSCP to curtail demands and ensure that its supplies remain sufficient to serve all users, including those of the Proposed Project.

Table 6

Historical Water Supply for the South San Francisco District

Infinite 131, City of South San Francisco, California

Source	Historical Water Supply (AFY) (a)(b)																	
	2005	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
Purchased Surface Water	8,869	9,101	9,169	9,086	8,397	8,013	7,892	7,644	7,500	6,787	5,751	5,296	5,308	5,322	5,332	5,089	5,694	6,518
Purchased In-Lieu Groundwater	0	0	0	0	0	0	0	0	0	0	0	863	1,535	1,535	1,535	1,539	761	0
Groundwater	0	0	0	206	380	452	515	606	995	1,028	1,312	527	0	0	0	0	0	0
Total Water Supply	**8,869**	**9,101**	**9,169**	**9,292**	**8,777**	**8,465**	**8,408**	**8,250**	**8,495**	**7,816**	**7,064**	**6,687**	**6,842**	**6,856**	**6,866**	**6,627**	**6,455**	**6,518**



Abbreviations:

"AFY" = acre feet per year

"Cal Water" = California Water Service

"SSF" = South San Francisco

Notes:

(a) Historical water supply for per Reference 1.

(b) Since 2016, the SSF District has derived 100% of its designated quantity of supply from the Westside Basin (Basin) as in-lieu water provided through the Regional Groundwater Storage and Recovery (RGSR). As such the volume of groundwater pumped in Table 6 does not represent actual extractions from the Basin, but rather the combined volume of in-lieu surface water deliveries and extractions from the Basin per Reference 2.

References:

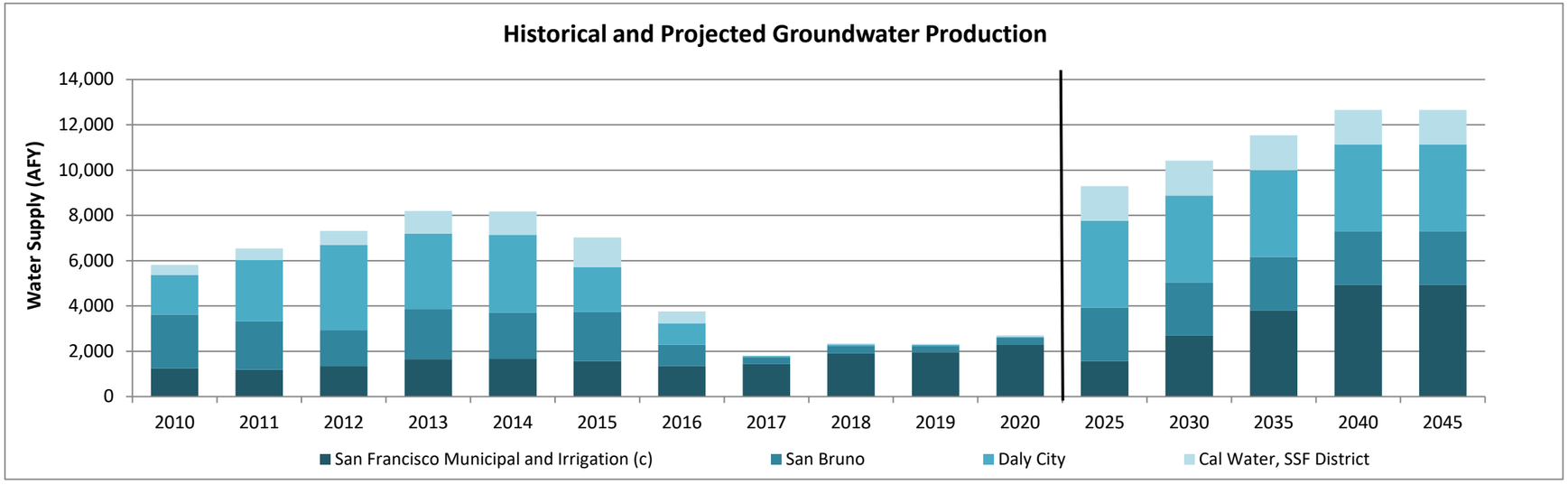
1. Cal Water, 2023b. Historical Demand and Production Data Provided by Cal Water on 11 May 2023.
2. Cal Water, 2021a. 2020 Urban Water Management Plan, South San Francisco District, prepared by California Water Service, dated June 2021.

Table 7

Historical and Projected Groundwater Pumping from the Westside Basin

Infinite 131, City of South San Francisco, California

Water Supplier	Historical Groundwater Production (AFY) (a)											Projected Groundwater Production (AFY) (b)				
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2025	2030	2035	2040	2045
Cal Water, SSF District	453	515	606	995	1,028	1,312	528	0.4	35	31	52	1,534	1,534	1,534	1,534	1,534
Daly City	1,743	2,699	3,772	3,351	3,452	1,980	941	62	59	56	51	3,840	3,840	3,840	3,840	3,840
San Bruno	2,364	2,129	1,596	2,198	2,025	2,164	937	303	333	277	311	2,350	2,350	2,350	2,350	2,350
San Francisco Municipal and Irrigation (c)	1,256	1,197	1,339	1,651	1,672	1,570	1,359	1,435	1,911	1,960	2,286	1,569	2,690	3,811	4,932	4,932
Total Groundwater Supply	**5,816**	**6,540**	**7,313**	**8,195**	**8,177**	**7,026**	**3,765**	**1,800**	**2,338**	**2,324**	**2,700**	**9,293**	**10,414**	**11,535**	**12,656**	**12,656**



Abbreviations:

"AFY" = acre-feet per year

"Cal Water" = California Water Service

"SSF" = South San Francisco District

Notes:

(a) Historical groundwater pumping as reported on Table 1 in Reference 1.

(b) Projected groundwater pumping by the South San Francisco District, City of Daly City, and City of San Bruno is conservatively estimated as the maximum apportionment for each partner agency as dictated by the Regional Groundwater Storage and Recovery Project, per Reference 2.

(c) Projected groundwater pumping by San Francisco Municipal and Irrigation provided per Reference 3.

References:

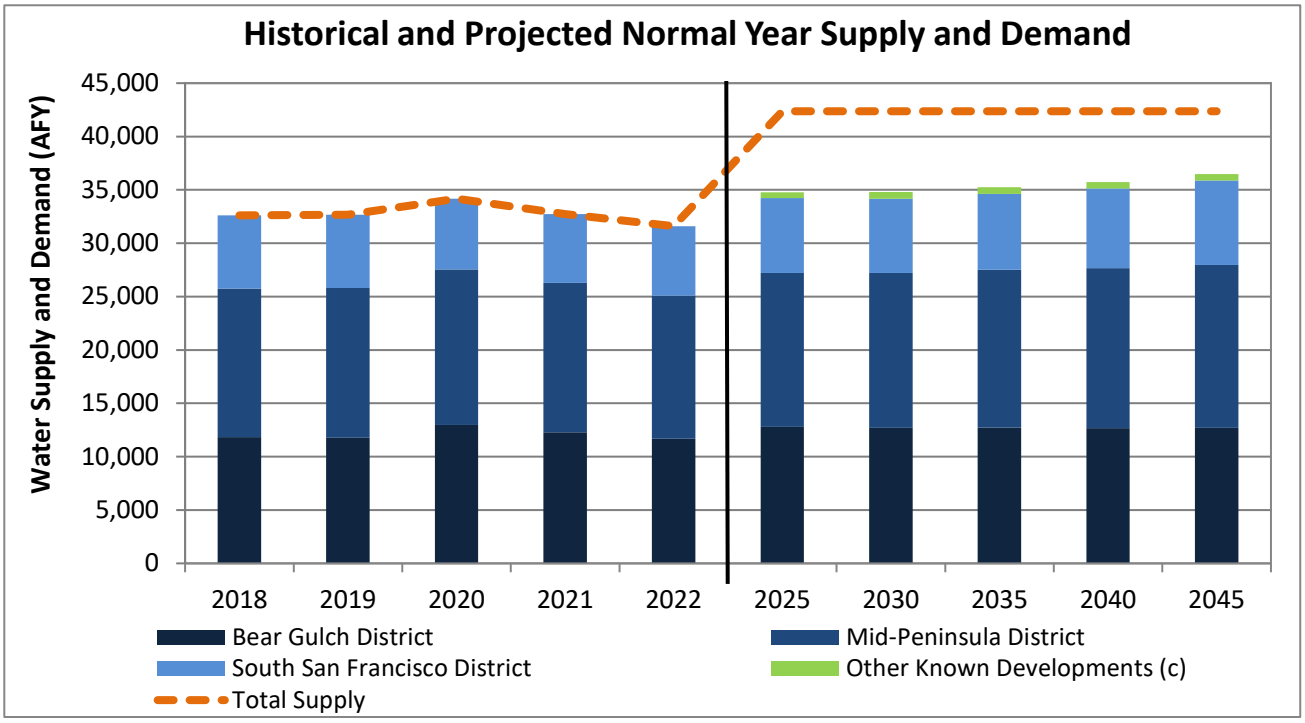
1. SFPUC, 2021a. 2020 Annual Groundwater Monitoring Report, Westside Basin, San Francisco and San Mateo Counties, California prepared by the SFPUC, dated April 2021.
2. SFPUC, 2013. Draft Environmental Impact Report for the San Francisco Public Utilities Commission's Regional Groundwater Storage and Recovery Project, dated April 2013.
3. SFPUC, 2021b. 2020 Urban Water Management Plan for the City and County of San Francisco, prepared by the SFPUC, dated June 2021.

Table 8

Historical and Projected Water Supply and Demand by Source

Infinite 131, City of South San Francisco, California

Supply and Demand	Historical Supply and Demand (AFY)					Projected Supply and Demand (AFY)				
	2018	2019	2020	2021	2022	2025	2030	2035	2040	2045
Historical and Projected Demand (a)										
South San Francisco District	6,856	6,866	6,627	6,455	6,518	7,016	6,956	7,108	7,473	7,896
Proposed Project (b)	--	--	--	--	--	Included in District Demands After Implementation of Development Offset Program				
Mid-Peninsula District	13,924	14,046	14,584	13,990	13,399	14,418	14,530	14,786	14,977	15,279
Bear Gulch District	11,834	11,772	12,972	12,280	11,681	12,796	12,699	12,730	12,675	12,694
Other Known Developments (c)	--	--	--	--	--	537	617	617	617	617
Total Demand	**32,614**	**32,684**	**34,183**	**32,725**	**31,599**	**34,767**	**34,802**	**35,241**	**35,742**	**36,486**
Historical and Projected Supply (All Districts) (d)										
Purchased (SFPUC)	30,910	30,310	32,644	31,964	31,338	39,993	39,993	39,993	39,993	39,993
Bear Gulch Reservoir	170	839	0	0	261	840	840	840	840	840
Groundwater	1,535	1,535	1,539	761	0	1,534	1,534	1,534	1,534	1,534
Total Supply	**32,614**	**32,684**	**34,183**	**32,725**	**31,599**	**42,367**	**42,367**	**42,367**	**42,367**	**42,367**
Supply Minus Demand	***0***	***0***	***0***	***0***	***0***	***7,600***	***7,565***	***7,126***	***6,625***	***5,881***



Abbreviations:

"AFY" = acre-feet per year

"BG" = Bear Gulch

"Cal Water" = California Water Service

"ISG" = Individual Supply Guarantee

"MPS" = Mid-Peninsula

"Proposed Project" = Infinite 131

"SFPUC" = San Francisco Public Utilities Commission

"SSF" = South San Francisco

"UWMP" = Urban Water Management Plan

Table 8

Historical and Projected Water Supply and Demand by Source

Infinite 131, City of South San Francisco, California

Notes:

(a) Cal Water updated its water demand projections for the SSF, BG, and MPS Districts in 2021, per References 1-3. It should be noted that the projected demands for the SSF District have decreased by 527 AFY relative to those reported in the SSF District 2020 UWMP because the Southline Specific Plan Project, which had previously been included in the demand projections for the SSF District, is now expected to comply with the Development Offset Program and will not result in a net increase in demands.

(b) In accordance with and through implementation of Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District.

(c) Demands for other known developments that are not subject to Cal Water's Development Offset Program within the SSF, MPS, and BG Districts can be found in Appendix B.

(d) It should be noted that the jump in total supply capacity from 2022 to 2025 is because the projected water supply is is assumed equal to the supplies available for all three districts during normal hydrologic years, which includes 840 AFY from the BG Reservoir, 1,534 AFY from the SSF wells (per References 2 and 3), and Cal Water's ISG of 39,993 AFY from SFPUC, which is shared among the BG, MPS, and SSF Districts. These projected supply values for normal hydrologic years differ from what is presented in the 2020 UWMPs, which estimate a normal year supply equal to projected demand.

References:

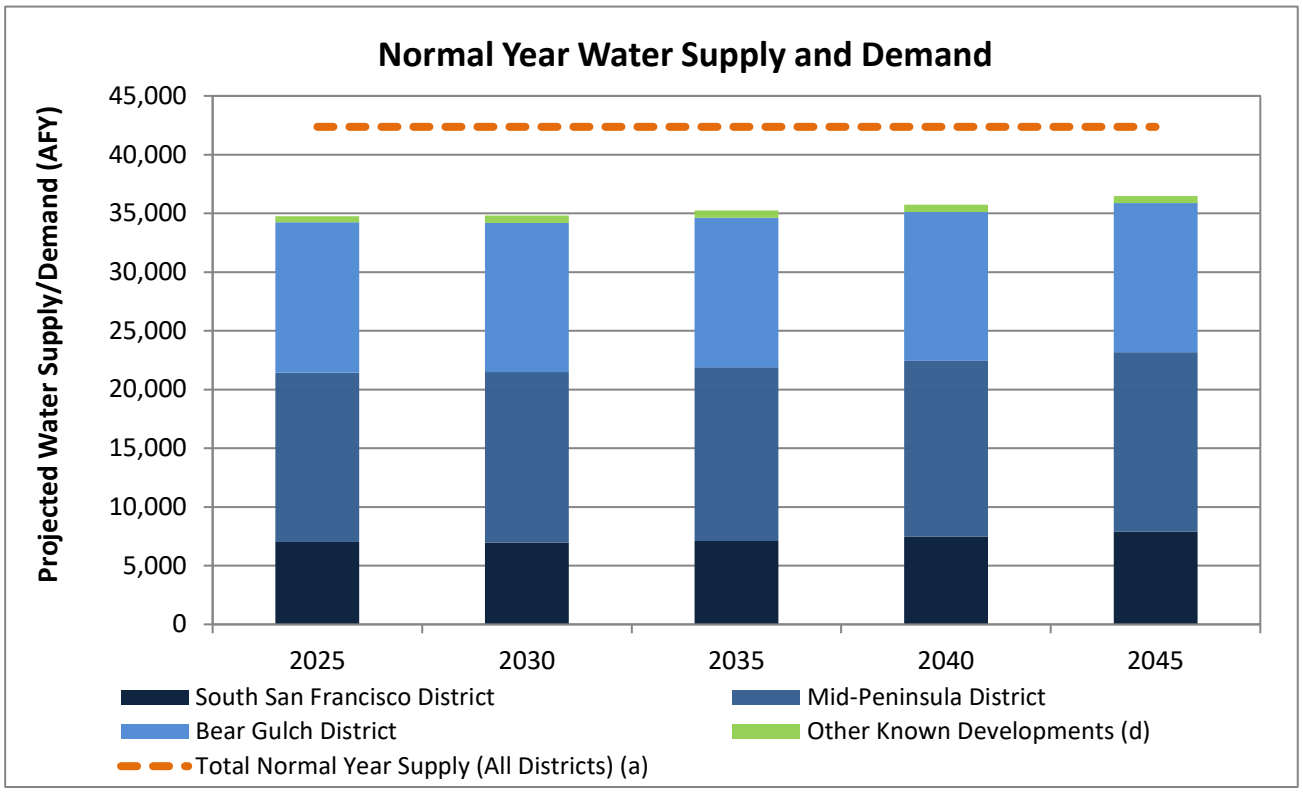
1. Cal Water, 2021c. 2020 Urban Water Management Plan, Mid-Peninsula District, prepared by California Water Service, dated June 2021.
2. Cal Water, 2021a. 2020 Urban Water Management Plan, South San Francisco District, prepared by California Water Service, dated June 2021.
3. Cal Water, 2021b. 2020 Urban Water Management Plan, Bear Gulch District, prepared by California Water Service, dated June 2021.

Table 9

Projected Normal Year Water Supply and Demand

Infinite 131, City of South San Francisco, California

Supply and Demand	Projected Normal Year Supply and Demand (AFY)				
	2025	**2030**	**2035**	**2040**	**2045**
Total Normal Year Supply (All Districts) (a)	42,367	42,367	42,367	42,367	42,367
Demand (b)					
South San Francisco District	7,016	6,956	7,108	7,473	7,896
Proposed Project (c)	-	-	Included in District Demands After Implementation of Development Offset Program		
Mid-Peninsula District	14,418	14,530	14,786	14,977	15,279
Bear Gulch District	12,796	12,699	12,730	12,675	12,694
Other Known Developments (d)	537	617	617	617	617
Total Potable Water Demand Inclusive of Project and Other Known Development	**34,767**	**34,802**	**35,241**	**35,742**	**36,486**
Supply Shortfall (% demand)	***None***	***None***	***None***	***None***	***None***



Abbreviations:

"AFY" = acre-feet per year
"BG" = Bear Gulch
"Cal Water" = California Water Service
"ISG" = Individual Supply Guarantee
"MPS" = Mid-Peninsula
"Proposed Project" = Infinite 131
"SFPUC" = San Francisco Public Utilities Commission
"SSF" = South San Francisco
"UWMP" = Urban Water Management Plan

Table 9

Projected Normal Year Water Supply and Demand

Infinite 131, City of South San Francisco, California

Notes:

(a) Projected supply is assumed equal to the supplies available for all three districts during normal hydrologic years, which includes 840 AFY from the BG Reservoir, 1,534 AFY from the SSF wells (per References 2 and 3), and Cal Water's ISG of 39,993 AFY from SFPUC, which is shared among the BG, MPS, and SSF Districts. These projected supply values for normal hydrologic years differ from what is presented in the 2020 UWMPs, which estimate a normal year supply equal to projected demand.

(b) Cal Water updated its water demand projections for the SSF, BG, and MPS Districts in 2021, per References 1-3. It should be noted that the projected demands for the SSF District have decreased by 527 AFY relative to those reported in the SSF District 2020 UWMP because the Southline Specific Plan Project, which had previously been included in the demand projections for the SSF District, is now expected to comply with Cal Water's Development Offset Program and will not result in a net increase in demands.

(c) In accordance with and through implementation of Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District.

(d) Demands for other known developments that are not subject to Cal Water's Development Offset Program within the SSF, MPS, and BG Districts can be found in Appendix B.

References:

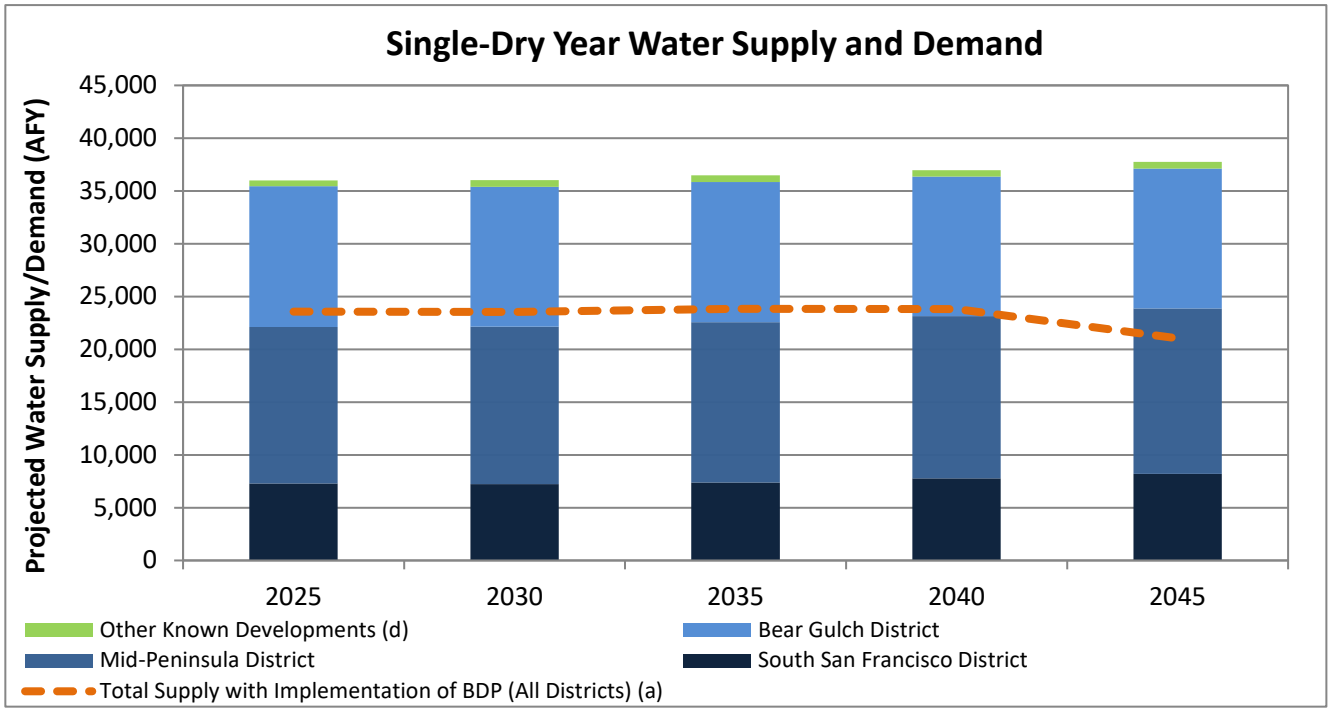
1. Cal Water, 2021c. 2020 Urban Water Management Plan, Mid-Peninsula District, prepared by California Water Service, dated June 2021.
2. Cal Water, 2021a. 2020 Urban Water Management Plan, South San Francisco District, prepared by California Water Service, dated June 2021.
3. Cal Water, 2021b. 2020 Urban Water Management Plan, Bear Gulch District, prepared by California Water Service, dated June 2021.

Table 10a

Scenario 1: Projected Single Dry Year Water Supply and Demand with Implementation of the Bay-Delta Plan Amendment

Infinite 131, City of South San Francisco, California

Supply and Demand	Projected Single Dry Year Supply and Demand (AFY)				
	2025	**2030**	**2035**	**2040**	**2045**
Total Supply with Implementation of BDP (All Districts) (a)	23,580	23,546	23,835	23,809	21,039
Demand (b)					
South San Francisco District	7,304	7,240	7,398	7,777	8,216
Proposed Project (c)	-	-	Included in District Demands After Implementation of Development Offset Program		
Mid-Peninsula District	14,797	14,908	15,168	15,359	15,662
Bear Gulch District	13,354	13,253	13,285	13,228	13,248
Other Known Developments (d)	537	617	617	617	617
Total Potable Water Demand Inclusive of Project and Other Known Development	**35,992**	**36,018**	**36,468**	**36,981**	**37,743**
Supply Shortfall (% demand)	***34%***	***35%***	***35%***	***36%***	***44%***



Abbreviations:

"AFY" = acre-feet per year

"BAWSCA" = Bay Area Water Supply and Conservation Agency

"BDP" = Bay-Delta Plan Amendment

"BG" = Bear Gulch

"Cal Water" = California Water Service

"MPS" = Mid-Peninsula

"Proposed Project" = Infinite 131

"SFPUC" = San Francisco Public Utilities Commission

"SSF" = South San Francisco

"UWMP" = Urban Water Management Plan

Table 10a

Scenario 1: Projected Single Dry Year Water Supply and Demand with Implementation of the Bay-Delta Plan Amendment

Infinite 131, City of South San Francisco, California

Notes:

(a) Projected supply is inclusive of supplies available for all three districts that share the same contractual allocation of water from SFPUC, per References 1-3. The projected purchase volumes are based on having full local supply (i.e., 1,534 AFY) from the South San Francisco wells. Although local surface water diversions in the BG District (and subsequent treatment and use of local surface water) have occurred historically during dry years, the BG District conservatively assumes that local surface water supplies will be zero during single dry and multiple dry years over the planning horizon, per Reference 3. Projected SFPUC supply is based on dry year allocation projections included in the SSF, BG, and MPS District 2020 Urban Water Management Plans based on the methodology, assumptions and information utilized and provided by SFPUC and BAWSCA; however, actual future supply allocations may vary based on actual shortage levels and the then-applicable allocation methodology being applied by BAWSCA and SFPUC.

(b) Cal Water updated its water demand projections for the SSF, BG, and MPS Districts in 2021, per References 1-3. It should be noted that the projected demands for the SSF District have decreased by 527 AFY relative to those reported in the SSF District 2020 Urban Water Management Plan because the Southline Specific Plan Project, which had previously been included in the demand projections for the SSF District, is now expected to comply with Cal Water's Development Offset Program and will not result in a net increase in demands.

(c) In accordance with and through implementation of Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District.

(d) Demands for other known developments that are not subject to Cal Water's Development Offset Program within the SSF, MPS, and BG Districts can be found in Appendix B.

References:

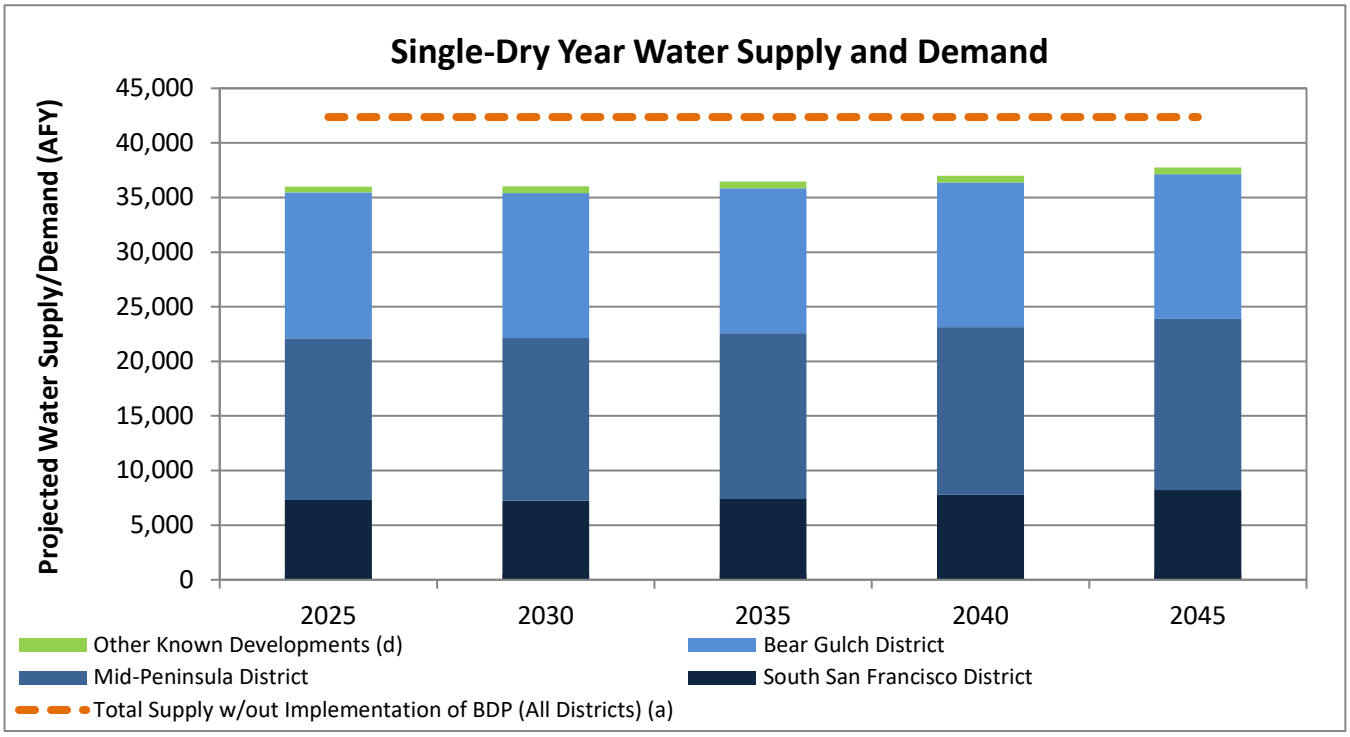
1. Cal Water, 2021c. 2020 Urban Water Management Plan, Mid-Peninsula District, prepared by California Water Service, dated June 2021.
2. Cal Water, 2021a. 2020 Urban Water Management Plan, South San Francisco District, prepared by California Water Service, dated June 2021.
3. Cal Water, 2021b. 2020 Urban Water Management Plan, Bear Gulch District, prepared by California Water Service, dated June 2021.

Table 10b

Scenario 2: Projected Single Dry Year Water Supply and Demand without Implementation of the Bay-Delta Plan Amendment

Infinite 131, City of South San Francisco, California

Supply and Demand	Projected Single Dry Year Supply and Demand (AFY)				
	2025	**2030**	**2035**	**2040**	**2045**
Total Supply w/out Implementation of BDP (All Districts) (a)	42,367	42,367	42,367	42,367	42,367
Demand (b)					
South San Francisco District	7,304	7,240	7,398	7,777	8,216
Proposed Project (c)	-	-	Included in District Demands After Implementation of Development Offset Program		
Mid-Peninsula District	14,797	14,908	15,168	15,359	15,662
Bear Gulch District	13,354	13,253	13,285	13,228	13,248
Other Known Developments (d)	537	617	617	617	617
Total Potable Water Demand Inclusive of Project and Other Known Development	**35,992**	**36,018**	**36,468**	**36,981**	**37,743**
Supply Shortfall (% demand)	***None***	***None***	***None***	***None***	***None***



Abbreviations:

"AFY" = acre-feet per year

"BAWSCA" = Bay Area Water Supply and Conservation Agency

"BDP" = Bay-Delta Plan Amendment

"BG" = Bear Gulch

"Cal Water" = California Water Service

"MPS" = Mid-Peninsula

"Proposed Project" = Infinite 131

"SFPUC" = San Francisco Public Utilities Commission

"SSF" = South San Francisco

"UWMP" = Urban Water Management Plan

Table 10b

Scenario 2: Projected Single Dry Year Water Supply and Demand without Implementation of the Bay-Delta Plan Amendment

Infinite 131, City of South San Francisco, California

Notes:

(a) Water supply available to the Peninsula Districts during single dry years is based on dry year allocation projections if the BDP is not adopted, based on the methodology, assumptions and information utilized and provided by SFPUC and BAWSCA per Table N in Reference 1.

(b) Cal Water updated its water demand projections for the SSF, BG, and MPS Districts in 2021, per References 2-4. It should be noted that the projected demands for the SSF District have decreased by 527 AFY relative to those reported in the SSF District 2020 UWMP because the Southline Specific Plan Project, which had previously been included in the demand projections for the SSF District, is now expected to comply with Cal Water's Development Offset Program and will not result in a net increase in demands.

(c) In accordance with and through implementation of Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District.

(d) Demands for other known developments that are not subject to Cal Water's Development Offset Program within the SSF, MPS, and BG Districts can be found in Appendix B.

References:

1. SFPUC Regional Water System Supply Reliability and BAWSCA Tier 2 Drought Implementation Scenarios, Updated Drought Allocations, dated 1 April 2021.
2. Cal Water, 2021c. 2020 Urban Water Management Plan, Mid-Peninsula District, prepared by California Water Service, dated June 2021.
3. Cal Water, 2021a. 2020 Urban Water Management Plan, South San Francisco District, prepared by California Water Service, dated June 2021.
4. Cal Water, 2021b. 2020 Urban Water Management Plan, Bear Gulch District, prepared by California Water Service, dated June 2021.

Table 11a

Scenario 1: Projected Multiple Dry Year Water Supply and Demand with Implementation of the Bay-Delta Plan Amendment

Infinite 131, City of South San Francisco, California

Supply and Demand	Projected Water Supply and Demand During Multiple Dry Years (AFY) (a)																								
	2025					2030					2035					2040					2045				
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5
Total Supply with Implementation of BDP (All Districts) (b)	23,615	20,492	20,492	20,492	20,492	23,483	20,383	20,383	20,383	20,383	23,647	20,313	20,313	20,313	18,849	23,762	20,594	20,594	18,424	18,424	20,954	20,954	20,954	18,061	18,061
Demand (c)																									
South San Francisco District	7,482	7,482	7,482	7,482	7,482	7,416	7,416	7,416	7,416	7,416	7,577	7,577	7,577	7,577	7,577	7,965	7,965	7,965	7,965	7,965	8,413	8,413	8,413	8,413	8,413
Proposed Project (d)	-	-	-	-	-	-	-	-	-	-	Included in District Demands After Implementation of Development Offset Program														
Mid-Peninsula District	15,031	15,031	15,031	15,031	15,031	15,143	15,143	15,143	15,143	15,143	15,405	15,405	15,405	15,405	15,405	15,595	15,595	15,595	15,595	15,595	15,900	15,900	15,900	15,900	15,900
Bear Gulch District	13,699	13,699	13,699	13,699	13,699	13,595	13,595	13,595	13,595	13,595	13,629	13,629	13,629	13,629	13,629	13,570	13,570	13,570	13,570	13,570	13,591	13,591	13,591	13,591	13,591
Other Known Developments (e)	537	537	537	537	537	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617
Total Potable Water Demand Inclusive of Project and Other Known Development	**36,749**	**36,749**	**36,749**	**36,749**	**36,749**	**36,771**	**36,771**	**36,771**	**36,771**	**36,771**	**37,228**	**37,228**	**37,228**	**37,228**	**37,228**	**37,747**	**37,747**	**37,747**	**37,747**	**37,747**	**38,521**	**38,521**	**38,521**	**38,521**	**38,521**
Supply Shortfall (% demand)	***36%***	***44%***	***44%***	***44%***	***44%***	***36%***	***45%***	***45%***	***45%***	***45%***	***36%***	***45%***	***45%***	***45%***	***49%***	***37%***	***45%***	***45%***	***51%***	***51%***	***46%***	***46%***	***46%***	***53%***	***53%***

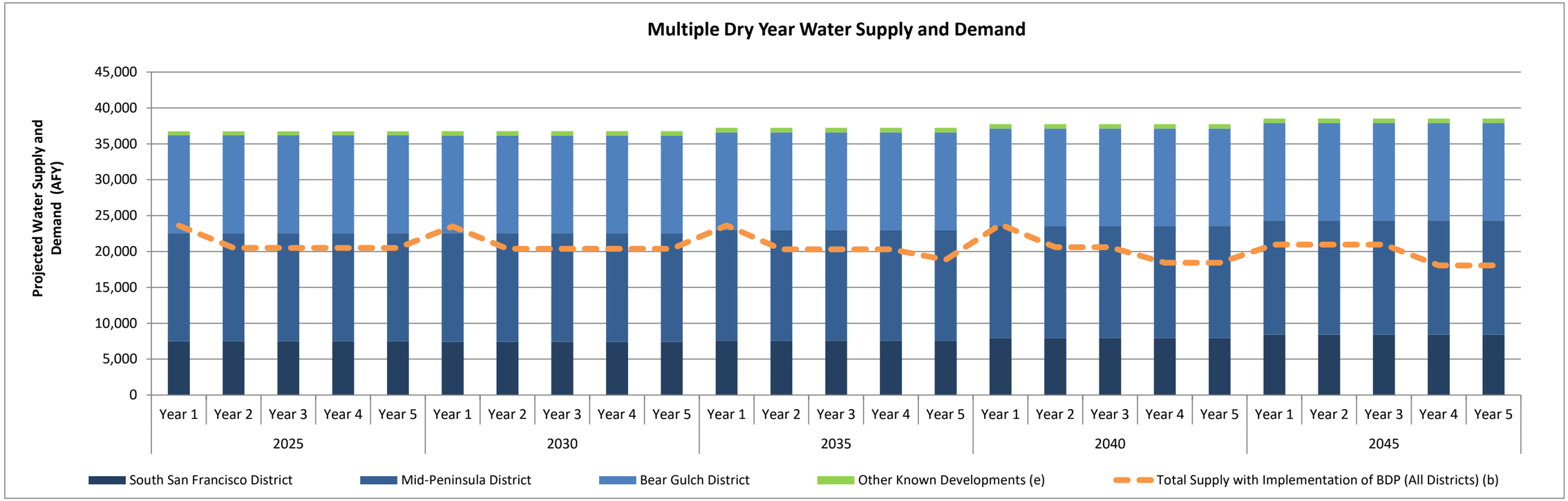


Table 11a

Scenario 1: Projected Multiple Dry Year Water Supply and Demand with Implementation of the Bay-Delta Plan Amendment

Infinite 131, City of South San Francisco, California

Abbreviations:

"AFY" = acre-feet per year
"BAWSCA" = Bay Area Water Supply and Conservation Agency
"BDP" = Bay-Delta Plan Amendment
"BG" = Bear Gulch
"Cal Water" = California Water Service
"MPS" = Mid-Peninsula
"Proposed Project" = Infinite 131
"SFPUC" = San Francisco Public Utilities Commission
"SSF" = South San Francisco
"UWMP" = Urban Water Management Plan
"WSA" = Water Supply Assessment

Notes:

(a) While WSA regulations only require an analysis of a three-year drought scenario, UWMP regulations were updated in 2018 to include a five-year drought scenario (California Water Code §10635), Therefore, a five-year drought scenario is presented here.

(b) Projected supply is inclusive of supplies available for all three districts that share the same contractual allocation of water from SFPUC, per References 1-3. The projected purchase volumes are based on having full local supply (i.e., 1,534 AFY) from the SSF wells. Although local surface water diversions in the BG District (and subsequent treatment and use of local surface water) have occurred historically during dry years, the BG District conservatively assumes that local surface water supplies will be zero during single dry and multiple dry years over the planning horizon, per Reference 3. Projected SFPUC supply is based on dry year allocation projections included in the SSF, BG, and MPS District 2020 UWMPs based on the methodology, assumptions and information utilized and provided by SFPUC and BAWSCA; however, actual future supply allocations may vary based on actual shortage levels and the then-applicable allocation methodology being applied by BAWSCA and SFPUC.

(c) Cal Water updated its water demand projections for the SSF, BG, and MPS Districts in 2021, per References 1-3. It should be noted that the projected demands for the SSF District have decreased by 527 AFY relative to those reported in the SSF District 2020 UWMP because the Southline Specific Plan Project, which had previously been included in the demand projections for the SSF District, is now expected to comply with the Development Offset Program and will not result in a net increase in demands.

(d) In accordance with and through implementation of Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District.

(e) Demands for other known developments that are not subject to Cal Water's Development Offset Program within the SSF, MPS, and BG Districts can be found in Appendix B.

References:

1. Cal Water, 2021c. 2020 Urban Water Management Plan, Mid-Peninsula District, prepared by California Water Service, dated June 2021.
2. Cal Water, 2021a. 2020 Urban Water Management Plan, South San Francisco District, prepared by California Water Service, dated June 2021.
3. Cal Water, 2021b. 2020 Urban Water Management Plan, Bear Gulch District, prepared by California Water Service, dated June 2021.

Table 11b

Scenario 2: Projected Multiple Dry Year Water Supply and Demand without Implementation of the Bay-Delta Plan Amendment

Infinite 131, City of South San Francisco, California

Supply and Demand	Projected Water Supply and Demand During Multiple Dry Years (AFY) (a)																								
	2025					2030					2035					2040					2045				
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5
Total Supply w/out Implementation of BDP (All Districts) (b)	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	42,367	33,014	33,014
Demand (c)																									
South San Francisco District	7,482	7,482	7,482	7,482	7,482	7,416	7,416	7,416	7,416	7,416	7,577	7,577	7,577	7,577	7,577	7,965	7,965	7,965	7,965	7,965	8,413	8,413	8,413	8,413	8,413
Proposed Project (d)	-	-	-	-	-	-	-	-	-	-	Included in District Demands After Implementation of Development Offset Program														
Mid-Peninsula District	15,031	15,031	15,031	15,031	15,031	15,143	15,143	15,143	15,143	15,143	15,405	15,405	15,405	15,405	15,405	15,595	15,595	15,595	15,595	15,595	15,900	15,900	15,900	15,900	15,900
Bear Gulch District	13,699	13,699	13,699	13,699	13,699	13,595	13,595	13,595	13,595	13,595	13,629	13,629	13,629	13,629	13,629	13,570	13,570	13,570	13,570	13,570	13,591	13,591	13,591	13,591	13,591
Other Known Developments (e)	537	537	537	537	537	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617
Total Potable Water Demand Inclusive of Project and Other Known Development	**36,749**	**36,749**	**36,749**	**36,749**	**36,749**	**36,771**	**36,771**	**36,771**	**36,771**	**36,771**	**37,228**	**37,228**	**37,228**	**37,228**	**37,228**	**37,747**	**37,747**	**37,747**	**37,747**	**37,747**	**38,521**	**38,521**	**38,521**	**38,521**	**38,521**
Supply Shortfall (% demand)	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***None***	***14%***	***14%***

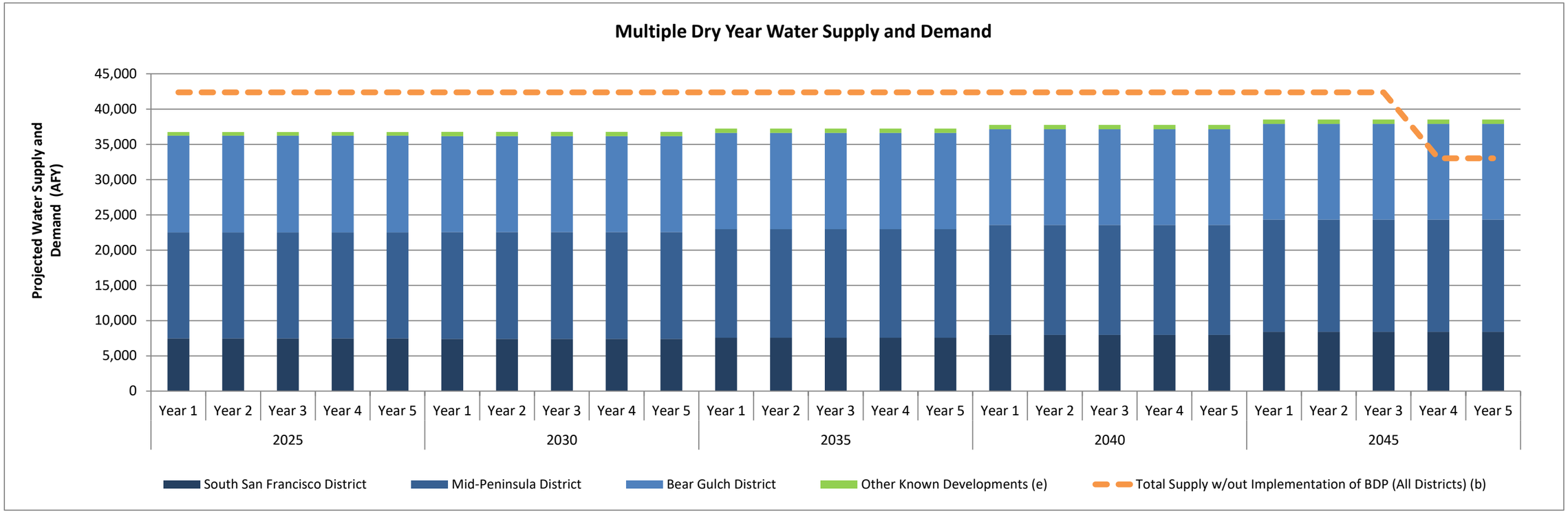


Table 11b

Scenario 2: Projected Multiple Dry Year Water Supply and Demand without Implementation of the Bay-Delta Plan Amendment

Infinite 131, City of South San Francisco, California

Abbreviations:

"AFY" = acre-feet per year
"BAWSCA" = Bay Area Water Supply and Conservation Agency
"BDP" = Bay-Delta Plan Amendment
"BG" = Bear Gulch
"Cal Water" = California Water Service
"MPS" = Mid-Peninsula
"Proposed Project" = Infinite 131
"SFPUC" = San Francisco Public Utilities Commission
"SSF" = South San Francisco
"UWMP" = Urban Water Management Plan
"WSA" = Water Supply Assessment

Notes:

(a) While WSA regulations only require an analysis of a three-year drought scenario, UWMP regulations were updated in 2018 to include a five-year drought scenario (California Water Code §10635), Therefore, a five-year drought scenario is presented here.
(b) Projected supply is based on dry year allocation projections if the BDP is not adopted, based on the methodology, assumptions and information utilized and provided by SFPUC and BAWSCA per Tables N and O2 in Reference 1. Supply allocations in the fourth- and fifth- year drought in 2045 represent the BG, MPS, and SSF Tier Two drought cutbacks.
(c) Cal Water updated its water demand projections for the SSF, BG, and MPS Districts in 2021, per References 2-4. It should be noted that the projected demands for the SSF District have decreased by 527 AFY relative to those reported in the SSF District 2020 UWMP because the Southline Specific Plan Project, which had previously been included in the demand projections for the SSF District, is now expected to comply with the Development Offset Program and will not result in a net increase in demands.
(d) In accordance with and through implementation of Cal Water's Development Offset Program, the Proposed Project will not result in a net increase in demands for the SSF District.
(e) Demands for other known developments that are not subject to Cal Water's Development Offset Program within the SSF, MPS, and BG Districts can be found in Appendix B.

References:

1. SFPUC Regional Water System Supply Reliability and BAWSCA Tier 2 Drought Implementation Scenarios, Updated Drought Allocations, dated 1 April 2021
2. Cal Water, 2021c. 2020 Urban Water Management Plan, Mid-Peninsula District, prepared by California Water Service, dated June 2021.
3. Cal Water, 2021a. 2020 Urban Water Management Plan, South San Francisco District, prepared by California Water Service, dated June 2021.
4. Cal Water, 2021b. 2020 Urban Water Management Plan, Bear Gulch District, prepared by California Water Service, dated June 2021.

7 COMPARISON OF SUPPLY AND DEMAND

☑ ***CWC § 10910 (c)(3)***

If the projected water demand associated with the proposed project was not accounted for in the most recently adopted urban water management plan, or the public water system has no urban water management plan, the water supply assessment for the project shall include a discussion with regard to whether the public water system's total projected water supplies available during normal, single dry, and multiple dry water years during a 20-year projection will meet the projected water demand associated with the proposed project, in addition to the public water system's existing and planned future uses, including agricultural and manufacturing uses.

☑ ***CWC § 10911 (a)***

If, as a result of its assessment, the public water system concludes that its water supplies are, or will be, insufficient, the public water system shall provide to the city or county its plans for acquiring additional water supplies, setting forth the measures that are being undertaken to acquire and develop those water supplies. If the city or county, if either is required to comply with this part pursuant to subdivision (b), concludes as a result of its assessment, that water supplies are, or will be, insufficient, the city or county shall include in its water supply assessment its plans for acquiring additional water supplies, setting forth the measures that are being undertaken to acquire and develop those water supplies. Those plans may include, but are not limited to, information concerning all of the following:

(1) The estimated total costs, and the proposed method of financing the costs, associated with acquiring the additional water supplies.

(2) All federal, state, and local permits, approvals, or entitlements that are anticipated to be required in order to acquire and develop the additional water supplies.

(3) Based on the considerations set forth in paragraphs (1) and (2), the estimated timeframes within which the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), expects to be able to acquire additional water supplies.

☑ ***CWC § 10911 (c)***

The city or county may include in any environmental document an evaluation of any information included in that environmental document provided pursuant to subdivision (b). The city or county shall determine, based on the entire record, whether projected water supplies will be sufficient to satisfy the demands of the project, in addition to existing and planned future uses. If the city or county determines that water supplies will not be sufficient, the city or county shall include that determination in its findings for the project.

Pursuant to CWC §10910(c)(3), this WSA must include an estimate of the projected water supplies available to the SSF District under normal, single dry, and multiple dry years, and a discussion of whether those supplies will meet the projected demand associated with the Proposed Project, in addition to the water system's existing and planned future uses. This assessment is parallel to the multiple dry year supply reliability analysis required for UWMPs under CWC §10635. In 2018, CWC §10635 was revised to require UWMPs to extend this analysis to consider "a drought lasting five consecutive water years." Although CWC §10910(c)(3) has not yet been updated to require this for WSAs, a five-year drought scenario is also evaluated herein. However, as discussed in Section 5, with the implementation of Cal Water's Development Offset Program, the Proposed Project is expected to result in no net increase in water demands to Cal Water's SSF District.

Table 9 through **Table 11b** provide a comparison of the demands and supplies in normal year, single-dry year, and multiple dry year hydrologic scenarios for the SSF, Bear Gulch, and Mid-Peninsula Districts under: (1) implementation of the Bay-Delta Plan Amendment scenario (Scenario 1) and (2) without implementation of the Bay-Delta Plan Amendment or the Proposed Voluntary Agreement scenario (Scenario 2). Because negotiations of a Proposed Voluntary Agreement are not complete, no values are available to explicitly model Scenario 3.

It is projected that available water supplies will be sufficient to meet the demands under normal year hydrologic conditions through 2045, inclusive of the Proposed Project under all scenarios.

Under Scenario 1, shortfalls of up to 53% are possible in drought periods representing, as discussed above, the "worst-case" supply scenario is realized in which the Bay-Delta Plan Amendment is implemented as written, and not accounting for the implementation of actions identified as part of the Settlement Agreement, SFPUC's AWSP, BAWSCA's 2015 Strategy, or Cal Water's WSRS. As discussed in Section 6.1.1.4, Cal Water is working independently and with the other BAWSCA agencies to identify regional mitigation measures to improve reliability for regional and local water supplies and meet its customers' water needs. As a result, Cal Water expects that SFPUC's LOS Goals and Objectives will be met and is comfortable assuming its contract with SFPUC will be honored as written. Thus, any dry year shortfalls would be expected to be lower than those shown in **Table 10a** and **Table 11a**.

Under Scenario 2, in which the Bay-Delta Plan Amendment or the Proposed Voluntary Agreement are not implemented, the three Peninsula Districts will have sufficient supply to meet the demands in all year types through 2040 and would only anticipate a supply shortfall of 14% during the fourth and fifth year of a multi-year drought by 2045 as shown in **Table 11b**.

Under Scenario 3, it is anticipated that the degree of water use reduction during dry years would also more closely align with the SFPUC's RWS LOS goal of limiting water use reduction to no more than 20% on a system-wide basis in drought years. However, as above, because negotiations of a Proposed Voluntary Agreement are not complete, no values are available to explicitly model Scenario 3.

As described in Section 6, in response to anticipated future dry-year shortfalls, Cal Water has developed a WSCP that systematically identifies ways in which the SSF District can reduce water demands during dry years. The overall reduction goals in the WSCP are established for six drought stages ranging from 10% to greater than 50% shortfalls.

The SFPUC RWS has historically met demand in its service area in all year types, and prior to 2021, only called for voluntary 10% rationing during 2007 to 2009 and 2014 to 2015. Although the SSF District has not experienced any shortage of RWS deliveries, during the 2015/2016 drought, it was subject to the SWRCB's mandatory water reduction target at 8% between June 2015 and

May 2016.[19] During this period, the SSF District surpassed its reduction targets in each month and achieved an average water demand reduction of 20% compared to its water use in 2013 (SWRCB, 2016). The Mid-Peninsula and Bear Gulch Districts were required to reduce water use by 16% and 36%, respectively, and through May 2016 exceeded their targets with cumulative reductions of 24.1% and 36.7%, respectively (SWRCB, 2016). On 24 May 2022, in response to Governor Newsom's Executive Order N-7-22 and calls for water conservation from the SWRCB, the SFPUC entered into Level 2 of its WSCP, resulting in a voluntary water use reduction goal of 11%. However, as of 5 June 2023, the SWRCB no longer requires water agencies to remain in Level 2 of their WSCPs (SWRCB, 2023).

While the SFPUC RWS reliability is constrained by hydrology, physical facilities, institutional parameters including state and federal regulations, the SFPUC is implementing both capital improvement and planning processes to enhance RWS reliability and meet its contractual commitment to Wholesale Customers through 2045 (see SFPUC memorandum included as **Appendix D**). Within and outside the RWS, BAWSCA is also leading multiple efforts to develop additional water supply for its member agencies through implementation of its 2015 Strategy and development of its Strategy 2050 update.

Cal Water is also striving to increase the water supply portfolio for the SSF, Mid-Peninsula, and Bear Gulch Districts through: (1) investment in water conservation, (2) participation in the RGSR Project and the regional water recycling project (i.e., Potable Reuse Exploratory Plan [PREP]), and (3) development of a regional WSRS using integrated resource planning practices to create a long-term supply reliability strategy through 2050 for Cal Water districts in the Bay Area, among other things as described in the 2020 UWMPs for each District. As described above, the three Peninsula Districts share access to Cal Water's SFPUC supply and, as such, any supply added to one of these Districts will benefit the others.

[19] On 5 May 2015, the SWRCB adopted Resolution 2015-0032 that mandates minimum actions by water suppliers and their customers to conserve water supplies into 2016 and assigned a mandatory water conservation goal to each water supplier based on their R-GPCD. The Resolution was adopted pursuant to Executive Order B-29-15 that directed SWRCB to impose mandatory restrictions on urban water suppliers to achieve a statewide 25% reduction in potable urban water usage to address California's severe drought conditions. Based on its R-GPCD, SSF District was required to reduce water use by 8% relative to its 2013 water use. The Mid-Peninsula and Bear Gulch Districts were required to reduce water use by 16% and 36%, respectively. All three Peninsula Districts exceeded their mandatory savings targets by May 2016.

8 CONCLUSIONS

As listed in CWC §10910(c)(4), the primary purpose of this WSA is to evaluate whether sufficient water supply is available to meet all future water demands within the water supplier's service area, including those associated with the Proposed Project, during normal and dry hydrologic years for a 20-year time horizon.

As described in Section 4, the net water demand of the Proposed Project (i.e., estimated at 345 AFY at buildout) has been conservatively estimated, and as discussed in Section 4.8, due to implementation of Cal Water's Development Offset Program, the Proposed Project is not expected to result in a net increase in water demands to Cal Water's SSF District. The findings of this WSA are contingent on the Proposed Project's compliance with the requirements included in Cal Water's Development Offset Program.

It should be noted that if the "worst-case" supply scenario (Scenario 1) described under Section 6.1.1.2 in which the Bay-Delta Plan Amendment is implemented as written and not accounting for the implementation of actions identified as part of the Settlement Agreement, SFPUC's AWSP, BAWSCA's 2015 Strategy, or Cal Water's WSRS, shortfalls of up to 53% are projected during drought years. However, as described in Section 6.1.1, Cal Water expects that SFPUC's LOS Goals will be met and is comfortable assuming its contract with SFPUC will be honored as written. If drought conditions should arise, Cal Water will meet its demands through the implementation of its WSCP, as described in Section 7. In addition, Cal Water, through local and regional efforts, is striving to increase its water supply portfolio for the SSF District and the other two Peninsula Districts.

This WSA concludes that, through supply augmentation and implementation of demand management measures equal to the Proposed Project's estimated net new demands consistent with Cal Water's Development Offset Program, the Proposed Project will not affect water supply reliability within the SSF District. Based on currently available information and conservative estimates of projected demand, Cal Water expects to be able to meet all future demands within its existing SSF District service area (as well as the Mid-Peninsula and Bear Gulch Districts), inclusive of the Proposed Project, in normal hydrologic years. The shortfalls that are currently projected during dry years will be addressed through planned implementation of the SSF District WSCP. In addition, as described herein and in Cal Water's 2020 UWMP, BAWSCA, Cal Water, and SFPUC are pursuing the development of additional water supplies to improve the RWS and SSF District supply reliability.

9 REFERENCES

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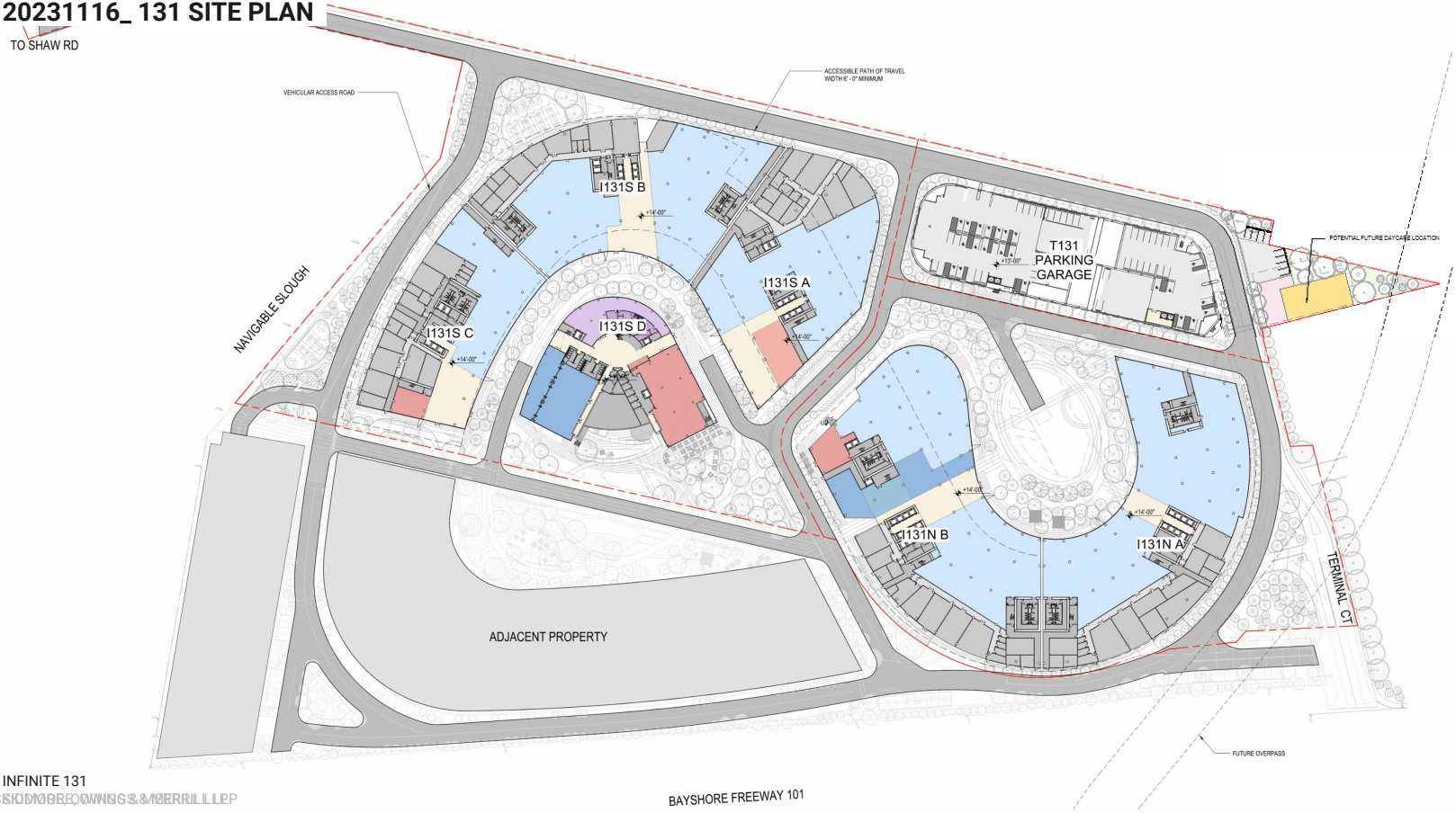
Appendix A

20231116_131 Site Plan, received 14 December 2023

20231116_ 131 SITE PLAN



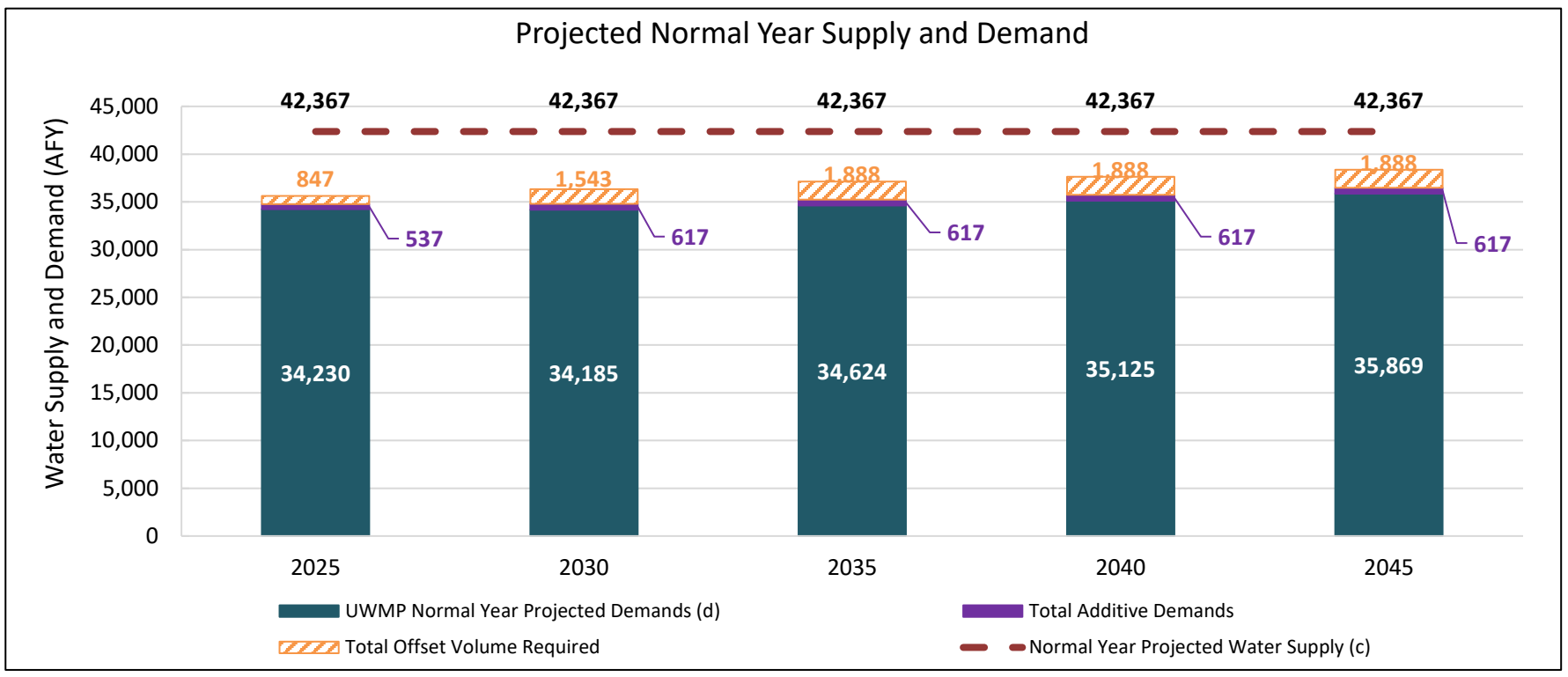
Appendix B

Summary of Known Developments and their Cumulative Impacts in the Three Peninsula Districts

Appendix B

Summary of Known Developments and their Cumulative Impacts in the Three Peninsula Districts

Supply and Demand	WSA Completion Date (a)	Net Annual Water Supply and Demand (AFY) (b)					Included in UWMP Demand Projections	Subject to Offset Program	Additive Demand (AFY)	Offset Volume Required (AFY) (g)
		2025	2030	2035	2040	2045				
Normal Year Projected Water Supply (c)	--	42,367	42,367	42,367	42,367	42,367	--	--	--	--
UWMP Normal Year Projected Demands (d)	--	34,230	34,185	34,624	35,125	35,869	--	--	--	--
South San Francisco District										
South San Francisco Downtown Station	Jun 2014	278	278	278	278	278	Yes	No	0	0
Oyster Point Development	Aug 2017	245	245	245	245	245	Yes	No	0	0
2017 Genentech Master Plan Update	Nov 2017	296	296	296	296	296	Yes	No	0	0
201 Haskins Way	Sep 2018	52	52	52	52	52	Yes	No	0	0
South San Francisco SFPUC Site	May 2019	214	214	214	214	214	Yes	No	0	0
Southline Specific Plan (e)	Dec 2021	557	557	557	557	557	Yes	Yes	0	557
121 East Grand Avenue	Aug 2022	0	182	182	182	182	No	Yes	0	182
800 Dubuque Avenue	Nov 2022	0	137	137	137	137	No	Yes	0	137
Healthpeak Vantage	Mar 2023	226	229	229	229	229	No	Yes	0	229
Infinite 101	Sept 2023	0	144	144	144	144	No	Yes	0	144
573 Forbes Boulevard	Oct 2023	43	43	43	43	43	No	No	43	0
439 Eccles Avenue	Feb 2024	0	39	39	39	39	No	No	39	0
691 & 695 Gateway Boulevard	In-Progress	0	94	94	94	94	No	Yes	0	94
Infinite 131	In-Progress	0	0	345	345	345	No	Yes	0	345
Mid-Peninsula District										
Alexandria District for Science and Technology	Sep 2022	64	200	200	200	200	No	Yes	0	200
803-851 Old County Road	Oct 2022	46	46	46	46	46	No	No	46	0
789 Old County Road/1026 Bransten	Jul 2023	0	41	41	41	41	No	No	41	0
Bear Gulch District										
Menlo Park Housing Element Update (f)	Sep 2022	448	448	448	448	448	No	No	448	0
								Total	**617**	**1,888**



Abbreviations:

"AFY" = acre-feet per year
"BG" = Bear Gulch
"EKI" = EKI Environment & Water, Inc.
"ISG" = Individual Supply Guarantee
"MPS" = Mid-Peninsula
"Offset Program" = Cal Water's Development Offset Program
"SFPUC" = San Francisco Public Utilities Commission
"SSF" = South San Francisco
"UWMP" = Urban Water Management Plan
"WSA" = Water Supply Assessment

Notes:

(a) Water demands for in-progress WSAs are preliminary.

(b) Water demands associated with known developments per References 1 through 15.

(c) Projected supply is assumed equal to the supplies available for all three districts during normal hydrologic years, which includes 840 AFY from the BG Reservoir, 1,534 AFY from the SSF wells (per References 16 and 17), and Cal Water's ISG of 39,993 AFY from SFPUC, which is shared among the BG, MPS, and SSF Districts. These projected supply values for normal hydrologic years differ from what is presented in the 2020 UWMP, which estimates a normal year supply equal to projected demand.

(d) Includes projected demands for all three Peninsula Districts per References 16, 17, and 18. It should be noted that the projected demands for the SSF District have decreased by 527 AFY relative to those reported in the SSF District 2020 UWMP because the Southline Specific Plan Project, which had previously been included in the demand projections for the SSF District, is now expected to comply with the Offset Program and will not result in a net increase in demands.

(e) 527 AFY out of the 557 AFY total project demands for the Southline Specific Plan were accounted for in the SSF District's 2020 UWMP; however, the Southline Specific Plan is now expected to comply with the Offset Program and is therefore required to offset the total project demands.

(f) The City of Menlo Park Housing Element Update anticipates an increase of over 4,000 new housing units within the City of Menlo Park by 2031, with an associated net increase in residential water demand of 448 AFY. Individual developments expected to exceed 50 AFY of net demand increase will be required to comply with Offset Program and therefore will not cause a net increase future water demands. However, given that the Housing Element Update is a planning document and the size of individual developments is yet to be determined, this table conservatively includes an additional 448 AFY in the three Peninsula Districts' projected future demands.

(g) Total offset volume will be met by accelerated water supply projects and/or mitigated through expanded customer conservation programs rather than Cal Water's ISG or other supplies from the BG Reservoir and the SSF wells.

Appendix B

Summary of Known Developments and their Cumulative Impacts in the Three Peninsula Districts

References:

1. EKI, 2019. Water Supply Assessment for the South San Francisco SFPUC Site, prepared for the Cal Water, dated May 2019.
2. EKI, 2021. Water Supply Assessment for the Southline Specific Plan Project, prepared for the Cal Water, dated December 2021.
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Appendix C

2021 Amended and Restated Water Supply Agreement between the City and County of San Francisco and Wholesale Customers in Alameda County, San Mateo County, and Santa Clara County (excluding attachments)

2021

AMENDED AND RESTATED

WATER SUPPLY AGREEMENT

between

THE CITY AND COUNTY OF SAN FRANCISCO

and

WHOLESALE CUSTOMERS

in

ALAMEDA COUNTY, SAN MATEO COUNTY AND

SANTA CLARA COUNTY

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AMENDED AND RESTATED
WHOLESALE WATER SUPPLY AGREEMENT

Introductory Statement

Both San Francisco, as the Regional Water System owner and operator, and its Wholesale Customers share a commitment to the Regional Water System providing a reliable supply of high quality water at a fair price, and achieving these goals in an environmentally sustainable manner.

Article 1. Parties, Effective Date, And Defined Terms

1.01. Definitions

The capitalized terms used in this Agreement shall have the meanings set forth in Attachment A.

1.02. Parties

The parties to this Agreement are the City and County of San Francisco and such of the following entities (all of which purchase water from San Francisco) as have executed this Agreement:

Alameda County Water District
California Water Service Company
City of Brisbane
City of Burlingame
City of Daly City
City of East Palo Alto
City of Hayward
City of Menlo Park
City of Millbrae
City of Milpitas
City of Mountain View
City of Palo Alto

City of Redwood City
City of San Bruno
City of San José
City of Santa Clara
City of Sunnyvale
Coastside County Water District
Estero Municipal Improvement District
Guadalupe Valley Municipal Improvement District
Mid-Peninsula Water District
North Coast County Water District
Purissima Hills Water District
Stanford University
Town of Hillsborough
Westborough Water District

The entities listed above which have executed this Agreement shall be collectively referred to as the "Wholesale Customers."

1.03. Effective Date

A. Except as provided in subsection C, this Agreement shall become effective only when it has been approved by San Francisco and by each of the entities listed in Section 1.02 and when San Francisco and each of those entities (except for the City of Hayward) have entered into an Individual Water Sales Contract as provided in Section 9.01.

B. If San Francisco and all of the entities listed in Section 1.02 approve this Agreement and (except for the City of Hayward) an Individual Water Sales Contract on or before July 1, 2009, the effective date shall be July 1, 2009. If San Francisco and all of the entities listed in Section 1.02 approve this Agreement and (except for the City of Hayward) an Individual Water Sales Contract after July 1, 2009 but on or before September 1, 2009, the effective date shall be the date on which the last entity listed in Section 1.02 approves this Agreement and, if required, an Individual Water Sales Contract.

C. If by September 1, 2009 this Agreement has been approved by fewer than all of the entities listed in Section 1.02 or fewer than all of such entities (other than the City of Hayward) have entered into an Individual Water Sales Contract, but it has been approved by entities representing at least 75% in number and 75% of the water purchased from SFPUC by

all listed agencies during FY 2007-08 (i.e., 173.39 MGD), then San Francisco shall have the option to waive the requirement in subsection A that all listed agencies have approved this Agreement and an Individual Water Sales Contract as a condition precedent to this Agreement and any Individual Water Sales Contract becoming effective. San Francisco shall have 60 days from September 1, 2009 (i.e., until October 31, 2009) within which to decide whether or not to waive the condition. If San Francisco decides to waive the condition, those listed agencies that have approved this Agreement and Individual Water Sales Contract before October 31, 2009 will be bound thereby and this Agreement and Individual Water Sales Contracts will become effective as to them, as of the date of San Francisco's waiver. For purposes of determining whether listed agencies that have approved this Agreement represent at least 75% of the water purchased during FY 2007-08, the quantity of water attributable to each listed entity shall be as set forth on Attachment B.

D. The provisions of Article 9 that apply to fewer than all Wholesale Customers (i.e., Sections 9.02 - 9.07) shall not become effective unless San Francisco and the entity to which the section applies have each approved (1) this Agreement, and (2) the underlying Individual Water Sales Contract, unless otherwise provided in Article 9. This provision does not affect the continued enforceability of provisions in those sections that derive from independently enforceable judgments, orders or agreements.

Article 2. Term; Amendments During Term

2.01. Term

The term ("Term") of this Agreement shall be twenty five (25) years. The Term shall begin on July 1, 2009, regardless of whether the Effective Date is before or after that date, and shall end on June 30, 2034. Except as provided in Article 9, the term of all Individual Water Sales Contracts shall also begin on July 1, 2009 and end on June 30, 2034.

2.02. Extension and Renewal of Term

A. In December 2031, the SFPUC may provide written notice to the Wholesale Customers that it is willing to extend the Term of this Agreement. Between January 1, 2032 and June 30, 2032, any Wholesale Customer may accept the SFPUC's offer to extend the Term by providing a written notice of extension to the SFPUC. If such notices of extension are received from Wholesale Customers representing at least two-thirds in number as of June 30, 2032 and seventy five percent (75%) of the quantity of water delivered by the SFPUC to all Wholesale Customers during fiscal year 2030-31, the Term shall be extended for another five (5) years ("First Extension Term"), through June 30, 2039. No party to this Agreement which does not wish to remain a party during the Extension Term shall be compelled to do so by the actions of other parties under this section.

B. In December 2036, the SFPUC may provide written notice to the Wholesale Customers that it is willing to extend the Term of this Agreement. Between January 1, 2037 and June 30, 2037, any Wholesale Customer may accept the SFPUC's offer to extend the Term by providing a written notice of extension to the SFPUC. If such notices of extension are received from Wholesale Customers representing at least two-thirds in number as of June 30, 2037 and seventy five percent (75%) of the quantity of water delivered by the SFPUC to all Wholesale Customers during fiscal year 2035-36, the Term shall be extended for another five (5) years ("Second Extension Term"), through June 30, 2044. No party to this Agreement which does not wish to remain a party during the Extension Term shall be compelled to do so by the actions of other parties under this section.

C. After the expiration of the Term, and, if applicable, the Extension Terms, this Agreement may be renewed by mutual consent of the parties, subject to any modifications thereof which may be determined at that time. If fewer than all of the parties desire to renew this Agreement beyond its Term, with or without modifications, the SFPUC and the Wholesale

Customers who wish to extend the Agreement shall be free to do so, provided that no party to this Agreement which does not wish to become a party to such a renewed Agreement shall be compelled to do so by the actions of other parties under this section.

2.03. Amendments

A. **Amendments to Agreement; General**

1. This Agreement may be amended with the written consent of all parties.

2. This Agreement may also be amended with the written consent of San Francisco and of Wholesale Customers representing at least two-thirds in number (i.e., 18 as of July 1, 2009) and seventy five percent (75%) of the quantity of water delivered by San Francisco to all Wholesale Customers during the fiscal year immediately preceding the amendment.

3. No amendment which adversely affects a Fundamental Right of a Wholesale Customer may be made without the written consent of that customer. Amendments to Article 5 which merely affect the allocation of costs between City Retail customers on the one hand and Wholesale Customers collectively on the other, and amendments to Articles 6 and 7 which merely alter budgetary, accounting and auditing procedures do not affect Fundamental Rights and may be made with the consent of parties meeting the requirements of Section 2.03.A.2.

4. When an amendment has been approved by San Francisco and the number of Wholesale Customers required in Section 2.03.A.2, San Francisco shall notify each of the Wholesale Customers in writing of the amendment's adoption. Notwithstanding any provision of law or this Agreement, any Wholesale Customer that claims that the amendment violates its Fundamental Rights under Section 2.03.A.3, shall have 30 days from the date San Francisco delivers the notice of its adoption in which to challenge the amendment's validity through a judicial action. If no such action is filed within 30 days, the amendment shall be finally and conclusively deemed to have been adopted in compliance with this section.

B. **Amendments to Article 9**

1. Notwithstanding the provisions of Sections 2.03.A.2 and 2.03.A.3, any provision of Article 9 which applies only to an individual Wholesale Customer may be amended with the written concurrence of San Francisco and the Wholesale Customer to which it applies;

provided that the amendment will not, directly or indirectly, adversely affect the Fundamental Rights of the other Wholesale Customers.

2. Before making any such amendment effective, San Francisco shall give notice, with a copy of the text of the proposed amendment, to all other Wholesale Customers. The Wholesale Customers shall have 30 days in which to object to the amendment on the ground that it is not permissible under this subsection. If no such objection is received by San Francisco, the proposed amendment shall become effective. If one or more Wholesale Customers object to the amendment, San Francisco, the individual Wholesale Customer with which San Francisco intends to effect the amendment, and the Wholesale Customer(s) which lodged the objection shall meet to discuss the matter.

3. If the dispute cannot be resolved and San Francisco and the Wholesale Customer involved elect to proceed with the amendment, either San Francisco or the Wholesale Customer shall give written notice of such election to each Wholesale Customer that has objected. Any Wholesale Customer that has objected to such amendment shall have 30 days from receipt of this notice within which to commence an action challenging the validity of such amendment, and such amendment shall be deemed effective as of the end of this 30-day period unless restrained by order of court.

C. **Amendments to Attachments**. The following attachments may be amended with the written concurrence of San Francisco and BAWSCA on behalf of the Wholesale Customers:

Attachment	Name
C	Individual Supply Guarantees (amendments reflecting Section 3.04 transfers only)
E	Minimum Annual Purchase Quantities (amendments reflecting Section 3.04 transfers only)
E-1	Temporary Modified Minimum Annual Purchase Quantities
G	Water Quality Notification and Communications Plan (2019 Update of 2017 Plan, Rev. 6)
J	Water Use Measurement and Tabulation
L-1	Identification of WSIP Projects as Regional/Retail
N-1	Balancing Account/Rate Setting Calculation Table
N-2	Wholesale Revenue Requirement Schedules

N-3	Schedule of Projected Water Sales, Wholesale Revenue Requirement and Wholesale Rates
P	Management Representation Letter
R	Classification of Existing System Assets (subject to Section 5.11)

Amendments to these attachments shall be approved on behalf of San Francisco by the Commission and on behalf of BAWSCA by its Board of Directors, unless the Commission by resolution delegates such authority to the General Manager of the SFPUC or the Board of Directors by resolution delegates such authority to the General Manager/CEO of BAWSCA.

D. **Amendments to Individual Water Sales Contracts**. Individual Water Sales Contracts described in Section 9.01 may be amended with the written concurrence of San Francisco and the Wholesale Customer which is a party to that Individual Water Sales Contract; provided that the amendment is not inconsistent with this Agreement or in derogation of the Fundamental Rights of other Wholesale Customers under this Agreement.

Article 3. Water Supply

3.01. Supply Assurance

A. San Francisco agrees to deliver water to the Wholesale Customers up to the amount of the Supply Assurance. The Supply Assurance is for the benefit of the entities listed in Section 1.02, irrespective of whether or not they have executed this Agreement. Water delivered by San Francisco to Retail Customers shall not be included in the Supply Assurance. Until December 31, 2018, the foregoing commitment is subject to Article 4.

B. Both the Supply Assurance and the Individual Supply Guarantees identified in Section 3.02 are expressed in terms of daily deliveries on an annual average basis and do not themselves constitute a guarantee by San Francisco to meet peak daily or hourly demands of the Wholesale Customers, irrespective of what those peak demands may be. The parties acknowledge, however, that the Regional Water System has been designed and constructed to meet peak daily and hourly demands and that its capacity to do so has not yet been reached. San Francisco agrees to operate the Regional Water System to meet peak requirements of the Wholesale Customers to the extent possible without adversely affecting its ability to meet peak demands of Retail Customers. This Agreement shall not preclude San Francisco from undertaking to meet specific peak demand requirements of individual Wholesale Customers in their Individual Water Sales Contracts.

C. The Supply Assurance is perpetual and shall survive the expiration or earlier termination of this Agreement. Similarly, the Individual Supply Guarantees identified in Section 3.02 and/or the Individual Water Sales Contracts are perpetual and shall survive the expiration or earlier termination of this Agreement or the Individual Water Sales Contracts.

D. Notwithstanding the Supply Assurance established by this section, the Individual Supply Guarantees identified in Section 3.02 and the Individual Water Sales Contracts, the amount of water made available by San Francisco to the Wholesale Customers is subject to reduction, to the extent and for the period made necessary by reason of water shortage, Drought, Emergencies, or by malfunctioning or rehabilitation of facilities in the Regional Water System. Any such reduction will be implemented in accordance with Section 3.11. The amount of water made available to the Wholesale Customers may not be reduced, however, merely because the water recycling and groundwater projects which the WSIP envisions to be constructed within San Francisco, or the conservation programs intended to reduce water use

by Retail Customers that are included in the WSIP, do not generate the yield or savings (10 MGD combined) anticipated by San Francisco.

3.02. Allocation of Supply Assurance

A. Pursuant to Section 7.02 of the 1984 Agreement, a portion of the Supply Assurance has been allocated among 24 of the 26 Wholesale Customers. These Individual Supply Guarantees are also expressed in terms of annual average metered deliveries of millions of gallons per day and are listed in Attachment C.

B. Three Wholesale Customers do not have Individual Supply Guarantees. The cities of San Jose and Santa Clara do not have an Individual Supply Guarantees because San Francisco has provided water to them on a temporary and interruptible basis as described in Sections 4.05 and 9.06. The City of Hayward does not have an Individual Supply Guarantee because of the terms of the 1962 contract between it and San Francisco, as further described in Section 9.03.

C. If the total amount of water delivered by San Francisco to Hayward and to the Wholesale Customers that are listed on Attachment C exceeds 184 MGD over a period of three consecutive fiscal years (i.e., July 1 through June 30), then the Individual Supply Guarantees of those Wholesale Customers listed on Attachment C shall be reduced pro rata so that their combined entitlement and the sustained use by Hayward does not exceed 184 MGD. The procedure for calculating the pro rata reduction in Individual Supply Guarantees is set out in Attachment D.

1. The provisions of this subsection C are not in derogation of the reservation of claims to water in excess of the Supply Assurance which are contained in Section 8.07. Nor do they constitute an acknowledgement by Wholesale Customers other than Hayward that San Francisco is obligated or entitled to reduce their Individual Supply Guarantees in the circumstances described herein. The provisions of this subsection C shall, however, be operative unless and until a court determines that its provisions violate rights of the Wholesale Customers derived independently of this Agreement.

2. The foregoing paragraph is not intended to and shall not constitute a contractual commitment on the part of San Francisco to furnish more water than the Supply Assurance to the Wholesale Customers or a concession by San Francisco that the provisions of this subsection violate any rights of the Wholesale Customers.

D. Notwithstanding the reservation of claims contained in Sections 3.02.C and 8.07, it shall be the responsibility of each Wholesale Customer to limit its purchases of water from San Francisco so as to remain within its Individual Supply Guarantee. San Francisco shall not be liable to any Wholesale Customer or be obligated to supply more water to any Wholesale Customer individually or to the Wholesale Customers collectively than the amount to which it or they are otherwise entitled under this Agreement due to the use by any Wholesale Customer of more water than the amount to which it is entitled under this Agreement.

E. San Francisco shall install such new connections between the Regional Water System and the distribution system of any Wholesale Customer that are necessary to deliver the quantities of water to which the Wholesale Customer is entitled under this Agreement. San Francisco shall have the right to determine the location of such connections, in light of the need to maintain the structural integrity of the Regional Water System and, where applicable, the need to limit peaking directly off of Regional Water System pipelines by a Wholesale Customer's individual retail customers, the need to ensure that a Wholesale Customer's individual retail customers have access to alternative sources of water in the event of a reduction in San Francisco's ability to provide them with water, and other factors which may affect the desirability or undesirability of a particular location. San Francisco's decisions regarding the location of new connections and the location, size and type of any new meters shall not be reviewable by a court except for an abuse of discretion or failure to provide a Wholesale Customer with connections and meters adequate to deliver the quantity of water to which it is entitled under this Agreement.

3.03. Wholesale Customer Service Areas

A. Each of the Individual Water Sales Contracts described in Section 9.01 will contain, as an exhibit, a map of the Wholesale Customer’s service area. A Wholesale Customer may not deliver water furnished to it by San Francisco outside the boundary of its service area without the prior written consent of San Francisco, except for deliveries to another Wholesale Customer on an emergency and temporary basis pursuant to Section 3.07.B.

B. If a Wholesale Customer wishes to expand its service area, it shall request San Francisco's consent to the expansion and provide information reasonably requested by San Francisco about the amount of water projected to be purchased from San Francisco to meet demand within the area proposed to be added to the service area.

C. San Francisco may refuse a Wholesale Customer's request to expand its service area on any reasonable basis. If San Francisco denies a request by a Wholesale Customer to expand its service area, or fails to act on the request for six months after it has been submitted, the Wholesale Customer may challenge San Francisco's denial or delay in court. Such a challenge may be based on the Wholesale Customers' claim, reserved in Section 8.07, that San Francisco is obligated under federal or state law to furnish water, included within its Individual Supply Guarantee, to it for delivery outside its then-existing service area and that it is entitled to enlarge its service area to supply water to such customers. San Francisco reserves the right to contest any such claim on any applicable ground. This subsection does not apply to San Jose and Santa Clara, whose maximum service areas are fixed pursuant to Section 9.06.

D. This section will not prevent San Francisco and any Wholesale Customer, other than San Jose and Santa Clara, from agreeing in an Individual Water Sales Contract or an amendment thereto that:

- the Wholesale Customer may expand its service area without subsequent San Francisco approval to a definitive size but no larger, or
- the Wholesale Customer will not expand its service area beyond its present limits without San Francisco approval

and waiving the provisions of this section with respect to any additional expansion.

E. If two or more Wholesale Customers agree to adjust the boundaries of their respective service areas so that one assumes an obligation to serve customers in an area that was previously within the service area of another Wholesale Customer, they may also correspondingly adjust their respective Individual Supply Guarantees. Such adjustments are not subject to the requirements of Section 3.04 and shall require only the consent of San Francisco and the Wholesale Customers involved, so long as the Supply Assurance and the Individual Supply Guarantees of other Wholesale Customers are not affected. Service area boundary adjustments that would result in the expansion of any California Water Service Company service areas are subject to the requirements of Section 9.02.D. Any adjustment of service area boundaries that would result in the supply of water in violation of this Agreement or the Act shall be void.

F. San Francisco acknowledges that it has heretofore consented in writing to deliveries of water by individual Wholesale Customers outside their service area boundaries and

agrees that nothing in this Agreement is intended to affect such prior authorizations, which remain in full force and effect according to their terms. Such authorizations shall be identified in the Individual Water Sales Contracts.

3.04. Permanent Transfers of Individual Supply Guarantees and Minimum Annual Purchase Quantities

A. A Wholesale Customer that has an Individual Supply Guarantee may transfer a portion of it to one or more other Wholesale Customers, as provided in this section.

B. Transfers of a portion of an Individual Supply Guarantee must be permanent, as opposed to temporary or time-limited. Notwithstanding the previous sentence, a portion of an Individual Supply Guarantee that has been transferred under this section may be included in another transfer under this section at a later date. The minimum quantity that may be transferred is 1/10th of a MGD.

C. Transfers of a portion of a Minimum Annual Purchase Quantity may be included in transfers of a portion of an Individual Supply Guarantee and are subject to the same requirements for Individual Supply Guarantee transfers in this section as well as the following conditions:

1. Transferor of Minimum Annual Purchase Quantity. A Wholesale Customer subject to the minimum annual purchase requirements of Section 3.07.C may transfer both a portion of its Individual Supply Guarantee and a portion of its Minimum Annual Purchase Quantity to one or more Wholesale Customers that have an Individual Supply Guarantee. The process by which such a transfer may be proposed and approved is set forth in subparts D and E of this section. A Wholesale Customer that had a Minimum Annual Purchase Quantity at the start of the Term of this Agreement may not cumulatively transfer, over the course of one or multiple transfers, more than half (50%) of its Minimum Annual Purchase Quantity as first specified in Attachment E at the start of the Term of this Agreement. Wholesale Customers that had a Minimum Annual Purchase Quantity at the start of the Term of this Agreement may not cumulatively transfer, over the course of one or multiple transfers, more than 6 MGD of the total aggregate Minimum Annual Purchase Quantity specified in Attachment E at the start of the Term of this Agreement. A Wholesale Customer that received a Minimum Annual Purchase Quantity through a transfer under this section may cumulatively transfer, over the course of one or multiple transfers, a portion of or all of the Minimum Annual Purchase Quantity it received

pursuant to this section. The effect of such a transfer will be a reduction in the transferor's Individual Supply Guarantee, specified in Attachment C, and a reduction in the transferor's Minimum Annual Purchase Quantity, specified in Attachment E. The SFPUC and BAWSCA will update Attachments C and E to reflect such changes, pursuant to Section 3.04.F. The reduction in the transferor's permanent Minimum Annual Purchase Quantity shall become effective in the same fiscal year in which the transfer becomes effective.

2. Transferee of Minimum Annual Purchase Quantity. A Wholesale Customer that has an Individual Supply Guarantee may be the recipient, or transferee, of both a portion of Individual Supply Guarantee and a portion of Minimum Annual Purchase Quantity from another Wholesale Customer that has an Individual Supply Guarantee, whether or not the transferee is already subject to the minimum annual purchase requirements of Section 3.07.C. When such a transfer is approved and effective, the transferee will initially have a revised Individual Supply Guarantee and a Temporary Modified Minimum Annual Purchase Quantity, which will be reflected on Attachments C and E-1, respectively, pursuant to Section 3.04.F. A Temporary Modified Minimum Annual Purchase Quantity will become effective in the same fiscal year in which the transfer becomes effective. The transferee's Temporary Modified Minimum Annual Purchase Quantity will ultimately be replaced by a permanent Minimum Annual Purchase Quantity, as described in this sub-section, which will be reflected on Attachment E pursuant to Section 3.04.F.

3. Calculation of Temporary Modified Minimum Annual Purchase Quantity. The Temporary Modified Minimum Annual Purchase Quantity that a transferee receives from a transfer under this sub-section is the sum of (1) the average annual (fiscal year) quantity of water purchased by the transferee from the SFPUC (plus Imputed Sales, if applicable) in the most recent five previous non-drought fiscal years, plus (2) the relevant reduction in the transferor's Minimum Annual Purchase Quantity. For this calculation, the five previous non-drought fiscal years need not be consecutive. Notwithstanding the preceding sentences in this paragraph, if a transferee has an existing Temporary Modified Minimum Annual Purchase Quantity at the time of a new transfer under this sub-section, the transferee's new Temporary Modified Minimum Annual Purchase Quantity under the new transfer will be the sum of (1) the transferee's existing Temporary Modified Minimum Annual Purchase Quantity, plus (2) the relevant reduction in the transferor's Minimum Annual Purchase Quantity. Attachment E-2 contains sample calculations of the Temporary Modified Minimum Annual Purchase Quantity for

transferees who are subject to, or not yet subject to, the minimum annual purchase requirements of Section 3.07.C.

4. Duration and Expiration of Temporary Modified Minimum Annual Purchase Quantity.

a. Once a transfer under this sub-section is approved and effective, the transferee is required to purchase from the SFPUC its Temporary Modified Minimum Annual Purchase Quantity until the quantity of water delivered annually to the transferee by the SFPUC meets or exceeds the Temporary Modified Minimum Annual Purchase Quantity for three consecutive fiscal years. It may take many years for the quantity of water delivered to meet or exceed this amount. The transferee's Temporary Modified Minimum Annual Purchase Quantity is subject to waiver by the SFPUC as described in Section 3.07.C. However, even in the event of such a waiver, a fiscal year in which the transferee still purchases from the SFPUC an amount of water that meets or exceeds its Temporary Modified Minimum Annual Purchase Quantity will count as a fiscal year in which the transferee has met or exceeded its Temporary Modified Minimum Annual Purchase Quantity for the purposes of this paragraph.

b. Once the quantity of water delivered to the transferee by the SFPUC reaches the milestone described in the preceding paragraph, the transferee will no longer be subject to the Temporary Modified Minimum Annual Purchase Quantity. Instead, the transferee will have a new permanent Minimum Annual Purchase Quantity, which will equal the sum of (1) its previous Minimum Annual Purchase Quantity, if applicable, plus (2) the relevant reduction in the transferor's Minimum Annual Purchase Quantity. The transferee's new permanent Minimum Annual Purchase Quantity will be reflected on Attachment E, and its expired Temporary Modified Minimum Annual Purchase Quantity will be removed from Attachment E-1, pursuant to Section 3.04.F. Any other Temporary Modified Minimum Annual Purchase Quantities of the transferee will remain in effect on Attachment E-1.

D. Transfers of portions of Individual Supply Guarantees, including transfers of portions of Minimum Annual Purchase Quantities, are subject to approval by the SFPUC. SFPUC review is limited to determining (1) whether a proposed transfer complies with the Act, and (2) whether the affected facilities in the Regional Water System have sufficient capacity to accommodate delivery of the increased amount of water to the proposed transferee.

E. The participants in a proposed transfer shall provide written notice to the SFPUC and BAWSCA specifying (1) the amount of the Individual Supply Guarantee proposed to be

transferred, (2) the proposed effective date of the transfer, which shall not be less than 60 days after the notice is submitted to the SFPUC, and (3) the Individual Supply Guarantees of both participants resulting from the transfer. If a proposed transfer includes the transfer of a portion of Minimum Annual Purchase Quantity, then the participants will provide additional written notice specifying (4) the amount of the Minimum Annual Purchase Quantity proposed to be transferred, (5) transferee's Temporary Modified Minimum Annual Purchase Quantity and permanent Minimum Annual Purchase Quantity under the transfer, and (6) the transferor's new Minimum Annual Purchase Quantity under the transfer. The SFPUC may require that the participants in any proposed transfer provide additional information reasonably necessary to evaluate the operational impacts of the proposed transfer and any additional information that will assist the SFPUC in its review of the proposed transfer. The SFPUC will not unreasonably withhold or delay its approval of a proposed transfer; if the SFPUC does not act on the written notice provided by the participants within 60 days, the transfer will be deemed to have been approved. An approved transfer becomes effective on the proposed effective date set forth in the written notice of the proposed transfer provided to the SFPUC and BAWSCA.

F. Within 30 days after the transfer has become effective, both the transferor and the transferee will provide written notice to the SFPUC and BAWSCA. By September 30 of each year during the Term, the SFPUC and BAWSCA will prepare an updated Attachment C, and updated Attachments E and E-1 where applicable, to reflect the effects of transfers occurring during the immediately preceding fiscal year. By September 30 of each year during the Term, the Individual Water Sales Contracts between San Francisco and any Wholesale Customers who are participants in a transfer under this Section will be amended with the written concurrence of San Francisco and those Wholesale Customers to reflect the effects of transfers occurring during the immediately preceding fiscal year, as necessary.

G. Amounts transferred will remain subject to pro rata reduction under the circumstances described in Section 3.02.C and according to the formula set forth in Attachment D.

H. A proposed transfer that does not satisfy the requirements of this section may be presented as an amendment to this Agreement pursuant to Section 2.03.

3.05. Restrictions on Resale

Each Wholesale Customer agrees that it will not sell any water purchased from San Francisco to a private party for resale by such private party to others in violation of the Act.

Each Wholesale Customer also agrees that it will not sell water purchased from San Francisco to another Wholesale Customer without prior written approval of the SFPUC, except on a temporary and emergency basis as permitted in Section 3.07.B.2. The SFPUC agrees that it will not unreasonably withhold its consent to a request by a Wholesale Customer to deliver water to another Wholesale Customer for resale.

3.06. Conservation; Use of Local Sources; Water Management Charge

A. In order to support the continuation and expansion of water conservation programs, water recycling, and development of alternative supplies within the Wholesale Customers' service areas, the SFPUC will, if requested by BAWSCA, include the Water Management Charge in water bills sent to Wholesale Customers. The SFPUC will deliver all Water Management Charge revenue to BAWSCA monthly and shall deliver an annual accounting of Water Management Charge revenue to BAWSCA within 90 days after the end of each fiscal year. The SFPUC's obligations to collect and deliver Water Management Charge revenue to BAWSCA under this subsection are conditioned on BAWSCA's delivery to the SFPUC of an annual report describing the projects and programs on which Water Management Charge funds received from the SFPUC during the previous fiscal year were expended and an estimate of the amount of water savings attributable to conservation programs and of the yield of alternative supplies developed. This report will be due within 180 days after the end of each fiscal year during which Water Management Charge funds were received.

B. The SFPUC will work together with BAWSCA to explore ways to support water conservation programs, recycling projects, and conjunctive use alternatives outside the Wholesale Service Area, in particular projects and programs that have the potential to increase both flows in the lower Tuolumne River (downstream of New Don Pedro Reservoir) and water deliveries to the Regional Water System.

C. Each Wholesale Customer shall take all actions within its legal authority related to water conservation that are necessary to insure that the SFPUC (a) remains eligible for (i) state and federal grants and (ii) access to the Drought Water Bank operated by the California Department of Water Resources, as well as other Drought-related water purchase or transfer

programs, and (b) complies with future legal requirements imposed on the Regional Water System by the federal government, the State, or any other third party as conditions for receiving funding or water supply.

D. San Francisco and each Wholesale Customer agree that they will diligently apply their best efforts to use both surface water and groundwater sources located within their respective service areas and available recycled water to the maximum feasible extent, taking into account the environmental impacts, the public health effects and the effects on supply reliability of such use, as well as the cost of developing such sources.

3.07. Restrictions on Purchases of Water from Others; Minimum Annual Purchases

A. Each Wholesale Customer (except for Alameda County Water District and the cities of Milpitas, Mountain View and Sunnyvale) agrees that it will not contract for, purchase or receive, with or without compensation, directly or indirectly, from any person, corporation, governmental agency or other entity, any water for delivery or use within its service area without the prior written consent of San Francisco.

B. The prohibition in subsection A does not apply to:

1. recycled water;

2. water necessary on an emergency and temporary basis, provided that the Wholesale Customer promptly gives San Francisco notice of the nature of the emergency, the amount of water that has been or is to be purchased, and the expected duration of the emergency; or

3. water in excess of a Wholesale Customer's Individual Supply Guarantee.

C. Alameda County Water District and the cities of Milpitas, Mountain View and Sunnyvale may purchase water from sources other than San Francisco, provided that San Francisco shall require that each purchase a minimum annual quantity of water from San Francisco. These Minimum Annual Purchase Quantities are set out in Attachment E and shall also be included in the Individual Water Sales Contracts between San Francisco and each of these four Wholesale Customers. Pursuant to Section 3.04, certain Wholesale Customers may also be required to purchase Temporary Modified Minimum Annual Purchase Quantities, set out in Attachment E-1, from San Francisco. Attachment E will be updated pursuant to Section 3.04 to reflect any reduction in existing Minimum Annual Purchase Quantities and any addition of

new Minimum Annual Purchase Quantities when Temporary Modified Minimum Annual Purchase Quantities expire and are removed from Attachment E-1; Individual Water Sales Contracts between San Francisco and any Wholesale Customers who are participants in a transfer under Section 3.04 will similarly be amended, as necessary. After the end of each fiscal year, the SFPUC will send a written notice to each Wholesale Customer that is subject to the minimum annual purchase requirements of this section with a copy to BAWSCA. The notice will include: (1) the quantity of water delivered to the Wholesale Customer during the previous fiscal year; (2) whether or not the Wholesale Customer met its minimum annual purchase requirement under this section; (3) any Imputed Sales charged to the Wholesale Customer; and (4) the status of any Temporary Modified Minimum Annual Purchase Quantity of the Wholesale Customer, if applicable. The minimum annual purchase requirements set out in Attachments E and E-1 will be waived during a Drought or other period of water shortage if the water San Francisco makes available to these Wholesale Customers is less than its Minimum Annual Purchase Quantity, and may be waived during a state of emergency declared by the Governor of California that impacts water supply use or deliveries from the Regional Water System.

3.08. Water Quality

A. San Francisco shall deliver treated water to Wholesale Customers (except Coastside County Water District, which receives untreated water from Crystal Springs and Pilarcitos Reservoirs) that complies with primary maximum contaminant level and treatment technique standards at the regulatory entry points designated in the San Francisco Regional Water System Domestic Water Supply Permit (currently Permit No. 02-04-04P3810001) issued by the California Department of Public Health (CDPH).

B. San Francisco will provide notice to the Wholesale Customers in accordance with the Water Quality Notification and Communications Plan (2019 Update of 2017 Plan, Rev. 6), attached hereto as Attachment G. San Francisco will regularly update its plan in consultation with the Wholesale Customers and the CDPH. The next update will be completed one year after the Effective Date and include expanded coverage of secondary maximum contaminant level exceedances and water quality communication triggers. The plan will note that the Wholesale Customers will receive the same notification no later than the San Francisco water system (currently Permit No. 02-04-01P3810011) except for distribution-related issues.

C. San Francisco and the Wholesale Customers will establish a Water Quality Committee. The Water Quality Committee will meet at least quarterly to collaboratively address

water quality issues, such as Water Quality Notification and Communications Plan updates, regulatory issues, and water quality planning studies/ applied research. San Francisco and each Wholesale Customer will designate a representative to serve on the committee. There will be a Chair and Vice Chair position for the Water Quality Committee. The Chair and Vice Chair positions will be held by San Francisco and the Wholesale Customers and rotate between them on an annual basis.

3.09. Completion of WSIP

San Francisco will complete construction of the physical facilities in the WSIP by December 30, 2021. The SFPUC agrees to provide for full public review and comment by local and state interests of any proposed changes that delay previously adopted project completion dates or that delete projects. The SFPUC shall meet and consult with BAWSCA before proposing to the Commission any changes in the scope of WSIP projects which reduce their capacity or ability to achieve adopted Level of Service Goals and Objectives. The SFPUC retains discretion to determine whether to approve the physical facilities in the WSIP until after it completes the CEQA process as set forth in Section 4.07.

3.10. Regional Water System Repair, Maintenance and Operation

A. San Francisco will keep the Regional Water System in good working order and repair consistent with prudent utility practice.

B. San Francisco will submit reports to its Retail and Wholesale Customers on the "State of the Regional Water System," including reports on completed and planned maintenance, repair or replacement projects or programs, by September of every even-numbered year, with reports to start in September 2010.

C. San Francisco will cooperate with any audit of the SFPUC's asset management practices that may be initiated and financed by BAWSCA or the Wholesale Customers. BAWSCA may contract with third parties to conduct the audits. San Francisco will consider the findings and recommendations of such audits and will provide a written response indicating agreement with the recommendations, or disagreement with particular recommendations and the reasons why, within 90 calendar days after receipt.

D. San Francisco will continue to operate its reservoirs in a manner that assigns higher priority to the delivery of water to the Bay Area and the environment than to the

generation of electric power. The SFPUC, as the Regional Water System operator, is solely responsible for making day-to-day operational decisions.

3.11. Shortages

A. **Localized Water Reductions**. Notwithstanding San Francisco's obligations to deliver the Supply Assurance to the Wholesale Customers collectively and the Individual Supply Guarantees to Wholesale Customers individually, San Francisco may reduce the amount of water available or interrupt water deliveries to specific geographical areas within the Regional Water System service area to the extent that such reductions are necessary due to Emergencies, or in order to install, repair, rehabilitate, replace, investigate or inspect equipment in, or perform other maintenance work on, the Regional Water System. Such reductions or interruptions may be imposed by San Francisco without corresponding reductions or interruptions in the amount of water available to SFPUC water users outside the specific geographical area where reductions or interruptions are necessary, if the system's ability to supply water outside the specific geographical area has not been impaired. In the event of such a reduction or interruption, San Francisco will restore the supply of water to the specific geographical area as soon as is possible. Except in cases of Emergencies (during which oral notice shall be sufficient), San Francisco will give the affected Wholesale Customer(s) reasonable written notice of such localized reductions or interruptions, the reasons therefor, and the probable duration thereof.

B. **System-Wide Shortages and SFPUC Response to Regional Emergencies**. Following a major system emergency event, the SFPUC will work closely with its Wholesale Customers to monitor customer demand, including the demand source. In the event that any individual Wholesale Service Area or Retail Service Area customer’s uncontrolled distribution system leaks could result in major water waste and endanger the supply provided by the Regional Water System as a whole, flow through some customer connections may need to be temporarily reduced or terminated. SFPUC will work closely with customers to assess the nature of the demand (e.g. fire-fighting versus leakage), so that public health and safety protection can be given top priority.

1. All emergencies that require use of non-potable source water will require use of chlorine, or other suitable disinfectant, if feasible.

2. San Francisco will use its best efforts to meet the seismic reliability and delivery reliability Level of Service Goals and Objectives adopted by the Commission in conjunction with the WSIP. San Francisco will distribute water on an equitable basis throughout the Regional Water System service area following a regional Emergency, subject to physical limitations caused by damage to the Regional Water System.

3. San Francisco's response to Emergencies will be guided by the then-current version of the ERRP. The SFPUC shall periodically review, and the Commission may amend, the ERRP to ensure that it remains an up-to-date and effective management tool.

4. The SFPUC will give the Wholesale Customers notice of any proposal to amend the ERRP in a manner that would affect them. The notice will be delivered at least thirty days in advance of the date on which the proposal is to be considered by the Commission and will be accompanied by the text of the proposed amendment.

C. **Shortages Caused by Drought; Acquisition of Dry Year Supplies**.

Notwithstanding San Francisco's obligations to deliver the Supply Assurance to the Wholesale Customers collectively and the Individual Supply Guarantees to Wholesale Customers individually, San Francisco may reduce the amount of water available to the Wholesale Customers in response to Drought.

1. The Tier 1 Shortage Plan (Attachment H) will continue to be used to allocate water from the Regional Water System between Retail and Wholesale Customers during system-wide shortages of 20% or less.

2. San Francisco and the Wholesale Customers may negotiate in good faith revisions to the Tier 1 Shortage Plan to adjust for and accommodate anticipated changes due to demand hardening in the SFPUC's Wholesale and Retail Service Areas. Until agreement is reached, the current Tier 1 Shortage Plan will remain in effect.

3. The SFPUC will honor allocations of water among the Wholesale Customers (“Tier 2 Allocations”) provided by BAWSCA or if unanimously agreed to by all Wholesale Customers. If BAWSCA or all Wholesale Customers do not provide the SFPUC with Tier 2 Allocations, then the SFPUC may make a final allocation decision after first meeting and discussing allocations with BAWSCA and the Wholesale Customers. For Regional Water System shortages in excess of 20%, San Francisco shall (a) follow the Tier 1 Shortage Plan allocations up to the 20% reduction, (b) meet and discuss how to implement incremental

reductions above 20% with the Wholesale Customers, and (c) make a final determination of allocations above the 20% reduction. After the SFPUC has made the final allocation decision, the Wholesale Customers shall be free to challenge the allocation on any applicable legal or equitable basis.

4. San Francisco will use its best efforts to identify potential sources of dry year water supplies and establish the contractual and other means to access and deliver those supplies in sufficient quantity to meet a goal of not more than 20 percent system-wide shortage in any year of the design drought.

5. San Francisco will cooperate with BAWSCA to improve water supply reliability. As an example of such cooperation, San Francisco may invite a representative of BAWSCA to attend and participate in meetings with third parties for development of dry year water supplies. If San Francisco does not invite a BAWSCA representative to attend a specific scheduled meeting, it will promptly (within 30 days of any such meeting) provide BAWSCA with a written or oral report on the meeting, including any decisions reached at it, as well as information about planned subsequent meetings. Progress in securing dry year water supplies will be reported to the SFPUC and the BAWSCA board of directors during the first quarter of each calendar year.

3.12. Wheeling of Water from Outside SFPUC System

Subject to the Wheeling Statute, the SFPUC will not deny use of Regional Water System unused capacity for wheeling when such capacity is available for wheeling purposes during periods when the SFPUC has declared a water shortage emergency under Water Code Section 350 if the following conditions are met:

A. The transferor pays reasonable charges incurred by the SFPUC as a result of the wheeling, including capital, operation, maintenance, administrative and replacement costs (as such are defined in the Wheeling Statute).

B. Wheeled water that is stored in the Regional Water System spills first.

C. Wheeled water will not unreasonably: (1) impact fish and wildlife resources in Regional Water System reservoirs; (2) diminish the quality of water delivered for consumptive uses; or (3) increase the risk of exotic species impairing Regional Water System operations. The transferor may at its own expense provide for treatment to mitigate these effects.

D. Priority will be given to wheeling by Wholesale Customers or BAWSCA over arrangements for third-party public entities.

3.13. Limits on New Customers

A. **New Wholesale Customers Prior to December 31, 2028**. Until December 31, 2028, San Francisco will not enter into contracts to supply water to any entity other than a Wholesale Customer (whether permanent or temporary, firm or interruptible) unless:

1. It completes any necessary environmental review under CEQA of the proposed new wholesale water service obligations as provided in Section 4.07;

2. It concurrently completes any necessary environmental review under CEQA as provided in Section 4.07 and commits to make both San Jose and Santa Clara permanent customers with Individual Supply Guarantees equal to at least 9 MGD; and

3. This Agreement is amended to incorporate any commitments to proposed new wholesale customers and to San Jose and Santa Clara, and to address the effects, if any, of the new customer(s) on water supply reliability, water quality and cost to existing customers of the Regional Water System.

B. **New Wholesale Customers After December 31, 2028**. As of January 1, 2029, San Francisco will not enter into contracts to supply water to any entity other than a Wholesale Customer (whether permanent or temporary, firm or interruptible) unless:

1. It completes any necessary environmental review under CEQA of the proposed new wholesale water service obligations as provided in Section 4.07;

2. It concurrently completes any necessary environmental review under CEQA as provided in Section 4.07 and commits to make both San Jose and Santa Clara permanent customers with Individual Supply Guarantees equal to at least 9 MGD;

3. Doing so increases the reliability of the Regional Water System; and

4. This Agreement is concurrently amended (a) to reflect that increased reliability by means of an increased commitment by San Francisco to deliver water during Droughts and (b) to address the effects, if any, of the new customer(s) on water supply, water quality and cost to existing customers of the Regional Water System.

C. **New Retail Customers**. San Francisco may enter into new retail water service obligations outside of the City and County of San Francisco:

1. Only in Alameda, San Mateo, Santa Clara, San Joaquin and Tuolumne Counties;

2. That are within or immediately adjacent to areas in which it currently serves other Retail Customers; and

3. Until the aggregate additional demand represented by the new retail customers reaches 0.5 MGD.

The limitations on serving new Retail Customers described in this subsection do not apply to historical obligations to supply water that may be contained in prior agreements between the SFPUC or its predecessor the Spring Valley Water Company, and individual users or property owners located adjacent to Regional Water System transmission pipelines.

D. **Water Exchanges and Cost Sharing Agreements with Other Water Suppliers**. Subject to completion of necessary environmental review under CEQA, San Francisco may at any time enter into water exchanges or cost sharing agreements with other water suppliers to enhance dry year or normal year water deliveries, provided that San Francisco cannot incur new water service obligations to such other water suppliers unless the requirements for taking on new wholesale customers in subsections A and B above are met.

3.14. Measurement of Water

A. The parties recognize that continuous and accurate measurement of water deliveries to and from the Regional Water System and maintenance of complete and accurate records of those measurements is necessary (1) for the costs of the Regional Water System to be allocated in accordance with this Agreement, (2) for implementation of other provisions of this Agreement, and (3) for effective operation and maintenance of a water system serving a large urbanized region.

B. It is the responsibility of the SFPUC to obtain and record these measurements. To do so, the SFPUC shall install, maintain and operate measuring and recording equipment at the following locations: (1) inputs to the Regional Water System from all water sources ("System Input Meters"), (2) internal flow meters to support operation of the Regional Water System ("In-Line Meters"), (3) deliveries to the City at the San Francisco-San Mateo County line ("County-

Line Meters") and to three reservoirs in San Francisco ("In-City Terminal Reservoir Meters"), (4) deliveries to SFPUC Retail Customers located outside the boundaries of the City, and (5) deliveries to the Wholesale Customers, as described and illustrated in Attachment J.

C. The SFPUC shall inspect, test, service, and calibrate the measuring and recording equipment installed at the locations described in subsection B and will repair or replace them when necessary, in order to ensure that their accuracy is consistent with specifications provided in Attachment J.

D. The SFPUC shall continue to contract with a qualified independent metering consultant to perform periodic inspection, testing, servicing and calibration of the County-Line Meters, the In-City Terminal Reservoir Meters, and the System Input and In-Line Meters described in Attachment J, as well as the portion of the SFPUC's Supervisory Control and Data Acquisition (SCADA) system that utilizes the flow signals produced by that measuring and recording equipment. The method, schedule and frequency for calibration and maintenance of the County-Line Meters and the In-City Terminal Reservoir Meters are specified in Attachment J. The SFPUC shall provide copies of the metering consultant's reports to BAWSCA.

E. System Input Meters measure water deliveries into the Regional Water System from sources such as Hetch Hetchy and the SFPUC's water treatment plants. System Input Meters also measure deliveries from the Regional Water System to outside sources or from such sources to the Regional Water System through interties with the Santa Clara Valley Water District and the East Bay Municipal Utility District. In-Line Meters measure internal system flows and are located on the Bay Division Pipelines and other main transmission pipelines. These meters are collectively referred to as the "System Input and In-line Meters." Similar to the County-Line Meters, the System Input and In-Line Meters have secondary metering equipment, such as differential pressure transmitters and flow recorders. The System Input and In-Line Meters, and all associated secondary metering equipment, shall be calibrated and maintained according to the method, schedule, and frequency specified in the Procedures Manual described in subsection G, below.

F. The locations of the smaller and more numerous meters described in subsection B (4) and (5) are not illustrated in Attachment J; however, they are also critical in the determination of cost allocations, and accordingly require continued maintenance and

calibration. It is the responsibility of the SFPUC to maintain the accuracy of these meters and their secondary metering equipment.

G. The SFPUC will prepare a Procedures Manual which will describe in detail the procedures for periodic inspection, testing, servicing and calibration of the measuring and recording equipment described in subsection B. Once the Procedures Manual is completed, the SFPUC and BAWSCA may agree that it should supersede some or all of the requirements in Attachment J regarding the County-Line and the In-City Terminal Reservoir Meters. Unless and until such an agreement is reached and documented, however, the requirements in Attachment J, Section D will continue in force as minimum standards for meter maintenance and calibration of the County-Line and In-City Terminal Reservoir Meters (subject to modification under the circumstances described in Attachment J, Section A.4).

H. If BAWSCA and the SFPUC are unable to agree on the water use calculations required by Attachment J for a particular year, the Wholesale Customers may file a demand for arbitration challenging the SFPUC's determination of the Wholesale Revenue Requirement for that year on the basis of its reliance on disputed water use calculations. Such a challenge must be brought in the manner and within the time specified in Section 8.01.

3.15. New Sources of Water Supply to Maintain Supply Assurance

A. **Urgent Reductions of Existing Surface Water Supplies**. Sudden and unanticipated events may require San Francisco to act promptly to protect the health, safety and economic well-being of its Retail and Wholesale Customers. Such sudden events include, but are not limited to drought, earthquakes, terrorist acts, catastrophic failures of facilities owned and operated by San Francisco, and other natural or man-made events. If such events diminish San Francisco's ability to maintain the Supply Assurance, San Francisco may increase the Wholesale Revenue Requirement to pay for planning, evaluation and implementation of replacement sources of supply when such needs arise and without the prior approval of the Wholesale Customers. San Francisco will keep the Wholesale Customers informed of actions being taken under this subsection, progress made, and contingency actions the Wholesale Customers may need to consider taking. To the extent appropriate and applicable, San Francisco will act in accordance with Section 3.11 and the ERRP. Nothing in this subsection limits San Francisco's obligations under Section 3.11 to pursue additional sources of supply to augment supplies available during drought.

B. **Non-Urgent Reductions of Existing Surface Water Supplies**. Climate change, regulatory actions and other events may impact San Francisco's ability to maintain the Supply Assurance from its existing surface water supplies, but on timescales long enough to permit San Francisco to collaborate with its Wholesale Customers on how best to address possible impacts to water supply. If such events diminish San Francisco's ability to maintain the Supply Assurance, San Francisco may increase the Wholesale Revenue Requirement to pay for planning, evaluation and implementation of replacement sources of supply when such needs arise and without the prior approval of the Wholesale Customers. San Francisco will keep the Wholesale Customers informed of actions being taken under this subsection, progress made, and contingency actions the Wholesale Customers may need to consider taking. San Francisco will solicit input and recommendations from BAWSCA and the Wholesale Customers, and take those recommendations into consideration. Prior to Commission approval of plans or taking other actions that would impact the Wholesale Revenue Requirement, San Francisco will hold a public hearing to receive written and oral comments. Nothing in this subsection modifies San Francisco's obligation to maintain the ability to provide the Supply Assurance under this Agreement.

3.16. New Sources of Water Supply to Increase Supply Assurance

A. **Surface Water Supplies From Existing Watersheds After 2018**. The Commission action in SFPUC Resolution Number 08-0200, adopted October 30, 2008 requires certain decisions by San Francisco regarding whether to supply more than 265 MGD from its watersheds following 2018. Such decisions are to be made by December 31, 2018, subject to the exercise of San Francisco's retained CEQA discretion in Section 4.07. San Francisco's future decisions may include an offer to increase the Supply Assurance at the request of some or all of its Wholesale Customers. Costs associated with providing additional water from its existing water supplies in San Mateo, Santa Clara, Alameda, Tuolumne, and Stanislaus Counties shall be allocated to Wholesale and Retail Customers as described in Article 5.

B. **New Water Supplies**. If San Francisco seeks to develop additional water supplies from new sources to increase the Supply Assurance available to Wholesale Customers, studies and resulting water supply projects will be conducted jointly with BAWSCA under separate agreement(s) specifying the purpose of the projects, the anticipated regional benefits and how costs of studies and implementation will be allocated and charged. Nothing in this Agreement shall serve as precedent for the allocation of such new supply capital costs

between Retail and Wholesale Customers or associated operational expenses, which shall only occur following approval of both parties and amendment of this Agreement, if necessary, under Section 2.03.

3.17. Westside Basin Groundwater Storage and Recovery Project

In August 2014, the SFPUC approved a WSIP project called the Groundwater Storage and Recovery Project ("Project"), which authorized the SFPUC to enter into an agreement governing the operation of the Project with the Participating Pumpers entitled "Agreement for Groundwater Storage and Recovery from the Southern Portion of the Westside Groundwater Basin by and among the San Francisco Public Utilities Commission, the City of Daly City, the City of San Bruno, and California Water Service Company" ("Project Operating Agreement"), which became effective on December 16, 2014. The Project produces Regional benefits for all customers of the Regional Water System by making use of available groundwater storage capacity in the Southern portion of the Westside Basin through the supply of additional surface water ("In Lieu Water") to the Participating Pumpers from the Regional Water System, in exchange for a corresponding reduction in groundwater pumping at existing wells owned by the Participating Pumpers. The new groundwater supply that accrues to storage as a result of delivery of In Lieu Water will be recovered from the SFPUC Storage Account during water shortages using new Regional Project Facilities or Shared Facilities operated by the Participating Pumpers and the SFPUC. Project mitigation capital costs and annual Project operations and maintenance expenses and water supplies shall be allocated as follows:

A. All In Lieu Water delivered to the Participating Pumpers shall be (1) temporary and interruptible in nature and (2) at the sole discretion of the SFPUC based on the total volume of water available to the Regional Water System.

B. All In Lieu Water delivered to the Participating Pumpers shall be considered a delivery of water to storage and shall not be construed to affect or increase the Individual Supply Guarantees of these Wholesale Customers or to otherwise entitle them to any claim of water in excess of their Individual Supply Guarantees.

C. In the event that it is necessary to reduce the Participating Pumpers' aggregate designated quantity of groundwater production allocation pursuant to Section 4.7 of the Project Operating Agreement, the SFPUC may supply an annual maximum of up to 500 acre feet of Participating Pumper Replacement Water from the Regional Water System at a price

comparable to the Participating Pumpers' then-current groundwater cost, as may be adjusted annually as provided for in Section 4.7 of the Project Operating Agreement. Each of the Participating Pumpers may elect to take delivery of its share of Participating Pumper Replacement Water either as interruptible surface water deliveries from the Regional Water System or as a transfer of storage credits from the SFPUC Storage Account. All revenue received from such water sales or transfers shall be considered revenue related to the sale of water and allocated between Retail Customers and Wholesale Customers on the basis of Proportional Water Use. All volumes of Participating Pumper Replacement Water delivered shall not be construed to affect or increase the Individual Supply Guarantees of these Wholesale Customers or to otherwise entitle them to any claim of water in excess of their Individual Supply Guarantees.

D. Any operation and maintenance expenses incurred by the Participating Pumpers and the SFPUC that are related to the operation of Project Facilities and Shared Facilities for Project purposes shall be included as Regional pumping expenses under Section 5.05.B of this Agreement and included as part of the Wholesale Revenue Requirement. For rate setting purposes, estimated Project operation and maintenance expenses shall be used as set forth in Section 6.01 of this Agreement. Operation and maintenance expenses associated with the Participating Pumpers' Existing Facilities that do not provide Regional benefits shall not be included in the Wholesale Revenue Requirement. On a case-by-case basis, the SFPUC may include operation and maintenance expenses associated operation of the Participating Pumpers' Existing Facilities in the Wholesale Revenue Requirement provided that such expenses (1) are solely attributable to Project operations for a Regional benefit and (2) are not caused by the Participating Pumper's failure to operate and maintain its existing wells in a reasonable and prudent manner consistent with water utility industry standards. The SFPUC shall provide the Wholesale Customers with copies of Project Operation and Maintenance Expenses documentation provided by the Participating Pumpers under Section 9.2 of the Project Operating Agreement.

E. The Project Mitigation, Monitoring and Reporting Program ("MMRP") adopted by the SFPUC included mitigation measure HY-6 to prevent well interference impacts to the Irrigation Well Owners. In mitigation measure HY-6, the SFPUC agreed to provide standby supplies of Irrigation Well Owner Replacement Water from the Regional Water System, to alter Project operations, and implement other actions (e.g., well replacement) to avoid well interference impacts that require the consent of the Irrigation Well Owners. The SFPUC's

Project mitigation and other obligations to the Irrigation Well Owners are memorialized in substantially identical "Groundwater Well Monitoring and Mitigation Agreements" with one or more of the Irrigation Well Owners. For purposes of this Agreement, water supplies, and the capital costs and operations and maintenance expenses associated with providing Irrigation Well Owner Replacement Water and implementing other mitigation actions identified in the Project MMRP, shall be allocated as follows:

1. Irrigation Well Owner Replacement Water shall be limited to a cumulative maximum of 1.76 mgd and shall be delivered only in volumes necessary for mitigating well interference impacts as provided in the Project MMRP. The supply of Irrigation Well Owner Replacement Water by the SFPUC shall not be considered a new water supply commitment to Retail Customers or Wholesale Customers under Section 3.13 of this Agreement. The annual volume of Irrigation Well Owner Replacement Water supplied shall be metered and allocated as water from the Regional Water System during shortages between Retail Customers and Wholesale Customers in proportion to and consistent with the provisions of the Shortage Allocation Plan. All revenue received from Irrigation Well Owners for metered deliveries of Irrigation Well Owner Replacement Water shall be considered revenue related to the sale of water and allocated between Retail Customers and Wholesale Customers on the basis of Proportional Water Use.

2. All Project capital costs incurred by the SFPUC in complying with the mitigation measures in the Project MMRP shall be considered Regional capital costs under Section 5.04 of this Agreement.

3. Operations and maintenance expenses incurred by the SFPUC in maintaining Project mitigation assets described in the Project MMRP shall be considered Regional transmission and distribution expenses under Section 5.05.D of this Agreement. Well pumping expenses that are required to be paid by the SFPUC in the agreements with the Irrigation Well Owners shall be considered Regional pumping expenses under Section 5.05.B of this Agreement.

4. Any wheeling charges imposed by California Water Service Company for delivery of Irrigation Well Owner Replacement Water shall be considered Regional transmission and distribution expenses under Section 5.05.D of this Agreement.

F. The SFPUC will audit (1) operation and maintenance expenses submitted by the Participating Pumpers, and (2) well pumping expenses submitted by the Irrigation Well Owners,

for reimbursement to confirm that such costs were incurred, respectively, as a result of (1) operating Project Facilities and Shared Facilities for a Regional benefit and (2) complying with mitigation obligations in the Project MMRP. Costs associated with the use of Project Facilities or Shared Facilities for Direct Retail or Direct Wholesale purposes, or that do not otherwise provide Regional benefits, shall not be included in the Wholesale Revenue Requirement. The SFPUC is responsible for resolving disputes with the Participating Pumpers and Irrigation Well Owners concerning expense allocations. Project expense documentation, including documentation of negotiation and settlement of disputed costs, will be available for review during the Compliance Audit described in Section 7.04 of this Agreement. The Wholesale Customers may dispute the SFPUC's resolution of expense allocations through the arbitration provisions in Section 8.01 of this Agreement.

G. The SFPUC may direct the Participating Pumpers to recover water from the SFPUC Storage Account for any type of shortage referenced in Section 3.11 of this Agreement. Water recovered from the SFPUC Storage Account using Project Facilities and Shared Facilities may be used for (1) the benefit of all Regional Water System customers; (2) Retail Customers; or (3) one or more of the Participating Pumpers. The Wholesale Revenue Requirement shall only include operation and maintenance expenses incurred due to the operation of Project Facilities and Shared Facilities for Regional benefits, including expenses incurred due to compliance with mitigation measures in the Project MMRP.

H. All water recovered during shortages caused by drought from the SFPUC Storage Account for Regional benefit, by the Participating Pumpers and by the SFPUC for delivery to Retail and Wholesale Customers, shall be used to free up a comparable volume of surface water from the Regional Water System for allocation in accordance with the Tier 1 Shortage Plan.

I. If the Project is terminated for any reason, including breach of the Project Operating Agreement by one or more of the Participating Pumpers or the SFPUC, a force majeure event as specifically defined by the Project Operating Agreement, or due to regulatory action or legal action, then:

1. Any water remaining in the SFPUC Storage Account shall be used for the benefit of all customers of the Regional Water System;

2. Outstanding eligible operation and maintenance expenses, including costs incurred during recovery of remaining stored water, will be allocated as provided in this Section 3.17 of this Agreement; and

3. If Project Facilities are no longer capable of being used for a Regional benefit, the Wholesale Customers will be credited with their share of proceeds from disposition of Project Facilities or reimbursed their share of such capital costs for any Project Facilities which are retained by the SFPUC for Direct Retail benefit and not used for the benefit of the Wholesale Customers, on the basis of (a) original cost less depreciation and outstanding related Indebtedness or (b) original cost less accumulated depreciation for revenue funded Project Facilities.

J. In the event that a Participating Pumper establishes the occurrence of a force majeure event as defined in the Project Operating Agreement, the SFPUC may enter into negotiations with the Participating Pumper to take over the operation of the portion of any Shared Facilities used for Project purposes for continued Regional use. If the SFPUC cannot reach agreement regarding the continued use of Shared Facilities for ongoing Regional benefit, the Participating Pumper shall reimburse the SFPUC and the Wholesale Customers for their respective shares of previously incurred Project capital costs used to upgrade the Shared Facilities on the basis of (a) original cost less depreciation and outstanding related Indebtedness or (b) original cost less accumulated depreciation for revenue funded Shared Facilities. In the event that the SFPUC seeks to take over the operation of Shared Facilities for Direct Retail use, or one or more Wholesale Customers seeks to negotiate with a Participating Pumper to take over the operation of Shared Facilities for individual use or Direct Wholesale use, the party or parties benefiting from such transfer of Shared Facilities shall reimburse the other parties to this Agreement with their respective shares of previously incurred Project capital costs on the basis described in the previous sentence, or as the parties may otherwise agree.

3.18. Water Supply Agreement Amendment Required.

San Francisco may not change the existing condition of the Hetch Hetchy Reservoir by:

1. Abandoning or decommissioning O'Shaughnessy Dam; or
2. Draining Hetch Hetchy Reservoir, except for purposes of (i) repair, rehabilitation, maintenance, improvement, or reconstruction of O'Shaughnessy Dam or appurtenances, (ii) supplying water to the Bay

Area during drought, or (iii) meeting water release requirements under the Raker Act, or federal or state law,

unless the parties enter into an amendment to the Water Supply Agreement, in full force and effect, adopted in accordance with Section 2.03.

The amendment shall state, or restate, as the case may be:

A. The level of service goals for seismic reliability and delivery reliability adopted by the Commission in conjunction with such proposed changes to the Regional Water System, provided such goals are at least as protective of the Wholesale Customers as the Level of Service Goals and Objectives;

B. The level of water quality to be delivered, which is currently provided for in Section 3.08, and

C. The specific cost allocation procedures, written as an amendment to Article 5, which apply to (1) the abandonment or decommissioning of O'Shaughnessy Dam, or (2) the draining of Hetch Hetchy Reservoir, and (3) the development, operation and maintenance of New Regional Assets that may be required to replace water supplied by Hetch Hetchy Reservoir and delivered to the Bay Area.

In the event that the parties are not able to agree upon and approve an amendment to the Water Supply Agreement as set forth above, San Francisco may not abandon or decommission O'Shaughnessy Dam or drain Hetch Hetchy Reservoir.

Article 4. Implementation of Interim Supply Limitation.

4.01. Interim Supply Limitation Imposed by SFPUC

In adopting the WSIP in Res. No. 08-0200, the Commission included full implementation of all proposed WSIP capital improvement projects to achieve Level of Service Goals and Objectives relating to public health, seismic safety, and delivery reliability, but decided to adopt a water supply element that includes the Interim Supply Limitation. This article describes how the parties will implement the Interim Supply Limitation imposed by the SFPUC between the Effective Date and December 31, 2018, and how the SFPUC will conduct water supply planning after December 31, 2018.

4.02. Retail and Wholesale Customer Allocations Under Interim Supply Limitation

The Interim Supply Limitation is allocated as follows between Retail and Wholesale Customers:

Retail Customers' allocation: 81 MGD

Wholesale Customers' allocation: 184 MGD

The Wholesale Customers' collective allocation of 184 MGD under the Interim Supply Limitation includes the demand of the cities of San Jose and Santa Clara, whose demand is not included in the Supply Assurance, as provided in Section 3.02.B. By December 31st, 2010, the Commission will establish each Wholesale Customer's Interim Supply Allocation at a public meeting.

4.03. Transfers of Interim Supply Allocations

A. Any Wholesale Customer, including Hayward, may transfer a portion of its Interim Supply Allocation to one or more other Wholesale Customers, as provided in this section. All Wholesale Customers are also eligible transferees, including California Water Service Company up to its Individual Supply Guarantee.

B. Transfers of a portion of an Interim Supply Allocation must be prospective. The duration of a transfer cannot be less than the balance of the fiscal year. The minimum quantity that may be transferred is 1/10th of a MGD.

C. Transfers of portions of Interim Supply Allocations are subject to approval by the SFPUC. SFPUC review is limited to determining (1) whether a proposed transfer complies with

the Act, and (2) whether the affected facilities in the Regional Water System have sufficient capacity to accommodate delivery of the increased amount of water to the proposed transferee.

D. The participants in a proposed transfer shall provide notice to the SFPUC specifying the amount of the Interim Supply Allocation proposed to be transferred and the proposed effective date of the transfer, which shall not be less than 60 days after the notice is submitted to the SFPUC. The SFPUC may require additional information reasonably necessary to evaluate the operational impacts of the transfer. The SFPUC will not unreasonably withhold or delay its approval; if the SFPUC does not act on the notice within 60 days, the transfer will be deemed to have been approved.

E. Within 30 days after the transfer has become effective, both the transferor and the transferee will provide written notice to the SFPUC and BAWSCA.

F. Transfers of Interim Supply Allocations shall continue in effect until the earlier of (1) delivery of written notice to the SFPUC by the transfer participants that the transfer has been rescinded or (2) December 31, 2018.

4.04. Environmental Enhancement Surcharge

A. **Establishment of Environmental Enhancement Surcharge**. Beginning with wholesale water rates for fiscal year 2011-2012, and continuing for the duration of the Interim Supply Limitation, the Commission will establish the Environmental Enhancement Surcharge concurrently with the budget-coordinated rate process set forth in Article 6 of this Agreement. The monetary amount of the Environmental Enhancement Surcharge per volume of water, such as dollars per acre-foot, will be equivalent for Retail Customer use in excess of 81 MGD and Wholesale Customer use in excess of 184 MGD. The Environmental Enhancement Surcharge will be simple to calculate so that Wholesale Customers can estimate potential surcharges for budgeting purposes and establish retail rates within their service areas.

B. **Application of Environmental Enhancement Surcharge**. Beginning in fiscal year 2011-12, the Environmental Enhancement Surcharge will be levied only if and when combined Retail Customer and Wholesale Customer purchases exceed the Interim Supply Limitation of 265 MGD and if the fund described in subsection D below has been established by the San Francisco Board of Supervisors. In that event, the Environmental Enhancement Surcharge will apply to Retail Customers for use in excess of 81 MGD and to individual

Wholesale Customers for use in excess of their Interim Supply Allocations established by the Commission pursuant to Section 4.02.

1. Environmental Enhancement Surcharges related to the Retail Customers' use in excess of their 81 MGD Retail Customer Allocation will be paid by the SFPUC, and no portion of such surcharges may be allocated to Wholesale Customers. The method of recovering the Environmental Enhancement Surcharges imposed upon Retail Customers shall be within the sole discretion of the SFPUC.

2. Environmental Enhancement Surcharges related to the individual Wholesale Customers' use in excess of their respective Interim Supply Allocations will be paid to the SFPUC by individual Wholesale Customers.

C. **Collection of Environmental Enhancement Surcharge**. Notwithstanding the budget-coordinated rate setting process contemplated in Article 6 of this Agreement, the Environmental Enhancement Surcharge for any given year will be determined retrospectively based on actual annual usage during the fiscal year in excess of the Interim Supply Allocation and paid in equal monthly installments over the remainder of the immediately following fiscal year.

D. **Establishment of Fund for Environmental Enhancement Surcharge Proceeds**. Environmental Enhancement Surcharges paid by the SFPUC and by Wholesale Customers will be placed into a restricted reserve fund. The SFPUC will request the San Francisco Board of Supervisors to establish this fund by ordinance and, if adopted, the fund will be subject to the following restrictions:

1. Interest earnings will stay in the reserve fund.
2. The reserve fund shall (a) be subject to automatic appropriation; (b) require unexpended and unencumbered fund balances to be carried forward from year to year; and (c) not be transferred to the San Francisco General Fund.
3. The reserve fund may be used only for specific environmental restoration and enhancement measures for the Sierra and local watersheds, such as those included in the Watershed Environmental Improvement Program.
4. Environmental Enhancement Surcharge proceeds shall be expended in an expeditious manner. Any Environmental Enhancement Surcharge

proceeds that remain in the reserve fund as of December 31, 2018 shall be used to complete projects previously approved under subsection E. Upon completion of the identified projects, the balance of any unexpended sums in the reserve fund shall be distributed to BAWSCA and the SFPUC in proportion to the total amount of surcharges assessed to the Wholesale and Retail Customers, respectively.

E. **Use of Environmental Enhancement Surcharge Proceeds**. Specific uses of Environmental Enhancement Surcharges will be decided by the SFPUC and BAWSCA General Managers following input from environmental stakeholders and other interested members of the public. If parties are unable to agree, then they will jointly select a third person to participate in making the decision.

4.05. San Jose/ Santa Clara Interim Supply Allocation and Process for Reduction/ Termination.

San Francisco will supply a combined annual average of 9 MGD to the cities of San Jose and Santa Clara through 2028. Water supplied by San Francisco may only be used in the defined service areas of San Jose and Santa Clara shown on Attachment Q-1 and Q-2, respectively. San Francisco may reduce the quantity of water specified in this section when it establishes the Interim Supply Allocations for Wholesale Customers in Section 4.02. The establishment of Interim Supply Allocations for San Jose and Santa Clara shall not be considered a reduction of supply within the meaning of this section, provided that the Interim Supply Allocations assigned to San Jose and Santa Clara do not effect a reduction greater than the aggregate average reduction in Individual Supply Guarantees for Wholesale Customers that have such guarantees. The application of Interim Supply Allocations to San Jose and Santa Clara, and water supply planning after December 31, 2018, are subject to the following provisions:

A. In December 2010 and in each December thereafter through 2027, the SFPUC shall prepare and the Commission shall consider, at a regularly scheduled public meeting, a Water Supply Development Report detailing progress made toward (1) meeting the Interim Supply Limitation by June 30, 2018 and (2) developing additional water supplies that will allow the Commission to designate San Jose and Santa Clara as permanent Wholesale Customers of the Regional Water System with a combined Individual Supply Guarantee of up to 9 MGD by the end of the Term on June 30, 2034.

B. The annual Water Supply Development Report shall be based on water purchase projections and work plans prepared by the SFPUC for the Retail Customers and by BAWSCA for the Wholesale Customers, respectively, and submitted to the Commission in June of each year beginning in 2010.

C. If the Commission finds that the projections in the Water Supply Development Report show that (1) the Interim Supply Limitation will not be met by June 30, 2018, as a result of Wholesale Customers' projected use exceeding 184 MGD, or (2) the purchases of the Wholesale Customers, including San Jose and Santa Clara, are projected to exceed 184 MGD before June 30, 2028, the Commission may issue a conditional ten year notice of interruption or reduction in supply of water to San Jose and Santa Clara.

D. Upon issuance of the conditional notice of interruption or reduction, the SFPUC will prepare a new analysis of water supply that will be utilized by the San Francisco Planning Department in its preparation of any necessary documentation under CEQA pursuant to Section 4.07 on the impacts of interrupting or reducing service to San Jose and Santa Clara.

E. Such notice of interruption or reduction will be rescinded if the Commission finds, based upon a subsequent annual Water Supply Development Report, that (1) sufficient progress has been made toward meeting the Interim Supply Limitation, or (2) projections show that the projected purchases of the Wholesale Customers, including San Jose and Santa Clara, will not exceed 184 MGD by June 30, 2028.

F. In no case shall any interruption or reduction of service to San Jose or Santa Clara pursuant to this section become effective less than two years from the completion of the CEQA process (not including resolution of any appeals or litigation) or ten years from the notice, whichever is longer. If the ten year notice is issued after 2018, such interruption or reduction would be effective after 2028.

G. If deliveries to San Jose and Santa Clara are interrupted, existing turnout facilities to San Jose and Santa Clara will remain in place for possible use during emergencies.

H. San Francisco and the cities of San Jose and Santa Clara will cooperate with BAWSCA and the Santa Clara Valley Water District in the identification and implementation of additional water sources and conservation measures for the cities' service areas that are

relevant to the water supply and the possible offer of permanent status for the two cities by the SFPUC.

4.06. San Francisco Decisions in 2028 Regarding Future Water Supply

A. By December 31, 2028, San Francisco will have completed any necessary CEQA review pursuant to Section 4.07 that is relevant to making San Jose and Santa Clara permanent customers of the Regional Water System and will decide whether or not to make San Jose and Santa Clara permanent customers of the Regional Water System with a combined Individual Supply Guarantee of 9 MGD allocated equally between the two cities, as well as how much water in excess of 9 MGD it will supply to San Jose and Santa Clara. San Francisco will make San Jose and Santa Clara permanent customers only if, and to the extent that, San Francisco determines that Regional Water System long term water supplies are available. In the event that San Francisco decides to afford permanent status to San Jose and Santa Clara, this Agreement will be amended pursuant to Section 2.03.

B. By December 31, 2028, San Francisco will have completed any necessary CEQA review pursuant to Section 4.07 and will decide how much water, if any, in excess of the Supply Assurance it will supply to Wholesale Customers from the Regional Water System to meet their projected future water demands until the year 2040, and whether to offer a corresponding increase in the Supply Assurance as a result of these determinations.

4.07. Retained Discretion of SFPUC and Wholesale Customers

A. This Agreement contemplates discretionary actions that the SFPUC and the Wholesale Customers may choose to take in the future that could result in physical changes to the environment ("Discretionary Actions"). The Discretionary Actions include decisions to:

1. Develop additional or alternate water resources by the SFPUC or one or more Wholesale Customers;
2. Implement the physical facilities comprising the WSIP by December 30, 2021;
3. Approve wheeling proposals by Wholesale Customers;
4. Approve new wholesale customers and water exchange or cost sharing agreements with other water suppliers;
5. Provide additional water to San Jose and/or Santa Clara;
6. Offer permanent status to San Jose and/or Santa Clara;

7. Reduce or terminate supply to San Jose and/or Santa Clara;
8. Provide additional water to Wholesale Customers in excess of the Supply Assurance to meet their projected future water demands;
9. Offer a corresponding volumetric increase in the Supply Assurance; and
10. Implement the Hetch Hetchy Water and Power projects listed in Attachment R-2.

The Discretionary Actions may require the SFPUC or Wholesale Customers to prepare environmental documents in accordance with CEQA prior to the SFPUC or the Wholesale Customers determining whether to proceed with any of the Discretionary Actions. Accordingly, and notwithstanding any provision of this Agreement to the contrary, nothing in this Agreement commits the SFPUC or the Wholesale Customers to approve or carry out any Discretionary Actions that are subject to CEQA. Furthermore, the SFPUC's or Wholesale Customers' decisions to approve any of these Discretionary Actions are subject to the requirement that San Francisco and each Wholesale Customer, as either a "Lead Agency" (as defined in Section 21067 of CEQA and Section 15367 of the CEQA Guidelines) or a "Responsible Agency" (as defined in Section 21069 of CEQA and Section 15381 of the CEQA Guidelines) shall have completed any CEQA-required environmental review prior to approving a proposed Discretionary Action.

B. In considering any proposed Discretionary Actions, the SFPUC and Wholesale Customers retain absolute discretion to: (1) make such modifications to any of the proposed Discretionary Actions as may be necessary to mitigate significant environmental impacts; (2) select feasible alternatives to the proposed Discretionary Actions that avoid significant adverse impacts; (3) require the implementation of specific measures to mitigate the significant adverse environmental impacts as part of the decision to approve the Discretionary Actions; (4) balance the benefits of the proposed Discretionary Actions against any significant environmental impacts before taking final actions to approve the proposed Discretionary Actions if such significant impacts cannot otherwise be avoided; or (5) determine not to proceed with the proposed Discretionary Actions.

Article 5. Wholesale Revenue Requirement

5.01. Scope of Agreement

This Article shall be applicable only to the water rates charged by San Francisco to the Wholesale Customers. Nothing contained in this Agreement shall limit, constrain, or in any way affect the rates which San Francisco may charge for water sold to Retail Customers or the methodology by which such rates are determined.

5.02. General Principles

This Article sets forth the method by which the Wholesale Customers' collective share of expenses incurred by the SFPUC in delivering water to them will be determined. This collective share is defined as the "Wholesale Revenue Requirement."

A. The SFPUC currently operates several enterprises, including the Water Enterprise, the Wastewater Enterprise, and the Hetch Hetchy Enterprise.

B. The Wastewater Enterprise is responsible for treating sewage within San Francisco and provides no benefit to the Wholesale Customers.

C. The Hetch Hetchy Enterprise is responsible for storing and transmitting water to the Water Enterprise, generating hydroelectric power and transmitting it to San Francisco, generating electric power within San Francisco, and distributing electricity and steam heat within San Francisco. Its water supply operations provide benefits to the Wholesale Customers.

D. The Water Enterprise delivers water to both Retail Customers, which are located both within and outside San Francisco, and to the Wholesale Customers, all of which are located outside San Francisco.

E. This Article implements two general principles as follows: (1) the Wholesale Customers should not pay for expenses of SFPUC operations from which they receive no benefit and (2) the Wholesale Customers should pay their share of expenses incurred by the SFPUC in delivering water to them on the basis of Proportional Annual Use unless otherwise explicitly provided in this Agreement.

F. To implement these general principles, the Wholesale Revenue Requirement will consist of, and be limited to, the Wholesale Customers' shares of the following categories of expense:

1. Capital cost recovery of Water Enterprise Existing Assets, and Hetch Hetchy Enterprise Existing Assets classified as Water-Only and the Water-Related portion of Joint assets (Section 5.03)

2. Contribution to the capital cost of Water Enterprise New Regional Assets (Section 5.04)

3. Water Enterprise operation and maintenance expenses, including power purchased from the Hetch Hetchy Enterprise that is used in the operation of the Water Enterprise (Section 5.05)

4. Water Enterprise administrative and general expenses (Section 5.06)

5. Water Enterprise property taxes (Section 5.07)

6. The Water Enterprise's share of the Hetch Hetchy Enterprise's operation and maintenance, administrative and general, and property tax expenses (Section 5.08)

7. The Water Enterprise's share of the Hetch Hetchy Enterprise's capital cost of New Assets classified as Water-Only and the Water-Related portion of Joint assets (Section 5.09)

In each of these cost categories, Direct Retail Expenses will be allocated entirely to Retail Customers. Direct Wholesale Expenses will be allocated entirely to the Wholesale Customers. Regional Expenses will be allocated between Retail Customers and Wholesale Customers as provided in this Article.

G. For purposes of establishing the rates to be charged Wholesale Customers, expenses will be based on the budget for, and estimates of water purchases in, the following fiscal year, as provided in Article 6. For purposes of accounting, the Wholesale Revenue Requirement will be determined on the basis of actual expenses incurred and actual water use, as provided in Article 7.

H. In addition, rates charged to Wholesale Customers may include the Wholesale Customers' contribution to a Wholesale Revenue Coverage Reserve, as provided in Section 6.06, which is not included in the Wholesale Revenue Requirement itself.

5.03. Capital Cost Recovery - Existing Regional Assets

A. SFPUC has previously advanced funds to acquire or construct Existing Assets used and useful in the delivery of water to both Wholesale Customers and Retail Customers. The parties estimate that the Wholesale Customers' share of the net book value of these assets, as of the expiration of the 1984 Agreement on June 30, 2009, will be approximately $366,734,424, as shown on Attachment K-1.

B. In addition, SFPUC has also previously advanced funds received from Retail Customer revenues to acquire or construct assets included in Construction-Work-In-Progress (CWIP) as of June 30, 2009. The parties estimate that the Wholesale Customers' share of the book value of these revenue funded capital expenditures, as of the expiration of the 1984 Agreement on June 30, 2009, will be approximately $15,594,990, as shown on Attachment K-2. The Wholesale Customers shall pay their share of the cost of Existing Assets and revenue-funded CWIP by amortizing the amounts shown on Attachment K-1 and Attachment K-2 over 25 years at an interest rate of 5.13 percent. The amounts to be included in the Wholesale Revenue Requirement pursuant to this section shall be the sum of the annual principal and interest amounts shown on Attachments K-3 (for Water Enterprise Regional Assets and the one Direct Wholesale Asset) and K-4 (for Hetch Hetchy Enterprise Water-Only Assets and the Water-Related portion [45 percent] of Joint assets) calculated on the basis of monthly amortization of principal as set forth on Attachments K-3 and K-4.

C. In addition, the Commission has previously appropriated funds, advanced through rates charged to Retail Customers, for construction of capital projects. Some of these projects are active, and have unexpended balances of appropriated funds that are not included in CWIP as of June 30, 2009. These projects, and the associated balances, are shown on Attachment K-5. Expenditures of funds from these balances during FY 2009-10, FY 2010-11 and FY 2011-12 will be reviewed in FY 2012-13. The SFPUC will prepare a report showing the amount expended in each year on each project and the total expended during all years on all projects that are categorized as Regional or, in the case of Hetch Hetchy Enterprise, are categorized as either Water-Only or Joint. The wholesale share of that total will be determined using the allocation principles in this Agreement based on Proportional Water Use during those three years. The result, plus accrued interest at the rate specified in Section 6.05.B, will be calculated by the SFPUC and its calculation reviewed by the Compliance Auditor as part of the Compliance Audit for FY 2012-13. The audited total will be paid based on a schedule of level

annual principal and interest amounts over ten years at an interest rate of 4.00%, calculated on a monthly amortization basis. All or any portion of the balance may be prepaid. The first year's payment will be included in the Wholesale Revenue Requirement for FY 2014-15.

D. The parties agree that the Wholesale Customers' share of the net book values of Existing Regional Assets as of June 30, 2008 as shown on Attachment K-1 are accurate. The compliance audit conducted on the calculation of the FY 2008-09 Suburban Revenue Requirement required by the 1984 Agreement will determine the actual amounts of depreciation on, and capital additions to, plant in service during that fiscal year. Those amounts will be compared to the corresponding estimates shown on Attachments K-1 and K-2. The differences will be added to or subtracted from the estimated asset values shown on Attachments K-1 and K-2 and the amortization schedules in Attachments K-3 and K-4 will be recalculated. The wholesale allocation factors shall be fixed at 70.1% for the Water Enterprise Existing Assets and 64.2% for Hetch Hetchy Enterprise Existing Assets for both the preliminary and final payment schedules. The SFPUC will prepare and provide to the Wholesale Customers revised Attachments K-1 through K-4 based on the Wholesale Customers' share of the net book value of the assets placed in service as of June 30, 2009 used to provide water service to the Wholesale Customers and the net book value of revenue-funded CWIP expended as of June 30, 2009. The revised Attachments K-1 through K-4 shall be approved by the General Manager of the SFPUC and the General Manager/CEO of BAWSCA and will be substituted for the original Attachments K-1 through K-4.

E. The original Attachments K-1 through K-4, based on estimates, shall be used for estimating the Wholesale Revenue Requirement for the fiscal year beginning July 1, 2009. The revised Attachments, based on audited actuals, shall be used to determine the actual Wholesale Revenue Requirement for FY 2009-10 and to determine the Wholesale Revenue Requirement(s) in all subsequent years, except as may be provided elsewhere in this Agreement.

F. The Wholesale Customers, acting through BAWSCA, may prepay the remaining unpaid Existing Assets principal balance, in whole or in part, at any time without penalty or early payment premium. Any prepayments will be applied in the month immediately following the month in which the prepayment is made and the revised monthly amount(s) will be used to calculate the Wholesale Revenue Requirement. Any partial prepayments must be in an amount at least equal to $10 million. In the event of a partial prepayment, an updated schedule for the

remaining payments shall be prepared reflecting the unpaid balance after prepayment, amortized through the end of FY 2034, calculated as provided in this section. The updated schedule, approved by the General Manager of the SFPUC and the General Manager/CEO of BAWSCA, will be substituted for Attachment K-3 and/or Attachment K-4.

5.04. Capital Cost Contribution - New Regional Assets

A. **Debt-Funded Capital Additions**. The Wholesale Customers shall pay the wholesale share of Net Annual Debt Service for New Regional Assets. The Regional projects in the WSIP are identified in Attachment L-1.

1. The amount of Net Annual Debt Service for New Regional Assets will be determined for each series of Indebtedness issued. Until the proceeds of a particular series are Substantially Expended, the amount attributable to specific projects will be based on the expected use of proceeds shown in the "Certificate Regarding Use of Proceeds" executed by the SFPUC General Manager on behalf of the Commission in connection with the sale of the Indebtedness, provided such certificate identifies the use of proceeds at a level of detail equivalent to that shown on Attachment L-2, which is a copy of the certificate prepared for the 2006 Revenue Bonds, Series A. If a certificate does not identify the use of proceeds at that level of detail, the SFPUC General Manager shall prepare and execute a separate certificate which does identify the use of proceeds at the level of detail shown on Attachment L-2 and deliver it to BAWSCA within 15 days from the closing of the sale of the Indebtedness.

2. After the proceeds of a series are Substantially Expended, the SFPUC General Manager will prepare and execute a certificate showing the actual expenditure of proceeds at a level of detail equivalent to the initial General Manager certificate. The resulting allocation of Net Debt Service to New Regional Assets for a series of bonds will be used in the fiscal year in which the proceeds have been Substantially Expended and thereafter. Differences between the amount of Net Debt Service paid by Wholesale Customers prior to that year and the amount of Net Debt Service that they should have paid during that time based on the actual expenditure of proceeds will be taken into account in calculation of the balancing account for the fiscal year in which the proceeds were Substantially Expended. The application of the remaining proceeds shall be proportionate to the allocation of the Net Debt Service to New Regional Assets.

3. The Wholesale Customers' share of Net Annual Debt Service for the New Regional Assets that are categorized as Direct Wholesale will be 100 percent. (None of the

projects in the WSIP are categorized as Direct Wholesale.) The Wholesale Customers' share of Net Annual Debt Service for all other New Regional Assets will be determined each year and will be equal to the Wholesale Customers' Proportional Annual Use.

4. If Indebtedness is issued by the SFPUC to refund the 2006 Revenue Bonds, Series A or to refund any other long-term Indebtedness issued after July 1, 2009, the Net Annual Debt Service attributable to proceeds used for refunding will be allocated on the same basis as the Indebtedness being refunded.

5. The SFPUC will prepare an annual report showing for each issue of Indebtedness and through the most recently completed fiscal year: (1) net financing proceeds available to pay project costs, (2) actual earnings on proceeds, (3) actual expenditures by project. The report shall be substantially in the form of Attachment L-3 and shall be delivered to BAWSCA on or before November 30 of each year, commencing November 2009.

6. In addition to Net Debt Service, Wholesale Customers will pay a proportionate share of annual administrative costs associated with Indebtedness, such as bond trustee fees, credit rating agency fees, letter of credit issuer fees, San Francisco Revenue Bond Oversight Committee fees, etc., but only to the extent such fees are neither paid from proceeds of Indebtedness nor included in SFPUC operation and maintenance or administrative and general expenses.

B. **Revenue-Funded Capital Additions**. The Wholesale Customers shall pay the wholesale share of the appropriation contained in the SFPUC annual budget for each year to be used to acquire or construct New Regional Assets. If such appropriations are reimbursed from proceeds of Indebtedness, the Wholesale Customers will be credited for prior payments made under this Section 5.04.B.

The Wholesale Customers' share of the annual appropriation for revenue-funded New Regional Assets that are categorized as Direct Wholesale will be 100 percent. (None of the Repair and Replacement projects in the SFPUC's most recent capital improvement program updated on February 10, 2009, is categorized as Direct Wholesale.) The Wholesale Customers' share of the annual appropriation for all other revenue-funded New Regional Assets will be determined each year and will be equal to the Wholesale Customers' Proportional Annual Use in each fiscal year. The amount appropriated in each fiscal year for the wholesale share of New Regional Assets shall be contributed to the Wholesale Capital Fund described in Section 6.08 and reported on and administered as shown in that section and Attachments M-1 through M-3.

5.05. Water Enterprise Operation and Maintenance Expenses

There are five categories of Water Enterprise Operation and Maintenance Expenses, described below:

A. Source of Supply

1. Description: This category consists of the costs of labor, supervision and engineering; materials and supplies; and other expenses incurred in the operation and maintenance of collecting and impounding reservoirs, dams, wells and other water supply facilities located outside San Francisco; watershed protection; water supply planning; and the purchase of water.

2. Allocation: Direct Retail expenses, including water supply planning for Retail operations (such as City Retail water conservation programs), will be assigned to the Retail Customers. Regional expenses will be allocated between Retail Customers and Wholesale Customers on the basis of Proportional Annual Use. Direct Wholesale expenses will be assigned to the Wholesale Customers. (As of the Effective Date there are no Direct Wholesale expenses in the Source of Supply category.)

B. Pumping

1. Description: This category consists of the costs of labor, supervision and engineering; materials and supplies; and other expenses incurred in the operation and maintenance of water pumping plants, ancillary structures and equipment and surrounding grounds; and fuel and power purchased for pumping water.

2. Allocation: Direct Retail expenses will be assigned to the Retail Customers. Regional expenses will be allocated between Retail Customers and Wholesale Customers on the basis of Proportional Annual Use. Direct Wholesale expenses will be assigned to the Wholesale Customers. (As of the Effective Date there are no Direct Wholesale expenses in the Pumping category.)

C. Treatment

1. Description: This category consists of the costs of labor, supervision and engineering; materials and supplies and other expenses incurred in the operation and maintenance of water treatment plants and drinking water quality sampling and testing. The cost of water quality testing will not include expenses incurred on behalf of the Wastewater

Enterprise. Any remaining costs, after adjusting for the Wastewater Enterprise, will be reduced by the amount of revenue received for laboratory analyses of any type performed for agencies, businesses and/or individuals other than the Water and Hetch Hetchy Enterprises.

2. Allocation: Direct Retail expenses will be assigned to the Retail Customers. Regional expenses will be allocated between Retail Customers and Wholesale Customers on the basis of Proportional Annual Use. Direct Wholesale expenses will be assigned to the Wholesale Customers. (As of the Effective Date there are no Direct Wholesale expenses in the Treatment category.)

D. **Transmission and Distribution**

1. Description: This category consists of the cost of labor, supervision and engineering; materials and supplies; and other expenses incurred in the operation and maintenance of transmission and distribution pipelines, appurtenances, meters (other than those expenses payable by individual Wholesale Customers pursuant to Section 5.10.C.3), distribution reservoirs storing treated water, craft shops and auto shops servicing vehicles used for operation and maintenance of the Regional Water System rather than for Direct Retail facilities, and miscellaneous facilities related to the transmission and distribution of water.

2. Allocation: Direct Retail Transmission and Distribution expenses will be assigned to the Retail Customers. Regional Transmission and Distribution expenses will be allocated between Retail and Wholesale Customers on the basis of Proportional Annual Use. Expenses incurred for the operation and maintenance of three terminal reservoirs, i.e., Sunset Reservoir (North and South Basins), University Mound Reservoir (North and South Basins), and Merced Manor Reservoir, as well as transmission pipelines delivering water to them, are classified as Regional expenses notwithstanding the location of the reservoirs within San Francisco. Direct Wholesale expenses will be assigned to the Wholesale Customers. (As of the Effective Date the only Direct Wholesale expenses in the Transmission and Distribution category are associated with the Palo Alto pipeline.)

E. **Customer Services**

1. Description: This category consists of labor; materials and supplies; and other expenses incurred for meter reading, customer record keeping, and billing and collection for the Water Enterprise.

2. Allocation: Customer Services expenses will be allocated among the Water Enterprise, the Wastewater Enterprise, and Hetch Hetchy Enterprise in proportion to the time spent by employees in Customer Services for each operating department/enterprise. The Water Enterprise's share of Customer Services expense will be allocated 98 percent to the Retail Customers and two percent to the Wholesale Customers, as illustrated on Attachment N-2, Schedule 1.

5.06. Water Enterprise Administrative and General Expenses

Administrative and General expenses consist of the Water Enterprise's share of the cost of general government distributed through the full-cost Countywide Cost Allocation Plan, the services of SFPUC support bureaus, Water Enterprise administrative and general expenses that cannot be directly assigned to a specific operating and maintenance category, and the cost of the Compliance Audit. These four subcategories, and the method by which costs in each are to be calculated and allocated, are as follows:

A. **Countywide Cost Allocation Plan**

1. Description: This subcategory consists of the Water Enterprise's share of the costs of San Francisco general government and other City central service departments which are not directly billed to the Water Enterprise or other operating departments. All San Francisco operating departments are assigned a prorated share of these costs through the full-cost Countywide Cost Allocation Plan (COWCAP) prepared annually by the San Francisco Controller.

2. Allocation: The Water Enterprise's assigned share of central government costs as shown in the annual full-cost COWCAP prepared by the San Francisco Controller, will be allocated between Retail Customers and Wholesale Customers on the basis of the composite percentage of the allocated expenses in the five categories of operation and maintenance expense described in Section 5.05. The composite wholesale percentage shown on Attachment N-2, Schedule 1 is 42.07 percent, derived by dividing the wholesale share of Operation and Maintenance expenses ($46,573,883) by total Operation and Maintenance expenses ($110,700,133).

B. **Services of SFPUC Bureaus**

1. Description: This subcategory consists of the support services provided to the Water Enterprise by the SFPUC Bureaus, which presently consist of the General

Manager's Office, Business Services, External Affairs, and Infrastructure Bureau. Business Services presently includes Financial Services, Information Technology Services, Human Resource Services, Fleet Management, and Customer Services.

2. Allocation: There are three steps involved in determining the Wholesale Customers' share of SFPUC Bureau costs.

a. Step One: Bureau expenses which have either been recovered separately or which provide no benefit to Wholesale Customers will be excluded. Examples of Bureau expenses recovered separately include (1) Customer Services expenses, which are recovered as provided in Section 5.05.E, and (2) Infrastructure expenses, which are assigned to individual projects and capitalized. An example of a Bureau expense that provides no benefit to Wholesale Customers is Information Technology Services expenses for support of the San Francisco Municipal Railway. In addition, the SFPUC will continue its practice of assigning City Attorney Office expenses charged to the General Manager's Office for projects or lawsuits that relate to only one enterprise directly to that enterprise. For example, costs related to a lawsuit involving the Wastewater Enterprise will not be assigned to the Water Enterprise.

b. Step Two: Bureau expenses adjusted as provided in Step One will be allocated among the Water Enterprise, the Wastewater Enterprise and the Hetch Hetchy Enterprise on the basis of the actual salaries of employees in each enterprise or department, as illustrated on Attachment N-2, Schedule 7.

c. Step Three: The amount allocated to the Water Enterprise through Step Two will be allocated between Retail Customers and Wholesale Customers on the basis of Proportional Annual Use.

C. **Water Enterprise Administrative and General**

1. Description: This category includes expenses incurred by the Water Enterprise that are not readily assignable to specific operating divisions. This category includes the following expenses:

a. Water Administration: This includes the costs of labor and other expenses of the administrative section of the Water Enterprise, supervision and engineering expenses, professional services, travel and training, equipment purchases, and materials and supplies not directly assignable to a specific operating unit.

b. Services Provided by Other City Departments: This includes charges of other San Francisco departments directly billed to the Water Enterprise

administration by other San Francisco departments for services ordered by the Water Enterprise, such as legal services, risk management, telecommunications, employee relations, purchasing, mail services, and workers compensation claims paid.

c. Litigation and Claims Paid: This includes charges incurred for attorney services and claims and judgments paid in litigation arising from the operation of the Water Enterprise.

2. Allocation: In each of these three subcategories, expenses that benefit only Retail Customers will be excluded. For example, the cost of claims and judgments resulting from a break in or leak from pipelines or reservoirs in the Retail Service Area (with the exception of the three terminal reservoirs and pipelines delivering water to them) will be assigned to the Retail Customers. Remaining Water Enterprise Administrative and General expenses will be allocated between Retail Customers and Wholesale Customers on the basis of the composite percentage of allocated operation and maintenance expense categories described in Section 5.05.

D. Compliance Audit. The cost of the Compliance Audit described in Section 7.04 will be assigned 50 percent to the Retail Customers and 50 percent to the Wholesale Customers.

5.07. Water Enterprise Property Taxes

A. Description: This category consists of property taxes levied against property owned by San Francisco located in Alameda, San Mateo and Santa Clara counties and used and managed by the SFPUC.

B. Allocation: All property taxes paid, net of (1) reimbursements received from lessees and permit holders, and (2) refunds from the taxing authority, are Regional expenses. Net property taxes will be allocated between Retail Customers and Wholesale Customers on the basis of Proportional Annual Use.

5.08. Hetch Hetchy Enterprise Expenses

A. **Introduction**. There are two steps involved in determining the amount of the Wholesale Customers' share of Hetch Hetchy Enterprise expenses.

1. The first step is to determine the Water Enterprise's share of Hetch Hetchy Enterprise operation expenses, maintenance expenses, administrative and general expenses, and property taxes.

2. The second step is to determine the Wholesale Customers' share of expenses allocable to the Water Enterprise.

B. **Determination of the Water-Related Portion of Hetch Hetchy Enterprise Expenses**

1. Operation and Maintenance Expenses: This category consists of the cost of labor, materials and supplies, and other expenses incurred in operating and maintaining Hetch Hetchy Enterprise physical facilities.

a. Description: Expenses associated exclusively with the production and distribution of hydroelectric power (e.g., generating plants and power transmission lines and towers, transformers and associated electric equipment, purchased power, wheeling charges, rental of power lines, etc.) are categorized as Power-Only and are allocated to power. Expenses associated exclusively with the operation and maintenance of facilities that serve only the water function (e.g., water transmission pipelines and aqueducts, activities related to compliance with federal and state drinking water quality laws, etc.) are categorized as Water-Only and are allocated entirely to water. Expenses associated with the operation and maintenance of facilities that serve both the water and power functions (e.g., dams, security programs, etc.) are categorized as Joint and are reallocated as 55 percent Power-Related and 45 percent Water-Related.

2. Administrative and General Expenses: There are three subcategories of Hetch Hetchy Enterprise Administrative and General expenses.

a. Full-Cost Countywide Cost Allocation Plan: This subcategory consists of the cost of San Francisco general government and other City central service departments which are not directly billed to operating departments but allocated through the full-cost Countywide Cost Allocation Plan described in Section 5.06.A. Costs in this subcategory are classified as Joint, and are reallocated as 55 percent Power-Related and 45 percent Water-Related.

b. SFPUC Bureau Costs: This subcategory consists of the expenses described in Section 5.06.B. One hundred percent of Customer Services expenses allocated to the Hetch Hetchy Enterprise are categorized as Power-Only. The remaining amount of Bureau

expenses allocated to the Hetch Hetchy Enterprise pursuant to Section 5.06.B will be reallocated between power and water in proportion to the salaries of Hetch Hetchy Enterprise employees assigned to each function as shown on Attachment N-2, Schedule 7.1.

c. Other Administrative and General: This subcategory includes payments to the United States required by the Act, labor, supervision and engineering and other costs not readily assignable to a specific operation or maintenance function or program. Costs related to power administration (such as long range planning and policy analysis for energy development, administration of power contracts, and administration of work orders to City departments for energy services) are Power-Only costs. Costs related to water administration (such as legal and professional services for the protection of the City's water rights) are Water-Only costs and will be assigned to the Water Enterprise. Costs related to both power administration and water administration (such as general administration, office rents, office materials and supplies, and services of other City departments benefitting to both power and water are Joint administrative and general costs and are reallocated as 55 percent Power-Related and 45 percent Water-Related.

3. Property Taxes. This category consists of property taxes levied against property owned by San Francisco in Tuolumne, Stanislaus, San Joaquin, and Alameda counties and operated and managed by the Hetch Hetchy Enterprise.

Allocation: Property taxes are classified as Joint costs. They will be reallocated as 55 percent Power-Related and 45 percent Water-Related.

C. **Calculation of Wholesale Customers' Share of Hetch Hetchy Enterprise Expenses**. The Water Enterprise's share of Hetch Hetchy Enterprise expenses consist of 100 percent of Water-Only expenses and the Water-Related portion (45%) of Joint expenses.

The Wholesale Customers' share of the sum of the Water Enterprise's share of Hetch Hetchy Enterprise expenses determined under subsection B shall be calculated by multiplying that dollar amount by Adjusted Proportional Annual Use.

5.09. Hetch Hetchy Enterprise Capital Costs

A. **Introduction**. Wholesale Customers are also allocated a share of Hetch Hetchy Enterprise capital costs.

B. **Components of Capital Costs**. The components of Hetch Hetchy Enterprise capital costs are as follows:

1. Existing Assets Cost Recovery. The Wholesale Customers' repayment of their share of Hetch Hetchy Existing Assets (Water-Only and the Water-Related portion [45 percent] of Joint assets) is shown on Attachment K-4 accompanying Section 5.03.

2. Debt Service on New Assets. The Water Enterprise will be assigned 100 percent of Net Annual Debt Service attributable to acquisition and construction of New Hetch Hetchy Enterprise assets that are Water-Only and the Water-Related portion (45 percent) of Net Annual Debt Service on New Hetch Hetchy Enterprise Joint assets. The provisions of Section 5.04.A apply to debt service on New Hetch Hetchy Enterprise assets.

3. Revenue-Funded Capital Additions. The Water Enterprise will be assigned 100 percent of capital expenditures from revenues for New Hetch Hetchy Enterprise assets that are Water-Only and the Water-Related portion (45 percent) of such expenditures for new Hetch Hetchy Enterprise Joint assets. The provisions of Section 5.04.B apply to the payment of New revenue-funded Hetch Hetchy Enterprise assets.

C. **Calculation of Wholesale Customers' Share of Hetch Hetchy Enterprise Capital Costs**. The Wholesale Customers' share of the Net Annual Debt Service and revenue funded capital expenditures determined under subsections B.2 and 3 shall be calculated by multiplying that dollar amount by Adjusted Proportional Annual Use.

5.10. Additional Agreements Related to Financial Issues

A. **Wholesale Customers Not Entitled to Certain Revenues**. The Wholesale Customers have no entitlement to any of the following sources of revenue to the SFPUC.

1. Revenues from leases or sales of SFPUC real property.

2. Revenues from the other utility services such as the sale of electric power, natural gas and steam.

3. Revenues from the sale of water to customers and entities other than the Wholesale Customers.

4. Revenues earned from the investment of SFPUC funds other than funds contributed by the Wholesale Customers to the Wholesale Revenue Coverage Reserve described in Section 6.06 or the Wholesale Capital Fund described in Section 6.08. Wholesale Customers are also entitled to the benefit of earnings on proceeds of Indebtedness (through

expenditure on New Regional Assets and /or application to Debt Service) and to interest on the Balancing Account as provided in Section 6.05.B.

5. Revenues not related to the sale of water.

B. **Wholesale Customers Not Charged with Certain Expenses**. The Wholesale Customers will not be charged with any of the following expenses:

1. Capital costs for assets constructed or acquired prior to July 1, 1984 other than Existing Asset costs that are repaid pursuant to Section 5.03.

2. Expenses incurred by the SFPUC for generation and distribution of electric power, including Hetch Hetchy Enterprise Power-Only expenses and the Power-Related share of Hetch Hetchy Enterprise Joint expenses. An exception to this is Regional energy costs incurred by the Water Enterprise, for which Wholesale Customers are charged on the basis of Proportional Annual Use.

3. Expenses incurred by SFPUC in providing water to Retail Customers.

4. Expenses associated with the SFPUC's accruals or allocations for uncollectible Retail Water accounts.

5. Attorneys' fees and costs incurred by the Wholesale Customers that a court of competent jurisdiction orders San Francisco to pay as part of a final, binding judgment against San Francisco as provided in Section 8.03.B.2.

6. Any expenses associated with funding any reserves (other than the required Wholesale Revenue Coverage Reserve described in Section 6.06) accrued and not anticipated to be paid within one year unless such reserve is established by mutual agreement of the SFPUC and BAWSCA.

7. Any expenses accrued in respect to pending or threatened litigation, damage or personal injury claims or other loss contingencies unless projected to be paid within one year. Otherwise, such expenses will be charged to the Wholesale Customers when actually paid.

8. Any expense associated with installing, relocating, enlarging, removing or modifying meters and service connections at the request of an individual Wholesale Customer.

9. The Retail Customers' portion of any Environmental Enhancement Surcharges imposed to enforce the Interim Supply Limitation set forth in Section 4.04.

C. **Revenues Not Credited to Payment of Wholesale Revenue Requirement**. The following payments by Wholesale Customers, individually or collectively, are not credited as Wholesale revenues for purposes of Section 6.05.B:

1. Payments by individual Wholesale Customers of the Environmental Enhancement Surcharge imposed to enforce the Interim Supply Limitation set forth in Section 4.04.
2. Payments of attorneys' fees and costs incurred by San Francisco that a court of competent jurisdiction orders the Wholesale Customers to pay as part of a final, binding judgment against the Wholesale Customers, as provided in Section 8.03.B.3.
3. Payments by individual Wholesale Customers for installation, relocation, enlargement, removal or modification of meters and service connections requested by, and charged to, a Wholesale Customer.
4. Payments applied to the amortization of the ending balance in the balancing account under the 1984 Agreement, pursuant to Section 6.05.A.
5. Payments of the Water Management Charge which are delivered to BAWSCA pursuant to Section 3.06.
6. Payments directed to the Wholesale Revenue Coverage Reserve pursuant to Section 6.06.
7. Prepayments authorized by Sections 5.03.C and 5.03.F.

D. **Other**

1. The Wholesale Customers will receive a proportional benefit from funds received by the SFPUC from (a) governmental grants, rebates, reimbursements or other subventions, (b) private-sector grants for Regional capital or operating purposes of the Water Enterprise and the Water-Only and Water-related portion of Joint Hetch Hetchy Water Enterprise expenses, or (c) a SFPUC use of taxable bonds.

2. The Wholesale Customers will receive a proportionate benefit from recovery of damages, including liquidated damages, by SFPUC from judgments against or settlements with contractors, suppliers, sureties, etc., related to Regional Water System projects and the Water-Only and Water-Related portion of Joint Hetch Hetchy Enterprise projects.

3. The SFPUC will continue to charge Wholesale Customers for assets acquired or constructed with proceeds of Indebtedness on which Wholesale Customers paid Debt Service during the Term of this Agreement on the "cash" basis (as opposed to the "utility" basis) after the expiration or earlier termination of this Agreement. The undertaking in this Section 5.10.D.3 will survive the expiration or earlier termination of this Agreement.

5.11. Classification of Existing System Assets.

Existing System Assets of the Regional Water System include the water storage, transmission, and treatment systems owned and operated by San Francisco in Tuolumne, Stanislaus, San Joaquin, Alameda, Santa Clara, San Mateo and San Francisco Counties. These assets are managed by either the Water Enterprise or the Hetch Hetchy Enterprise and the assets have been classified for purposes of cost allocation.

A. **Water Enterprise Assets**. Water Enterprise assets are currently managed, operated, and maintained by the Water Enterprise and are generally located west of Alameda East Portal, in addition to the treatment facilities located at Tesla and the Thomas Shaft Emergency Disinfection Facility. These assets are classified as Direct Retail, Direct Wholesale, or Regional.

B. **Hetch Hetchy Enterprise Assets**. Hetch Hetchy Enterprise assets are currently managed, operated and maintained by the Hetch Hetchy Enterprise and are generally located east of the Alameda East Portal of the Coast Range Tunnel in Sunol Valley, Alameda County. These assets are classified as Power-Only, Water-Only, or Joint, in accordance with Sections 5.08 and 5.09. Through the Wholesale Revenue Requirement, the Wholesale Customers pay Existing System Asset capital costs and operating expenses in accordance with Section 5.02.F and do not pay capital costs or operating expenses associated with assets classified as Direct Retail, Power-Only, and the Power-Related portion of Joint assets.

C. **Attachment R Documents Classifications**. To facilitate WSA administration, Attachment R documents the classification of major Existing System Assets operated by the Hetch Hetchy Enterprise. Attachment R consists of three documents: R-1 Introduction, R-2 Special Classification of Discrete Projects for 2018 Amendment Purposes, and R-3 Major Hetch Hetchy Enterprise Existing System Assets. Attachment R may be modified as specified in Section 5.11.D and in the manner set forth in Section 2.03.C.

D. **Attachment R-3, Major Hetch Hetchy Enterprise Existing System Assets, is Not Exhaustive**. Existing System Assets include, but are not limited to, land; fixed infrastructure such as dams, tunnels, buildings, water treatment plants and pipelines; equipment such as pumps and vehicles; and related appurtenances. Major Hetch Hetchy Enterprise Existing System Assets, and their classifications, are listed in Attachment R-3. Attachment R-3 does not include all assets of the Regional Water System, but represents the parties' best efforts to document major Hetch Hetchy Enterprise Existing System Assets that would incur capital costs and operating expenses subject to cost allocation. The classification of assets listed on R-3 may not be changed during the Term, any Extension Term, and any renewal of the Agreement, however, Attachment R-3 may be modified by mutual agreement in accordance with Section 2.03.C to (1) add an asset that was inadvertently omitted, (2) to add a new asset, and (3) remove a destroyed or obsolete asset. In the event that the parties cannot agree on the classification of any omitted or new assets, the dispute shall be subject to arbitration under Section 8.01.

E. **Attachment R-3, Major Hetch Hetchy Enterprise Existing System Assets, Classifications are Fixed**. The classification of the major Hetch Hetchy Enterprise Existing System Assets is fixed and shall control the allocation of capital costs and operating expenses for the remainder of the Term, any Extension Terms, and any renewal of the Agreement. However, changes may be proposed in accordance with subsection G below. Capital costs and operating expenses are meant to be inclusive of all costs related to assets, including, but not limited to, any alterations, additions, improvements, rehabilitation, replacement of assets, and equipment that is appurtenant thereto. Since asset classifications are fixed in Attachment R-3, asset classifications may not be modified by mutual agreement in accordance with Section 2.03.C.

F. **Attachment R-2, Special Classification of Discrete Projects for 2018 Amendment Purposes**. Past, ongoing and future capital projects involving five Hetch Hetchy Enterprise Existing System Assets defined in Attachment R-2 have classifications that differ from the underlying asset classifications. These project-related classification changes shown on Attachment R-2, are part of the 2018 amendments to the Agreement and are not precedential for any other asset-related capital cost or operating expense. With the exception of the defined projects related to the five assets listed on R-2, the capital projects for all assets follow the asset classifications. Capital projects listed on Attachment R-2 must be approved by the SFPUC following necessary CEQA review.

G. **Five Year Notice of Intent to Renegotiate Cost Allocation**. In the event San Francisco or the Wholesale Customers, which may be represented by BAWSCA, wish to propose and negotiate a change in Existing System Asset classifications, or a change in the Water-Related portion (45 percent) of Joint expenses, for the next Water Supply Agreement, such party must provide the other at least 5 years' written notice prior to the expiration of the Term or Extension Term, or the renewal of the Agreement. At a minimum, the noticing party must provide a comprehensive analysis of the financial and rate impacts of the proposed change at least two years prior to the expiration of the Term or Extension Term, or the renewal of the Agreement.

To meet this requirement, the parties may agree to jointly analyze, under a separate agreement, system capacity and usage and/or new assets, as well as other possible alternative cost allocation methodologies. Either party may also unilaterally initiate such studies by consultants of their choice and bear all their own costs.

Article 6. Integration of Wholesale Revenue Requirement with SFPUC Budget Development and Rate Adjustments

6.01. General

A. The purpose of the allocation bases set forth in Article 5 is to determine the Wholesale Revenue Requirement for each fiscal year. The Wholesale Revenue Requirement can only be estimated in advance, based on projected costs and water deliveries. These projections are used to establish water rates applicable to the Wholesale Customers.

B. After the close of each fiscal year, the procedures described in Article 7 will be used to determine the actual Wholesale Revenue Requirement for that year, based on actual costs incurred, allocated according to the provisions of Article 5, and using actual water delivery data. The amount properly allocated to the Wholesale Customers shall be compared to the amount billed to the Wholesale Customers for the fiscal year, other than those identified in Section 5.10.C. The difference will be entered into a balancing account to be charged to, or credited to, the Wholesale Customers, as appropriate.

C. The balancing account shall be managed as described in Section 6.05.

6.02. Budget Development

The SFPUC General Manager will send a copy of the proposed SFPUC budget to BAWSCA at the same time as it is sent to the Commission. In addition, a copy of materials submitted to the Commission for consideration at meetings prior to the meeting at which the overall SFPUC budget is considered (including (a) operating budgets for the Water Enterprise and the Hetch Hetchy Enterprise, (b) budgets for SFPUC Bureaus, and (c) capital budgets for the Water Enterprise and the Hetch Hetchy Enterprise) will also be sent to BAWSCA concurrently with their submission to the Commission.

6.03. Rate Adjustments

A. **Budget Coordinated Rate Adjustments**. Adjustments to the rates applicable to the Wholesale Customers shall be coordinated with the budget development process described in this section except to the extent that Sections 6.03.B and 6.03.C authorize emergency rate increases and drought rate increases, respectively.

If the SFPUC intends to increase wholesale water rates during the ensuing fiscal year, it will comply with the following procedures:

1. Adjustments to the wholesale rates will be adopted by the Commission at a regularly scheduled meeting or at special meeting, properly noticed, called for the purpose of adjusting rates or for taking any other action under the jurisdiction of the Commission.

2. The SFPUC will send a written notice by mail or electronic means to each Wholesale Customer and to BAWSCA of the recommended adjustment at least thirty (30) days prior to the date of the meeting at which the Commission will consider the proposed adjustment. The notice will include the date, time and place of the Commission meeting.

3. The SFPUC shall prepare and provide to each Wholesale Customer and to BAWSCA the following materials: (a) a table illustrating how the increase or decrease in the Wholesale Revenue Requirement and wholesale rates were calculated, substantially in the form of Attachment N-1, (b) a schedule showing the projected expenses included in the Wholesale Revenue Requirement for the fiscal year for which the rates are being proposed, and supporting materials, substantially in the form of Attachment N-2, and (c) a schedule showing projected water sales, Wholesale Revenue Requirements and wholesale rates for the fiscal year for which rates are being set and the following four years, substantially in the form of Attachment N-3. These materials will be included with the notification required by Section 6.03.A.2.

4. Rate adjustments will be effective no sooner than thirty (30) days after adoption of the wholesale rate by the Commission.

5. San Francisco will use its best efforts to provide the Wholesale Customers with the information described above. San Francisco's failure to comply with the requirements set forth in this section shall not invalidate any action taken by the Commission (including, but not limited to, any rate increase or decrease adopted). In the event of such failure, the Wholesale Customers may either invoke arbitration, as set forth in Section 8.01, or seek injunctive relief, to compel San Francisco to remedy the failure as soon as is reasonably practical, and San Francisco shall be free to oppose the issuance of the requested judicial or arbitral relief on any applicable legal or equitable basis. The existence of this right to resort to arbitration shall not be deemed to preclude the right to seek injunctive relief.

6. Because delays in the budget process or other events may cause San Francisco to defer the effective date of Wholesale Customer rate adjustments until after the beginning of San Francisco's fiscal year, nothing contained in this Agreement shall require San Francisco to make any changes in the water rates charged to Wholesale Customers effective at

the start of San Francisco's fiscal year or at any other specific date. Nothing in the preceding sentence shall excuse non-compliance with the provisions of Section 6.02 and this section.

B. **Emergency Rate Increases**. The Commission may adjust the Wholesale Customers' rates without complying with the requirements of Section 6.03.A in response to an Emergency that damages the Regional Water System and disrupts San Francisco's ability to maintain normal deliveries of water to Retail and Wholesale Customers. In such an Emergency, the Commission may adopt an emergency rate surcharge applicable to Wholesale Customers without following the procedures set forth in this section, provided that any such rate surcharge imposed by the Commission shall be applicable to both Retail and Wholesale Customers and incorporate the same percentage increase for all customers. Any emergency rate surcharge adopted by the Commission shall remain in effect only until the next-budget coordinated rate-setting cycle.

C. **Drought Rates**. If the Commission declares a water shortage emergency under Water Code Section 350, implements the Tier 1 Shortage Plan (Attachment H) described in Section 3.11.C, and imposes drought rates on Retail Customers, it may concurrently adjust wholesale rates independently of coordination with the annual budget process. Those adjustments may be designed to encourage water conservation and may constitute changes to the structure of the rates within the meaning of Section 6.04. The parties agree, however, that, in adopting changes in rates in response to a declaration of water shortage emergency, the Commission shall comply with Section 6.03.A.1 and 2 but need not comply with Section 6.04.B. Drought Rate payments and payments of excess use charges levied in accordance with the Tier 1 Shortage Plan described in Section 3.11.C constitute Wholesale Customer Revenue and count towards the Wholesale Revenue Requirement. The SFPUC may use these revenues to purchase additional water for the Wholesale Customers from the State Drought Water Bank or other willing seller.

6.04. Rate Structure

A. This Agreement is not intended and shall not be construed to limit the Commission's right (a) to adjust the structure of the rate schedule applicable to the Wholesale Customers (i.e., the relationship among the several charges set out therein) or (b) to add, delete, or change the various charges which make up the rate schedule, provided that neither such charges nor the structure of the rate schedule(s) applicable to the Wholesale Customers shall be arbitrary, unreasonable, or unjustly discriminatory as among said customers. The

SFPUC will give careful consideration to proposals for changes in the rate schedule made jointly by the Wholesale Customers but, subject to the limitations set out above, shall retain the sole and exclusive right to determine the structure of the rate schedule.

B. If the SFPUC intends to recommend that the Commission adopt one or more changes to the structure of wholesale rates (currently set forth in SFPUC Rate Schedule W-25), it shall prepare and distribute to the Wholesale Customers and BAWSCA a report describing the proposed change(s), the purpose(s) for which it/they are being considered, and the estimated financial effect on individual Wholesale Customers or classes of customers. Wholesale Customers may submit comments on the report to the SFPUC for sixty (60) days after receiving the report. The SFPUC will consider these comments and, if it determines to recommend that the Commission adopt the change(s), as described in the report or as modified in response to comments, the SFPUC General Manager shall submit a report to the Commission recommending specific change(s) in the rate structure. Copies of the General Manager's report shall be sent to all Wholesale Customers and BAWSCA at least thirty (30) days prior to the Commission meeting at which the changes will be considered.

C. The SFPUC may recommend, and the Commission may adopt, changes in the structure of wholesale rates at any time. However, the new rate schedule implementing these changes will become effective at the beginning of the following fiscal year.

6.05. Balancing Account

A. **Balancing Account Established Under 1984 Agreement**. The amount of credit in favor of San Francisco as of the expiration of the term of 1984 Agreement (June 30, 2009) is not known with certainty as of preparation and execution of this Agreement. It will not be known with certainty until the Compliance Audit for FY 2008-09 is completed and disputes, if any, that the Wholesale Customers or the SFPUC may have with the calculation of the Suburban Revenue Requirement for that fiscal year and for previous fiscal years have been settled or decided by arbitration.

The parties anticipate that the amount of the credit in favor of San Francisco as of June 30, 2009 may be within the range of $15 million to $20 million.

In order to reduce the credit balance due San Francisco under the 1984 Agreement in an orderly manner, while avoiding unnecessary fluctuations in wholesale rates, the parties agree to implement the following procedure.

1. In setting wholesale rates for FY 2009-10, SFPUC will include a balancing account repayment of approximately $2 million.

2. In setting wholesale rates for FY 2010-11 and following years, SFPUC will include a balancing account repayment of not less than $2 million and not more than $5 million annually until the full amount of the balance due, plus interest at the rate specified in Section 6.05.B, is repaid.

3. The actual ending balance as of June 30, 2009 will be determined, by the parties' agreement or arbitral ruling, after the Compliance Audit report for FY 2008-09 is delivered to BAWSCA. That amount, once determined, will establish the principal to be amortized through subsequent years' repayments pursuant to this Section 6.05.A.

B. **Balancing Account Under This Agreement**

1. Operation. After the close of each fiscal year, the SFPUC will compute the costs allocable to the Wholesale Customers for that fiscal year pursuant to Article 5, based on actual costs incurred by the SFPUC and actual amounts of water used by the Wholesale Customers and the Retail Customers. That amount will be compared to the amounts billed to the Wholesale Customers for that fiscal year (including any Excess Use Charges, but excluding revenues described in Section 5.10.C). The difference will be posted to a "balancing account" as a credit to, or charge against, the Wholesale Customers. Interest shall also be posted to the balancing account calculated by multiplying the amount of the opening balance by the average net interest rate, certified by the Controller as earned in the San Francisco Treasury for the previous fiscal year on the San Francisco County Pooled Investment Account. Interest, when posted, will carry the same mathematical sign (whether positive or negative) as carried by the opening balance. The amount posted to the balancing account in each year shall be added to, or subtracted from, the balance in the account from previous years. The calculation of the amount to be posted to the balancing account shall be included in the report prepared by the SFPUC pursuant to Section 7.02.

The opening balance for fiscal year 2009-10 shall be zero.

2. Integration of Balancing Account with Wholesale Rate Setting Process. If the amount in the balancing account is owed to the Wholesale Customers (a positive balance), the SFPUC shall take it into consideration in establishing wholesale rates. However, the SFPUC need not apply the entire amount to reduce wholesale rates for the immediately ensuing

year. Instead, the SFPUC may prorate a positive ending balance over a period of up to three successive years in order to avoid fluctuating decreases and increases in wholesale rates.

a. If a positive balance is maintained for three successive years and represents 10 percent or more of the Wholesale Revenue Requirement for the most recent fiscal year, the SFPUC shall consult with BAWSCA as to the Wholesale Customers' preferred application of the balance. The Wholesale Customers shall, through BAWSCA, direct that the positive balance be applied to one or more of the following purposes: (a) transfer to the Wholesale Revenue Coverage Reserve, (b) amortization of any remaining negative balance from the ending balancing account under the 1984 Agreement, (c) prepayment of the existing asset balance under Section 5.03, (d) water conservation or water supply projects administered by or through BAWSCA, (e) immediate reduction of wholesale rates, or (f) continued retention for future rate stabilization purposes. In the absence of a direction from BAWSCA, the SFPUC shall continue to retain the balance for rate stabilization in subsequent years.

b. If the amount in the balancing account is owed to the SFPUC (a negative balance), the SFPUC shall not be obligated to apply all or any part of the negative balance in establishing wholesale rates for the immediately ensuring year. Instead, the SFPUC may prorate the negative balance in whole or in part over multiple years in order to avoid fluctuating increases and decreases in wholesale rates.

6.06. <u>Wholesale Revenue Coverage Reserve</u>

A. The SFPUC may include in wholesale rates for any fiscal year an additional dollar amount ("Wholesale Revenue Coverage"), which for any fiscal year shall equal the following:

1. The lesser of (i) 25% of the Wholesale Customers' share of Net Annual Debt Service for that fiscal year determined as described in Section 5.04.A, or (ii) the amount necessary to meet the Wholesale Customers' proportionate share of Debt Service coverage required by then-current Indebtedness for that fiscal year, minus

2. A credit for (i) the actual amounts previously deposited in the "Wholesale Revenue Coverage Reserve" (as defined in subsection B below), (ii) accrued interest on the amounts on deposit in the Wholesale Revenue Coverage Reserve, and (iii) an amount equal to any additional interest that would have accrued on the actual amounts previously deposited in the Wholesale Revenue Coverage Reserve assuming no withdrawals had been made therefrom.

B. During each fiscal year, the SFPUC will set aside and deposit that portion of revenue equal to Wholesale Revenue Coverage into a separate account that the SFPUC will establish and maintain, to be known as the "Wholesale Revenue Coverage Reserve." Deposits into the Wholesale Revenue Coverage Reserve shall be made no less frequently than monthly. The Wholesale Revenue Coverage Reserve shall be credited with interest at the rate specified in Section 6.05.B. The SFPUC may use amounts in the Wholesale Revenue Coverage Reserve for any lawful purpose. Any balance in the Wholesale Revenue Coverage Reserve in excess of the Wholesale Revenue Coverage amount as of the end of any fiscal year (as calculated in subsection 6.06(A) above) shall be applied as a credit against wholesale rates in the immediately following fiscal year unless otherwise directed by BAWSCA.

C. Within 180 days following the later of expiration of the Term or final payment of Debt Service due on Indebtedness issued during the Term to which Wholesale Customers were contributing, SFPUC shall rebate to the Wholesale Customers an amount equal to the Wholesale Revenue Coverage amount in effect for the fiscal year during which the Term expires or the final payment of Debt Service on Indebtedness is made based on each Wholesale Customer's Proportional Annual Use in the fiscal year during which the Term expires or the final payment of debt service on Indebtedness is made.

D. SFPUC shall provide a schedule of debt issuance (with assumptions), and the Wholesale Customers' share of Net Annual Debt Service (actual and projected) expected to be included in wholesale rates starting in 2009-10 through the expected completion of the WSIP. The schedule is to be updated annually prior to rate setting. If estimated Debt Service is used in rate setting, the SFPUC must be able to demonstrate that the Water Enterprise revenues will be sufficient to meet the additional bonds test for the proposed bonds and rate covenants for the upcoming year.

E. Conditions in the municipal bond market may change from those prevailing in 2009. If, prior to expiration of the Term, the SFPUC determines that it would be in the best financial interest of both Retail Customers and Wholesale Customers of the Regional Water System for the Debt Service coverage requirement to be increased in one or more series of proposed new Indebtedness above 1.25%, or for the coverage covenant to be strengthened in other ways, it will provide a written report to BAWSCA. The report will contain (1) a description of proposed covenant(s) in the bond indenture; (2) an explanation of how savings are expected to be achieved (e.g., increase in the SFPUC's credit rating over the then-current level; ability to

obtain credit enhancement, etc.); (3) the estimated all-in true interest cost savings; (4) a comparison of the Wholesale Revenue Requirements using the Debt Service coverage limitation in subsection A and under the proposed methodology; and (5) a comparison of the respective monetary benefits expected to be received by both Retail and Wholesale Customers. The SFPUC and BAWSCA agree to meet and confer in good faith about the proposed changes.

F. Any increase in Debt Service coverage proposed by the SFPUC shall be commensurate with Proportional Water Use by Retail and Wholesale Customers. If the SFPUC demonstrates that an increase in Debt Service coverage will result in equivalent percentage reductions in total Wholesale and Retail Debt Service payments over the life of the proposed new Indebtedness, based on Proportional Water Use, BAWSCA may agree to a modification of the Wholesale Revenue Coverage requirement in subsection A. If BAWSCA does not agree to a proposed modification in coverage requirements in the covenants for new Indebtedness, SFPUC may nevertheless proceed with the modification and the issuance of new Indebtedness. Any Wholesale Customer, or BAWSCA, may challenge an increase in the Wholesale Revenue Requirement resulting from the modification in Debt Service coverage through arbitration as provided in Section 8.01.A. If the arbitrator finds that the increase in Debt Service coverage (1) did not and will not result in equivalent percentage reductions in total Wholesale and Retail Debt Service payments over the life of the proposed new Indebtedness, based on Proportional Water Use, or (2) was not commensurate with Proportional Water Use, the arbitrator may order the Wholesale Revenue Requirement to be recalculated both retrospectively and prospectively to eliminate the differential impact to Wholesale or Retail Customers, subject to the limitation in Section 8.01.C.

6.07. Working Capital Requirement

A. The SFPUC maintains working capital in the form of unappropriated reserves for the purpose of bridging the gap between when the SFPUC incurs operating expenses required to provide service and when it receives revenues from its Retail and Wholesale Customers. The Wholesale Customers shall fund their share of working capital as part of the annual Wholesale Revenue Requirement calculation. The amount of wholesale working capital for which the Wholesale Customers will be responsible will be determined using the 60-day standard formula approach.

B. Applying this approach, annual wholesale working capital equals one-sixth of the wholesale allocation of operation and maintenance, administrative and general, and property tax

expenses for the Water and Hetch Hetchy Enterprises. Wholesale working capital shall be calculated separately for the Water and Hetch Hetchy Enterprises.

C. Each month, the sum of the Water Enterprise and Hetch Hetchy Enterprise working capital components will be compared with the ending balance in the Wholesale Revenue Coverage Reserve to determine if the Wholesale Customers provided the minimum required working capital. If the Wholesale Revenue Coverage Reserve is greater than the total Water Enterprise and Hetch Hetchy Enterprise working capital requirement, the Wholesale Customers will have provided their share of working capital. If the Wholesale Revenue Coverage Reserve is less than the total Water Enterprise and Hetch Hetchy Enterprise working capital requirement, the Wholesale Customers will be charged interest on the difference, which will be included in the adjustment to the Balancing Account under Section 6.05.B for the subsequent fiscal year.

6.08. Wholesale Capital Fund

A. The SFPUC currently funds revenue-funded capital projects through annual budget appropriations that are included in rates established for that fiscal year and transferred to a capital project fund from which expenditures are made. Consistent with the San Francisco Charter and Administrative Code, the SFPUC appropriates funds in advance of construction in order to maintain a positive balance in the capital project fund. The capital project fund also accrues interest and any unspent appropriations in excess of total project costs. It is the SFPUC's practice to regularly monitor the capital project fund balance to determine whether a surplus has accumulated, which can be credited against the next fiscal year's capital project appropriation.

B. The SFPUC shall establish a comparable Wholesale Revenue-Funded Capital Fund (Wholesale Capital Fund) to enable the Wholesale Customers to fund the wholesale share of revenue-funded New Regional Assets. The Wholesale Capital Fund balance is zero as of July 1, 2009. The SFPUC may include in wholesale rates for any fiscal year an amount equal to the wholesale share of the SFPUC's appropriation for revenue funded New Regional Assets for that year, which sum will be credited to the Wholesale Capital Fund. The wholesale share of other sources of funding, where legally permitted and appropriately accounted for under GAAP, will also be credited to the Wholesale Capital Fund, together with interest earnings on the Wholesale Capital Fund balance.

C. The SFPUC will expend revenues appropriated and transferred to the Wholesale Capital Fund only on New Regional Assets. The annual capital appropriation included in each fiscal year's budget will be provided to BAWSCA in accordance with Section 6.02 and will take into account the current and projected balance in the Wholesale Capital Fund, as well as current and projected unexpended and unencumbered surplus, as shown on attachment M-1, which will be prepared by the SFPUC each year.

D. Commencing on November 30, 2010 and thereafter in each fiscal year during the Term, the SFPUC will also provide an annual report to BAWSCA on the status of individual revenue-funded New Regional Assets, substantially in the form of Attachment M-2.

E. In order to prevent the accumulation of an excessive unexpended and unencumbered balance in the Wholesale Capital Fund, the status of the fund balance will be reviewed through the annual Compliance Audit, commencing in FY 2018-19. The FY 2018-19 Compliance Audit and the Wholesale Customer/BAWSCA review under Section 7.06 shall include Wholesale Capital Fund appropriations, expenditures and interest earnings for FY 2014-15 through 2017-18 for the purpose of determining whether a Balancing Account transfer is required. If the June 30 unencumbered balance of the Wholesale Capital Fund exceeds the lesser of the following: (i) the Target Balance; (ii) the unencumbered remaining cumulative appropriations, the amount of such excess shall be transferred to the credit of the Wholesale Customers to the Balancing Account described in Section 6.05.

In order to avoid funding delays for New Regional Asset capital projects resulting from prior year transfers of excess Wholesale Capital fund balances to the Wholesale Customers, if the June 30 unencumbered balance of the Wholesale Capital Fund is below the lesser of the following: (i) the Target Balance; (ii) the unencumbered remaining cumulative appropriation, such deficiency shall be posted to the Balancing Account described in Section 6.05 as a charge to the Wholesale Customers. Notwithstanding the foregoing, no such charge to the Wholesale Customers shall exceed $4 million annually.

Amended Attachment M-3 illustrates the process for determining the Wholesale Capital Fund balance as of June 30, 2019.

F. Three years prior to the end of the Term, the SFPUC and BAWSCA will discuss the disposition of the Wholesale Capital Fund balance at the end of the Term. Absent

agreement, any balance remaining in the Wholesale Capital Fund at the end of the Term shall be transferred to the Balancing Account, to the credit of the Wholesale Customers.

6.09. SFPUC Adoption of Regional Water System 10-Year Capital Improvement Program

A. **Established Level of Service Goals and Objectives**. In approving the WSIP, the Commission adopted Level of Service Goals and Objectives that are, in part, used to develop capital programs related to water, including the 10-Year Capital Improvement Program for the Regional Water System ("10-Year CIP"). BAWSCA and the Wholesale Customers shall have the opportunity to review and provide written or oral comments on any changes to the Level of Service Goals and Objectives that may be submitted to the Commission for approval.

B. **Submittal of an Asset Management Policy**. Prior to December 31, 2020, the SFPUC shall develop and submit to the Commission for approval an Asset Management Policy applicable to the Regional Water System.

C. **Coordination of 10-Year CIP and SFPUC Budget Meetings**. The Commission annually reviews, updates, and adopts a 10-Year CIP pursuant to Section 8B.123 of the San Francisco Charter. At two-year intervals, the Commission holds two budget meetings concerning the 10-Year CIP. Over the course of the two budget meetings, the SFPUC reviews its budget priorities, potential changes to projects in the previously adopted 10-Year CIP, and the potential financial implications of such changes. In the event that Charter amendments are placed on the ballot that could alter or amend the City's budget preparation and adoption efforts, BAWSCA shall be notified in advance of any proposed change that could result in a less robust CIP development effort, and BAWSCA and the SFPUC shall meet to consider BAWSCA's comments on maintaining a robust CIP development effort.

D. **Mid-cycle Changes to the 10-Year CIP**. The SFPUC shall include within the Water Enterprise Capital Improvement Program Quarterly Projects Reports that it provides to the Commission ("CIP Quarterly Projects Reports") discussion of any material changes proposed to projects that are included in the most recently adopted 10-Year CIP. The SFPUC defines a material change as a change that applies to a CIP project whose approved CIP budget is equal to or greater than $5,000,000 that results in one or more of the following:

1. Increases the cost of the CIP project by more than 10%.

2. Increases the schedule of the CIP project by extending said schedule by 12 calendar months or greater.

3. Affects the SFPUC's ability to meet the Level of Service Goals and Objectives.

The SFPUC shall also include within the CIP Quarterly Projects Reports discussion of any new capital project that is not included in the most recently adopted 10-Year CIP if the SFPUC has 1) begun spending on the project and 2) anticipates that it will require total funding in excess of $5,000,000. For such projects, the parties recognize that the work may be of an urgent nature and that details of those projects may be developing quickly to address a critical need. The SFPUC commits that, for these projects, an expanded discussion will be provided in quarterly reports generated 6 months following the creation of the project in the City's finance and accounting system. At a minimum, the discussion will include: 1) a detailed scope of work, 2) schedule, 3) cost breakdown, and 4) proposed source of funding. This level of detail shall continue to be included in subsequent quarterly reports through either the completion of the work or until the work is included as part of an adopted 10-Year CIP.

E. **BAWSCA and Wholesale Customer Notice and Review**. Beginning in 2020, at least 30 days before the first budget meeting, the SFPUC shall provide BAWSCA and the Wholesale Customers with written notice of the dates of the two budget meetings. At least 30 days before the first budget meeting, the SFPUC shall also provide BAWSCA and the Wholesale Customers with a draft of the 10-Year CIP and meet with those same parties to review potential candidate projects that it is considering for inclusion in the 10-Year CIP. Final materials for the first budget meeting will be made available to BAWSCA and the Wholesale Customers no less than 14 days prior to that budget meeting. Final materials for the second budget meeting will be made available to BAWSCA and the Wholesale Customers on the same date that they are made available to the Commission. Prior to the Commission's adoption of the 10-Year CIP at the second budget meeting, San Francisco shall respond, in writing, to all written comments by BAWSCA and the Wholesale Customers on the 10-Year CIP that were submitted prior to the date of the first budget meeting.

F. **Contents of Draft 10-Year CIP – Projects in Years One and Two of 10-Year Schedule**. The SFPUC's CIP projects generally fall into three categories: defined projects, placeholder concepts that could become projects, and programmatic spending for expenses likely to be made but for which there is no schedule. Projects in the near-term years of the 10-Year CIP have more definition than those in the outer years, and as a result more detailed information is available for them. For each project listed that has significant expected

expenditures identified in the first two years of the 10-Year CIP, the draft 10-Year CIP made available to BAWSCA and the Wholesale Customers shall include the following elements:

1. Project name.
2. Project description and justification.
3. Description of the project's relationship to the Level of Service Goals and Objectives.
4. Project asset classification for cost-allocation purposes, pursuant to Attachment R for Hetch Hetchy Enterprise assets, or as Regional or Retail for Water Enterprise assets.
5. Project schedule where applicable, broken down by phase, through to completion.
6. Total project budget estimate including a proposed inflation rate.

G. **Contents of Draft 10-Year CIP – Projects Listed After First Two Years of 10-Year Schedule**. For each project that is listed in years three through ten of the 10-Year CIP, the draft 10-Year CIP made available to BAWSCA and the Wholesale Customers shall include the following elements:

1. Project name.
2. Project description and justification.
3. Description of the project's relationship to the Level of Service Goals and Objectives.
4. Project asset classification for cost-allocation purposes, pursuant to Attachment R for Hetch Hetchy Enterprise assets, or as Regional or Retail for Water Enterprise assets.
5. Project schedule information that forms the basis for project planning if available.
6. Total project budget estimate.

H. **Additional Contents of Draft 10-Year CIP**. The draft 10-Year CIP made available to BAWSCA and the Wholesale Customers shall also include the following:

1. A discussion of any changes to projects in the previously adopted 10-Year CIP, the reasons for such changes, any impact of the proposed changes on the SFPUC's ability to achieve the Level of Service Goals

and Objectives, and the SFPUC's proposal for meeting the specific Level of Service Goals and Objectives in question.

2. A discussion of factors that have influenced the 10-Year CIP budget or identified projects, or have the potential to influence the overall budget or the number, cost and scale of identified projects, such as rate increase considerations, local rate setting policies, etc.
3. A discussion of how the CIP will be staffed.
4. A cash flow estimate for each project included as part of the first five years of the 10-Year CIP that considers historical spending and changes in the amount of work to be done.
5. Project spreadsheets that separate new projects from existing projects.
6. A summary roll-up for Regional costs, including all programmatic costs budgeted in the 10-Year CIP.

I. **Quarterly Reporting and Meetings**.

1. CIP Quarterly Projects Reports. The SFPUC shall include within the CIP Quarterly Projects Reports a detailed status update of each Regional project in the 10-Year CIP that has an estimated cost greater than $5 million and a summary of the work completed to date for such projects. The CIP Quarterly Projects Reports shall focus on the first two years' projects in the 10-Year CIP, but shall also demonstrate a connection to the 10-Year CIP asset classification and the Level of Service Goals and Objectives. The CIP Quarterly Projects Reports shall identify any Regional project in the 10-Year CIP with an estimated cost greater than $5 million that is behind schedule, and, for each project so identified, shall describe the SFPUC's plan and timeline for either making up the delay or adopting a revised project schedule. In each fourth quarter of the fiscal year CIP Quarterly Projects Report, the SFPUC will also address the status of Regional projects in the 10-Year CIP that have an estimated cost of less than $5 million, noting any such projects that are behind schedule and describing the SFPUC's plan and timeline for either making up the delay or adopting a revised project schedule.

2. Quarterly Meetings. If requested by BAWSCA, the SFPUC shall hold quarterly meetings with BAWSCA to review each CIP Quarterly Projects Report, during which the SFPUC shall present information and detail about the individual projects and overall implementation of the 10-Year CIP, as well as the need for re-prioritization and/or the proposal

of new candidate projects for consideration as part of the next update of the 10-Year CIP. As part of the meeting held in each fourth quarter of the fiscal year, the SFPUC shall provide additional information and detail regarding the CIP development schedule and associated coordination proposed with BAWSCA.

Article 7. Accounting Procedures; Compliance Audit

7.01. SFPUC Accounting Principles, Practices

A. **Accounting Principles**. San Francisco will maintain the accounts of the SFPUC and the Water and Hetch Hetchy Enterprises in conformity with Generally Accepted Accounting Principles. San Francisco will apply all applicable pronouncements of the Governmental Accounting Standards Board (GASB) as well as statements and interpretations of the Financial Accounting Standards Board and Accounting Principles Board opinions issued on or before March 30, 1989, unless those pronouncements or opinions conflict with GASB pronouncements.

B. **General Rule**. San Francisco will maintain the accounting records of the SFPUC and the Water and Hetch Hetchy Enterprises in a format and level of detail sufficient to allow it to determine the annual Wholesale Revenue Requirement in compliance with this Agreement and to allow its determination of the Wholesale Revenue Requirement to be audited as provided in Section 7.04.

C. **Water Enterprise**. San Francisco will maintain an account structure which allows utility plant and operating and maintenance expenses to be segregated by location (inside San Francisco and outside San Francisco) and by function (Direct Retail, Regional and Direct Wholesale).

D. **Hetch Hetchy Enterprise**. San Francisco will maintain an account structure which allows utility plant and operating and maintenance expenses to be segregated into Water Only, Power Only and Joint categories.

E. **SFPUC**. San Francisco will maintain an account structure which allows any expenses of SFPUC bureaus that benefit only the Wastewater Enterprise, the Power-Only operations of the Hetch Hetchy Enterprise or Retail Customers to be excluded from the Wholesale Revenue Requirement.

F. **Utility Plant Ledgers**. San Francisco will maintain subsidiary plant ledgers for the Water and Hetch Hetchy Enterprises that contain unique identifying numbers for all assets included in the rate base and identify the original cost, annual depreciation, accumulated depreciation, date placed in service, useful life, salvage value if any, source of funding (e.g., bond series, revenues, grants), and classification for purposes of this Agreement.

G. **Debt.** San Francisco will maintain documentation identifying:

1. The portion of total bonded debt outstanding related to each series of each bond issue.

2. The portion of total interest expense related to each series of each bond issue.

3. The use of proceeds of each bond issue (including proceeds of commercial paper and/or other interim financial instruments redeemed or expected to be redeemed from bonds and earnings on the proceeds of financings) in sufficient detail to determine, for each bond issue, the proceeds and earnings of each (including proceeds and earnings of interim financing vehicles redeemed by a bond issue) and the total amounts expended on Direct Retail improvements and the total amounts expended on Regional improvements.

H. **Changes in Accounting**. Subject to subsections A thru G, San Francisco may change the chart of accounts and accounting practices of the SFPUC and the Water and Hetch Hetchy Enterprises. However, the allocation of any expense to the Wholesale Customers that is specified in the Agreement may not be changed merely because of a change in (1) the accounting system or chart of accounts used by SFPUC, (2) the account to which an expense is posted or (3) a change in the organizational structure of the SFPUC or the Water or Hetch Hetchy Enterprises.

I. **Audit**. San Francisco will arrange for an audit of the financial statements of Water and Hetch Hetchy Enterprises to be conducted each year by an independent certified public accountant, appointed by the Controller, in accordance with Generally Accepted Auditing Standards.

7.02. Calculation of and Report on Wholesale Revenue Requirement

A. Within five months after the close of each fiscal year, San Francisco will prepare a report showing its calculation of the Wholesale Revenue Requirement for the preceding fiscal year and the change in the balancing account as of the end of that fiscal year. The first such report will be prepared by November 30, 2010 and will cover fiscal year 2009-10 and the balancing account as of June 30, 2010.

B. The report will consist of the following items:

1. Statement of changes in the balancing account for the fiscal year being reported on, and for the immediately preceding fiscal year, substantially in the form of Attachment O.

2. Detailed supporting schedules 8.1 through 8.2 substantially in the form of Attachment N-2.

3. Description and explanation of any changes in San Francisco's accounting practices from those previously in effect.

4. Explanation of any line item of expense (shown on Attachment N-2, schedules 1 and 4) for which the amount allocated to the Wholesale Customers increased by (a) ten percent or more from the preceding fiscal year, or (b) more than $1,000,000.

5. Representation letter signed by the SFPUC General Manager and by other SFPUC financial staff shown on Attachment P, as the General Manager may direct, subject to change in position titles at the discretion of the SFPUC.

C. The report will be delivered to the BAWSCA General Manager by the date identified in Subsection A.

Once the report has been delivered to BAWSCA, San Francisco will, upon request:

1. Provide BAWSCA with access to, and copies of, all worksheets and supporting documents used or prepared by San Francisco during its calculation of the Wholesale Revenue Requirement;

2. Make available to BAWSCA all supporting documentation and calculations used by San Francisco in preparing the report; and

3. Promptly provide answers to questions from BAWSCA staff about the report.

7.03. Appointment of Compliance Auditor

A. **Purpose**. The purpose of this section is to provide for an annual Compliance Audit by an independent certified public accountant of the procedures followed and the underlying data used by San Francisco in calculating the Wholesale Revenue Requirement for the preceding fiscal year. The annual Compliance Audit shall also determine whether the Wholesale Revenue Requirement has been calculated in accordance with the terms of the Agreement and whether amounts paid by the Wholesale Customers in excess of or less than

the Wholesale Revenue Requirement have been posted to the balancing account, together with interest as provided in Section 6.05.

B. **Method of Appointment**. The Controller shall select an independent certified public accountant ("Compliance Auditor") to conduct the Compliance Audit described below. The Compliance Auditor may be the same certified public accountant engaged by the Controller to audit the financial statements of the Water and Hetch Hetchy Enterprises. Subject to approval by the Controller and the General Manager of the SFPUC, the Compliance Auditor shall have the authority to engage such consultants as it deems necessary or appropriate to assist in the audit. The terms of this Article shall be incorporated into the contract between San Francisco and the Compliance Auditor, and the Wholesale Customers shall be deemed to be third-party beneficiaries of said contract.

7.04. Conduct of Compliance Audit

A. **Standards**. The Compliance Auditor shall perform the Compliance Audit in accordance with Generally Accepted Auditing Standards. In particular, its review shall be governed by the standards contained in Section AU 623 (Reports on Specified Elements, Accounts or Items of a Financial Statement) of the AICPA, Professional Standards, as amended from time to time.

B. **Preliminary Meeting; Periodic Status Reports; Access to Data**. Prior to commencing the audit, the Compliance Auditor shall meet with San Francisco and BAWSCA to discuss the audit plan, the procedures to be employed and the schedule to be followed. During the course of the audit, the Compliance Auditor shall keep San Francisco and BAWSCA informed of any unforeseen problems or circumstances which could cause a delay in the audit or any material expansion of the audit's scope. The Compliance Auditor shall be given full access to all records of the SFPUC and the Water and Hetch Hetchy Enterprises that the Auditor deems necessary for the audit.

C. **Audit Procedures**. The Compliance Auditor shall review San Francisco's calculation of the Wholesale Revenue Requirement and the underlying data in order to carry out the purpose of the audit described in Section 7.03.A and to issue the report described in Section 7.05. At a minimum, the Compliance Auditor shall address the following:

1. Water Enterprise Operating and Maintenance Expenses. The Compliance Auditor shall review Water Enterprise cost ledgers to determine whether the

recorded operating and maintenance expenses fairly reflect the costs incurred, were recorded on a basis consistent with applicable Generally Accepted Accounting Principles, and were allocated to the Wholesale Customers as provided in this Agreement.

2. Water Enterprise Administrative and General Expenses. The Compliance Auditor shall review Water Enterprise cost ledgers and other appropriate financial records, including those of the SFPUC, to determine whether the recorded administrative and general expenses fairly reflect the costs incurred by or allocated to the Water Enterprise, whether they were recorded on a basis consistent with applicable Generally Accepted Accounting Principles, whether SFPUC charges were allocated to the Water Enterprise in accordance with this Agreement, and whether the amount of administrative and general expenses allocated to the Wholesale Customers was determined as provided by this Agreement.

3. Property Taxes. The Compliance Auditor shall review Water Enterprise cost ledgers to determine whether the amount of property taxes shown on the report fairly reflects the property tax expense incurred by San Francisco for Water Enterprise property outside of San Francisco and whether there has been deducted from the amount to be allocated (1) all taxes actually reimbursed to San Francisco by tenants of Water Enterprise property under leases that require such reimbursement and (2) any refunds received from the taxing authority. The Compliance Auditor also shall determine whether the amount of property taxes allocated to the Wholesale Customers was determined as provided in this Agreement.

4. Debt Service. The Compliance Auditor shall review SFPUC records to determine whether debt service, and associated coverage requirements, were allocated to the Wholesale Customers as provided in this Agreement.

5. Amortization of Existing Assets in Service as of June 30, 2009. The Compliance Auditor shall review both Water and Hetch Hetchy Enterprise records to determine whether the payoff amount for Existing Assets allocated to the Wholesale Customers as shown on Attachment K-1 through K-4 was calculated as provided in Section 5.03 of this Agreement.

6. Revenue-Funded Capital Appropriations/Expenditures. The Compliance Auditor shall review San Francisco's calculation of actual expenditures on the wholesale share of revenue-funded New Regional Assets and remaining unexpended and unencumbered project balances in the "Wholesale Capital Fund" described in Section 6.08, to determine whether the procedures contained in that section were followed.

7. Hetch Hetchy Expenses. The Compliance Auditor shall determine whether Hetch Hetchy Enterprise expenses were allocated to the Wholesale Customers as provided in this Agreement.

D. **Use of and Reliance on Audited Financial Statements and Water Use Data**

1. In performing the audit, the Compliance Auditor shall incorporate any adjustments to the cost ledgers recommended by the independent certified public accountant, referred to in Section 7.01.I, which audited the financial statements of the Water and Hetch Hetchy Enterprises. The Compliance Auditor may rely upon the work performed by that independent certified public accountant if the Compliance Auditor reviews the work and is willing to take responsibility for it as part of the compliance audit.

2. In performing the Compliance Audit and issuing its report, the Compliance Auditor may rely on water use data furnished by the Water Enterprise, regardless of whether the Wholesale Customers contest the accuracy of such data. The Compliance Auditor shall have no obligation to independently verify the accuracy of the water use data provided by San Francisco; however, the Compliance Auditor shall disclose in its report any information which came to its attention suggesting that the water use data provided by San Francisco are inaccurate in any significant respect.

E. **Exit Conference**. Upon completion of the audit, the Compliance Auditor shall meet with San Francisco and BAWSCA to discuss audit findings, including (1) any material weakness in internal controls and (2) adjustments proposed by the Compliance Auditor and San Francisco's response (i.e., booked or waived).

7.05. Issuance of Compliance Auditor's Report

A. San Francisco will require the Compliance Auditor to issue its report no later than nine months after the fiscal year under audit (i.e., March 31 of the following calendar year). The Compliance Auditor's report shall be addressed and delivered to San Francisco and BAWSCA. The report shall contain:

1. A statement that the Auditor has audited the report on the calculation of the Wholesale Revenue Requirement and changes in the balancing account, and supporting documents, prepared by San Francisco as required by Section 7.02.

2. A statement that the audit was conducted in accordance with auditing standards generally accepted in the United States of America, and that the audit provides a reasonable basis for its opinion.

3. A statement that in the Compliance Auditor's opinion the Wholesale Revenue Requirement was calculated by San Francisco in accordance with this Agreement and that the change in the balancing account shown in San Francisco's report was calculated as required by this Agreement and presents fairly, in all material respects, changes in and the balance due to (or from) the Wholesale Customers as of the end of the fiscal year under audit.

7.06. Wholesale Customer Review

A. One or more Wholesale Customers, or BAWSCA, may engage an independent certified public accountant (CPA) to conduct a review (at its or their expense) of San Francisco's calculation of the annual Wholesale Revenue Requirement and a review of changes in the balancing account.

B. If a Wholesale Customer or BAWSCA wishes such a review to be conducted it will provide written notice to SFPUC within 30 days of the date the Compliance Auditor's report is issued. The notice will identify the CPA or accounting/auditing firm that will conduct the review and the specific aspects of the Compliance Auditor's report that are the subject of the review. If more than one notice of review is received by the SFPUC, the requesting Wholesale Customers shall combine and coordinate their reviews and select a lead auditor to act on their behalf for the purposes of requesting documents and conducting on-site investigations.

C. San Francisco will cooperate with the CPA appointed by a Wholesale Customer or BAWSCA. This cooperation includes making requested records promptly available, making knowledgeable SFPUC personnel available to timely and truthfully answer the CPA's questions and directing the Compliance Auditor to cooperate with the CPA.

D. The Wholesale Customer's review shall be completed within 60 days after the date the Compliance Auditor's report is issued. At the conclusion of the review, representatives of San Francisco and BAWSCA shall meet to discuss any differences between them concerning San Francisco's compliance with Articles 5 or 6 of this Agreement during the preceding fiscal year or San Francisco's calculation of the Wholesale Revenue Requirement for the preceding fiscal year. If such differences cannot be resolved, the dispute shall be submitted to arbitration in accordance with Section 8.01.

Article 8. Other Agreements of the Parties

8.01. Arbitration and Judicial Review

A. **General Principles re Scope of Arbitration**. All questions or disputes arising under the following subject areas shall be subject to mandatory, binding arbitration and shall not be subject to judicial determination:

1. the determination of the Wholesale Revenue Requirement, which shall include both the calculations used in the determination and the variables used in those calculations;

2. the SFPUC's adherence to accounting practices and conduct of the Compliance Audit; and

3. the SFPUC's classification of new or omitted assets for purposes of determining the Wholesale Revenue Requirement.

All other questions or disputes arising under this Agreement shall be subject to judicial determination. Disputes about the scope of arbitrability shall be resolved by the courts.

B. **Demand for Arbitration**. If any arbitrable question or dispute should arise, any Wholesale Customer or the SFPUC may commence arbitration proceedings hereunder by service of a written Demand for Arbitration. Demands for arbitration shall set forth all of the issues to be arbitrated, the general contentions relating to those issues, and the relief sought by the party serving the Demand. Within 45 days after service of a Demand upon it, any Wholesale Customer or the SFPUC may serve a Notice of Election to become a party to the arbitration and a Response to the issues set forth in the Demand. The Response shall include the party's general contentions and defenses with respect to the claims made in the Demand, and may include any otherwise arbitrable claims, contentions and demands that concern the fiscal year covered by the Demand. If a timely Notice of Election and Response is not filed by any such entity, it shall not be a party to the arbitration but shall nonetheless be bound by the award of the arbitrator. If no party to this Agreement serves a timely Notice of Election and Response, the party seeking arbitration shall be entitled to the relief sought in its Demand for Arbitration without the necessity of further proceedings. Any claims not made in a Demand or Response shall be deemed waived.

If a Demand or Notice of Election is made by the SFPUC, it shall be served by personal delivery or certified mail to each Wholesale Customer at the address of such customer as set forth in the billing records of the SFPUC. If a Demand or Notice of Election is made by a Wholesale Customer, service shall be by certified mail or personal delivery to the General Manager, SFPUC, 525 Golden Gate Avenue, 13th Floor, San Francisco, California 94102, and to each of the other Wholesale Customers. If arbitration is commenced, the Wholesale Customers shall use their best efforts to formulate a single, joint position with respect thereto. In any event, with respect to the appointment of arbitrators, as hereinafter provided, all Wholesale Customers that take the same position as to the issues to be arbitrated shall jointly and collectively be deemed to be a single party.

C. **Limitations Period**. All Demands For Arbitration shall be served within twelve months of receipt by BAWSCA of the Wholesale Revenue Requirement Compliance Auditor's Report for that year. If a party fails to file a Demand within the time period specified in this subsection, that party waives all present and future claims with respect to the fiscal year in question. If no such Demand is served within the twelve month period specified above, the SFPUC's determination of the Wholesale Revenue Requirement for that year shall be final and conclusive. Whether any particular claim is barred by the twelve month limitations period provided for herein shall be for the arbitrator to determine. Prior to the expiration of the twelve month limitations period, the parties to the dispute may agree by written stipulation to extend the period by up to six additional months.

The Arbitrator may order the alteration or recalculation of underlying Water Enterprise and/or Hetch Hetchy Enterprise accounts or asset classifications. Such changes shall be used to calculate the Wholesale Revenue Requirement for the fiscal year in dispute and shall also be used to determine future Wholesale Revenue Requirements, if otherwise applicable, even though the existing entries in such accounts or the asset classifications, in whole or in part, predate the twelve month period described above, so long as a timely arbitration Demand has been filed in accordance with this subsection.

D. **Number and Appointment of Arbitrators**. All arbitration proceedings under this section shall be conducted by a single arbitrator, selected by the SFPUC and a designated representative of the Wholesale Customers or each group of Wholesale Customers that take the same position with respect to the arbitration, within 75 days after service of the Demand. If the parties to the arbitration cannot agree on an arbitrator within 75 days, any party may petition

the Marin County Superior Court for the appointment of an arbitrator pursuant to Code of Civil Procedure Section 1281.6 (or any successor provision).

E. **Guidelines for Qualifications of Arbitrators**. The Wholesale Customers and the SFPUC acknowledge that the qualifications of the arbitrator will vary with the nature of the matter arbitrated, but, in general, agree that such qualifications may include service as a judge or expertise in one or more of the following fields: public utility law, water utility rate setting, water system and hydraulic engineering, utility accounting methods and practices, and water system operation and management. The parties to the arbitration shall use their best efforts to agree in advance upon the qualifications of any arbitrator to be appointed by the Superior Court.

F. **Powers of Arbitrator; Conduct of Proceedings**

1. Except as provided in this section, arbitrations under this section shall be conducted under and be governed by the provisions of California Code of Civil Procedure Sections 1282.2 through 1284.2 (hereinafter, collectively, "Code sections"), and arbitrators appointed hereunder shall have the powers and duties specified by the Code sections.

2. Within the meaning of the Code sections, the term "neutral arbitrator" shall mean the single arbitrator selected by the parties to the arbitration.

3. Unless waived in writing by the parties to the arbitration, the notice of hearing served by the arbitrator shall not be less than 90 days.

4. The lists of witnesses (including expert witnesses), and the lists of documents (including the reports of expert witnesses) referred to in Code of Civil Procedure Section 1282.2 shall be mutually exchanged, without necessity of demand therefore, no later than 60 days prior to the date of the hearing, unless otherwise agreed in writing by the parties to the arbitration. Upon application of any party, or on his or her own motion, the arbitrator may schedule one or more prehearing conferences for the purposes of narrowing and/or expediting resolution of the issues in dispute. Strict conformity to the rules of evidence is not required, except that the arbitrator shall apply applicable law relating to privileges and work product. The arbitrator shall consider evidence that he or she finds relevant and material to the dispute, giving the evidence such weight as is appropriate. The arbitrator may limit testimony to exclude evidence that would be immaterial or unduly repetitive, provided that all parties are afforded the opportunity to present material and relevant evidence.

5. Within thirty days after the close of the arbitration hearing, or such other time as the arbitrator shall determine, the parties will submit proposed findings and a proposed remedy to the arbitrator. The parties may file objections to their adversary's proposed findings and remedy within a time limit to be specified by the arbitrator. The arbitrator shall not base his or her award on information not obtained at the hearing.

6. The arbitrator shall render a written award no later than twelve months after the arbitrator is appointed, either by the parties or by the court, provided that such time may be waived or extended as provided in Code of Civil Procedure Section 1283.8.

7. The provisions for discovery set forth in Code of Civil Procedure Section 1283.05 are incorporated into and made part of this Agreement, except that: (a) leave of the arbitrator need not be obtained for the taking of depositions, including the depositions of expert witnesses; (b) the provisions of Code of Civil Procedure Section 2034.010 et seq., relating to discovery of expert witnesses, shall automatically be applicable to arbitration proceedings arising under this Agreement without the necessity for a formal demand pursuant to Section 2034.210 and the date for the exchange of expert discovery provided by Sections 2034.260 and 2034.270 shall be not later than 60 days prior to the date for the hearing; and (c) all reports, documents, and other materials prepared or reviewed by any expert designated to testify at the arbitration shall be discoverable. In appropriate circumstances, the arbitrator may order any party to this Agreement that is not a party to the arbitration to comply with any discovery request.

8. For the purposes of allocation of expenses and fees, as provided in Code of Civil Procedure Section 1284.2, if any two or more Wholesale Customers join together in a single, joint position in the arbitration, those Wholesale Customers shall be deemed to be a single party. If any Wholesale Customer or customers join together with the SFPUC in a single joint position in the arbitration, those Wholesale Customers and the SFPUC together shall be deemed to be a single party.

9. Subject to any other limitations imposed by the Agreement, the arbitrator shall have power to issue orders mandating compliance with the terms of the Agreement or enjoining violations of the Agreement. With respect to any arbitration brought to redress a claimed wholesale overpayment to the SFPUC, the arbitrator's power to award monetary relief shall be limited to entering an order requiring that an adjustment be made in the amount posted to the balancing account for the fiscal year covered by the Demand.

10. All awards of the arbitrator shall be binding on the SFPUC and the Wholesale Customers regardless of the participation or lack thereof by any Wholesale Customer or the SFPUC as a party to the arbitration proceeding. The parties to an arbitration shall have the power to modify or amend any arbitration award by mutual consent. The arbitrator shall apply California law.

8.02. Attorneys' Fees

A. **Arbitration or Litigation Between San Francisco and Wholesale Customers Arising under the Agreement or Individual Water Sales Contracts**. Each party will bear its own costs, including attorneys' fees, incurred in any arbitration or litigation arising under this Agreement or the Individual Water Sales Contracts between San Francisco and the Wholesale Customers. Notwithstanding the foregoing, and subject to the limitations contained herein, the SFPUC may allocate to the Wholesale Customers as an allowable expense, utilizing the composite rate used for allocating other Water Enterprise administrative and general expenses, any attorneys' fees and costs incurred by the SFPUC in connection with arbitration and/or litigation arising under this Agreement and/or the Individual Water Sales Contracts. Attorneys' fees incurred by the SFPUC for attorneys employed in the San Francisco City Attorney's office shall be billed at the hourly rates charged for the attorneys in question by the San Francisco City Attorney's Office to the SFPUC. Attorneys' fees incurred by the SFPUC for attorneys other than those employed in the San Francisco City Attorney's Office shall be limited to the hourly rates charged to the SFPUC for attorneys and paralegals with comparable experience employed in the San Francisco City Attorney's office and in no event shall exceed the highest hourly rate charged by any attorney or paralegal employed in the City Attorney's Office to the SFPUC.

B. **Arbitration or Litigation Outside of Agreement Concerning the SFPUC Water System or Reserved Issues**

1. The attorneys' fees and costs incurred by the SFPUC in litigation between San Francisco and one or more of the Wholesale Customers arising from matters outside of the Agreement, including, without limitation, litigation and/or arbitration concerning the issues specifically reserved in the Agreement, shall be allocated between the Retail Customers and the Wholesale Customers utilizing the composite rate used for allocating other Water Enterprise administrative and general expenses.

2. If, in any litigation described in subsection B.1 above, attorneys' fees and costs are awarded to one or more of the Wholesale Customers as prevailing parties, the

SFPUC's payment of the Wholesale Customers' attorneys' fees and costs shall not be an allowable expense pursuant to subsection A.

3. If, in any litigation described in subsection B.1, the SFPUC obtains an award of attorneys' fees and costs as a prevailing party against one or more of the Wholesale Customers, any such award shall be reduced to offset the amount of the SFPUC's fees and costs, if any, that have already been paid by the Wholesale Customers in the current or any prior fiscal years pursuant to subsection B.1 and the provisions of Articles 5 and 6 of the Agreement.

4. Nothing contained in this Agreement, including this subsection, shall authorize a court to award attorneys' fees and costs to a prevailing party as a matter of contract and/or the provisions of Civil Code Section 1717, in litigation between San Francisco and one or more of the Wholesale Customers arising from matters outside of the Agreement, including, without limitation, litigation and/or arbitration concerning the issues specifically reserved in the Agreement.

C. **Attorneys' Fees and Costs Incurred by the SFPUC in Connection with the Operation and Maintenance of the SFPUC Water Supply System**. All attorneys' fees and costs incurred by the SFPUC in connection with the operation and maintenance of the SFPUC's water supply system shall be allocated between Retail Customers and the Wholesale Customers utilizing the composite rate used for allocating other Water Enterprise administrative and general expenses.

8.03. Annual Meeting and Report

A. The parties wish to ensure that the Wholesale Customers may, in an orderly way, be informed of matters affecting the Regional Water System, including matters affecting the continuity and adequacy of their water supply from San Francisco.

For this purpose, the General Manager of the SFPUC shall meet annually with the Wholesale Customers and BAWSCA during the month of February, commencing February 2010. At these annual meetings, the SFPUC shall provide the Wholesale Customers a report on the following topics:

1. Capital additions under construction or being planned for the Regional Water System, including the status of planning studies, financing plans, environmental reviews, permit applications, etc.;

2. Water use trends and projections for Retail Customers and Wholesale Customers;

3. Water supply conditions and projections;

4. The status of any administrative proceedings or litigation affecting San Francisco's water rights or the SFPUC's ability to deliver water from the watersheds which currently supply the Regional Water System;

5. Existing or anticipated problems with the maintenance and repair of the Regional Water System or with water quality;

6. Projections of Wholesale Revenue Requirements for the next five years;

7. Any other topic which the SFPUC General Manager places on the agenda for the meeting;

8. Any topic which the Wholesale Customers, through BAWSCA, request be placed on the agenda, provided that the SFPUC is notified of the request at least 10 days before the meeting.

B. The General Manager of the SFPUC, the Assistant General Manager of the Water Enterprise, and the Assistant General Manager of Business Services-CFO will use their best efforts to attend the annual meetings. If one or more of these officers are unable to attend, they will designate an appropriately informed assistant to attend in their place.

8.04. Administrative Matters Delegated to BAWSCA

A. The Wholesale Customers hereby delegate the authority and responsibility for performing the following administrative functions contemplated in this Agreement to BAWSCA:

1. Approval of calculations of Proportional Annual Water Use required by Section 3.14 and Attachment J, "Water Use Measurement and Tabulation";

2. Approval of amendments to Attachments J and K-3 and K-4, "25-Year Payoff Schedules for Existing Rate Base";

3. Agreement that the Water Meter and Calibration Procedures Manual to be prepared by the SFPUC may supersede some or all of the requirements in Attachment J, as described in Section 3.14;

4. Conduct of Wholesale Customer review of SFPUC's calculation of annual Wholesale Revenue Requirement/Change in Balancing Account described in Section 7.06;

5. Approval of an adjustment to Wholesale Revenue Coverage as described in Section 6.06.

B. A majority of the Wholesale Customers may, without amending this Agreement, delegate additional administrative functions to BAWSCA. To be effective, such expanded delegation must be evidenced by resolutions adopted by the governing bodies of a majority of the Wholesale Customers. In 2014, all twenty-six Wholesale Customers adopted resolutions delegating authority to BAWSCA to initiate, defend and settle arbitration for the matters that, pursuant to Section 8.01 of this Agreement, are subject to mandatory, binding arbitration.

C. Unless otherwise explicitly stated, the administrative authority delegated to BAWSCA may be exercised by the General Manager/CEO of BAWSCA, rather than requiring action by the BAWSCA Board of Directors. In addition, the Wholesale Customers may, with the consent of BAWSCA, delegate to BAWSCA the initiation, defense, and settlement of arbitration proceedings provided for in Section 8.01.

8.05. Preservation of Water Rights; Notice of Water Rights Proceedings

A. It is the intention of San Francisco to preserve all of its water rights, irrespective of whether the water held under such water rights is allocated under this Agreement. Nothing in this Agreement shall be construed as an abandonment, or evidence of an intent to abandon, any of the water rights that San Francisco presently possesses.

B. San Francisco shall use its best efforts to give prompt notice to BAWSCA of any litigation or administrative proceedings to which San Francisco is a party involving water rights to the Regional Water System. The failure of San Francisco to provide notice as required by this section, for whatever reason, shall not give rise to any monetary liability.

8.06. SFPUC Rules and Regulations

The sale and delivery of all water under this Agreement shall be subject to such of the "Rules and Regulations Governing Water Service to Customers" of the Water Enterprise adopted by the Commission, as those rules and regulations may be amended from time to time, as are (1) applicable to the sale and delivery of water to the Wholesale Customers, (2) reasonable, and (3) not inconsistent with either this Agreement or with an Individual Water

Sales Contract. The SFPUC will give the Wholesale Customers notice of any proposal to amend the Rules and Regulations in a manner that would affect the Wholesale Customers. The notice will be delivered at least thirty days in advance of the date on which the proposal is to be considered by the Commission and will be accompanied by the text of the proposed amendment.

8.07. Reservations of, and Limitations on, Claims

A. **General Reservation of Raker Act Contentions**. The 1984 Agreement resolved a civil action brought against San Francisco by certain of the Wholesale Customers. Plaintiffs in that action contended that they, and other Wholesale Customers that are municipalities or special districts, were "co-grantees" within the meaning of Section 8 of the Act and were entitled to certain rights, benefits and privileges by virtue of that status. San Francisco disputed those claims.

Nothing in this Agreement, or in the Individual Water Sales Contracts, shall be construed or interpreted in any way to affect the ultimate resolution of the controversy between the parties concerning whether any of the Wholesale Customers are "co-grantees" under the Act and, if so, what rights, benefits and privileges accrue to them by reason of that claimed status.

B. **Claims Reserved but not Assertable During Term or Portions Thereof**. The following claims, which San Francisco disputes, are reserved but may not be asserted during the Term (or portions thereof, as indicated):

1. The Wholesale Customers' claim that the Act entitles them to water at cost.

2. The Wholesale Customers' claim that San Francisco is obligated under the Act or state law to supply them with additional water in excess of the Supply Assurance. This claim may not be asserted unless and until San Francisco decides not to meet projected water demands of Wholesale Customers in excess of the Supply Assurance pursuant to Section 4.06.

3. The claim by San Jose and Santa Clara that they are entitled under the Act, or any other federal or state law, to permanent, non-interruptible status and to be charged rates identical to those charged other Wholesale Customers. This claim may not be asserted unless and until San Francisco notifies San Jose or Santa Clara that it intends to interrupt or terminate water deliveries pursuant to Section 4.05.

4. The Wholesale Customers' claim that the SFPUC is not entitled to impose a surcharge for lost power generation revenues attributable to furnishing water in excess of the Supply Assurance. This claim may not be asserted unless and until SFPUC furnishes water in excess of the Supply Assurance during the Term and also includes such a surcharge in the price of such water.

5. Claims by Wholesale Customers (other than San Jose and Santa Clara, whose service areas are fixed) that SFPUC is obligated under the Act or state law to furnish water, within their Individual Supply Guarantee, for delivery to customers outside their existing service area and that Wholesale Customers are entitled to enlarge their service areas to supply those customers. Such claims may be asserted only after compliance with the procedure set forth in Section 3.03, followed by SFPUC's denial of, or failure for six months to act on, a written request by a Wholesale Customer to expand its service area.

C. **Waived Activities**. The Wholesale Customers (and the SFPUC, where specified) will refrain from the following activities during the Term (or portions thereof, as specified):

1. The Wholesale Customers and the SFPUC will not contend before any court, administrative agency or legislative body or committee that the methodology for determining the Wholesale Revenue Requirement (or the requirements for (a) amortization of the ending balance under the 1984 Agreement, or (b) contribution to the Wholesale Revenue Coverage) determined in accordance with this Agreement violates the Act or any other provision of federal law, state law, or San Francisco's City Charter, or is unfair, unreasonable or unlawful.

2. The Wholesale Customers will not challenge the transfer of funds by the SFPUC to any other San Francisco City department or fund, provided such transfer complies with the San Francisco City Charter. The transfer of its funds, whether or not permitted by the City Charter, will not excuse the SFPUC from its failure to perform any obligation imposed by this Agreement.

3. The Wholesale Customers and the SFPUC will not assert monetary claims against one another based on the 1984 Agreement other than otherwise arbitrable claims arising from the three fiscal years immediately preceding the start of the Term (i.e., FYs 2006-07, 2007-08 and 2008-09). Such claims, if any, shall be governed by the dispute resolution provisions of this Agreement, except that the time within which arbitration must be commenced shall be 18 months from delivery of the Compliance Auditor's report.

D. **Other**

1. This Agreement shall determine the respective monetary rights and obligations of the parties with respect to water sold by the SFPUC to the Wholesale Customers during the Term. Such rights and obligations shall not be affected by any judgments or orders issued by any court in litigation, whether or not between parties hereto, and whether or not related to the controversy over co-grantee status, except for arbitration and/or litigation expressly permitted in this Agreement. No judicial or other resolution of issues reserved by this section will affect the Wholesale Revenue Requirement which, during the Term, will be determined exclusively as provided in Articles 5, 6 and 7 of this Agreement.

2. Because delays in the budget process or other events may cause the SFPUC to defer the effective date of changes in wholesale rates until after the beginning of the fiscal year, this Agreement does not require the SFPUC to make changes in wholesale rates effective at the start of the fiscal year or at any other specific date.

3. The Wholesale Customers do not, by executing this Agreement, concede the legality of the SFPUC's establishing Interim Supply Allocations, as provided in Article 4 or imposing Environmental Enhancement Surcharges on water use in excess of such allocations. Any Wholesale Customer may challenge such allocation when imposed and/or such surcharges if and when levied, in any court of competent jurisdiction.

4. The furnishing of water in excess of the Supply Assurance by San Francisco to the Wholesale Customers shall not be deemed or construed to be a waiver by San Francisco of its claim that it has no obligation under any provision of law to supply such water to the Wholesale Customers, nor shall it constitute a dedication by San Francisco to the Wholesale Customers of such water.

8.08. Prohibition of Assignment

A. This Agreement shall be binding on, and shall inure to the benefit of, the parties and their respective successors and permitted assigns. Each Wholesale Customer agrees that it will not transfer or assign any rights or privileges under this Agreement, either in whole or in part, or make any transfer of all or any part of its water system or allow the use thereof in any manner whereby any provision of this Agreement will not continue to be binding on it, its assignee or transferee, or such user of the system. Any assignment or transfer in violation of this covenant, and any assignment or transfer that would result in the supply of water in violation of the Act, shall be void.

B. Nothing in this section shall prevent any Wholesale Customer (except the California Water Service Company and Stanford) from entering into a joint powers agreement or a municipal or multi-party water district with any other Wholesale Customer (except the two listed above) to exercise the rights and obligations granted to and imposed upon the Wholesale Customers hereunder, nor shall this section prevent any Wholesale Customer (except the two listed above) from succeeding to the rights and obligations of another Wholesale Customer hereunder as long as the Wholesale Service Area served by the Wholesale Customers involved in the succession is not thereby enlarged.

8.09. Notices

A. All notices and other documents that San Francisco is required or permitted to send to the Wholesale Customers under this Agreement shall be sent to each and all of the Wholesale Customers by United States mail, first class postage prepaid, addressed to each Wholesale Customer at the address to which monthly water bills are mailed by the Water Enterprise.

B. All notices or other documents which the Wholesale Customers are required or permitted to send to San Francisco under this Agreement shall be sent by United States mail, first class postage prepaid, addressed as follows:

General Manager
San Francisco Public Utilities Commission
525 Golden Gate Avenue, 13th Floor
San Francisco, CA 94102

C. Each Wholesale Customer is a member of BAWSCA. San Francisco shall send a copy of each notice or other document which it is required to send to all Wholesale Customers to BAWSCA addressed as follows:

General Manager/CEO
Bay Area Water Supply and Conservation Agency
155 Bovet Road, Suite 650
San Mateo, CA 94402

The failure of San Francisco to send a copy of such notices or documents to BAWSCA shall not invalidate any rate set or other action taken by San Francisco.

D. Any party (or BAWSCA) may change the address to which notice is to be sent to it under this Agreement by notice to San Francisco (in the case of a change desired by a Wholesale Customer or BAWSCA) and to the Wholesale Customer and BAWSCA (in the case of a change desired by San Francisco).

The requirements for notice set forth in Section 8.01 concerning arbitration shall prevail over this section, when they are applicable.

8.10. Incorporation of Attachments

Attachments A through R, referred to herein, are incorporated in and made a part of this Agreement.

8.11. Interpretation

In interpreting this Agreement, or any provision thereof, it shall be deemed to have been drafted by all signatories, and no presumption pursuant to Civil Code Section 1654 may be invoked to determine the Agreement's meaning. The marginal headings and titles to the sections and paragraphs of this Agreement are not a part of this Agreement and shall have no effect upon the construction or interpretation of any part hereof.

8.12. Actions and Approvals by San Francisco

Whenever action or approval by San Francisco is required or contemplated by this Agreement, authority to act or approve shall be exercised by the Commission, except if such action is required by law to be taken, or approval required to be given, by the San Francisco Board of Supervisors. The Commission may delegate authority to the General Manager in accordance with the San Francisco City Charter and Administrative Code, except for actions that this Agreement requires to be taken by the Commission.

8.13. Counterparts

Execution of this Agreement may be accomplished by execution of separate counterparts by each signatory. San Francisco shall deliver its executed counterpart to BAWSCA and the counterpart which each Wholesale Customer executes shall be delivered to San Francisco. The separate executed counterparts, taken together, shall constitute a single agreement.

8.14. Limitations on Damages

A. Unless otherwise prohibited by this Agreement, general or direct damages may be recovered for a breach of a party's obligations under this Agreement. No party is liable for, or may recover from any other party, special, indirect or consequential damages or incidental damages, including, but not limited to, lost profits or revenue. No damages may be awarded for a breach of Section 8.17.

B. The limitations in subsection A apply only to claims for damages for an alleged breach of this Agreement. These limitations do not apply to claims for damages for an alleged breach of a legal duty that arises independently of this Agreement, established by constitution or statute.

C. If damages would be an inadequate remedy for a breach of this Agreement, equitable relief may be awarded by a court in a case in which it is otherwise proper.

D. This section does not apply to any claim of breach for which arbitration is the exclusive remedy pursuant to Section 8.01.A.

8.15. Force Majeure

A. **Excuse from Performance**. No party shall be liable in damages to any other party for delay in performance of, or failure to perform, its obligations under this Agreement, including the obligations set forth in Sections 3.09 and 4.06, if such delay or failure is caused by a "Force Majeure Event."

B. **Notice**. The party claiming excuse shall deliver to the other parties a written notice of intent to claim excuse from performance under this Agreement by reason of a Force Majeure Event. Notice required by this section shall be given promptly in light of the circumstances, and, in the case of events described in (c), (d) or (e) of the definition of Force Majeure Event only, not later than ten (10) days after the occurrence of the Force Majeure Event. Such notice shall describe the Force Majeure Event, the services impacted by the claimed event, the length of time that the party expects to be prevented from performing, and the steps which the party intends to take to restore its ability to perform.

C. **Obligation to Restore Ability to Perform**. Any suspension of performance by a party pursuant to this section shall be only to the extent, and for a period of no longer duration

than, required by the nature of the Force Majeure Event, and the party claiming excuse shall use its best efforts to remedy its inability to perform as quickly as possible.

8.16. No Third-Party Beneficiaries

This Agreement is exclusively for the benefit of the parties and not for the benefit of any other Person. There are no third-party beneficiaries of this Agreement and no person not a party shall have any rights under or interests in this Agreement.

No party may assert a claim for damages on behalf of a person other than itself, including a person that is not a party.

8.17. Good Faith and Fair Dealing

San Francisco and the Wholesale Customers each acknowledge their obligation under California law to act in good faith toward, and deal fairly with, each other with respect to this Agreement.

Article 9. Implementation and Special Provisions Affecting Certain Wholesale Customers

9.01. General; Individual Water Sales Contracts

A. As described in Section 1.03, San Francisco previously entered into Individual Water Sales Contracts with each of the Wholesale Customers. The term of the majority of Individual Water Sales Contracts will expire on June 30, 2009, concurrently with the expiration of the 1984 Agreement. Except as provided below in this Article, each of the Wholesale Customers will execute a new Individual Water Sales Contract with San Francisco concurrently with its approval of the Agreement.

B. The Individual Water Sales Contracts will describe the service area of each Wholesale Customer, identify the location and size of connections between the Regional Water System and the Wholesale Customer's distribution system, provide for periodic rendering and payment of bills for water usage, and in some instances contain additional specialized provisions unique to the particular Wholesale Customer and not of general concern or applicability. A sample Individual Water Sales Contract is provided at Attachment F. The Individual Water Sales Contracts between San Francisco and the Wholesale Customers will not contain any provision inconsistent with Articles 1 through 8 of this Agreement except (1) as provided below in this Article or (2) to the extent that such provisions are not in derogation of the Fundamental Rights of other Wholesale Customers under this Agreement. Any provisions in an Individual Water Sales Contract which are in violation of this section shall be void.

9.02. California Water Service Company

A. The parties recognize that the California Water Service Company is an investor-owned utility company and, as such, has no claim to co-grantee status under the Act, which specifically bars private parties from receiving for resale any water produced by the Hetch Hetchy portion of the Regional Water System. Accordingly, the following provisions shall apply to the California Water Service Company, notwithstanding anything to the contrary elsewhere in this Agreement.

B. The total quantity of water delivered by San Francisco to the California Water Service Company shall not in any calendar year exceed 47,400 acre feet, which is the estimated average annual production of Local System Water. If San Francisco develops additional Local System Water after the Effective Date, it may (1) increase the maximum

delivery amount stated herein; and (2) increase the Supply Assurance, but not necessarily both. San Francisco has no obligation to deliver water to California Water Service Company in excess of the maximum stated herein, except as such maximum may be increased by San Francisco pursuant to this subsection. The maximum annual quantity of Local System Water set forth in this subsection is intended to be a limitation on the total quantity of water that may be allocated to California Water Service Company, and is not an Individual Supply Guarantee for purposes of Section 3.02. The maximum quantity of Local System Water set forth in this subsection is subject to reduction in response to (1) changes in long-term hydrology or (2) environmental water requirements that may be imposed by or negotiated with state and federal resource agencies in order to comply with state or federal law or to secure applicable permits for construction of Regional Water System facilities. San Francisco shall notify California Water Service Company of any anticipated reduction of the quantity of Local System Water set forth in this subsection, along with an explanation of the basis for the reduction.

C. Notwithstanding anything in Section 8.08 to the contrary, California Water Service Company shall have the right to assign to a public agency having the power of eminent domain all or a portion of the rights of California Water Service Company under any contract between it and San Francisco applicable to any individual district of California Water Service Company in connection with the acquisition by such public agency of all or a portion of the water system of California Water Service Company in such district. In the event of any such assignment of all the rights, privileges and obligations of California Water Service Company under such contract, California Water Service Company shall be relieved of all further obligations under such contract provided that the assignee public agency expressly assumes the obligations of California Water Service Company thereunder. In the event of such an assignment of a portion of the rights, privileges and obligations of California Water Service Company under such contract, California Water Service Company shall be relieved of such portion of such obligations so assigned thereunder provided that the assignee public agency shall expressly assume such obligations so assigned to it.

D. Should California Water Service Company seek to take over or otherwise acquire, in whole or in part, the service obligations of another Wholesale Customer under Section 3.03.E, it will so inform San Francisco at least six months prior to the effective date of the sale and provide information concerning the total additional demand proposed to be served, in order that San Francisco may compare the proposed additional demand to the then-current estimate of Local System Water. In this regard, California Water Service Company has notified

the SFPUC that it has reached an agreement to acquire the assets of Skyline County Water District ("Skyline") and assume the responsibility for providing water service to customers in the Skyline service area. California Water Service Company has advised the SFPUC that, on September 18, 2008, the California Public Utilities Commission approved California Water Service Company's acquisition of Skyline. The SFPUC anticipates approving the transfer of Skyline's Supply Guarantee as shown on Attachment C to California Water Service Company and the expansion of California Water Service Company's service area to include the current Skyline service area before the Effective Date of this Agreement. All parties to this Agreement authorize corresponding modifications of Attachment C, as well as any of the Agreement's other provisions, to reflect the foregoing transaction without the necessity of amending this Agreement.

E. Nothing in this Agreement shall preclude San Francisco from selling water to any county, city, town, district, political subdivision, or other public agency for resale to customers within the service area of the California Water Service Company. Nothing in this Agreement shall require or contemplate any delivery of water to California Water Service Company in violation of the Act.

F. Nothing in this Agreement shall alter, amend or modify the Findings of Fact and Conclusions of Law and the Judgment dated May 25, 1961, in that certain action entitled City and County of San Francisco v. California Water Service Company in the Superior Court of the State of California in and for the County of Marin, No. 23286, as modified by the Quitclaim Deed from California Water Service Company to San Francisco dated August 22, 1961. The rights and obligations of San Francisco and California Water Service Company under these documents shall continue as therein set forth.

9.03. City of Hayward

A. San Francisco and the City of Hayward ("Hayward") entered into a water supply contract on February 9, 1962 ("the 1962 contract") which provides, inter alia, that San Francisco will supply Hayward with all water supplemental to sources and supplies of water owned or controlled by Hayward as of that date, in sufficient quantity to supply the total water needs of the service area described on an exhibit to the 1962 contract "on a permanent basis." The service area map attached as Exhibit C to the 1962 contract was amended in 1974 to remove an area of land in the Hayward hills and in 2008 to make minor boundary adjustments identified in SFPUC Resolution No. 08-0035.

B. The intention of the parties is to continue the 1962 contract, as amended, in effect as the Individual Water Sales Contract between San Francisco and Hayward. Accordingly, it shall not be necessary for San Francisco and Hayward to enter into a new Individual Water Sales Contract pursuant to this Article and approval of this Agreement by Hayward shall constitute approval of both this Agreement and an Individual Water Sales Contract for purposes of Section 1.03. The 1962 contract, as amended, will continue to describe the service area of Hayward, while rates for water delivered to Hayward during the Term shall be governed by Article 5 hereof. The 1962 contract, as amended, will continue in force after the expiration of the Term.

9.04. Estero Municipal Improvement District

A. San Francisco and the Estero Municipal Improvement District ("Estero") entered into a water supply contract on August 24, 1961, the term of which continues until August 24, 2011 ("the 1961 Contract"). The 1961 Contract provides, inter alia, that San Francisco will supply Estero with all water supplemental to sources and supplies of water owned or controlled by Estero as of that date, in sufficient quantity to supply the total water needs of the service area described on an exhibit to the 1961 Contract.

B. The intention of the parties is to terminate the 1961 Contract and replace it with a new Individual Water Sales Contract which will become effective on July 1, 2009. The new Individual Water Sales Contract will describe the current service area of Estero. The Individual Supply Guarantee applicable to Estero shall be 5.9 MGD, rather than being determined as provided in the 1961 Contract.

9.05. Stanford University

A. The parties recognize that The Board of Trustees of The Leland Stanford Junior University ("Stanford") operates a non-profit university, and purchases water from San Francisco for redistribution to the academic and related facilities and activities of the university and to residents of Stanford, the majority of whom are either employed by or students of Stanford. Stanford agrees that all water furnished by San Francisco shall be used by Stanford only for domestic purposes and those directly connected with the academic and related facilities and activities of Stanford, and no water furnished by San Francisco shall be used in any area now or hereafter leased or otherwise used for industrial purposes or for commercial purposes

other than those campus support facilities that provide direct services to Stanford faculty, students or staff such as the U.S. Post Office, the bookstore and Student Union.

Nothing in this Agreement shall preclude San Francisco from selling water to any county, city, town, political subdivision or other public agency for resale to Stanford or to customers within the service area of Stanford.

B. Notwithstanding anything in Section 8.08 to the contrary, Stanford shall have the right to assign to a public agency having the power of eminent domain all or a portion of the rights of Stanford under this Agreement or the Individual Water Sales Contract between it and San Francisco in connection with the acquisition by such public agency of all or a portion of Stanford's water system. In the event of any such assignment of all the rights, privileges, and obligations of Stanford under such contract, Stanford shall be relieved of all further obligations under such contract, provided that the assignee public agency expressly assumes Stanford's obligations thereunder. In the event of such an assignment of a portion of the rights, privileges, and obligations of Stanford under such contract, Stanford shall be relieved of such obligations so assigned thereunder, provided that the assignee public agency shall expressly assume such obligations so assigned to it.

Nothing in this Agreement shall require or contemplate any delivery of water to Stanford in violation of the Act.

9.06. City of San Jose and City of Santa Clara

A. **Continued Supply on Temporary, Interruptible Basis**. During the term of the 1984 Agreement, San Francisco provided water to the City of San Jose ("San Jose") and the City of Santa Clara ("Santa Clara") on a temporary, interruptible basis pursuant to SFPUC Resolution No. 85-0256. Subject to termination or reduction of supply as provided in Section 4.05 of this Agreement, San Francisco will continue to supply water to San Jose and Santa Clara on a temporary, interruptible basis pending a decision by the Commission, pursuant to Section 4.05.H, as to whether to make San Jose and Santa Clara permanent customers of the Regional Water System. San Francisco will furnish water to San Jose and Santa Clara at the same rates as those applicable to other Wholesale Customers pursuant to this Agreement. Water delivered to San Jose and Santa Clara after July 1, 2009 may be limited by the SFPUC's ability to meet the full needs of all its other Retail and Wholesale Customers. The service areas of San Jose and Santa Clara set forth in their Individual Water Sales Contracts may not be

expanded using the procedure set forth in Section 3.03. The combined annual average water usage of San Jose and Santa Clara shall not exceed 9 MGD. The allocation of that total amount between San Jose and Santa Clara shall be as set forth in their Individual Water Sales Contracts.

B. **Reservation of Rights**. In signing this Agreement, neither San Jose nor Santa Clara waives any of its rights to contend, in the event that San Francisco (1) elects to terminate or interrupt water deliveries to either or both of the two cities prior to 2028 using the process set forth in Section 4.05, or (2) does not elect to take either city on as a permanent customer in 2028, that it is entitled to permanent customer status, pursuant to the Act or any other federal or state law. Santa Clara's reservation of rights is limited to its existing Service Area A, as shown on Attachment Q-2. Service Area B, south of Highway 101, was added in 2018 solely for the operational convenience of Santa Clara. Santa Clara waives its right to make claims described in this Section 9.06.B and Section 8.07.B.3 with respect to Service Area B. In signing this Agreement, San Francisco does not waive its right to deny any or all such contentions.

9.07. City of Brisbane, Guadalupe Valley Municipal Improvement District, Town of Hillsborough

A. The parties acknowledge that San Francisco has heretofore provided certain quantities of water to the City of Brisbane ("Brisbane"), Guadalupe Valley Municipal Improvement District ("Guadalupe") and the Town of Hillsborough ("Hillsborough") at specified rates or without charge pursuant to obligations arising out of agreements between the predecessors of San Francisco and these parties, which agreements are referred to in judicial orders, resolutions of the SFPUC and/or the 1960 contracts between San Francisco and Brisbane, Guadalupe and Hillsborough. The parties intend to continue those arrangements and accordingly agree as follows:

1. Nothing in this Agreement is intended to alter, amend or modify the terms of SFPUC Resolution No. 74-0653 or the indenture of July 18, 1908 between the Guadalupe Development Company and the Spring Valley Water Company.

2. Nothing in this Agreement is intended to alter, amend or modify the Findings of Fact and Conclusions of Law and Judgment dated May 25, 1961 in that certain action entitled City and County of San Francisco v. Town of Hillsborough in the Superior Court of the State of California in and for the County of Marin, No. 23282, as modified by the Satisfaction of Judgment filed October 23, 1961 and the Compromise and Release between

Hillsborough and San Francisco dated August 22, 1961. The rights and obligations of Hillsborough under these documents shall continue as therein set forth.

3. Nothing in this Agreement is intended to affect or prejudice any claims, rights or remedies of Guadalupe or of Crocker Estate Company, a corporation, or of Crocker Land Company, a corporation, or of San Francisco, or of their successors and assigns, respectively, with respect to or arising out of that certain deed dated May 22, 1884, from Charles Crocker to Spring Valley Water Works, a corporation, recorded on May 24, 1884, in Book 37 of Deeds at page 356, Records of San Mateo County, California, as amended by that certain Deed of Exchange of Easements in Real Property and Agreement for Trade in Connection Therewith, dated July 29, 1954, recorded on August 4, 1954, in Book 2628, at page 298, Official Records of said San Mateo County, or with respect to or arising out of that certain action involving the validity or enforceability of certain provisions of said deed entitled City and County of San Francisco v. Crocker Estate Company, in the Superior Court of the State of California in and for the County of Marin, No. 23281.

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Appendix D

SFPUC Memorandum Re: Regional Water System Supply Reliability and UWMP 2020

San Francisco
Water Power Sewer
Services of the San Francisco Public Utilities Commission

525 Golden Gate Avenue, 13th Floor
San Francisco, CA 94102
T 415.554.3155
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TO: SFPUC Wholesale Customers

FROM: Steven R. Ritchie, Assistant General Manager, Water

DATE: June 2, 2021

RE: Regional Water System Supply Reliability and UWMP 2020

This memo is in response to various comments from Wholesale Customers we have received regarding the reliability of the Regional Water System supply and San Francisco's 2020 Urban Water Management Plan (UWMP).

As you are all aware, the UWMP makes clear the potential effect of the amendments to the Bay-Delta Water Quality Control Plan adopted by the State Water Resources Control Board on December 12, 2018 should it be implemented. Regional Water System-wide water supply shortages of 40-50% could occur until alternative water supplies are developed to replace those shortfalls. Those shortages could increase dramatically if the State Water Board's proposed Water Quality Certification of the Don Pedro Federal Energy Regulatory Commission (FERC) relicensing were implemented.

We are pursuing several courses of action to remedy this situation as detailed below.

Pursuing a Tuolumne River Voluntary Agreement

The State Water Board included in its action of December 12, 2018 a provision allowing for the development of Voluntary Agreements as an alternative to the adopted Plan. Together with the Modesto and Turlock Irrigation Districts, we have been actively pursuing a Tuolumne River Voluntary Agreement (TRVA) since January 2017. We believe the TRVA is a superior approach to producing benefits for fish with a much more modest effect on our water supply. Unfortunately, it has been a challenge to work with the State on this, but we continue to persist, and of course we are still interested in early implementation of the TRVA.

Evaluating our Drought Planning Scenario in light of climate change

Ever since the drought of 1987-92, we have been using a Drought Planning Scenario with a duration of 8.5 years as a stress test of our Regional Water System supplies. Some stakeholders have criticized this methodology as being too conservative. This fall we anticipate our Commission convening a workshop

London N. Breed
Mayor

Sophie Maxwell
President

Anson Moran
Vice President

Tim Paulson
Commissioner

Ed Harrington
Commissioner

Newsha Ajami
Commissioner

Michael Carlin
Acting
General Manager

regarding our use of the 8.5-year Drought Planning Scenario, particularly in light of climate change resilience assessment work that we have funded through the Water Research Foundation. We look forward to a valuable discussion with our various stakeholders and the Commission.

Pursuing Alternative Water Supplies

The SFPUC continues to aggressively pursue Alternative Water Supplies to address whatever shortfall may ultimately occur pending the outcome of negotiation and/or litigation. The most extreme degree of Regional Water System supply shortfall is modeled to be 93 million gallons per day under implementation of the Bay-Delta Plan amendments. We are actively pursuing more than a dozen projects, including recycled water for irrigation, purified water for potable use, increased reservoir storage and conveyance, brackish water desalination, and partnerships with other agencies, particularly the Turlock and Modesto Irrigation Districts. Our goal is to have a suite of alternative water supply projects ready for CEQA review by July 1, 2023.

In litigation with the State over the Bay-Delta Plan Amendments

On January 10, 2019, we joined in litigation against the State over the adoption of the Bay-Delta Water Quality Control Plan Amendments on substantive and procedural grounds. The lawsuit was necessary because there is a statute of limitations on CEQA cases of 30 days, and we needed to preserve our legal options in the event that we are unsuccessful in reaching a voluntary agreement for the Tuolumne River. Even then, potential settlement of this litigation is a possibility in the future.

In litigation with the State over the proposed Don Pedro FERC Water Quality Certification

The State Water Board staff raised the stakes on these matters by issuing a Water Quality Certification for the Don Pedro FERC relicensing on January 15, 2021 that goes well beyond the Bay-Delta Plan amendments. The potential impact of the conditions included in the Certification appear to virtually double the water supply impact on our Regional Water System of the Bay-Delta Plan amendments. We requested that the State Water Board reconsider the Certification, including conducting hearings on it, but the State Water Board took no action. As a result, we were left with no choice but to once again file suit against the State. Again, the Certification includes a clause that it could be replaced by a Voluntary Agreement, but that is far from a certainty.

I hope this makes it clear that we are actively pursuing all options to resolve this difficult situation. We remain committed to creating benefits for the Tuolumne River while meeting our Water Supply Level of Service Goals and Objectives for our retail and wholesale customers.

cc.: SFPUC Commissioners
Nicole Sandkulla, CEO/General Manager, BAWSCA